

Data Path : Z:\HPCHEM1\BNA_M\Data\BM052717\
 Data File : BM010298.D
 Acq On : 28 May 2017 04:44
 Operator : SJ/MA
 Sample : I3162-17
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSF3

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.116	678	685	695	rBV	662774	1210187	8.12%	0.675%
2	7.269	705	711	719	rBV	495168	790577	5.30%	0.441%
3	7.469	738	745	753	rBV	761211	1249107	8.38%	0.696%
4	7.928	816	823	835	rBV	1639912	2622880	17.59%	1.462%
5	8.651	939	946	958	rBV	809275	1342836	9.01%	0.749%
6	9.116	1019	1025	1032	rBV	634641	1069994	7.18%	0.596%
7	9.828	1138	1146	1155	rBV	582540	999568	6.70%	0.557%
8	10.357	1229	1236	1249	rBV	894929	1592618	10.68%	0.888%
9	10.733	1292	1300	1308	rBV	1905538	3186732	21.37%	1.776%
10	13.974	1843	1851	1855	rBV	1673868	2311920	15.51%	1.289%
11	14.022	1855	1859	1865	rVB	685565	918896	6.16%	0.512%
12	14.257	1894	1899	1911	rVB	1651806	2522450	16.92%	1.406%
13	14.563	1943	1951	1961	rBV2	2672314	4072091	27.31%	2.270%
14	14.804	1988	1992	2004	rVB	402980	746561	5.01%	0.416%
15	14.951	2012	2017	2021	rBV4	89014	163793	1.10%	0.091%
16	15.551	2110	2119	2128	rBV	2198595	3249912	21.80%	1.812%
17	15.674	2135	2140	2147	rBV	623955	857247	5.75%	0.478%
18	17.162	2388	2393	2400	rBV2	404646	606913	4.07%	0.338%
19	17.227	2400	2404	2409	rVV3	222284	332767	2.23%	0.185%
20	17.310	2412	2418	2427	rVV	3310601	4996383	33.51%	2.785%
21	17.404	2429	2434	2443	rVV	2194423	3229866	21.66%	1.800%
22	17.492	2444	2449	2455	rVB9	157625	269484	1.81%	0.150%
23	18.045	2536	2543	2549	rBV3	347005	748690	5.02%	0.417%
24	18.098	2549	2552	2557	rVB6	163324	218065	1.46%	0.122%
25	18.157	2557	2562	2569	rBV2	1207197	1694340	11.36%	0.944%
26	18.386	2596	2601	2606	rBV5	141006	281640	1.89%	0.157%
27	18.462	2608	2614	2623	rVV3	997502	1798388	12.06%	1.002%
28	18.557	2625	2630	2638	rVB6	322792	621137	4.17%	0.346%
29	18.733	2656	2660	2669	rBV	1416202	2063902	13.84%	1.150%
30	19.051	2711	2714	2717	rBV2	217748	260173	1.74%	0.145%
31	19.086	2717	2720	2724	rVB4	268447	292340	1.96%	0.163%
32	19.127	2724	2727	2730	rBV2	312923	391944	2.63%	0.218%
33	19.315	2752	2759	2760	rBV6	319267	484305	3.25%	0.270%
34	19.333	2760	2762	2769	rVB4	339652	610760	4.10%	0.340%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Filtering: 5
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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	19.427	2774	2778	2781	rBV3	381400	530851	3.56%	0.296%
36	19.692	2818	2823	2829	rBV	3187762	4161717	27.91%	2.320%
37	20.162	2898	2903	2909	rBV	724318	1130184	7.58%	0.630%
38	20.286	2920	2924	2932	rBV2	480557	873279	5.86%	0.487%
39	20.398	2940	2943	2950	rBV3	350113	587782	3.94%	0.328%
40	20.503	2957	2961	2973	rBV	883523	1471325	9.87%	0.820%
41	20.839	3016	3018	3021	rBV4	312761	306545	2.06%	0.171%
42	21.115	3060	3065	3067	rBV	3459013	4508346	30.24%	2.513%
43	21.139	3067	3069	3085	rVB2	2794337	5556927	37.27%	3.098%
44	21.433	3115	3119	3122	rBV	1818611	2654681	17.80%	1.480%
45	21.468	3122	3125	3130	rVB	5795943	7230848	48.50%	4.031%
46	21.745	3168	3172	3176	rBV2	1676941	1774835	11.90%	0.989%
47	21.992	3210	3214	3218	rBV	3504251	3977596	26.68%	2.217%
48	22.039	3218	3222	3231	rBV2	1847154	4554493	30.55%	2.539%
49	22.362	3273	3277	3284	rBV4	1126205	1908177	12.80%	1.064%
50	22.527	3301	3305	3309	rBV	935893	1300978	8.73%	0.725%
51	22.721	3333	3338	3343	rVB	8718129	11753540	78.83%	6.552%
52	22.986	3379	3383	3388	rVB	1531980	2293492	15.38%	1.278%
53	23.074	3393	3398	3406	rBV4	1562528	4050064	27.16%	2.258%
54	23.668	3492	3499	3507	rVB2	2967400	6584628	44.16%	3.670%
55	23.821	3520	3525	3534	rVB	3790294	7110606	47.69%	3.964%
56	23.915	3535	3541	3551	rVB	7137127	12752175	85.53%	7.108%
57	24.350	3609	3615	3631	rBV4	2393001	9511447	63.79%	5.302%
58	25.497	3806	3810	3820	rVB3	1620531	3562554	23.89%	1.986%
59	27.174	4089	4095	4108	rVB6	2988518	8928890	59.89%	4.977%
60	27.950	4222	4227	4242	rVB7	2391033	7602550	50.99%	4.238%
61	28.462	4306	4314	4329	rVB8	3247936	14909972	100.00%	8.311%

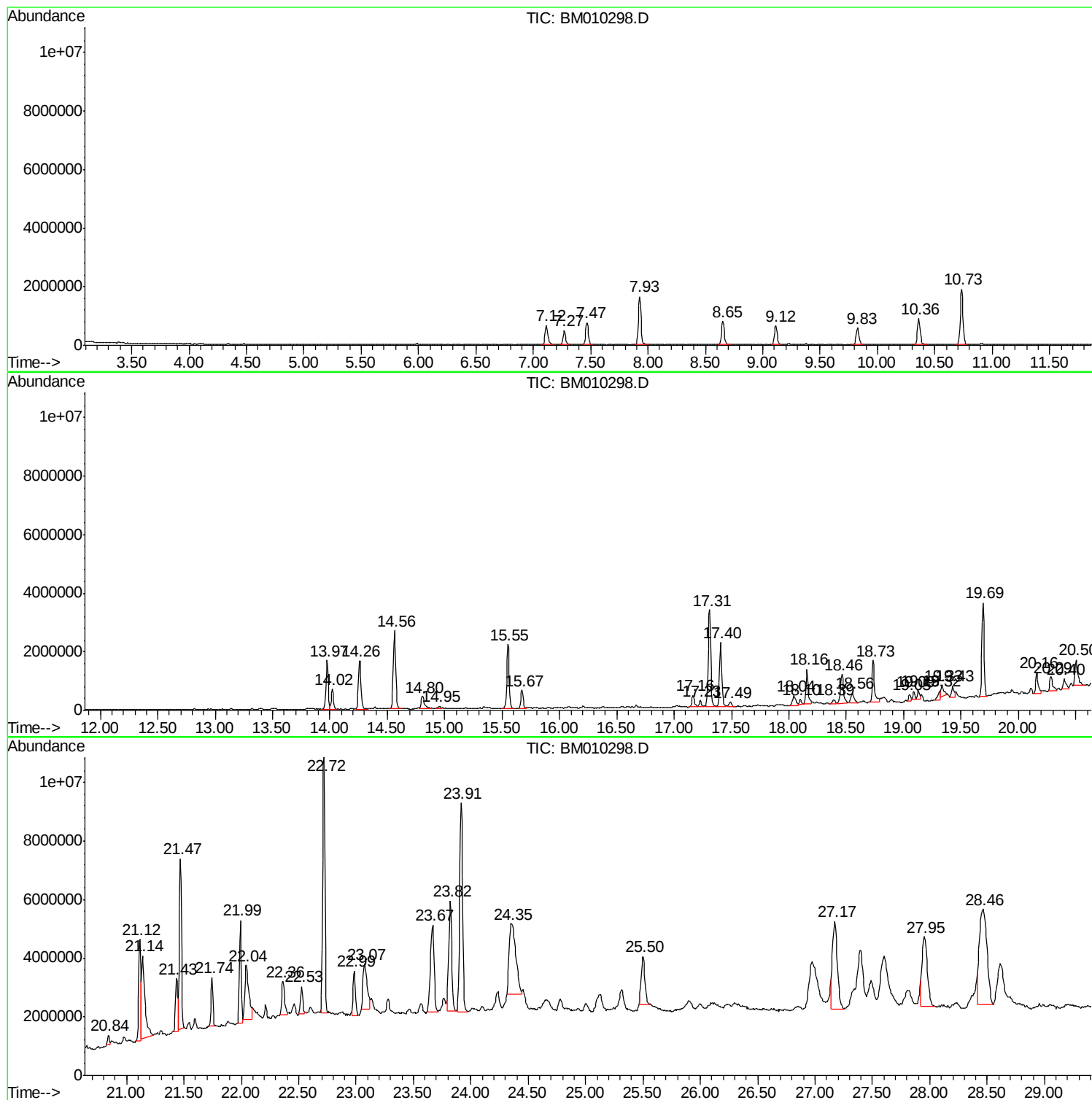
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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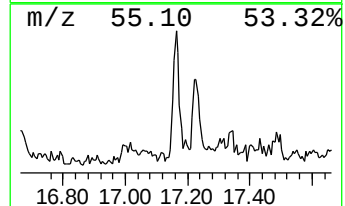
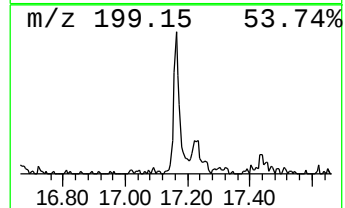
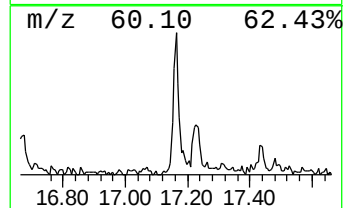
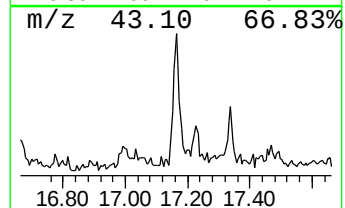
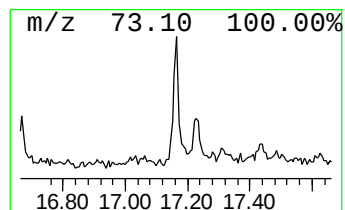
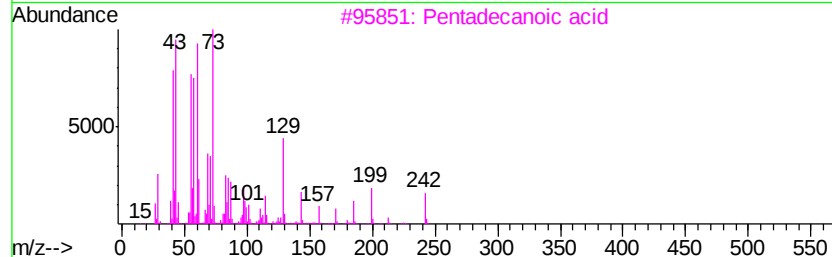
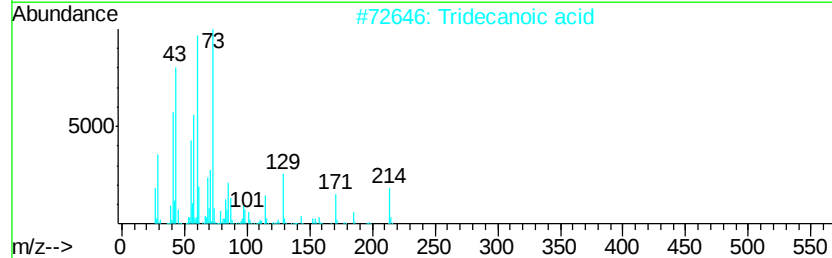
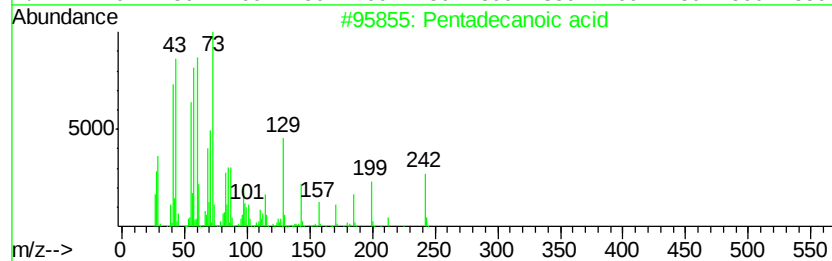
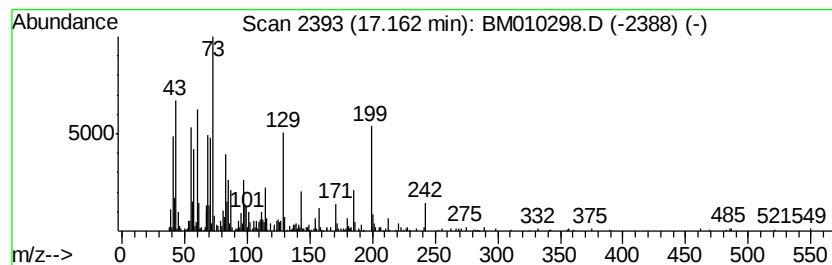
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Pentadecanoic acid Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	2.43 ng/ul	606913	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecanoic acid	242	C15H30O2	001002-84-2	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	70
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4		Tridecanoic acid	214	C13H26O2	000638-53-9	50
5		Octadecanoic acid	284	C18H36O2	000057-11-4	50



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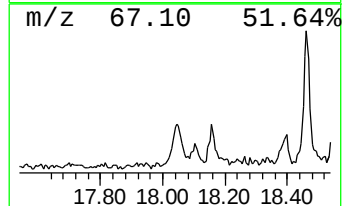
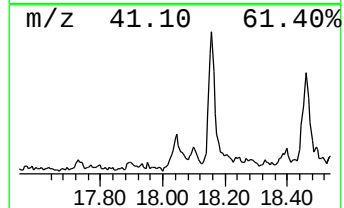
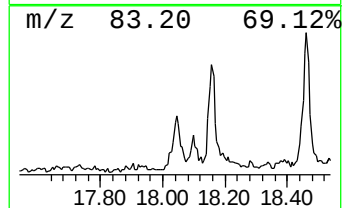
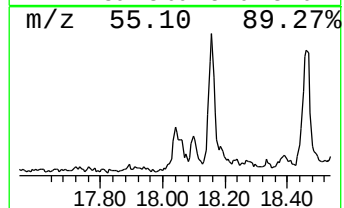
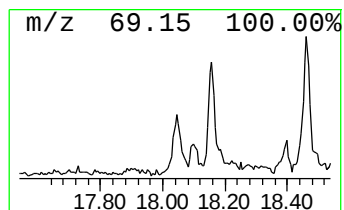
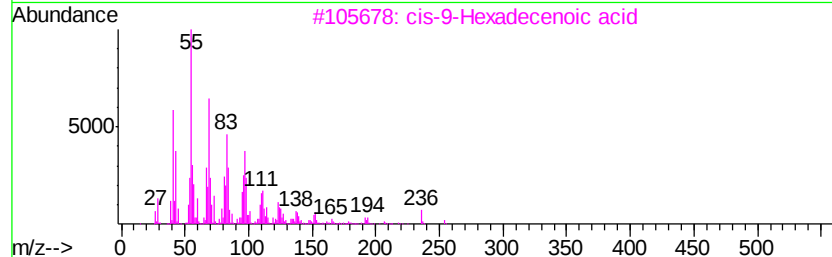
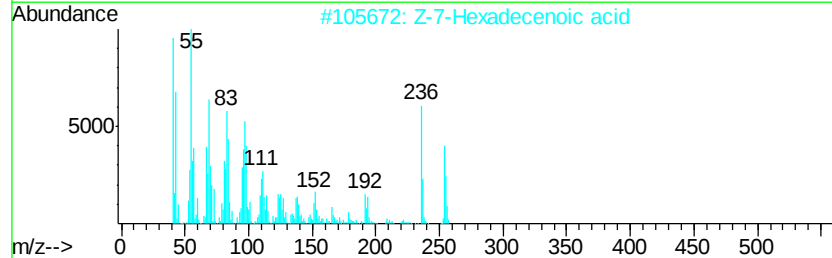
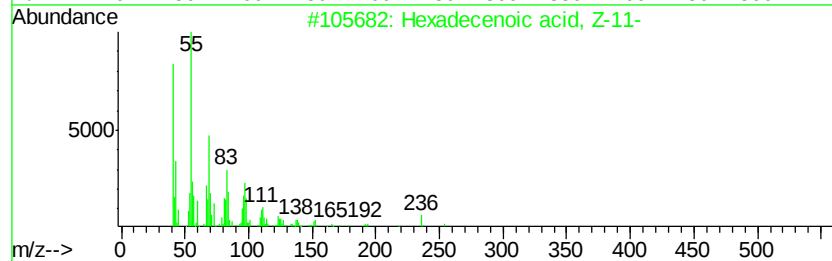
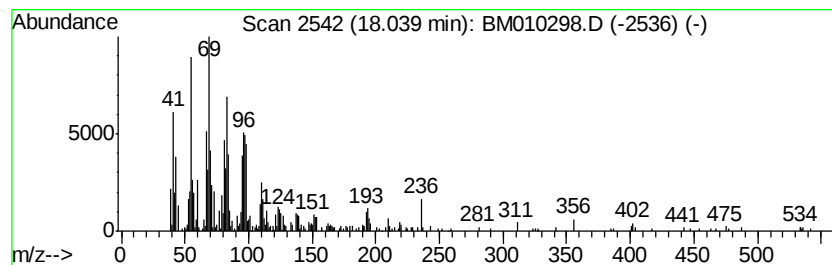
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecenoic acid, Z-11- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.00 ng/ul	748690	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	86
2		Z-7-Hexadecenoic acid	254	C16H30O2	1000130-90-8	86
3		cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	78
4		Palmitoleic acid	254	C16H30O2	000373-49-9	56
5		cis-Vaccenic acid	282	C18H34O2	000506-17-2	53



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ALS Vial : 30 Sample Multiplier: 1

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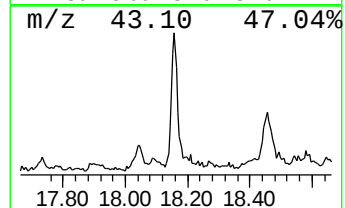
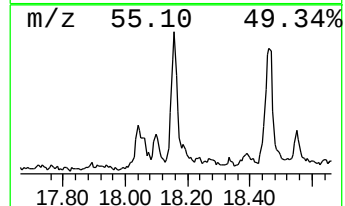
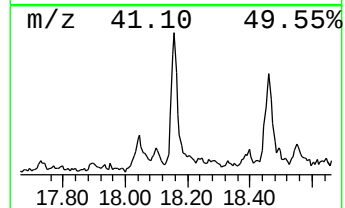
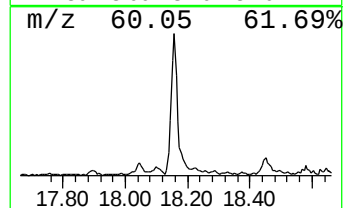
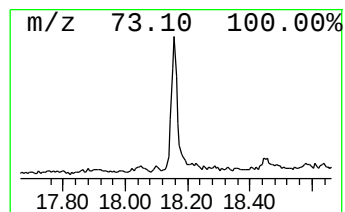
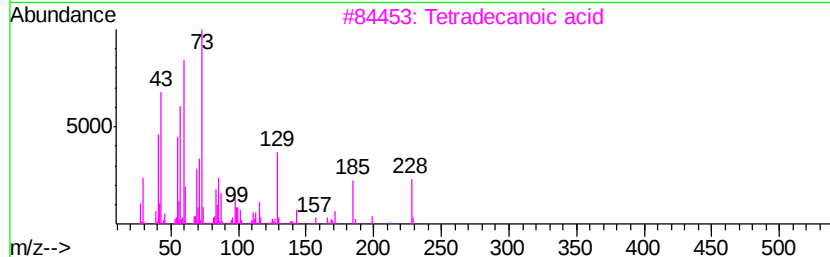
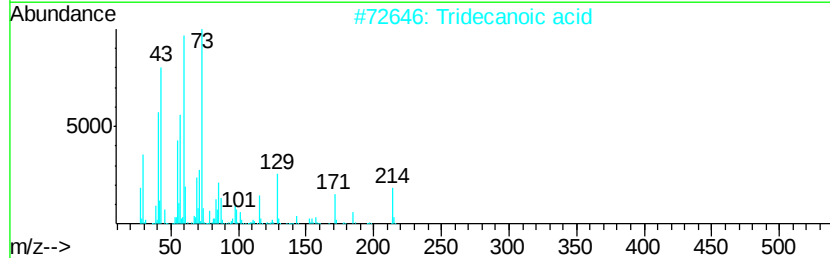
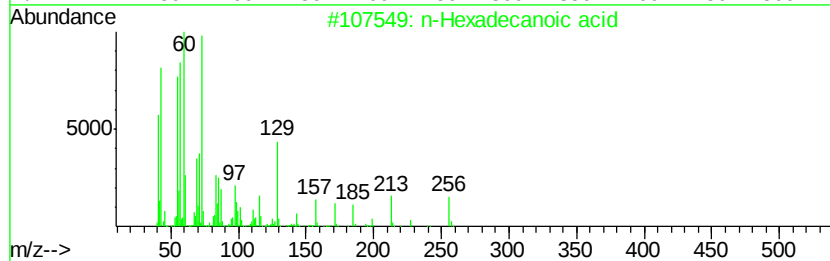
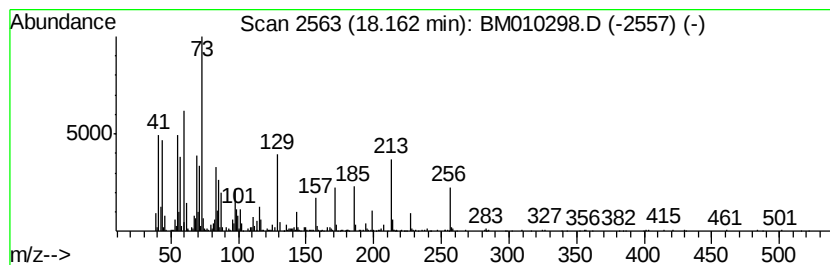
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	6.78 ng/ul	1694340	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	62
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5		n-Decanoic acid	172	C10H20O2	000334-48-5	55



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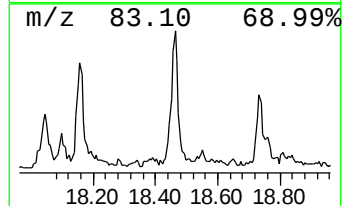
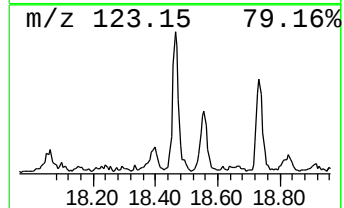
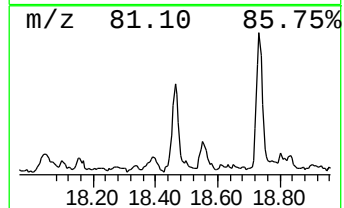
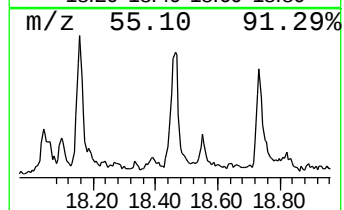
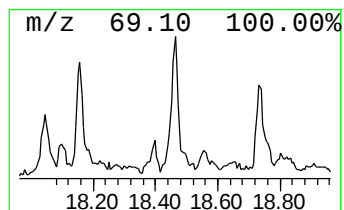
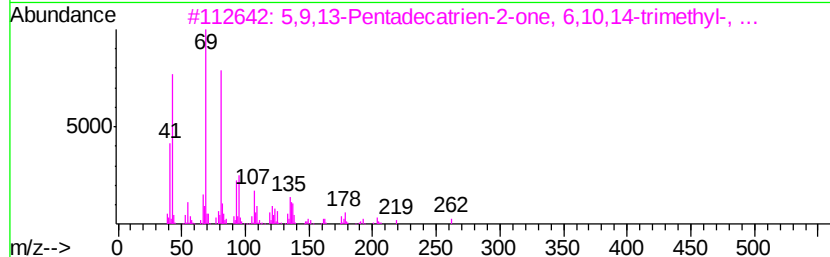
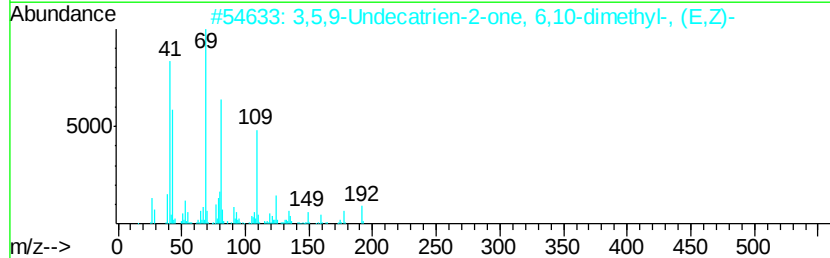
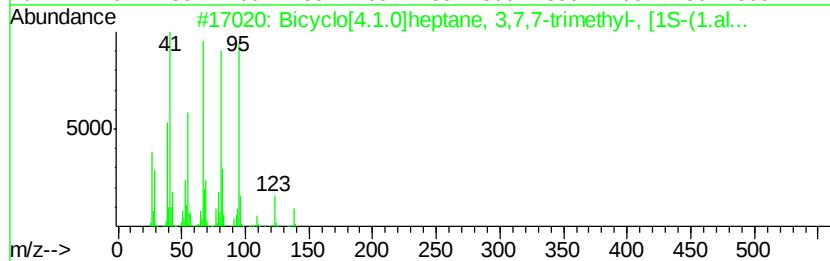
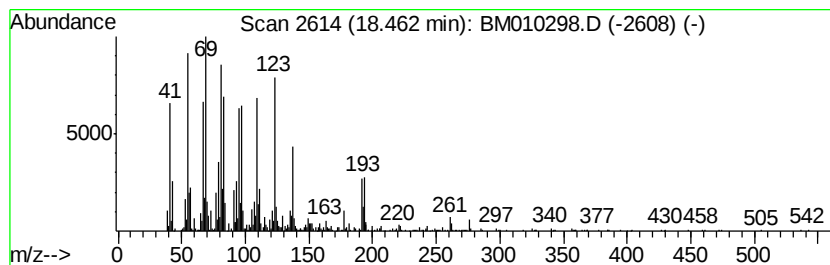
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	7.20 ng/ul	1798390	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	006069-97-2	48
2		3,5,9-Undecatrien-2-one, 6,10-di...	192	C13H20O	013927-47-4	38
3		5,9,13-Pentadecatrien-2-one, 6,1...	262	C18H30O	001117-52-8	38
4		2(1H)-Pentalenone, hexahydro-4-i...	250	C8H11IO	077070-56-5	35
5		4,5,6,7-Tetrahydro-3-indolinone	137	C8H11NO	058074-25-2	30



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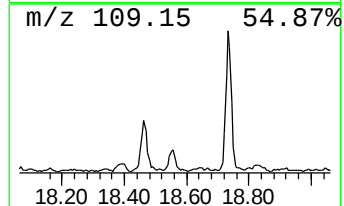
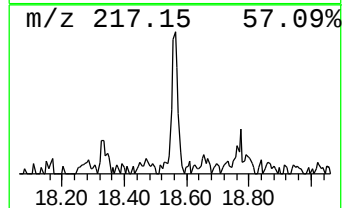
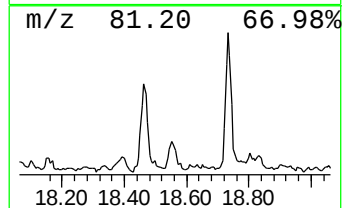
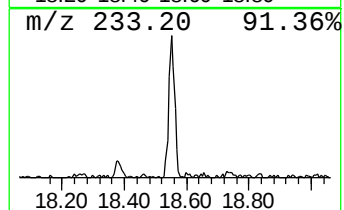
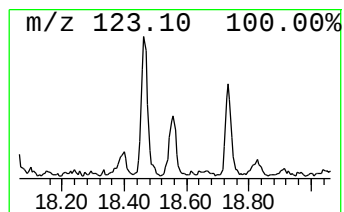
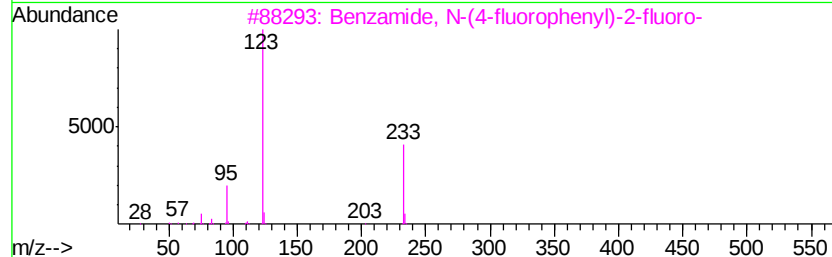
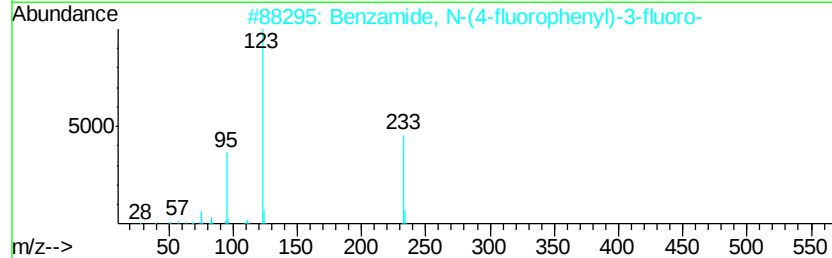
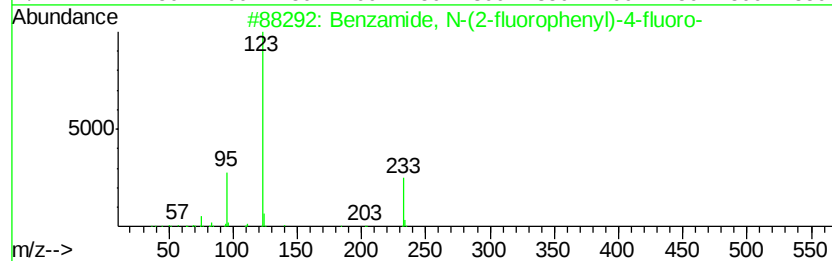
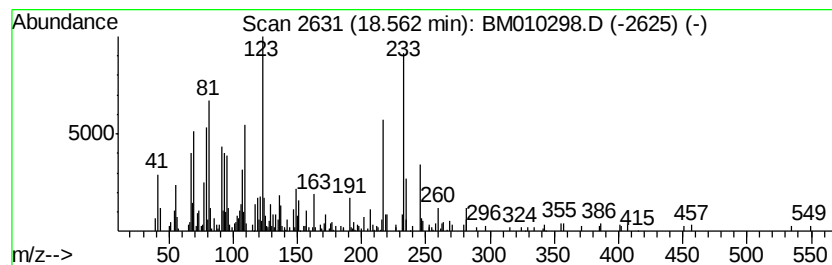
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzamide, N-(2-fluoropheny... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.49 ng/ul	621137	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzamide, N-(2-fluorophenyl)-4-...	233	C13H9F2NO	1000308-30-2	52
2		Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1000307-16-3	52
3		Benzamide, N-(4-fluorophenyl)-2-...	233	C13H9F2NO	1000307-07-9	50
4		1H-Pyrazole-4-carboxylic acid, 1...	233	C12H12FN3O	1000304-50-8	43
5		Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	38



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052717\
Data File : BM010298.D
Acq On : 28 May 2017 04:44
Operator : SJ/MA
Sample : I3162-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSF3

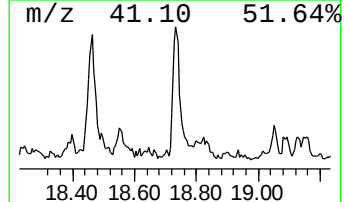
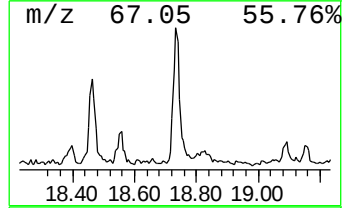
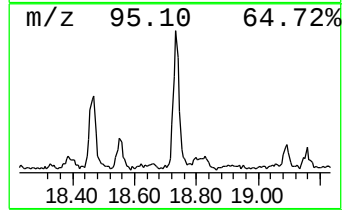
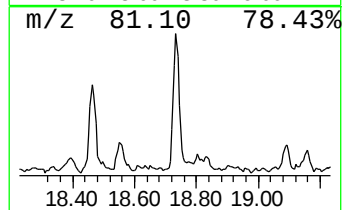
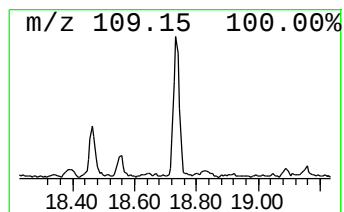
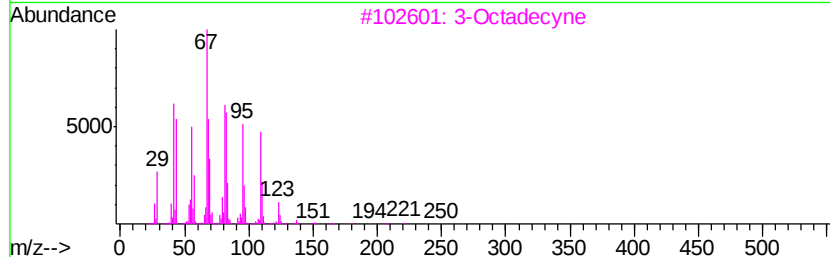
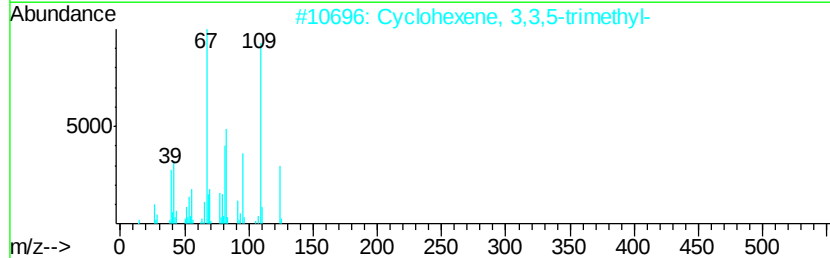
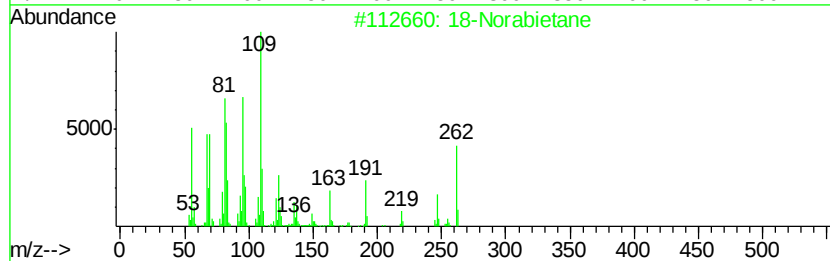
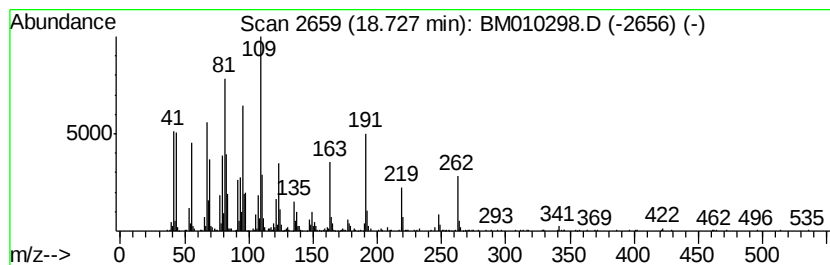
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 18-Norabietane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	8.26 ng/ul	2063900	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	18-Norabietane	262	C19H34	1000293-16-6	86
2		Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	46
3		3-Octadecyne	250	C18H34	061886-64-4	42
4		1,3-Bis(bromomethyl)cyclohexane	268	C8H14Br2	1000216-89-9	38
5		Sclareoloxide	262	C18H30O	1000215-78-2	38



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052717\
Data File : BM010298.D
Acq On : 28 May 2017 04:44
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Sample : I3162-17
Misc :
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Instrument :
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ClientSampleId :
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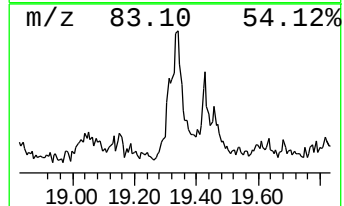
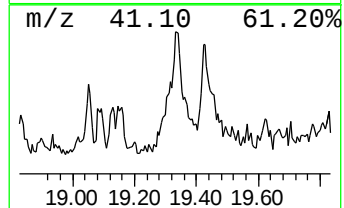
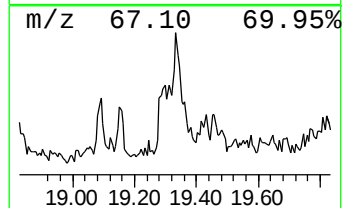
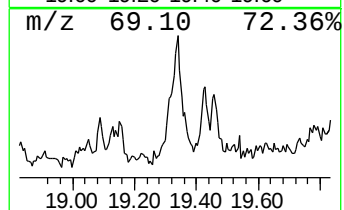
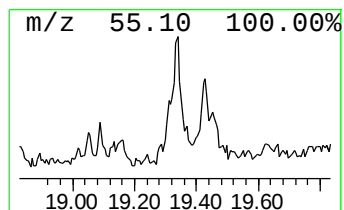
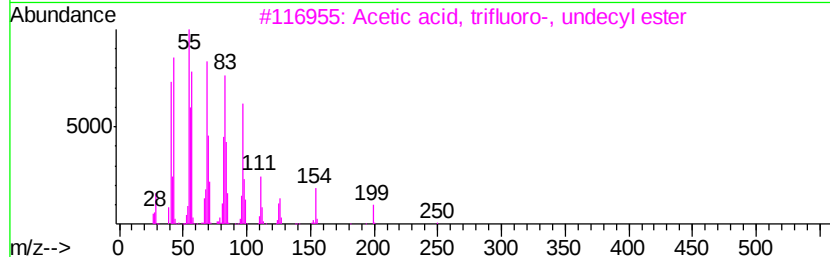
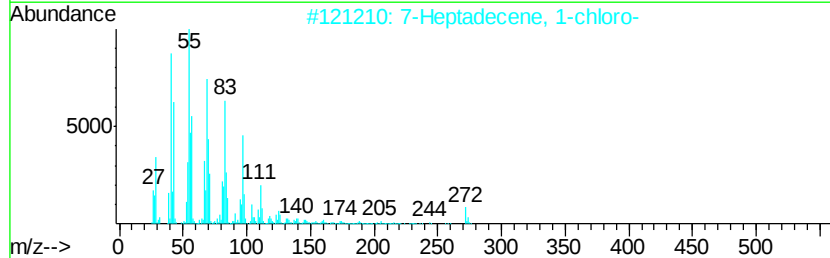
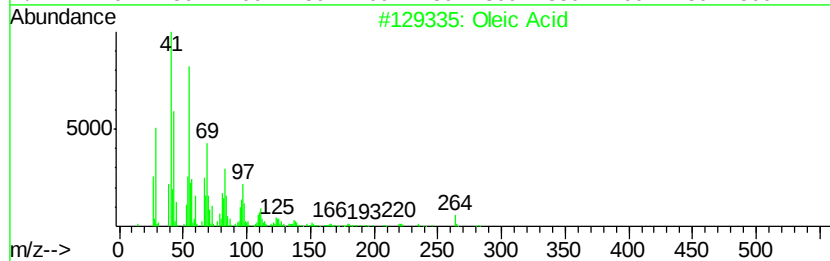
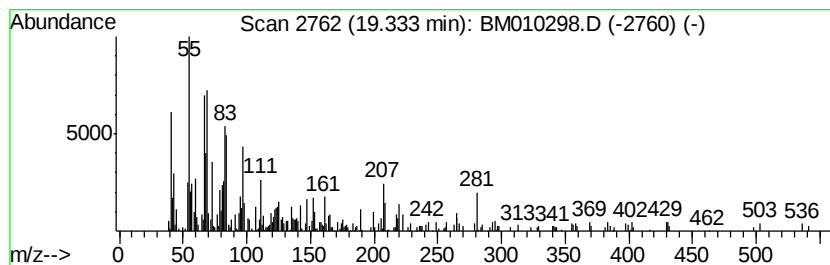
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown-02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.44 ng/ul	610760	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oleic Acid	282	C18H34O2	000112-80-1	43
2		7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	27
3		Acetic acid, trifluoro-, undecyl...	268	C13H23F3O2	053800-01-4	27
4		Cyclopentanone, 3-(3-hydroxy-1-p...	140	C8H12O2	074473-08-8	25
5		4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	25



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052717\
Data File : BM010298.D
Acq On : 28 May 2017 04:44
Operator : SJ/MA
Sample : I3162-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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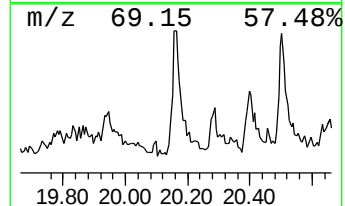
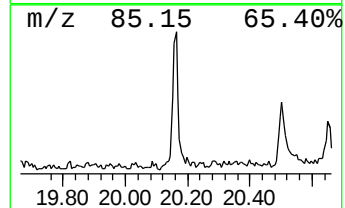
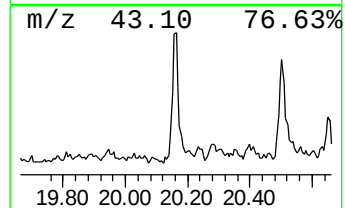
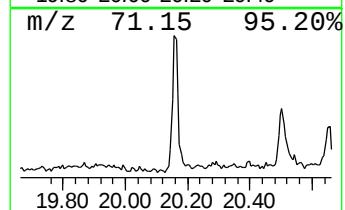
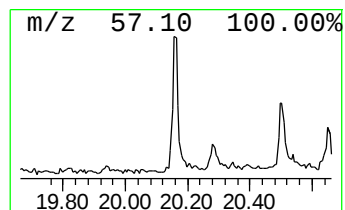
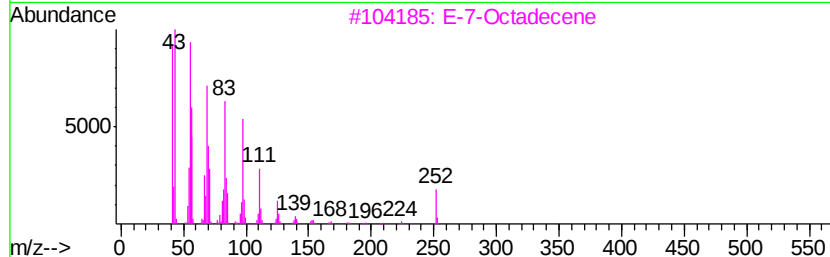
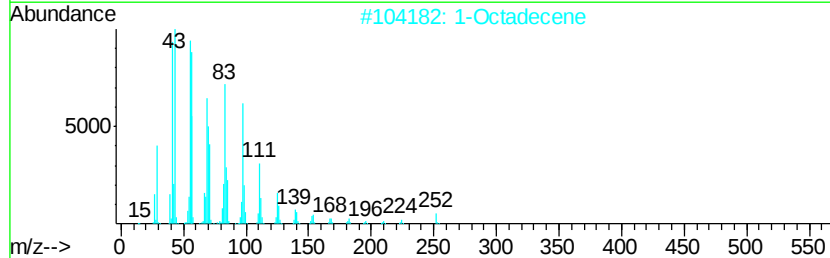
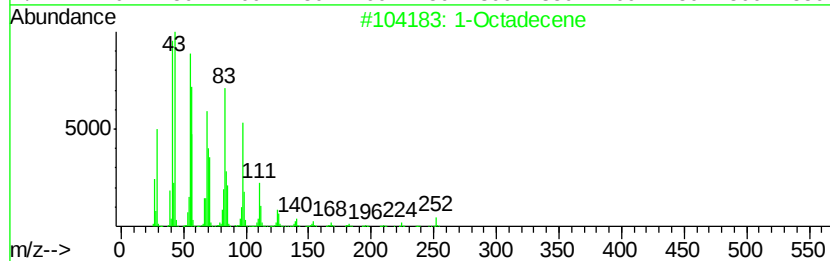
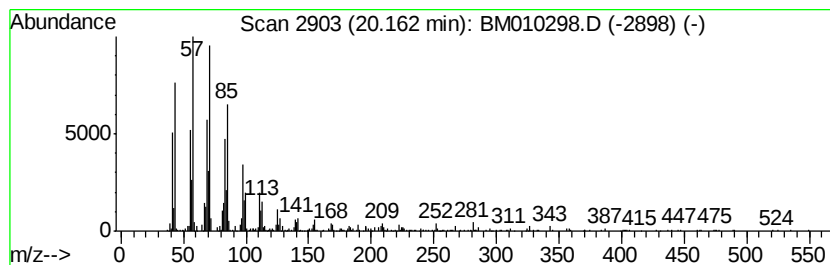
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Cyclic20.16 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	3.13 ng/ul	1130180	Chrysene-d12	21.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecene	252	C18H36	000112-88-9	95
2			1-Octadecene	252	C18H36	000112-88-9	89
3			E-7-Octadecene	252	C18H36	1000130-92-0	83
4			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	64
5			Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	64



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052717\
Data File : BM010298.D
Acq On : 28 May 2017 04:44
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Sample : I3162-17
Misc :
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Instrument :
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ClientSampleId :
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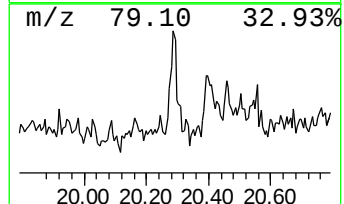
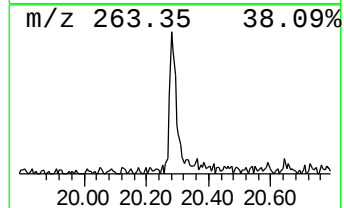
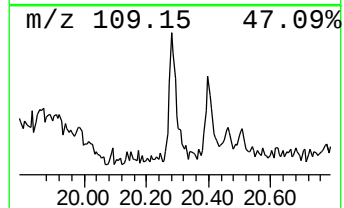
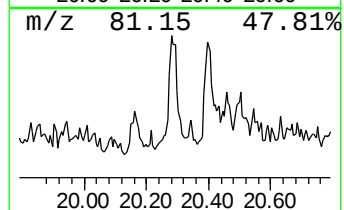
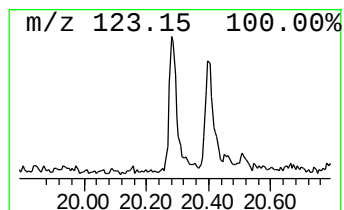
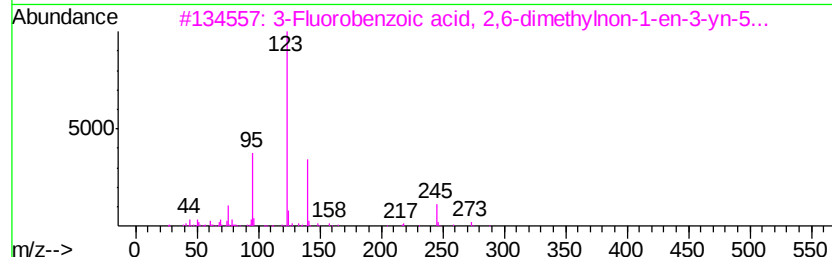
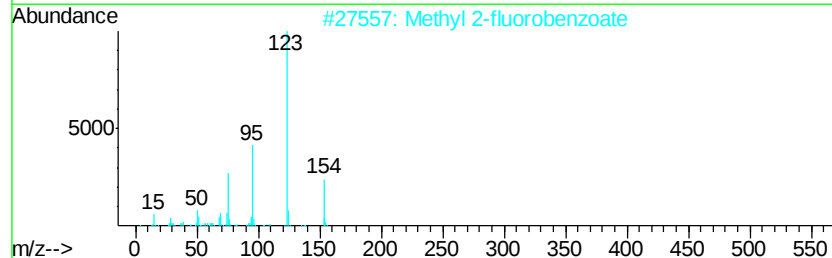
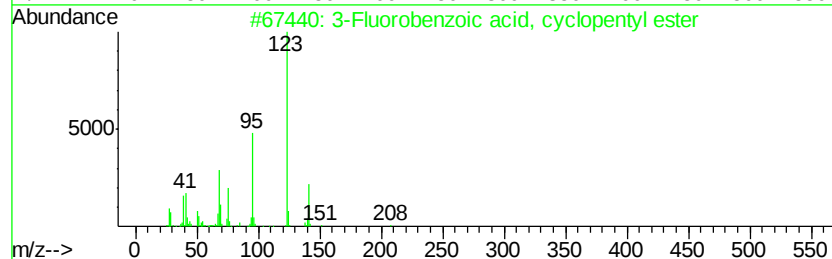
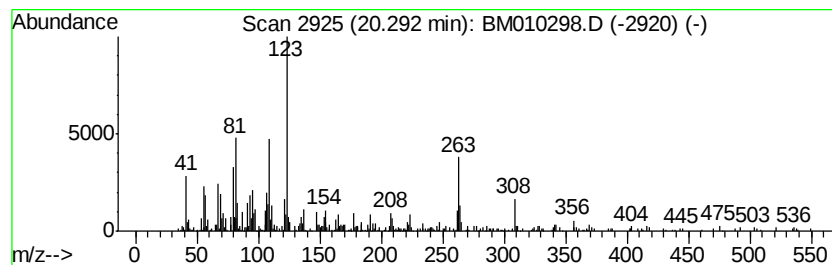
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown-03 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	2.42 ng/ul	873279	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Fluorobenzoic acid, cyclopenty...	208	C12H13F02	1000279-04-5	43
2		Methyl 2-fluorobenzoate	154	C8H7F02	000394-35-4	43
3		3-Fluorobenzoic acid, 2,6-dimeth...	288	C18H21F02	1000292-60-7	43
4		4,4-Dimethoxy-2,5-cyclohexadien-...	154	C8H10O3	000935-50-2	43
5		3-Fluorobenzoic acid, 2-methyloc...	262	C16H19F02	1000292-60-5	43



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052717\
Data File : BM010298.D
Acq On : 28 May 2017 04:44
Operator : SJ/MA
Sample : I3162-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

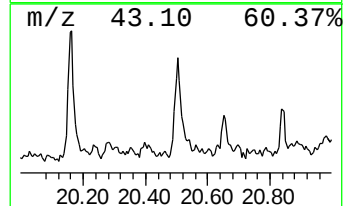
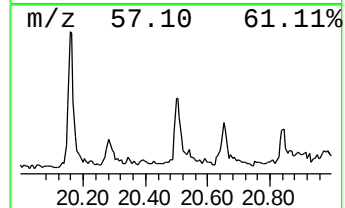
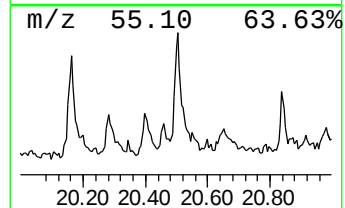
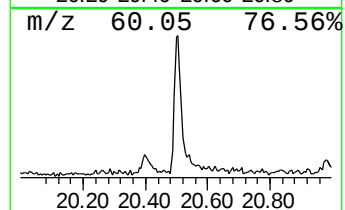
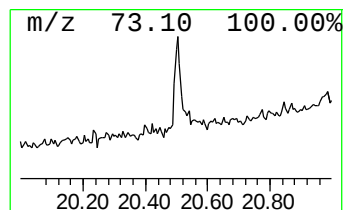
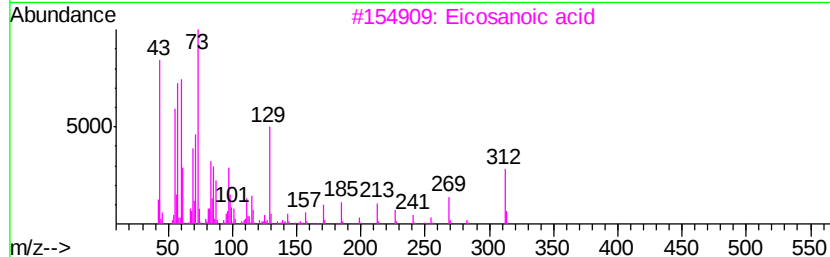
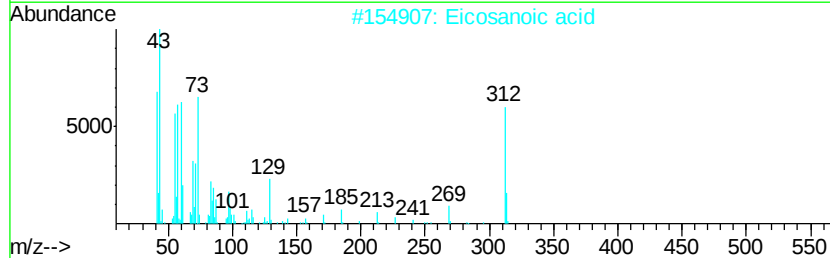
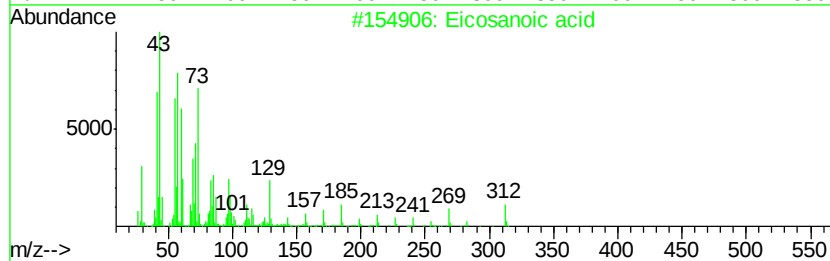
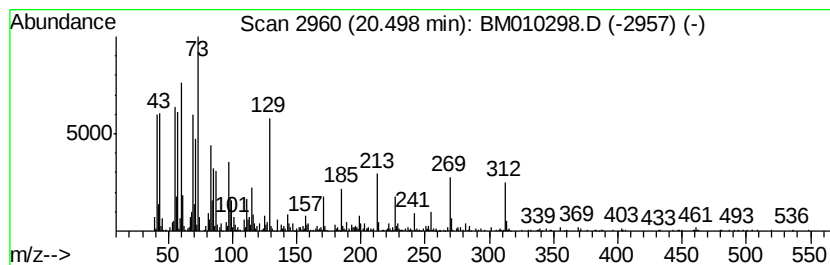
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Eicosanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	4.07 ng/ul	1471330	Chrysene-d12	21.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosanoic acid	312 C20H40O2	000506-30-9	96
2	Eicosanoic acid	312 C20H40O2	000506-30-9	93
3	Eicosanoic acid	312 C20H40O2	000506-30-9	93
4	Heptadecanoic acid	270 C17H34O2	000506-12-7	78
5	Tetradecanoic acid	228 C14H28O2	000544-63-8	70



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052717\
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Acq On : 28 May 2017 04:44
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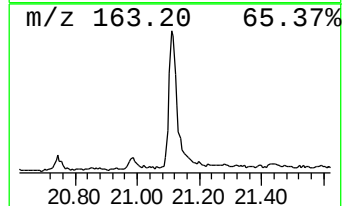
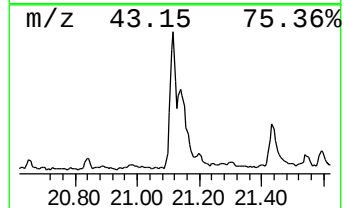
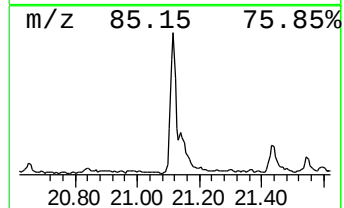
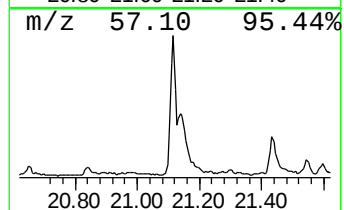
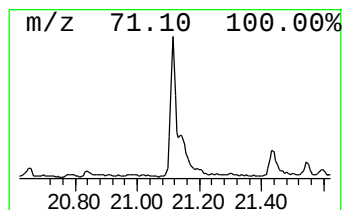
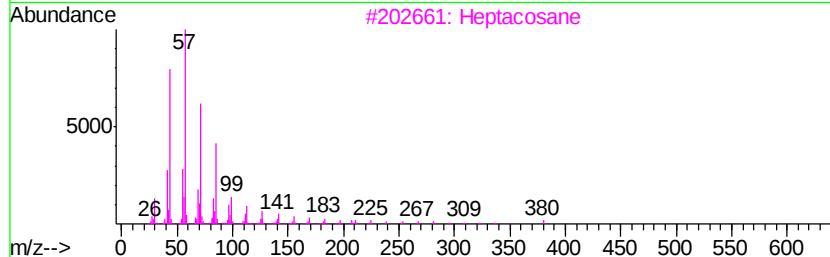
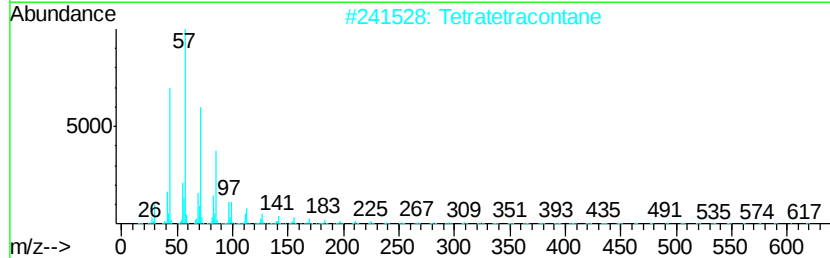
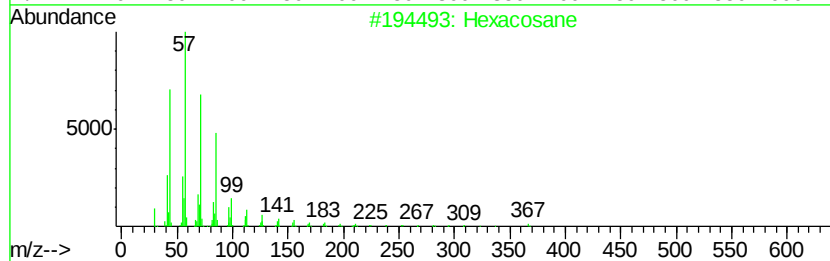
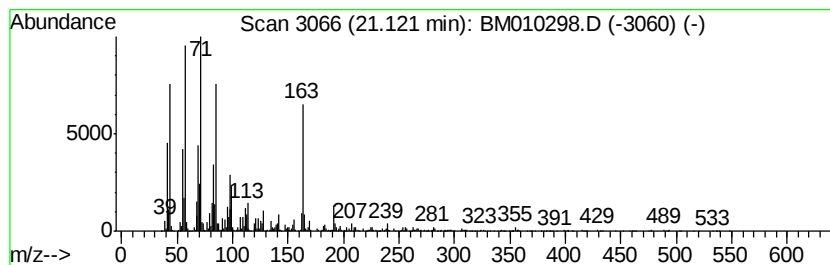
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	12.47 ng/ul	4508350	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	70
2		Tetratetracontane	619	C44H90	007098-22-8	70
3		Heptacosane	380	C27H56	000593-49-7	62
4		Octacosane	394	C28H58	000630-02-4	62
5		Heptacosane	380	C27H56	000593-49-7	62



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052717\
Data File : BM010298.D
Acq On : 28 May 2017 04:44
Operator : SJ/MA
Sample : I3162-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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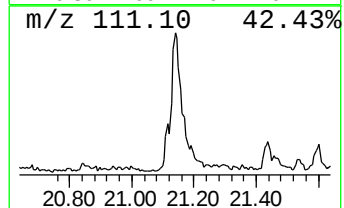
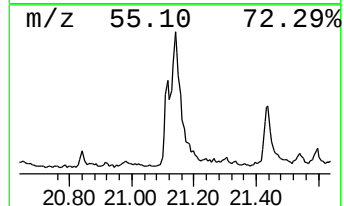
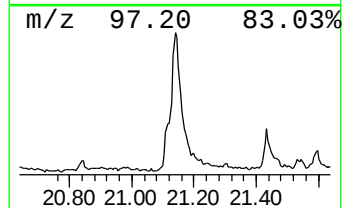
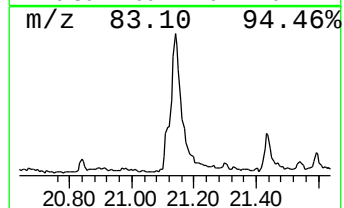
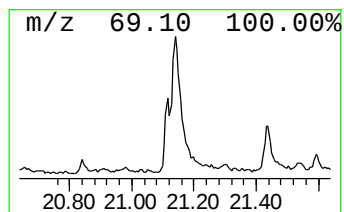
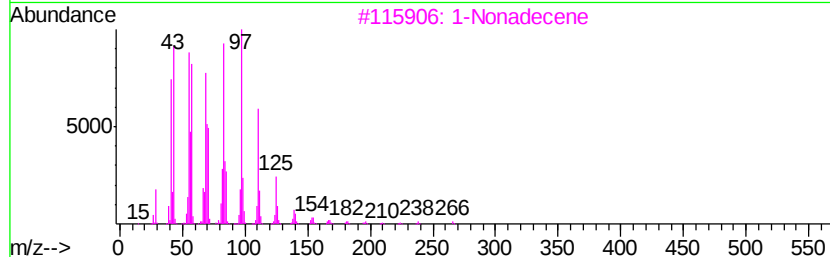
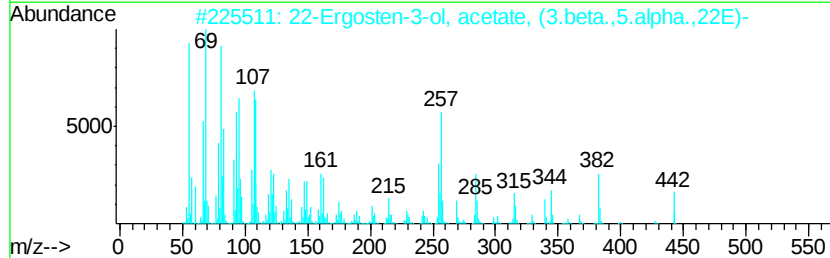
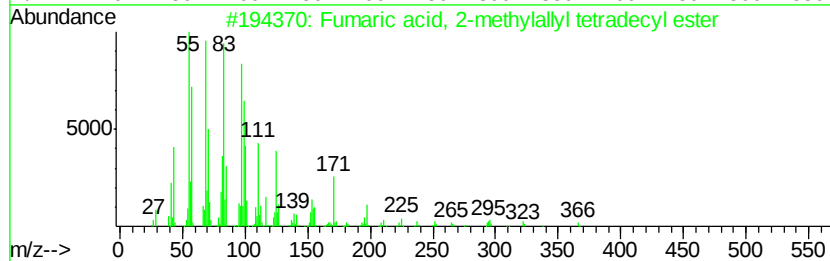
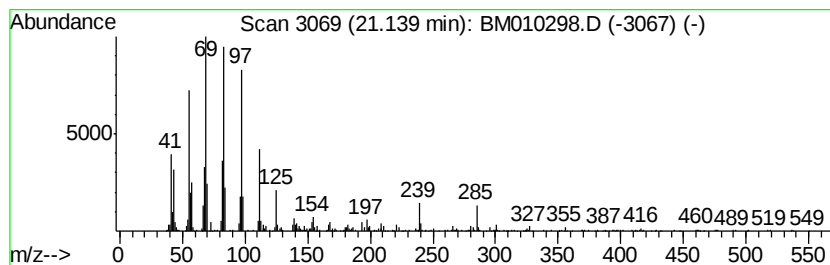
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Fumaric acid, 2-methylallyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	15.37 ng/ul	5556930	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fumaric acid, 2-methylallyl tetr...	366	C22H38O4	1000330-55-3	90
2		22-Ergosten-3-ol, acetate, (3.be...	442	C30H50O2	055515-02-1	59
3		1-Nonadecene	266	C19H38	018435-45-5	58
4		3-Decene, 2,2-dimethyl-, (E)-	168	C12H24	055499-02-0	49
5		1-Heneicosanol	312	C21H44O	015594-90-8	47



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052717\
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Acq On : 28 May 2017 04:44
Operator : SJ/MA
Sample : I3162-17
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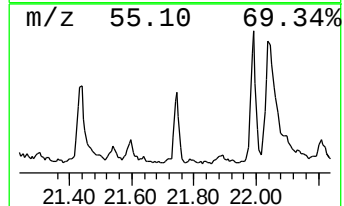
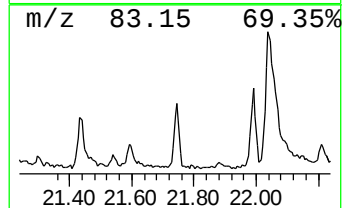
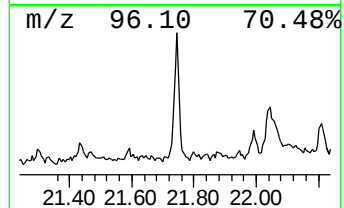
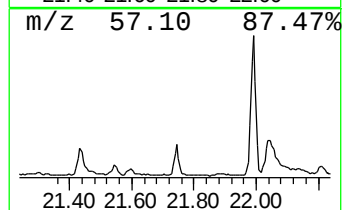
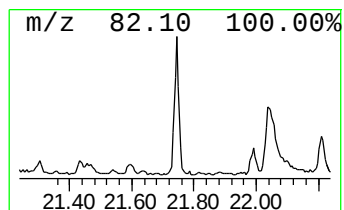
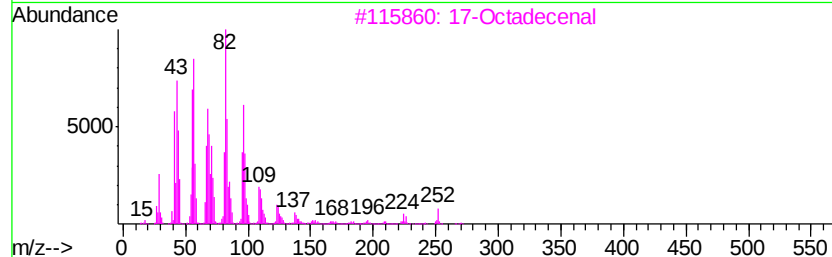
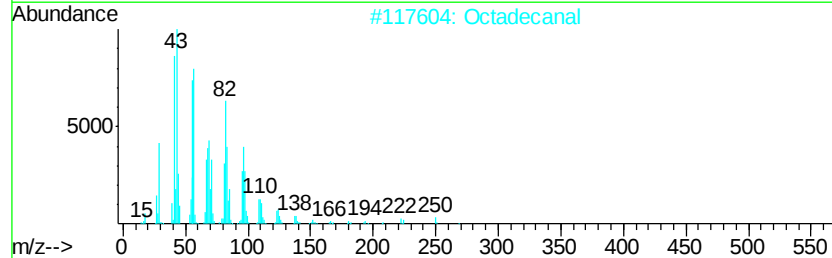
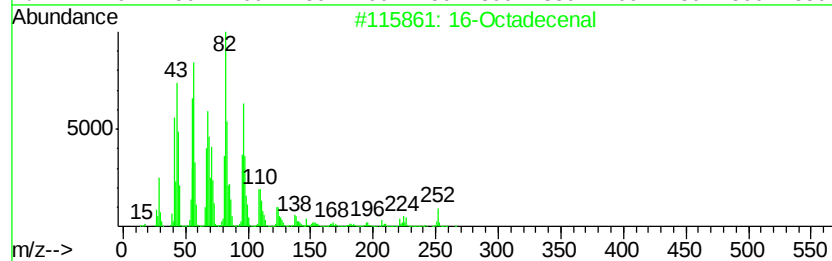
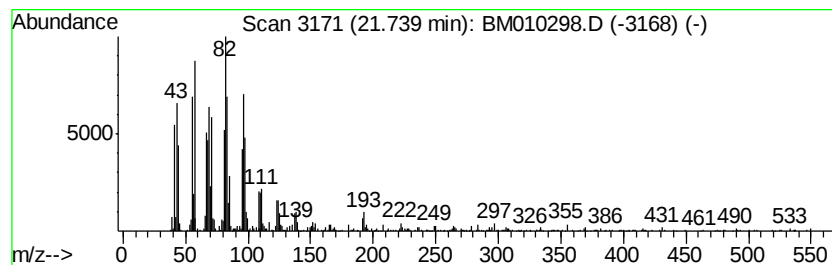
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 16-Octadecenal Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.74	4.91 ng/ul	1774840	Chrysene-d12	21.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenal	266	C18H34O	056554-87-1	95
2	Octadecanal	268	C18H36O	000638-66-4	94
3	17-Octadecenal	266	C18H34O	056554-86-0	94
4	Octadecanal	268	C18H36O	000638-66-4	94
5	Tetradecanal	212	C14H28O	000124-25-4	94



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052717\
Data File : BM010298.D
Acq On : 28 May 2017 04:44
Operator : SJ/MA
Sample : I3162-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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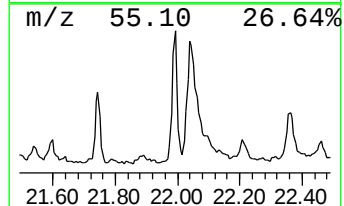
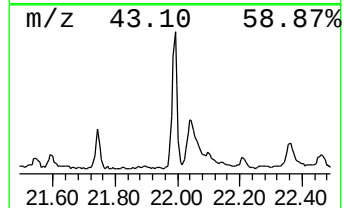
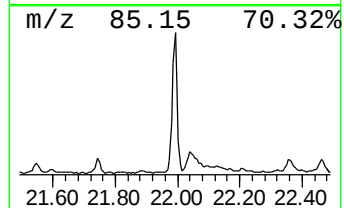
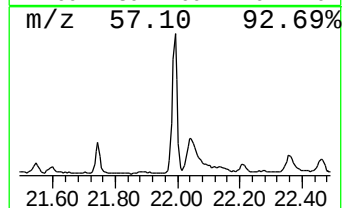
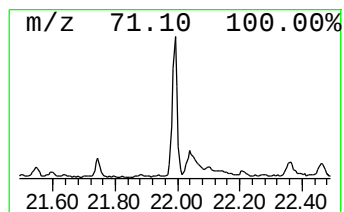
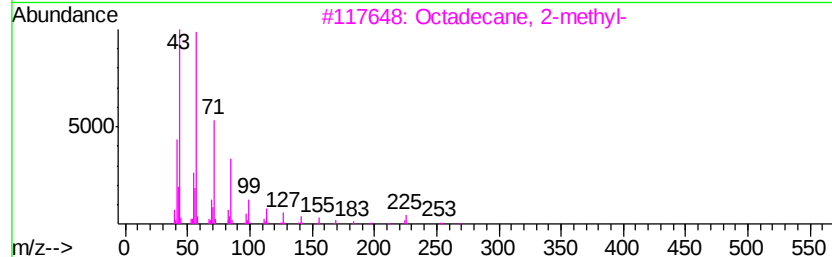
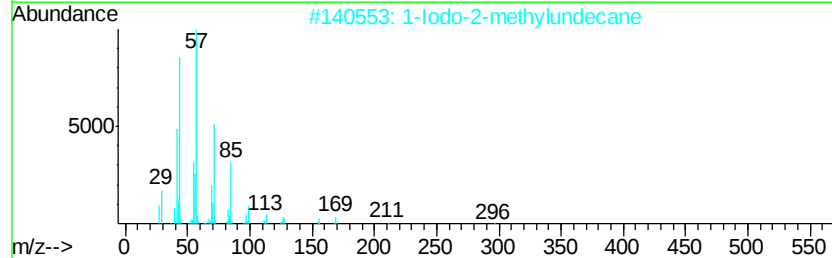
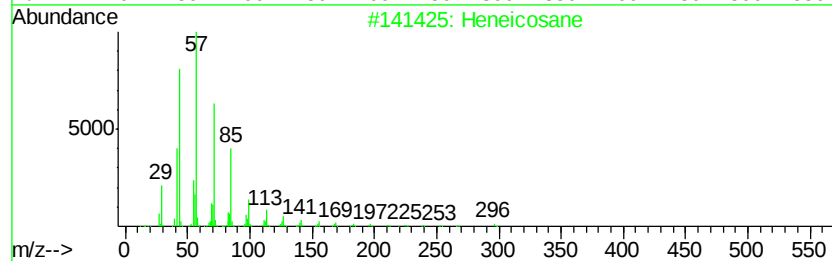
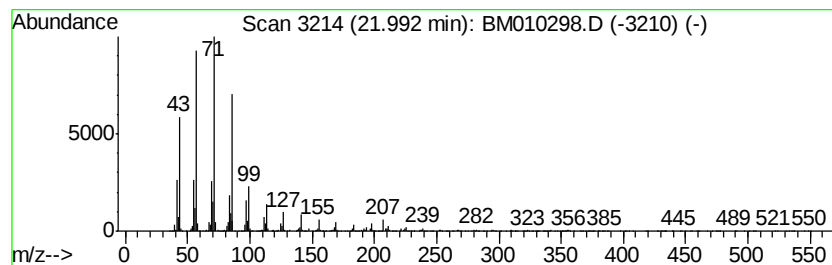
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	11.00 ng/ul	3977600	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052717\
Data File : BM010298.D
Acq On : 28 May 2017 04:44
Operator : SJ/MA
Sample : I3162-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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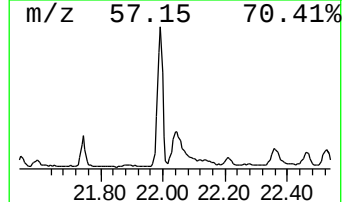
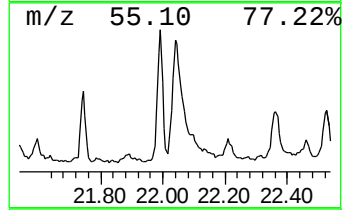
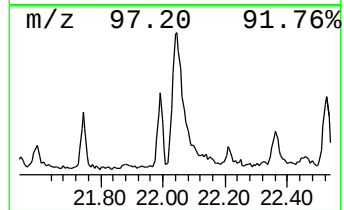
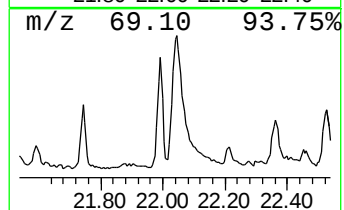
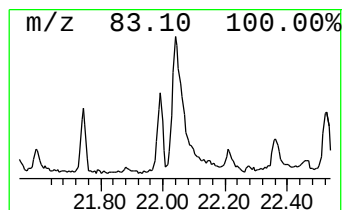
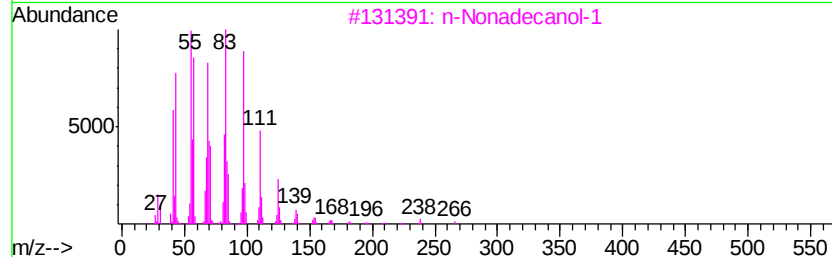
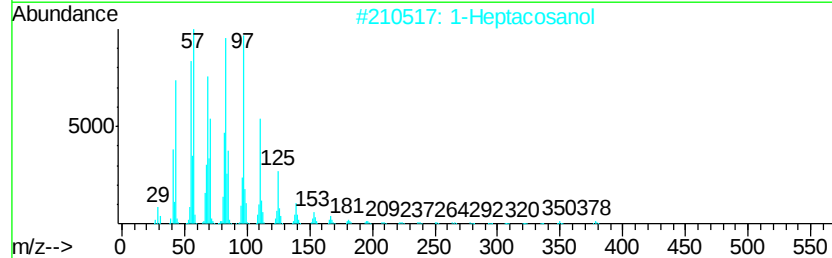
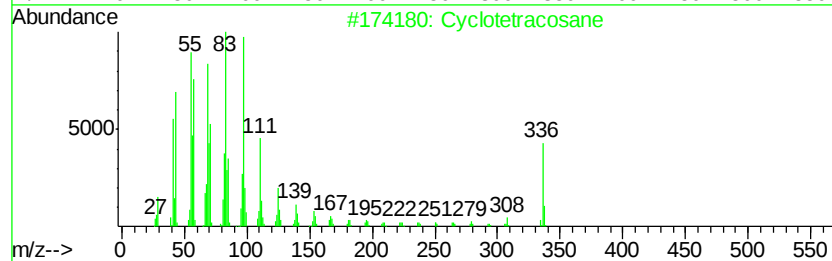
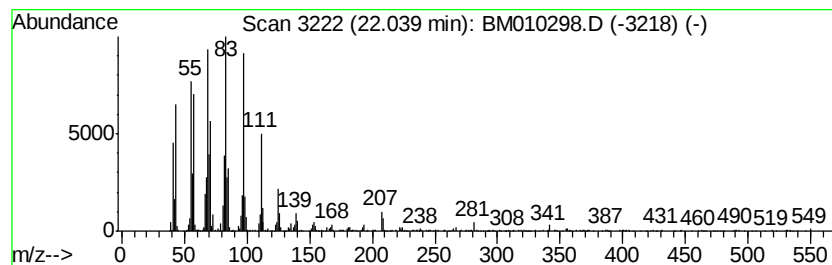
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Cyclic22.04 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	12.60 ng/ul	4554490	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	94
2		1-Heptacosanol	396	C27H56O	002004-39-9	93
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	91
4		Behenic alcohol	326	C22H46O	000661-19-8	91
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	91



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052717\
Data File : BM010298.D
Acq On : 28 May 2017 04:44
Operator : SJ/MA
Sample : I3162-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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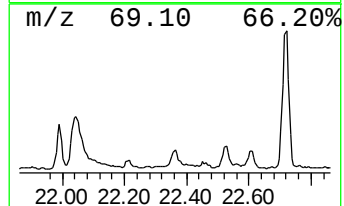
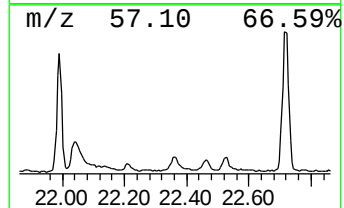
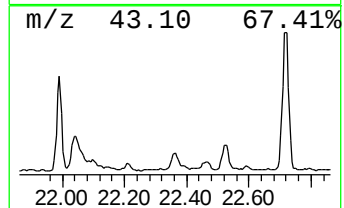
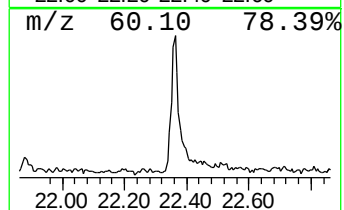
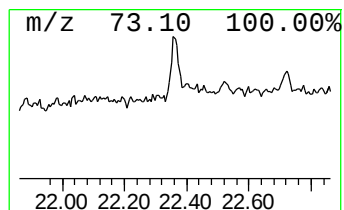
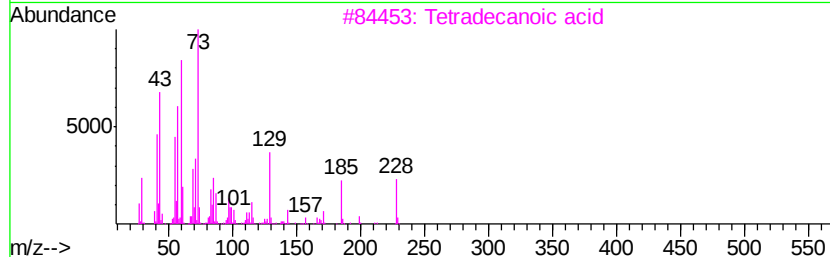
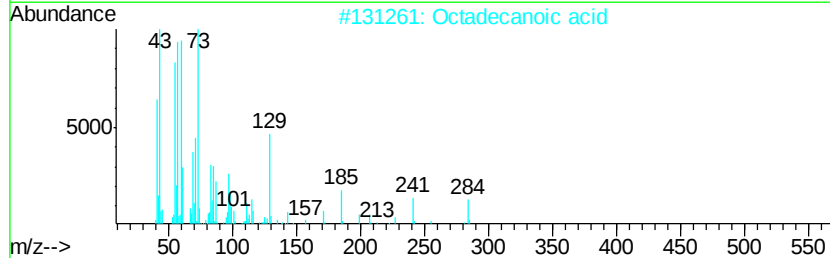
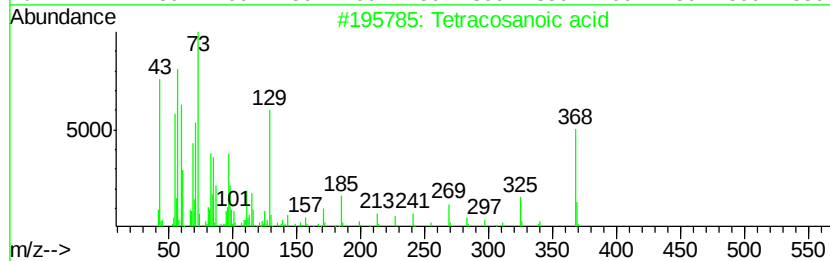
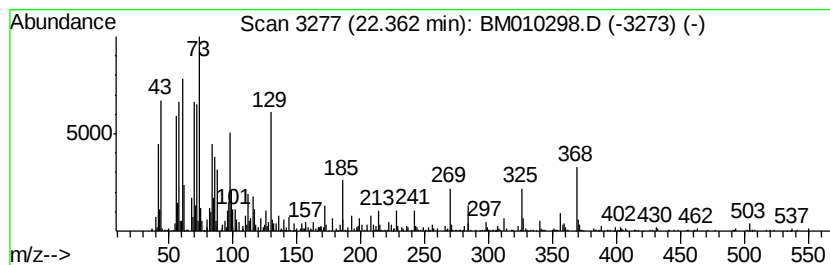
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Tetracosanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	5.28 ng/ul	1908180	Chrysene-d12	21.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosanoic acid	368	C24H48O2	000557-59-5	91
2			Octadecanoic acid	284	C18H36O2	000057-11-4	64
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	60
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	50
5			Tetracosanoic acid	368	C24H48O2	000557-59-5	49



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052717\
Data File : BM010298.D
Acq On : 28 May 2017 04:44
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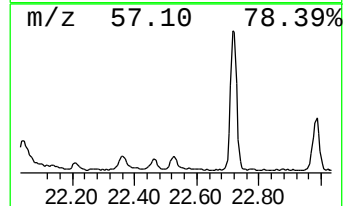
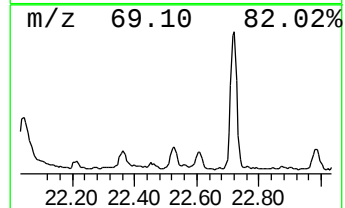
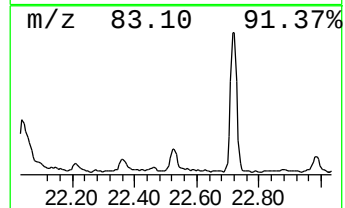
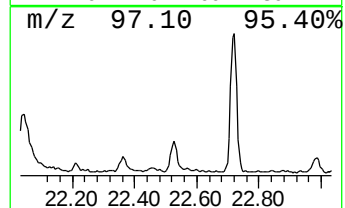
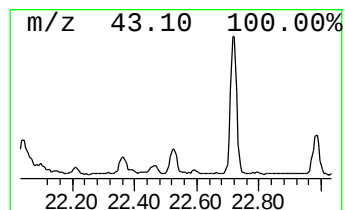
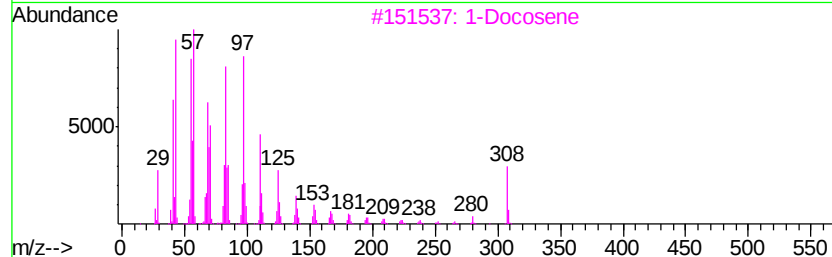
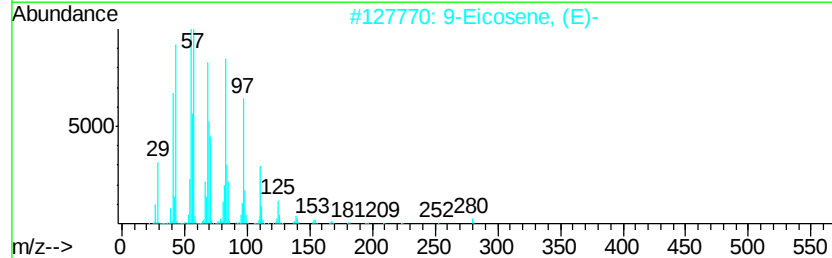
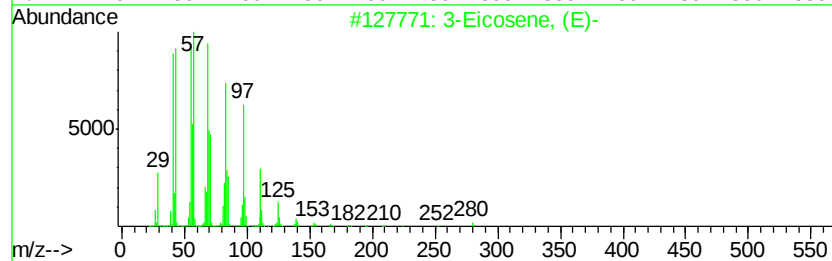
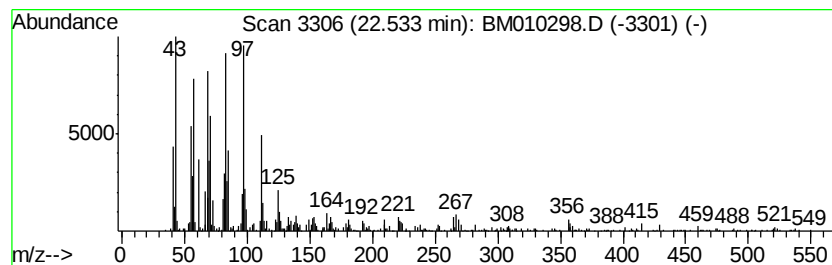
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Cyclic22.53 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	3.60 ng/ul	1300980	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-		280	C20H40	074685-33-9	96
2	9-Eicosene, (E)-		280	C20H40	074685-29-3	91
3	1-Docosene		308	C22H44	001599-67-3	90
4	9-Hexacosene		364	C26H52	071502-22-2	87
5	n-Tetracosanol-1		354	C24H50O	000506-51-4	70



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052717\
Data File : BM010298.D
Acq On : 28 May 2017 04:44
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Sample : I3162-17
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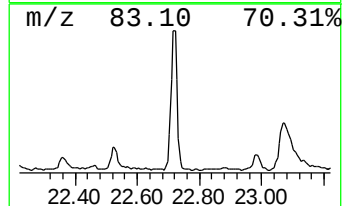
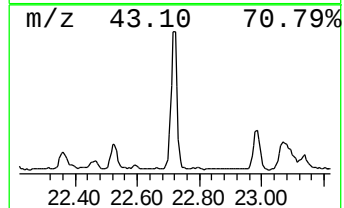
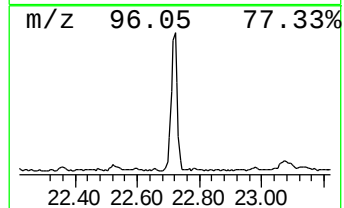
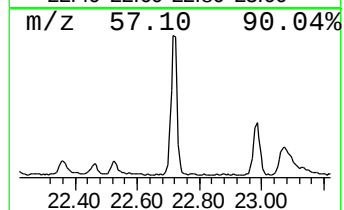
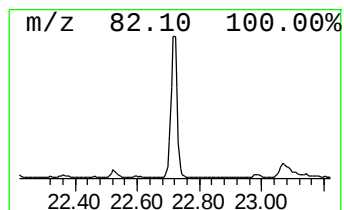
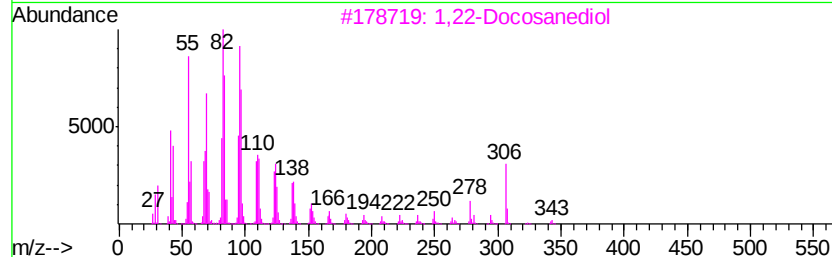
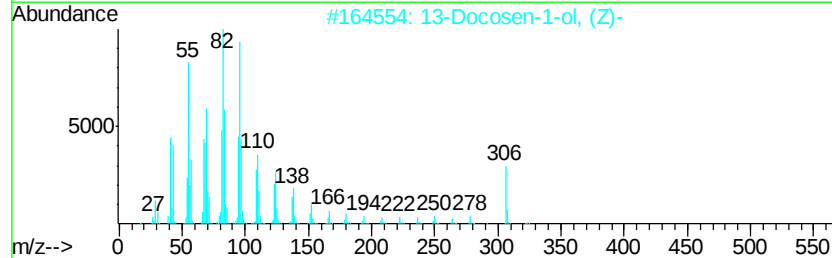
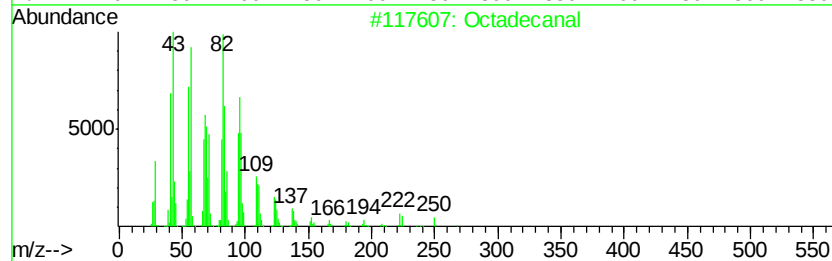
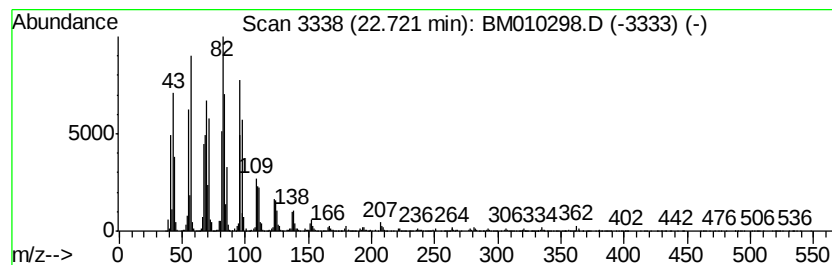
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Octadecanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.72	33.06 ng/ul	11753500	Perylene-d12	23.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	96
2		13-Docosen-1-ol, (Z)-	324	C22H44O	000629-98-1	95
3		1,22-Docosanediol	342	C22H46O2	022513-81-1	94
4		1,19-Eicosadiene	278	C20H38	014811-95-1	94
5		9-Octadecen-1-ol, (E)-	268	C18H36O	000506-42-3	93



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052717\
Data File : BM010298.D
Acq On : 28 May 2017 04:44
Operator : SJ/MA
Sample : I3162-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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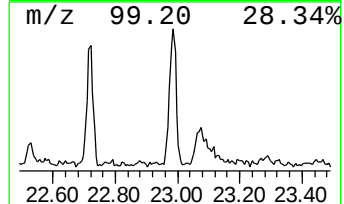
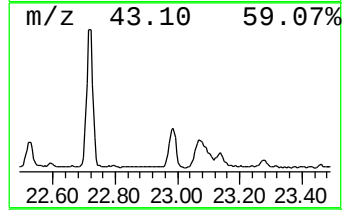
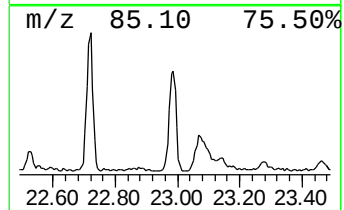
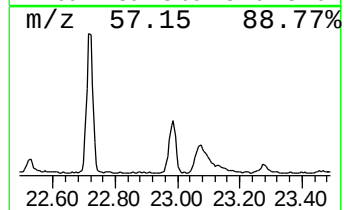
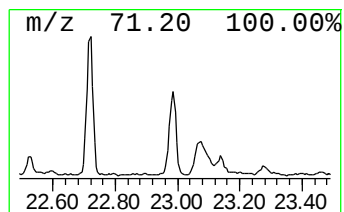
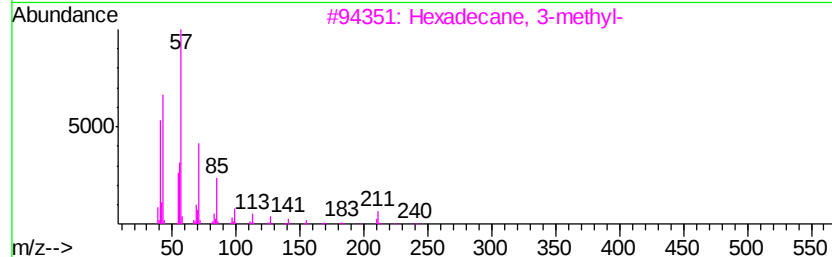
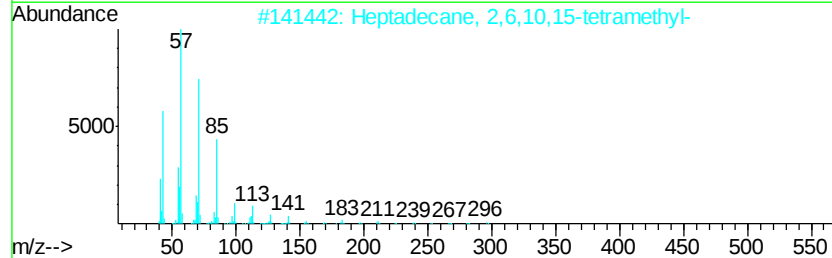
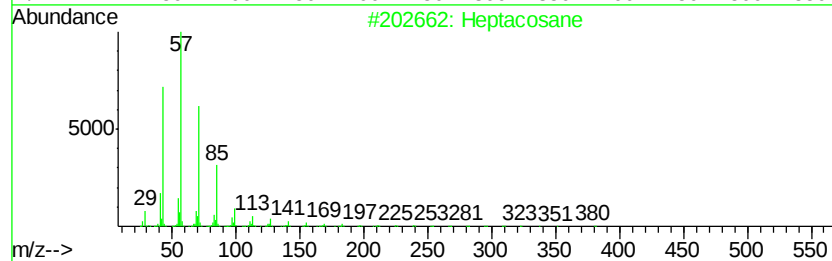
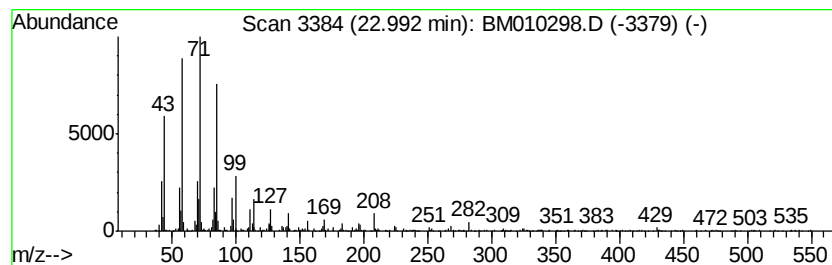
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	6.45 ng/ul	2293490	Perylene-d12	23.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	93
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Hexacosane	366	C26H54	000630-01-3	90



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ClientSampleId :
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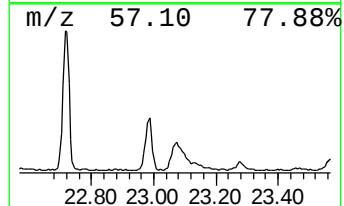
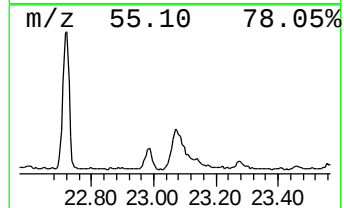
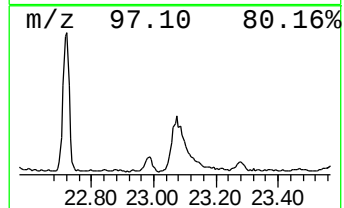
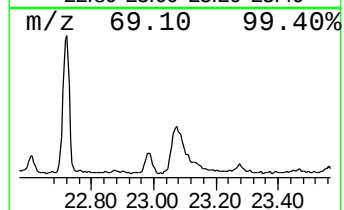
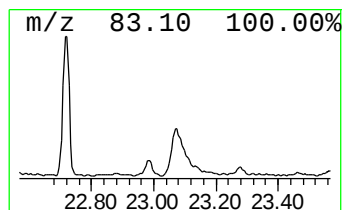
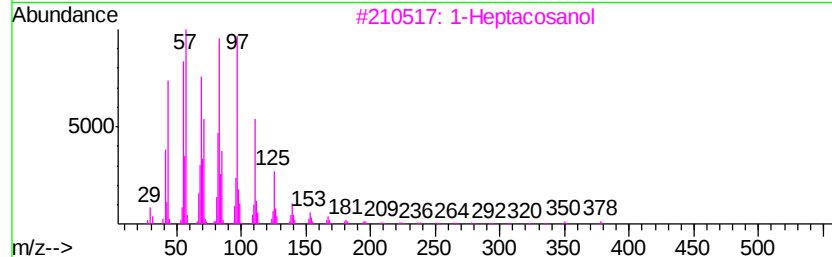
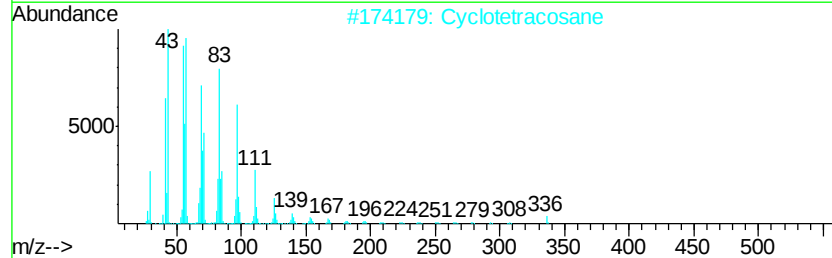
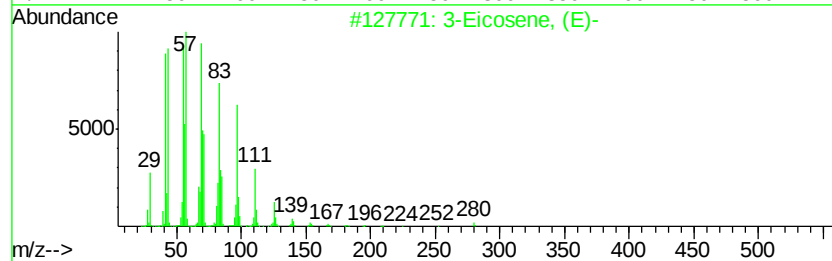
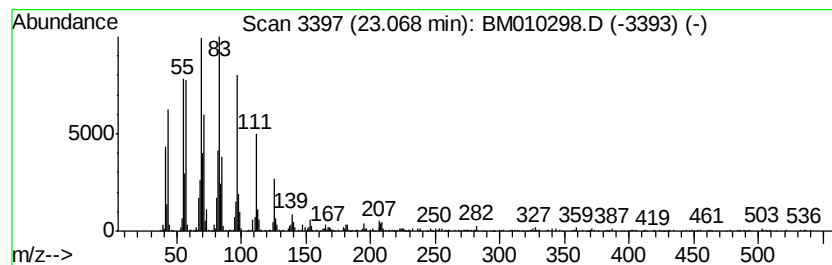
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Cyclic23.07 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	11.39 ng/ul	4050060	Perylene-d12	23.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2		Cyclotetracosane	336	C24H48	000297-03-0	93
3		1-Heptacosanol	396	C27H56O	002004-39-9	91
4		Cyclotetracosane	336	C24H48	000297-03-0	90
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	90



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Acq On : 28 May 2017 04:44
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Sample : I3162-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId :
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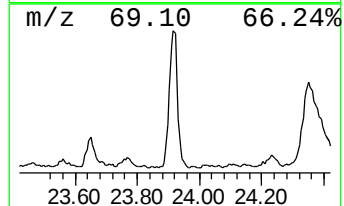
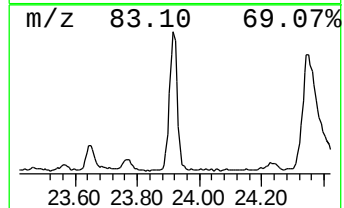
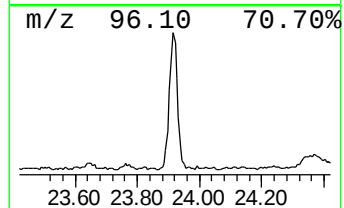
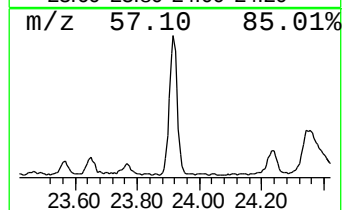
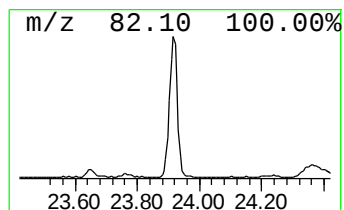
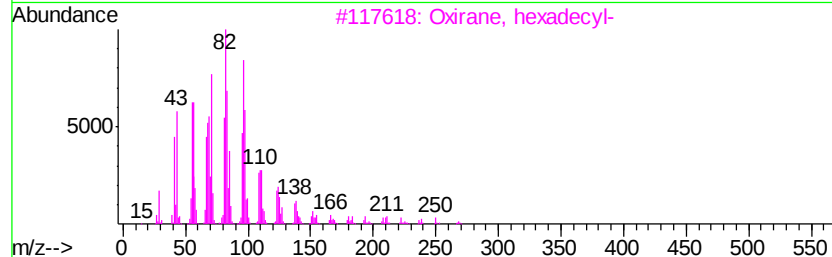
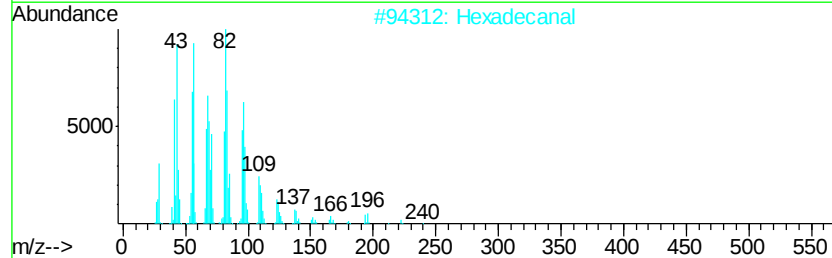
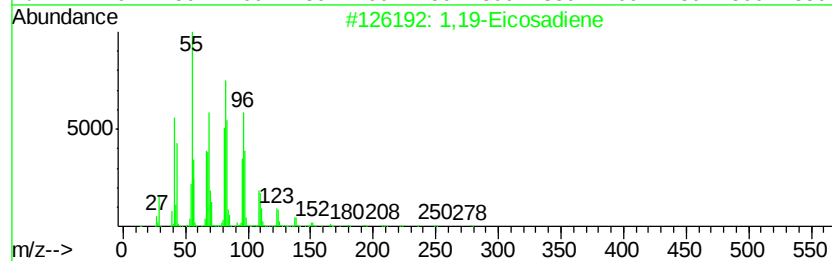
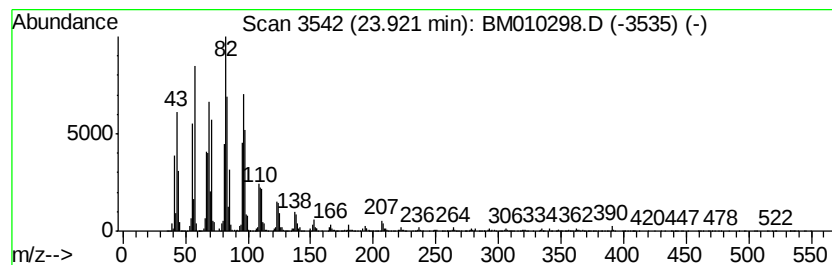
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 1,19-Eicosadiene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	35.87 ng/ul	12752200	Perylene-d12	23.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,19-Eicosadiene	278	C20H38	014811-95-1	98
2		Hexadecanal	240	C16H32O	000629-80-1	94
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
4		13-Docosen-1-ol, (Z)-	324	C22H44O	000629-98-1	93
5		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052717\
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Acq On : 28 May 2017 04:44
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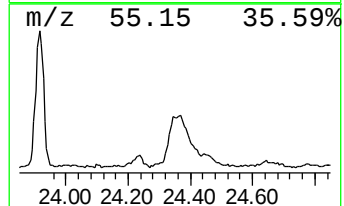
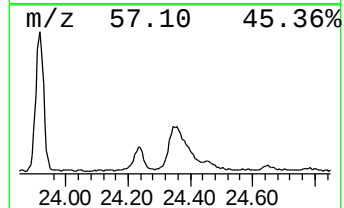
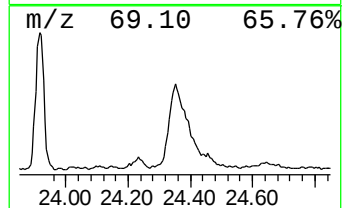
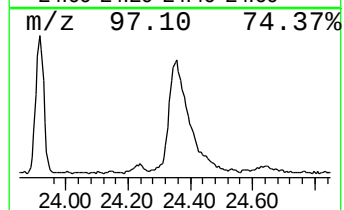
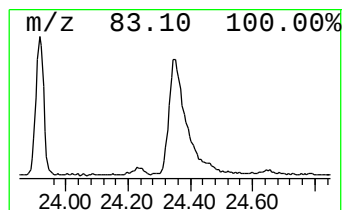
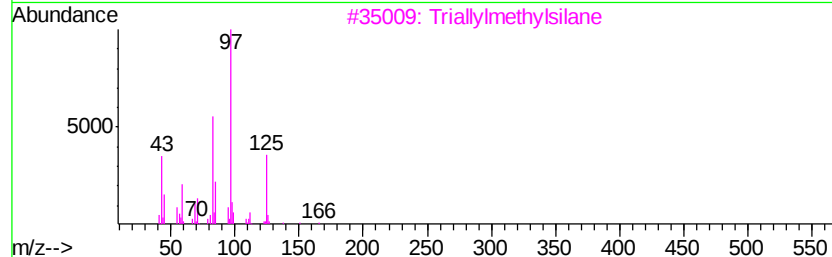
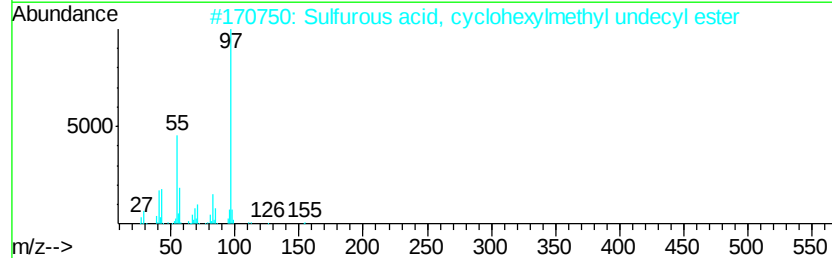
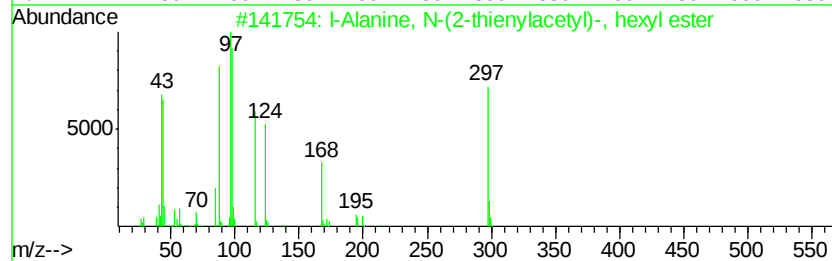
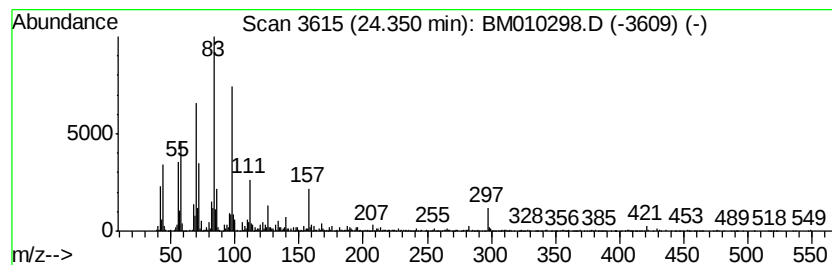
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 l-Alanine, N-(2-thienylacet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
24.35	26.75 ng/ul	9511450	Perylene-d12	23.82		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		l-Alanine, N-(2-thienylacetyl)-,...	297	C15H23N03S	1000314-06-1	83
2		Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	43
3		Triallylmethylsilane	166	C10H18Si	001112-91-0	43
4		Cyclohexanecarboxylic acid, 4-pe...	292	C18H25F02	079912-83-7	43
5		Cyclohexanecarboxylic acid, 3,5-...	240	C13H14F2O2	1000293-69-2	30



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052717\
Data File : BM010298.D
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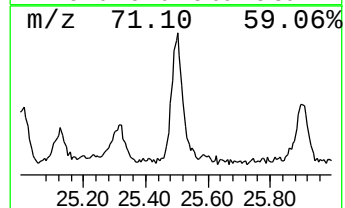
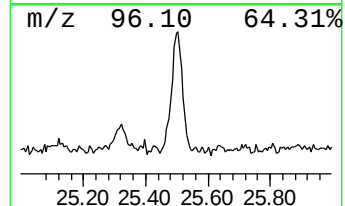
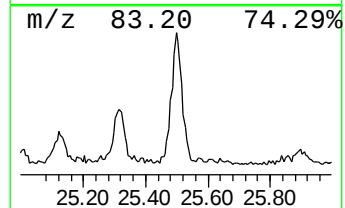
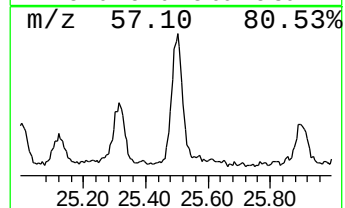
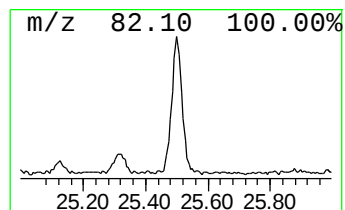
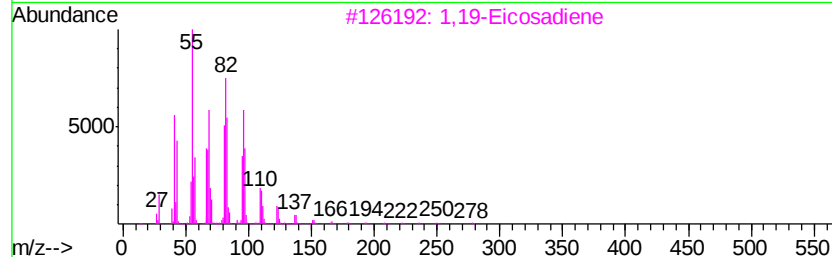
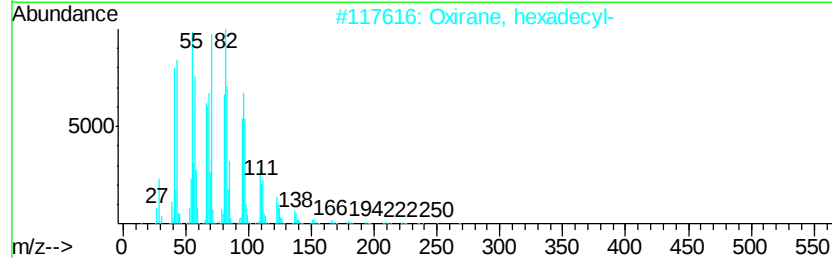
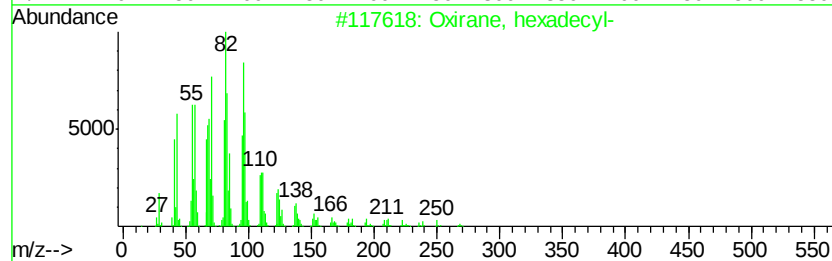
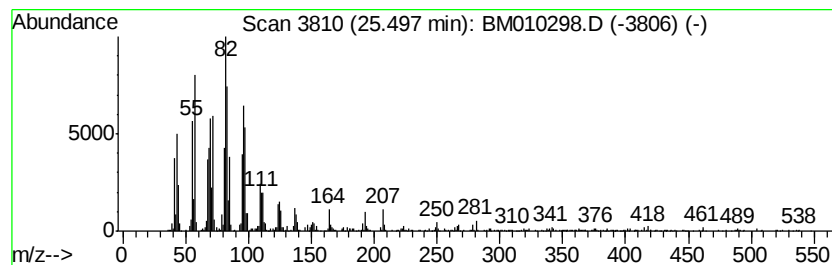
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Oxirane, hexadecyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.50	10.02 ng/ul	3562550	Perylene-d12	23.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
3		1,19-Eicosadiene	278	C20H38	014811-95-1	87
4		Tetradecanal	212	C14H28O	000124-25-4	86
5		1,16-Hexadecanediol	258	C16H34O2	007735-42-4	86



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052717\
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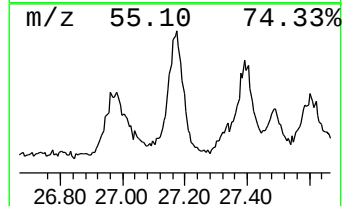
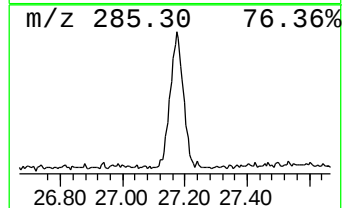
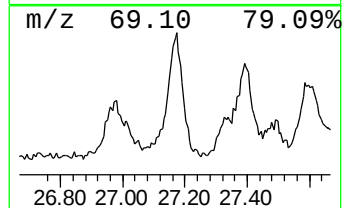
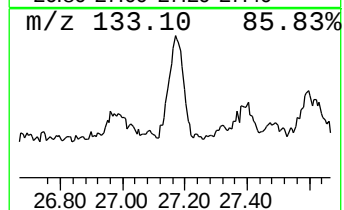
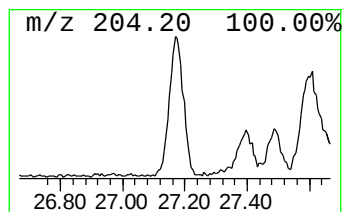
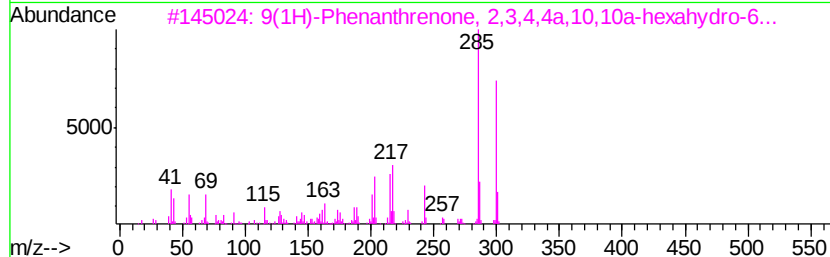
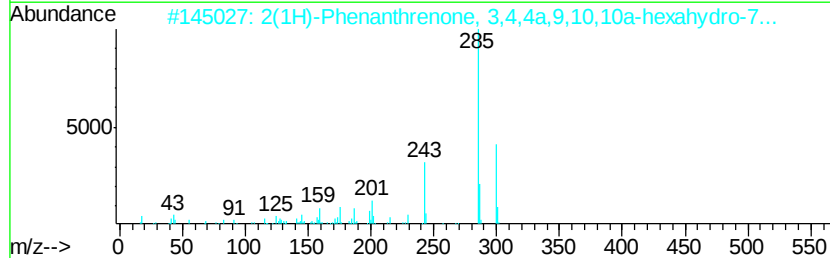
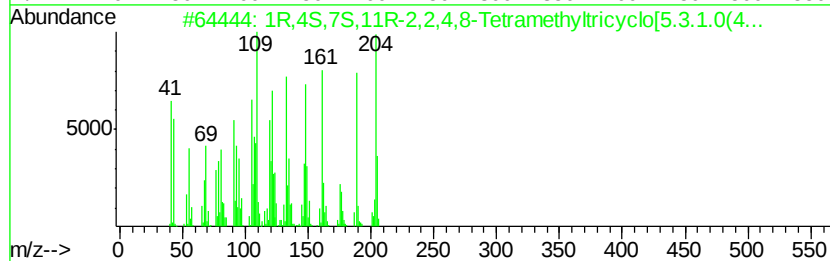
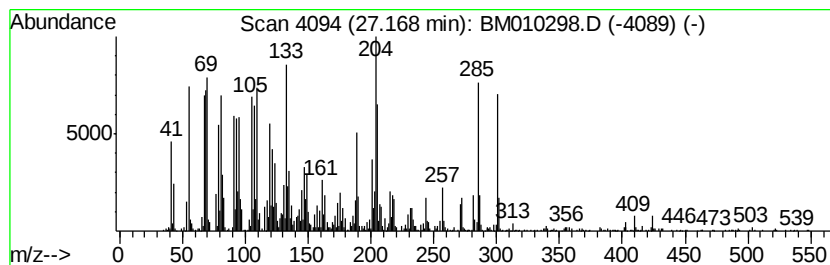
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 1R,4S,7S,11R-2,2,4,8-Tetram... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.17	25.11 ng/ul	8928890	Perylene-d12	23.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	86
2		2(1H)-Phenanthrenone, 3,4,4a,9,1...	300	C20H28O2	006755-93-7	48
3		9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	45
4		.alpha.-Guaiene	204	C15H24	003691-12-1	38
5		Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	30



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052717\
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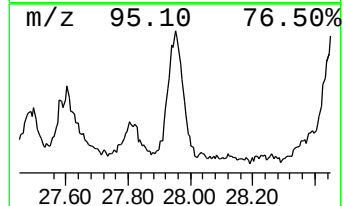
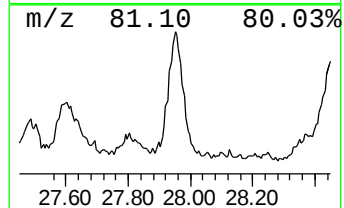
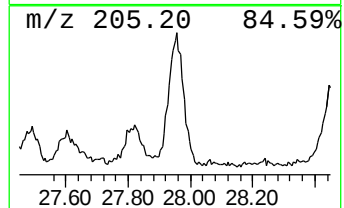
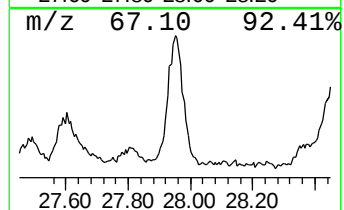
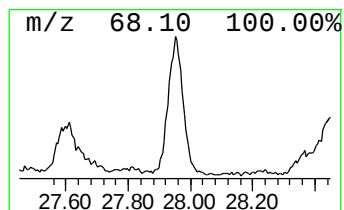
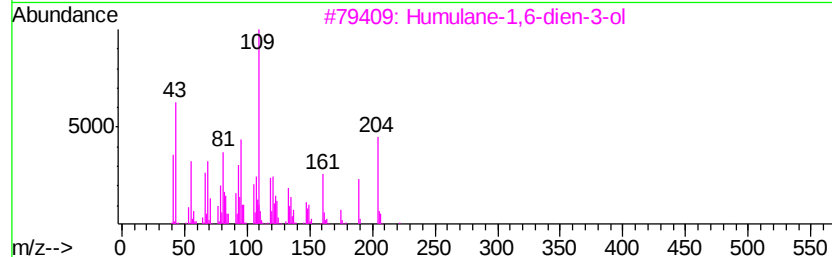
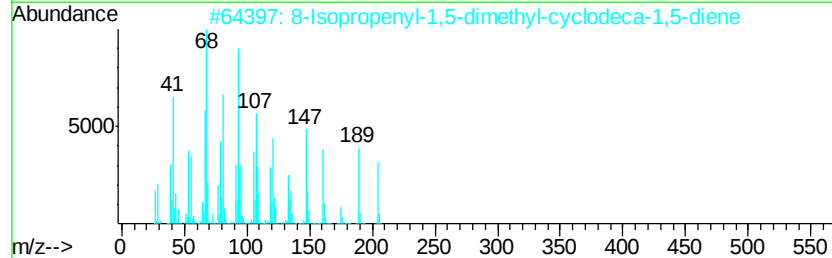
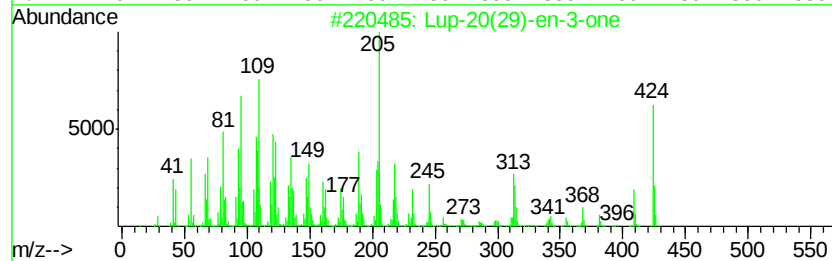
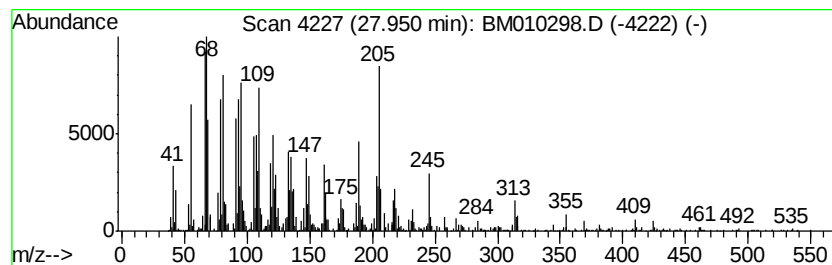
Instrument :
BNA_M
ClientSampleId :
JHSF3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Lup-20(29)-en-3-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.95	21.38 ng/ul	7602550	Perylene-d12	23.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Lup-20(29)-en-3-one	424 C30H48O	001617-70-5 66
2		8-Isopropenyl-1,5-dimethyl-cyclo...	204 C15H24	1000193-62-7 53
3		Humulane-1,6-dien-3-ol	222 C15H26O	1000140-23-1 50
4		D:C-Friedoolean-8-en-3-one	424 C30H48O	022611-26-3 49
5		2,6,6,9,2',6',6',9'-Octamethyl-[...]	410 C30H50	1000189-48-2 46



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052717\
Data File : BM010298.D
Acq On : 28 May 2017 04:44
Operator : SJ/MA
Sample : I3162-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

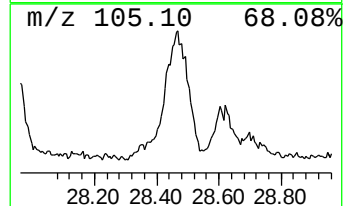
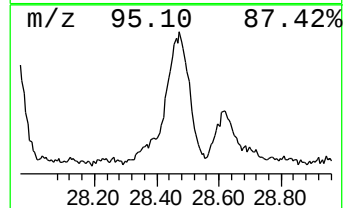
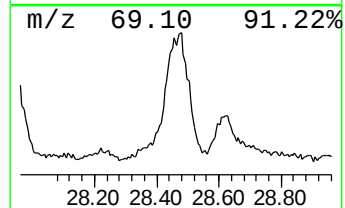
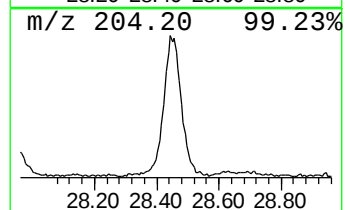
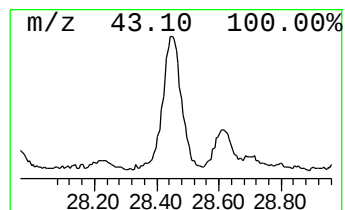
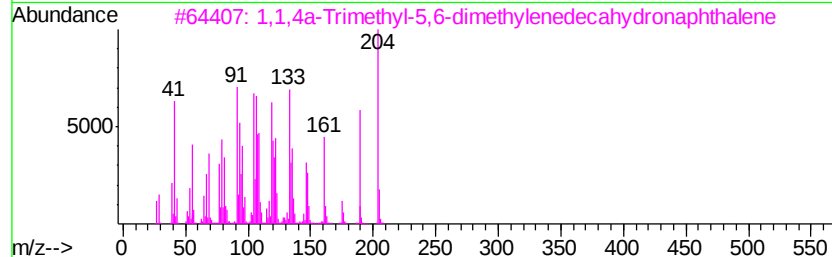
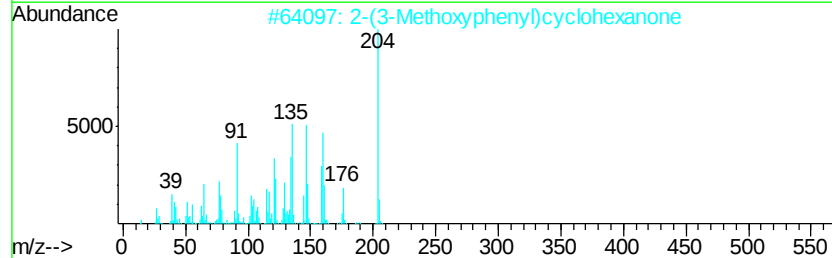
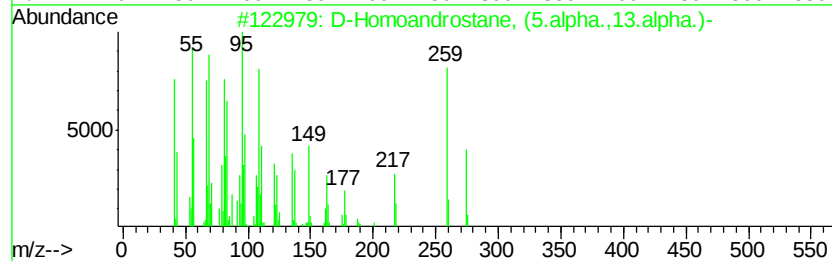
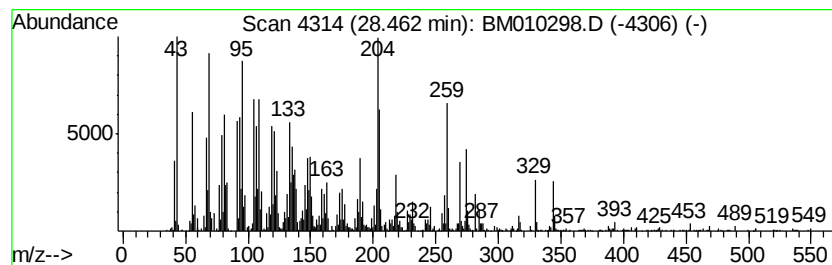
Instrument :
BNA_M
ClientSampleId :
JHSF3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 D-Homoandrostane, (5.alpha.... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
28.46	41.94 ng/ul	14910000	Perylene-d12	23.82		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Homoandrostane, (5.alpha.,13.a...	274	C20H34		054482-31-4	70
2	2-(3-Methoxyphenyl)cyclohexanone	204	C13H16O2		015547-89-4	50
3	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24		1000193-60-8	49
4	Humulane-1,6-dien-3-ol	222	C15H26O		1000140-23-1	46
5	Farnesyl bromide	284	C15H25Br		006874-67-5	44



Data Path : Z:\HPCHEM1\BNA_M\Data\BM052717\
 Data File : BM010298.D
 Acq On : 28 May 2017 04:44
 Operator : SJ/MA
 Sample : I3162-17
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSF3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentadecanoic acid	17.16	2.4	ng/ul	606913	4	17.31	4996380	20.0
Hexadecenoic acid...	18.04	3.0	ng/ul	748690	4	17.31	4996380	20.0
n-Hexadecanoic acid	18.16	6.8	ng/ul	1694340	4	17.31	4996380	20.0
unknown-01	18.46	7.2	ng/ul	1798390	4	17.31	4996380	20.0
Benzamide, N-(2-f...	18.56	2.5	ng/ul	621137	4	17.31	4996380	20.0
18-Norabietane	18.73	8.3	ng/ul	2063900	4	17.31	4996380	20.0
unknown-02	19.33	2.4	ng/ul	610760	4	17.31	4996380	20.0
(DEL) Alkane: Cyc...	20.16	3.1	ng/ul	1130180	5	21.47	7230850	20.0
unknown-03	20.29	2.4	ng/ul	873279	5	21.47	7230850	20.0
Eicosanoic acid	20.50	4.1	ng/ul	1471330	5	21.47	7230850	20.0
(DEL) Alkane: Str...	21.12	12.5	ng/ul	4508350	5	21.47	7230850	20.0
Fumaric acid, 2-m...	21.14	15.4	ng/ul	5556930	5	21.47	7230850	20.0
16-Octadecenal	21.74	4.9	ng/ul	1774840	5	21.47	7230850	20.0
(DEL) Alkane: Str...	21.99	11.0	ng/ul	3977600	5	21.47	7230850	20.0
(DEL) Alkane: Cyc...	22.04	12.6	ng/ul	4554490	5	21.47	7230850	20.0
Tetracosanoic acid	22.36	5.3	ng/ul	1908180	5	21.47	7230850	20.0
(DEL) Alkane: Cyc...	22.53	3.6	ng/ul	1300980	5	21.47	7230850	20.0
Octadecanal	22.72	33.1	ng/ul	11753500	6	23.82	7110610	20.0
(DEL) Alkane: Str...	22.99	6.5	ng/ul	2293490	6	23.82	7110610	20.0
(DEL) Alkane: Cyc...	23.07	11.4	ng/ul	4050060	6	23.82	7110610	20.0
1,19-Eicosadiene	23.92	35.9	ng/ul	12752200	6	23.82	7110610	20.0
l-Alanine, N-(2-t...	24.35	26.8	ng/ul	9511450	6	23.82	7110610	20.0
Oxirane, hexadecyl-	25.50	10.0	ng/ul	3562550	6	23.82	7110610	20.0
1R,4S,7S,11R-2,2,...	27.17	25.1	ng/ul	8928890	6	23.82	7110610	20.0
Lup-20(29)-en-3-one	27.95	21.4	ng/ul	7602550	6	23.82	7110610	20.0
D-Homoandrostande,...	28.46	41.9	ng/ul	14910000	6	23.82	7110610	20.0