

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
 Data File : BM010288.D
 Acq On : 27 May 2017 22:44
 Operator : SJ/MA
 Sample : I3162-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSE3

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	7.110	678	684	696	rBV2	667283	1271218	5.77%	0.762%
2	7.269	705	711	719	rBV	496466	781397	3.55%	0.469%
3	7.469	738	745	756	rBV	784602	1262419	5.73%	0.757%
4	7.928	816	823	835	rBV	1983110	3183683	14.45%	1.910%
5	8.651	938	946	956	rBV	855358	1400998	6.36%	0.840%
6	9.116	1019	1025	1032	rVB	608496	981708	4.46%	0.589%
7	9.828	1138	1146	1155	rBV	569816	992756	4.51%	0.595%
8	10.357	1230	1236	1248	rBV	863105	1593451	7.23%	0.956%
9	10.734	1293	1300	1308	rBV	2328584	3900943	17.70%	2.340%
10	11.863	1483	1492	1497	rBV	157008	241526	1.10%	0.145%
11	13.975	1843	1851	1856	rBV	1755509	2426119	11.01%	1.455%
12	14.022	1856	1859	1867	rVB	463941	622484	2.83%	0.373%
13	14.263	1892	1900	1908	rVB	1730403	2560456	11.62%	1.536%
14	14.563	1944	1951	1960	rBV2	3250201	5043116	22.89%	3.025%
15	14.804	1983	1992	2000	rBV	430507	845533	3.84%	0.507%
16	15.551	2110	2119	2126	rBV	2248183	3347005	15.19%	2.008%
17	15.674	2134	2140	2146	rBV	645145	887441	4.03%	0.532%
18	17.163	2389	2393	2400	rBV2	633337	986897	4.48%	0.592%
19	17.227	2400	2404	2410	rVV4	239076	400264	1.82%	0.240%
20	17.310	2412	2418	2428	rVV	4368670	6283516	28.52%	3.769%
21	17.404	2428	2434	2445	rVV	2390648	3596408	16.32%	2.157%
22	17.492	2445	2449	2456	rVB5	186282	275425	1.25%	0.165%
23	18.045	2536	2543	2549	rBV3	451161	871052	3.95%	0.522%
24	18.104	2549	2553	2557	rVB4	199466	268860	1.22%	0.161%
25	18.157	2557	2562	2570	rBV	1793347	2484425	11.28%	1.490%
26	18.463	2608	2614	2624	rVV3	1535805	2633343	11.95%	1.579%
27	18.804	2669	2672	2675	rVV2	371152	431198	1.96%	0.259%
28	19.051	2710	2714	2718	rBV4	377395	535918	2.43%	0.321%
29	19.086	2718	2720	2724	rVV4	255087	333689	1.51%	0.200%
30	19.127	2724	2727	2734	rVB	527540	686496	3.12%	0.412%
31	19.315	2755	2759	2760	rBV	691521	743711	3.38%	0.446%
32	19.427	2774	2778	2781	rBV	771148	928907	4.22%	0.557%
33	19.692	2818	2823	2829	rVB2	3408003	4707250	21.36%	2.823%
34	19.939	2862	2865	2870	rBV3	282271	394440	1.79%	0.237%

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35	20.162	2899	2903	2911	rBV4	441842	733165	3.33%	0.440%
36	20.398	2940	2943	2946	rBV3	206115	284824	1.29%	0.171%
37	20.504	2957	2961	2968	rBV2	1709186	2780564	12.62%	1.668%
38	20.633	2979	2983	2989	rBV	821257	1026600	4.66%	0.616%
39	21.115	3061	3065	3067	rBV	1194915	1353528	6.14%	0.812%
40	21.145	3067	3070	3077	rVB2	1227865	2258069	10.25%	1.354%
41	21.439	3115	3120	3122	rBV	3457680	4812798	21.84%	2.887%
42	21.468	3122	3125	3133	rVB	8035196	9728203	44.15%	5.835%
43	21.745	3169	3172	3177	rVB2	751780	828122	3.76%	0.497%
44	21.992	3210	3214	3218	rBV	2202326	3106908	14.10%	1.864%
45	22.051	3219	3224	3244	rVB4	2196190	7552530	34.28%	4.530%
46	22.362	3273	3277	3289	rBV	2767180	5044285	22.89%	3.026%
47	22.715	3333	3337	3344	rVB	3168644	4284244	19.44%	2.570%
48	22.986	3379	3383	3391	rVB	1601967	2327595	10.56%	1.396%
49	23.080	3394	3399	3406	rBV4	1161441	3148764	14.29%	1.889%
50	23.668	3493	3499	3508	rVB2	2884263	6080221	27.60%	3.647%
51	23.768	3512	3516	3519	rVV3	1210493	2156537	9.79%	1.294%
52	23.821	3520	3525	3534	rVV	5016071	9294101	42.18%	5.575%
53	23.915	3536	3541	3551	rVB	2627677	4816241	21.86%	2.889%
54	24.350	3608	3615	3630	rBV	7077131	22033330	100.00%	13.216%
55	25.315	3774	3779	3790	rVB2	1922845	4605207	20.90%	2.762%
56	27.168	4088	4094	4111	rVB9	3233395	10560937	47.93%	6.335%

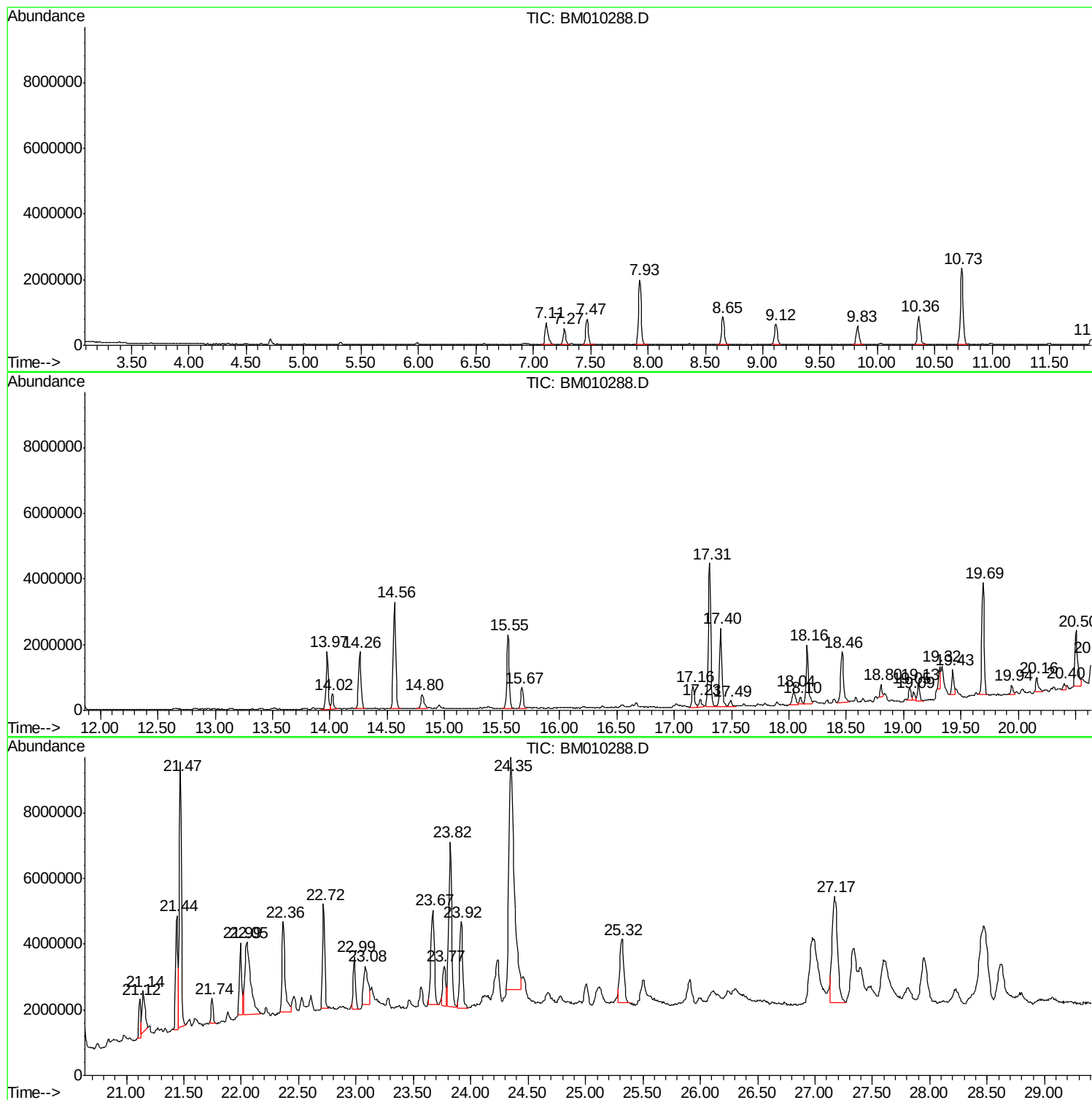
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



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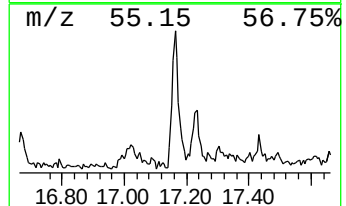
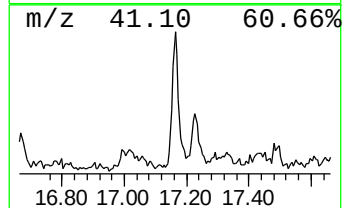
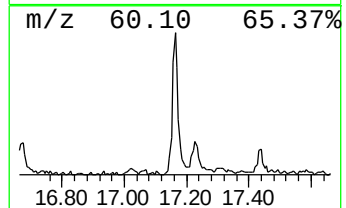
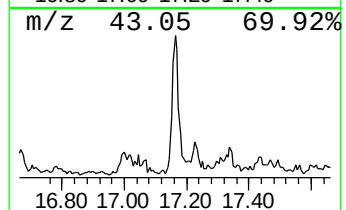
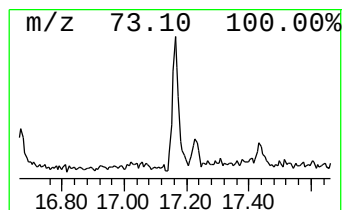
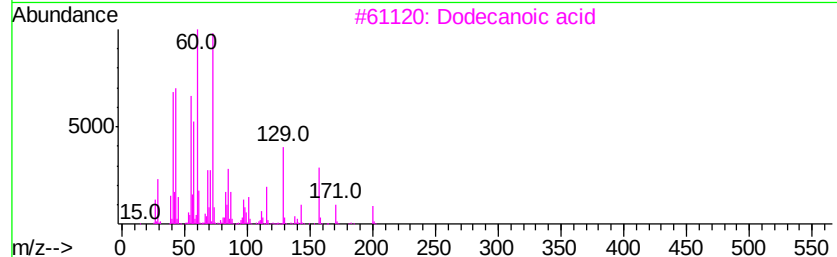
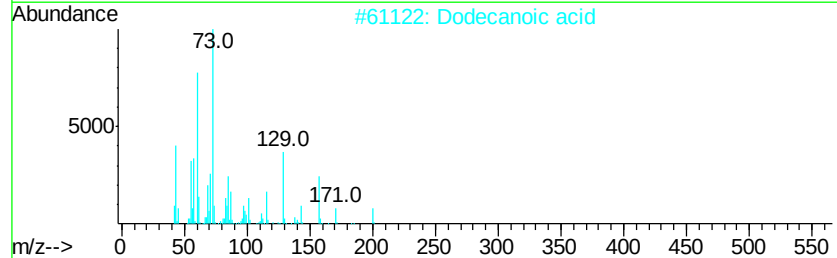
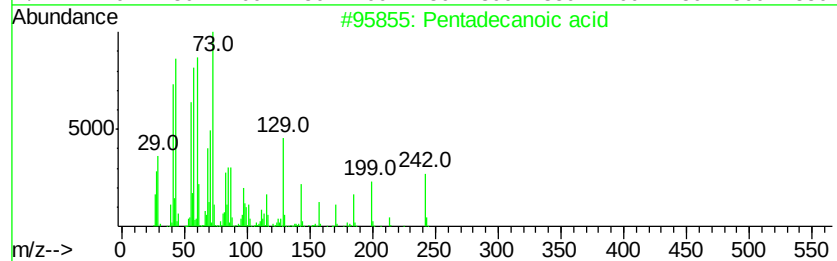
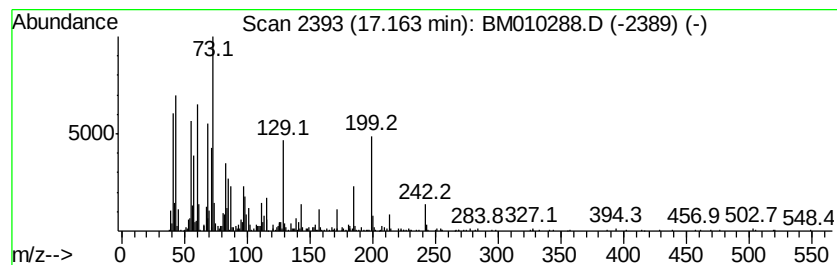
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Pentadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.16	3.14 ng/ul	986897	Phenanthrene-d10		17.31	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
2		Dodecanoic acid	200	C12H24O2	000143-07-7	78
3		Dodecanoic acid	200	C12H24O2	000143-07-7	62
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	58



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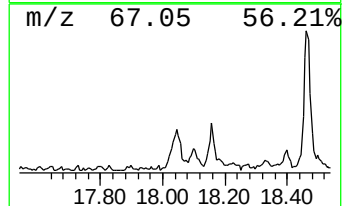
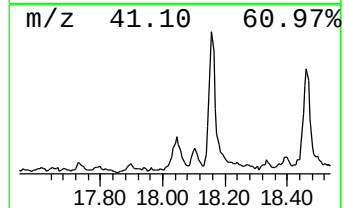
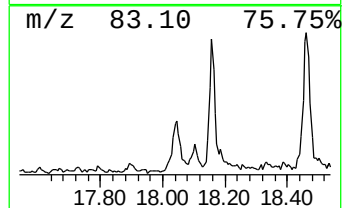
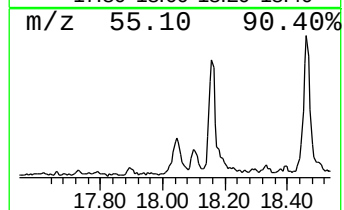
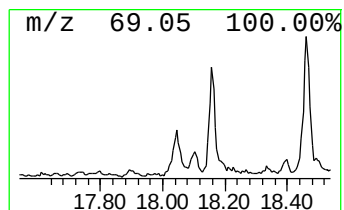
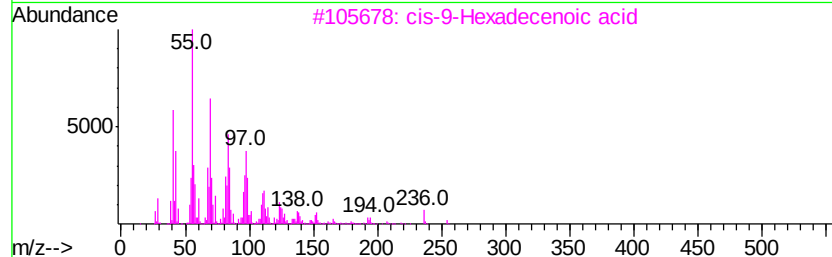
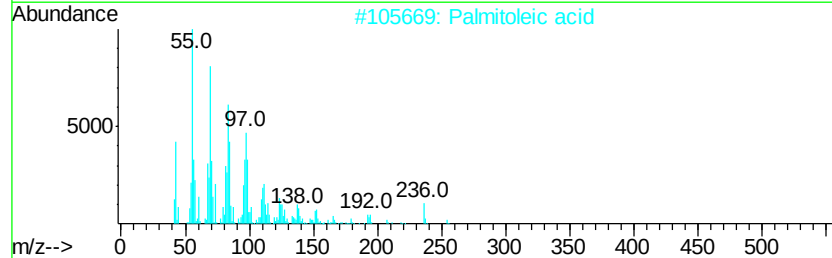
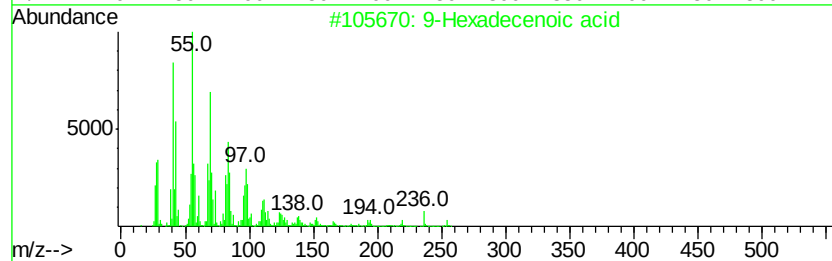
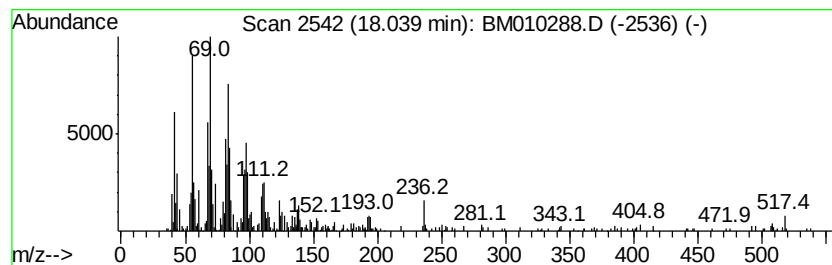
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 9-Hexadecenoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.04	2.77 ng/ul	871052	Phenanthrene-d10	17.31		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	97
2		Palmitoleic acid	254	C16H30O2	000373-49-9	96
3		cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	90
4		1H-Imidazole, 2-ethyl-4,5-dihydr...	112	C6H12N2	000931-35-1	50
5		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	46



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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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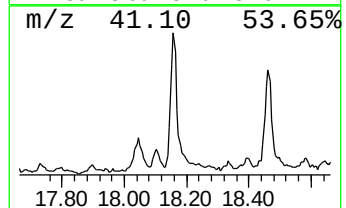
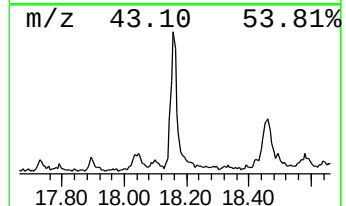
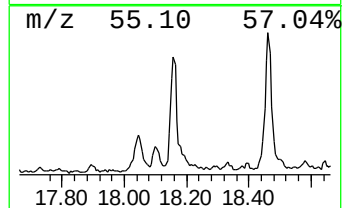
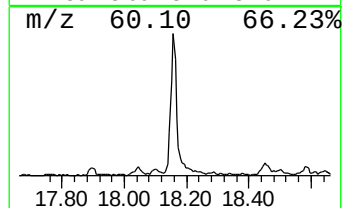
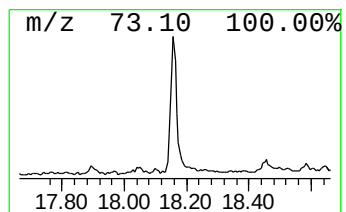
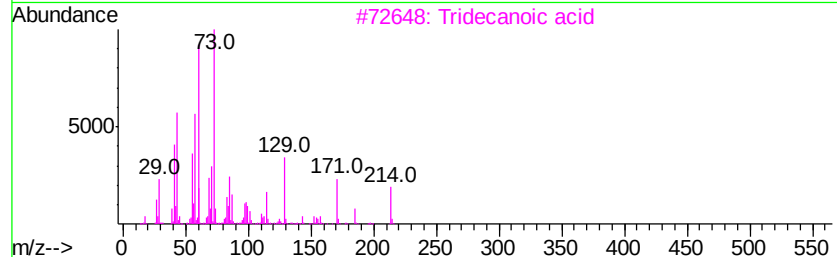
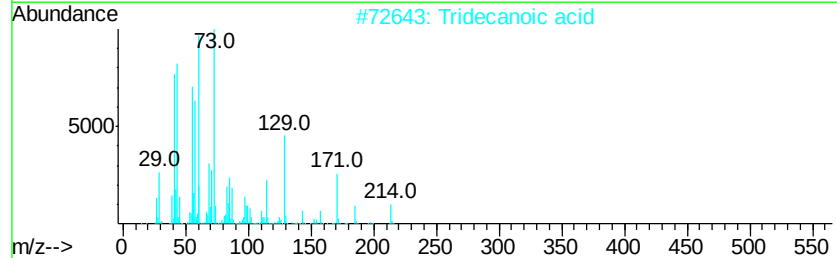
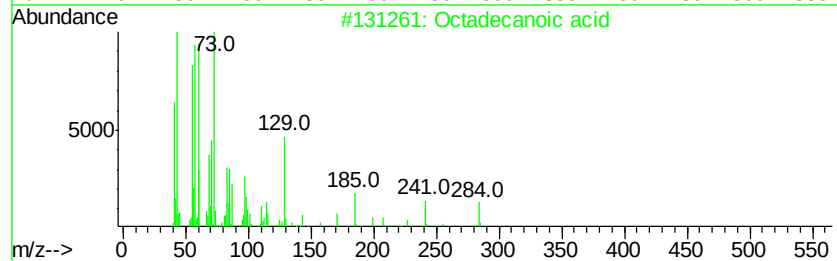
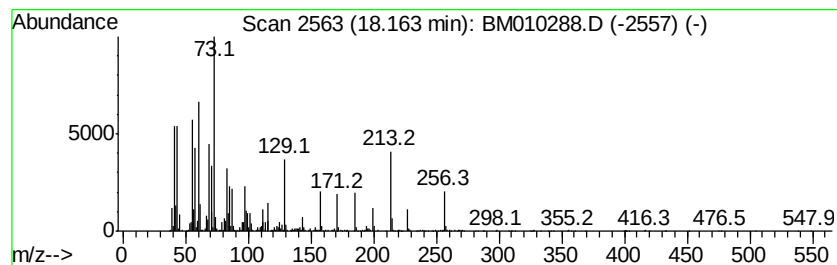
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	7.91 ng/ul	2484430	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	92
2		Tridecanoic acid	214	C13H26O2	000638-53-9	89
3		Tridecanoic acid	214	C13H26O2	000638-53-9	78
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70



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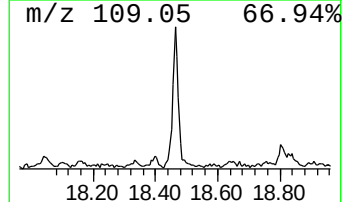
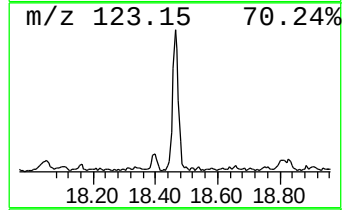
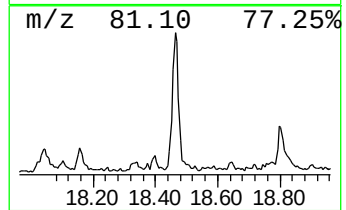
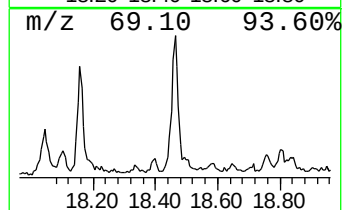
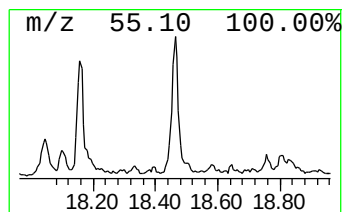
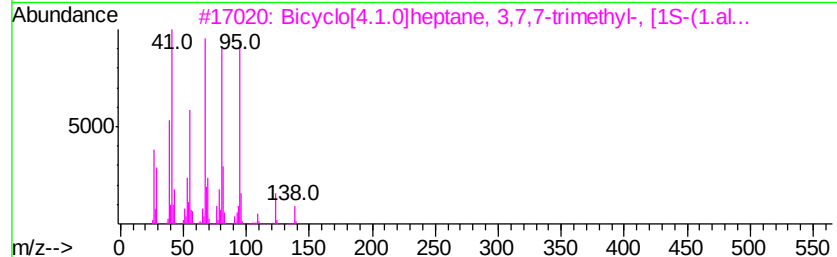
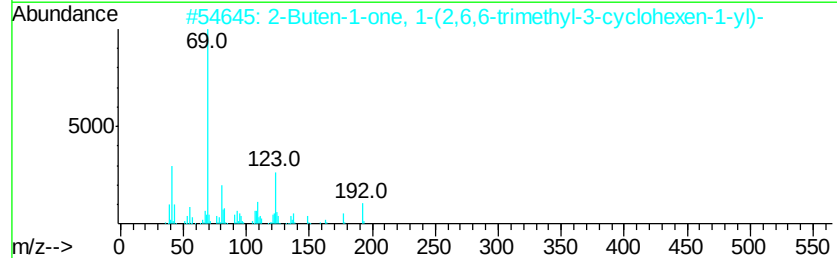
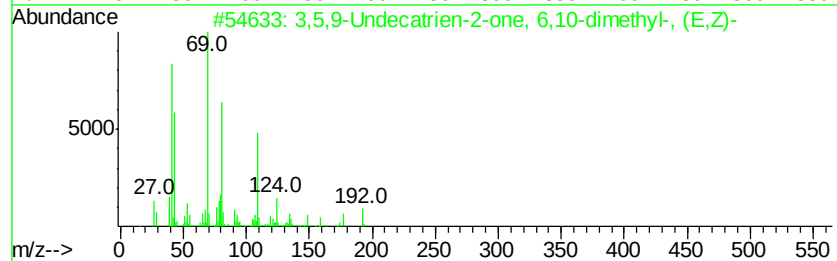
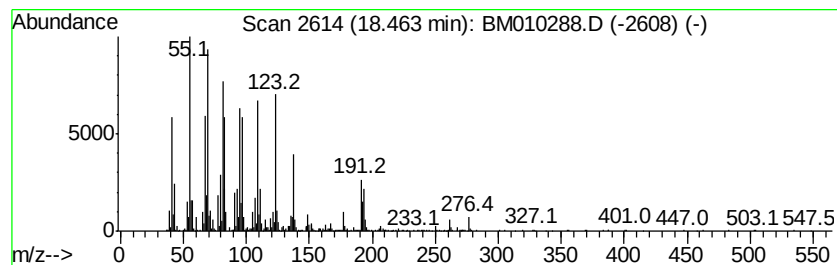
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TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	8.38 ng/ul	2633340	Phenanthrene-d10	17.31
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3,5,9-Undecatrien-2-one, 6,10-di...	192 C13H20O	013927-47-4	45
2	2-Buten-1-one, 1-(2,6,6-trimethy...	192 C13H20O	041436-42-4	38
3	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138 C10H18	006069-97-2	35
4	Cyclopentanecarboxylic acid, 3-m...	262 C17H26O2	074793-59-2	30
5	Cyclopropanemethanol, .alpha.,2-...	182 C12H22O	121959-70-4	27



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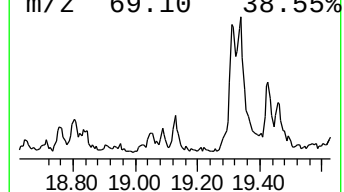
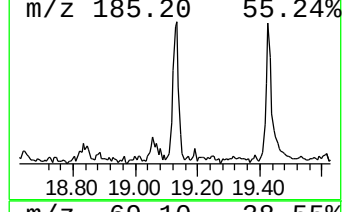
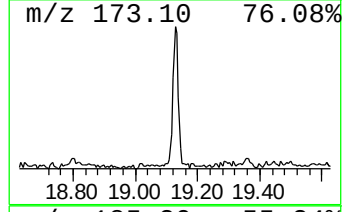
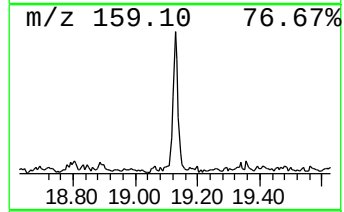
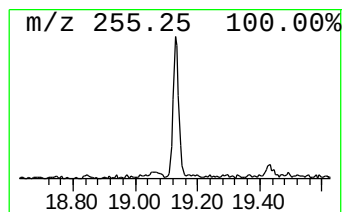
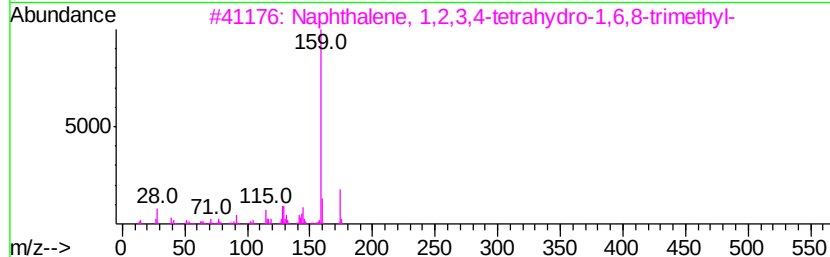
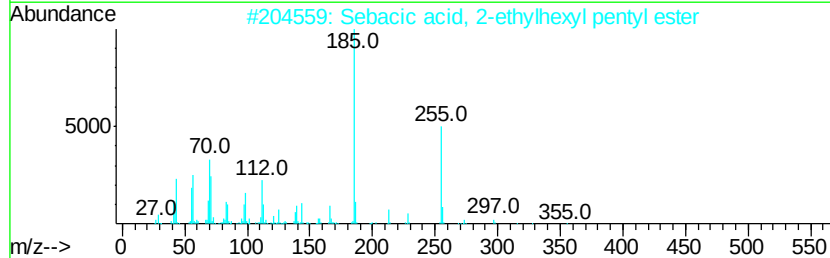
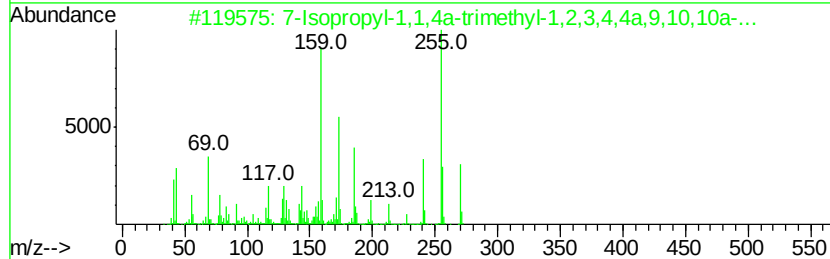
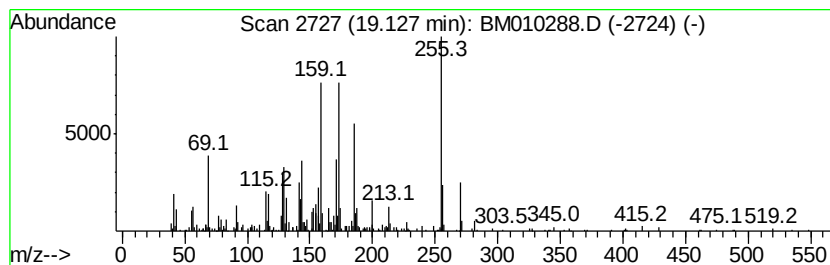
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 7-Isopropyl-1,1,4a-trimethy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	2.19 ng/ul	686496	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Isopropyl-1,1,4a-trimethyl-1,2...	270	C20H30	1000210-28-9	76
2		Sebacic acid, 2-ethylhexyl pentyl...	384	C23H44O4	1000354-20-0	27
3		Naphthalene, 1,2,3,4-tetrahydro...	174	C13H18	030316-36-0	25
4		Sebacic acid, 4-heptyl pentyl ester	370	C22H42O4	1000355-38-5	22
5		Styrene, 2-nitro-3'-[4-methylphe...	255	C15H13NO3	1000126-04-1	15



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010288.D
Acq On : 27 May 2017 22:44
Operator : SJ/MA
Sample : I3162-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSE3

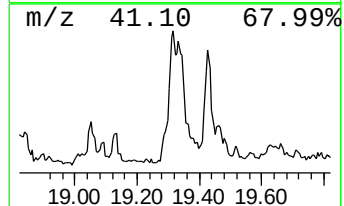
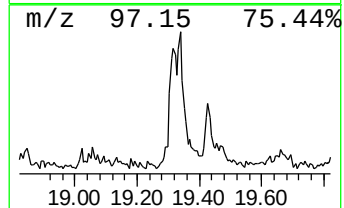
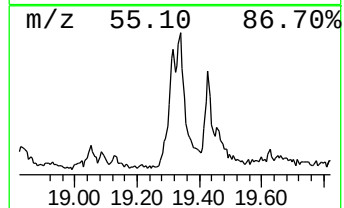
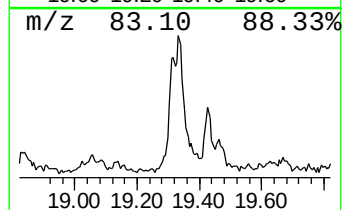
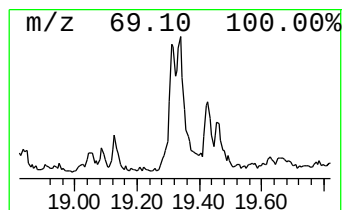
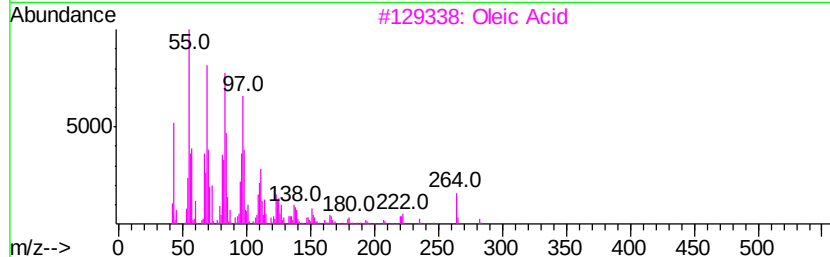
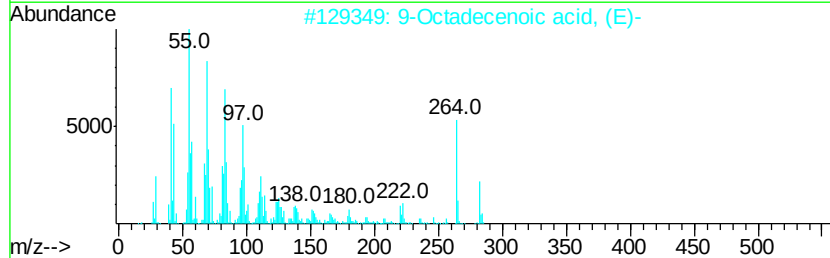
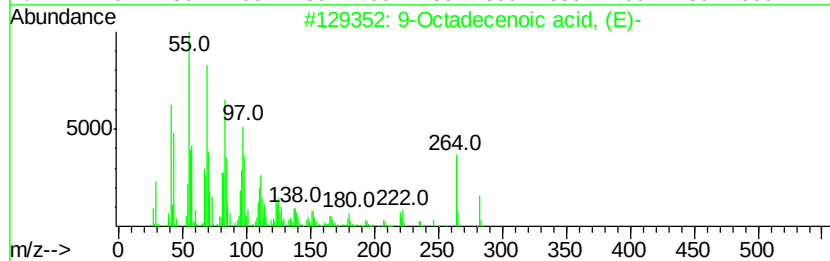
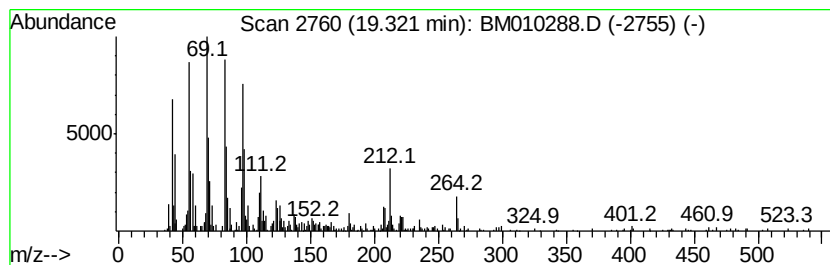
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 9-Octadecenoic acid, (E)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	2.37 ng/ul	743711	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	72
2		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	59
3		Oleic Acid	282	C18H34O2	000112-80-1	49
4		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	38
5		Cyclopentanecarboxylic acid, 4-n...	235	C12H13NO4	1000307-58-0	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
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Acq On : 27 May 2017 22:44
Operator : SJ/MA
Sample : I3162-06
Misc :
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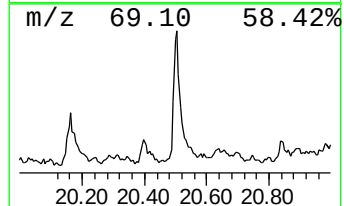
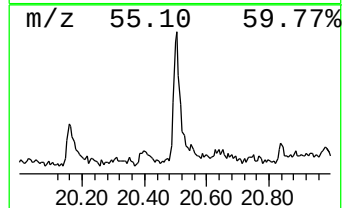
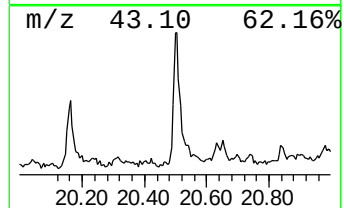
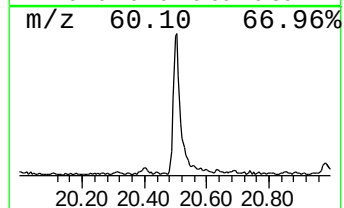
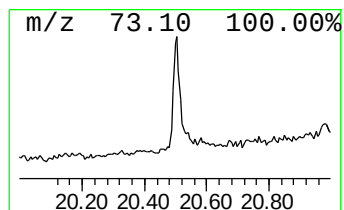
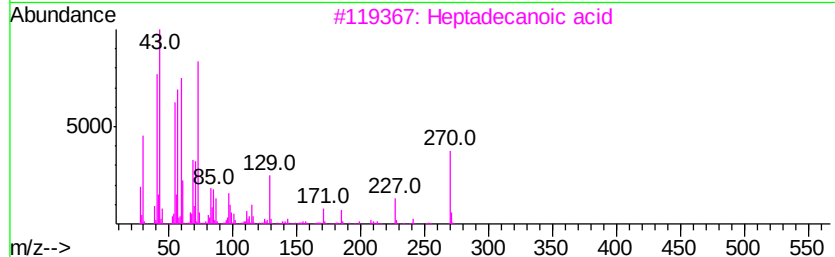
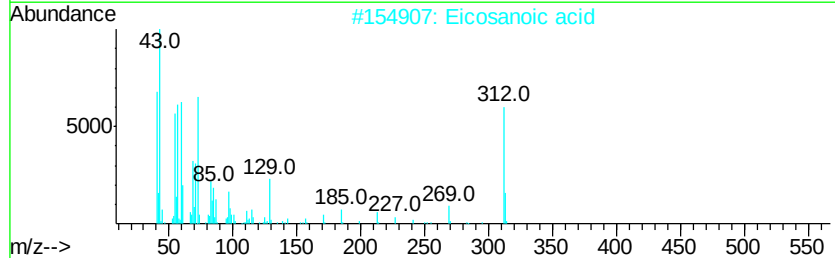
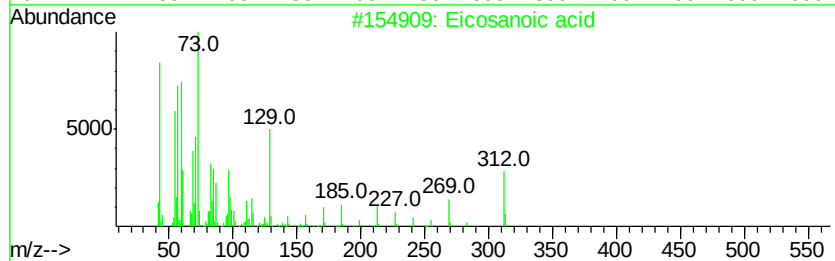
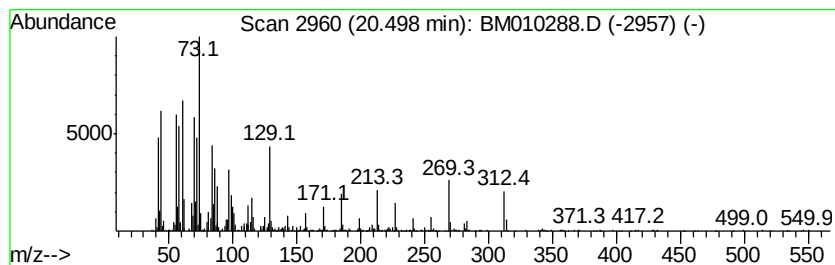
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Eicosanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	5.72 ng/ul	2780560	Chrysene-d12	21.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosanoic acid	312 C20H40O2	000506-30-9	95
2	Eicosanoic acid	312 C20H40O2	000506-30-9	90
3	Heptadecanoic acid	270 C17H34O2	000506-12-7	70
4	Heptadecanoic acid	270 C17H34O2	000506-12-7	55
5	Eicosanoic acid	312 C20H40O2	000506-30-9	53



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010288.D
Acq On : 27 May 2017 22:44
Operator : SJ/MA
Sample : I3162-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

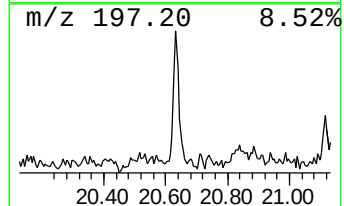
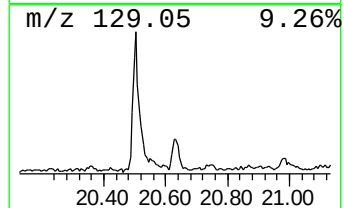
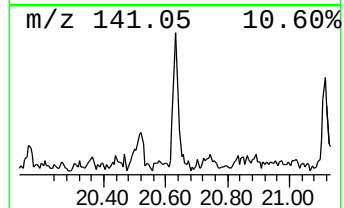
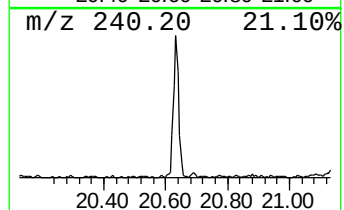
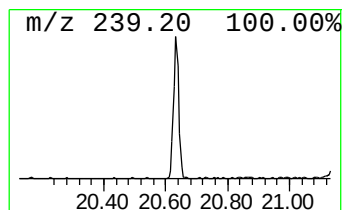
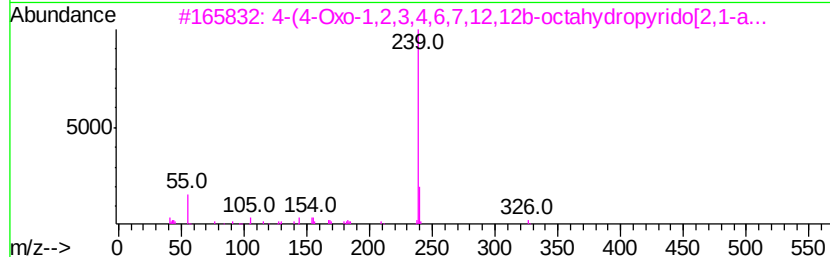
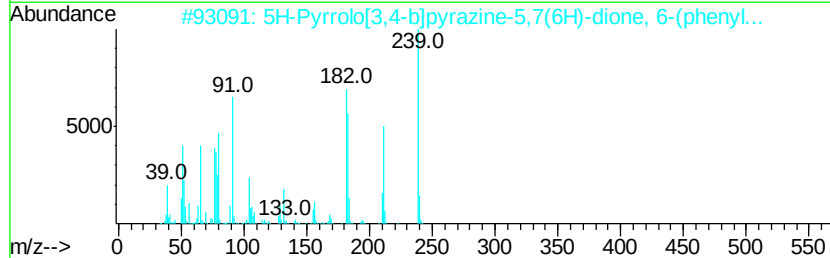
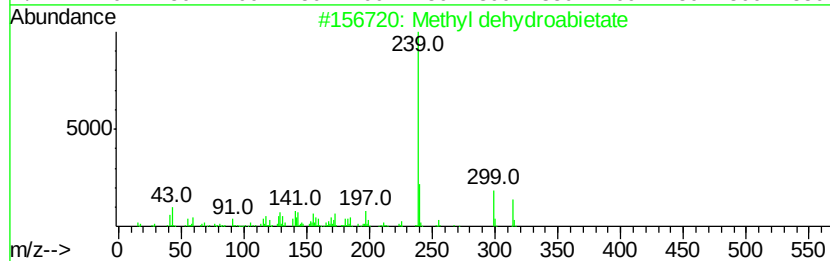
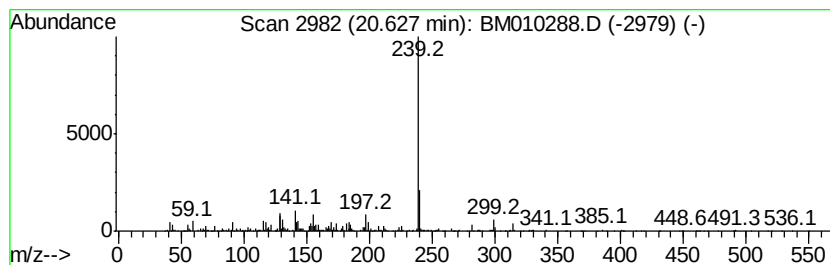
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Methyl dehydroabietate Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	2.11 ng/ul	1026600	Chrysene-d12	21.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methyl dehydroabietate	314 C21H30O2	001235-74-1 84
2		5H-Pyrrolo[3,4-b]pyrazine-5,7(6H)...	239 C13H9N3O2	1000337-19-6 64
3		4-(4-Oxo-1,2,3,4,6,7,12,12b-octa...	326 C19H22N2O3	1000137-91-1 59
4		Oxybis(ethane-2,1-diyl) bis(2,3,...	494 C18H8F10O5	1000378-29-8 50
5		Methyl dehydroabietate	314 C21H30O2	001235-74-1 50



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010288.D
Acq On : 27 May 2017 22:44
Operator : SJ/MA
Sample : I3162-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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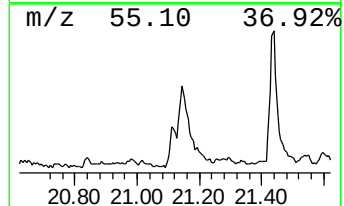
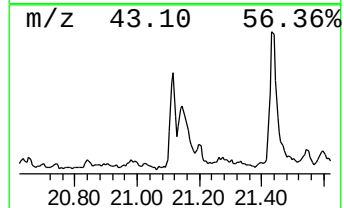
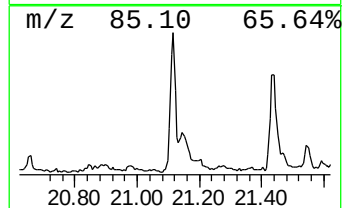
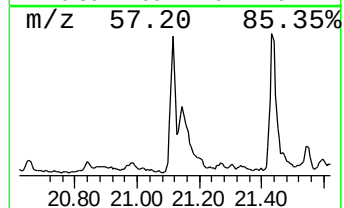
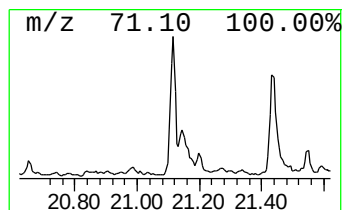
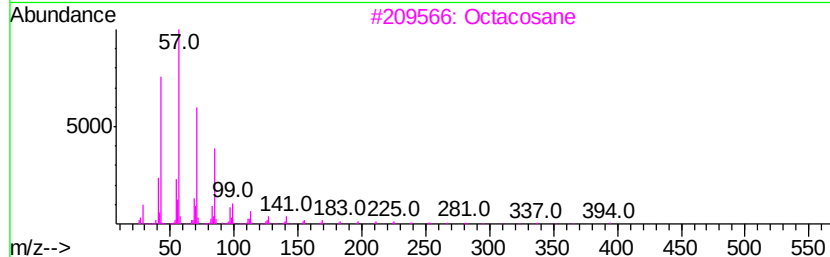
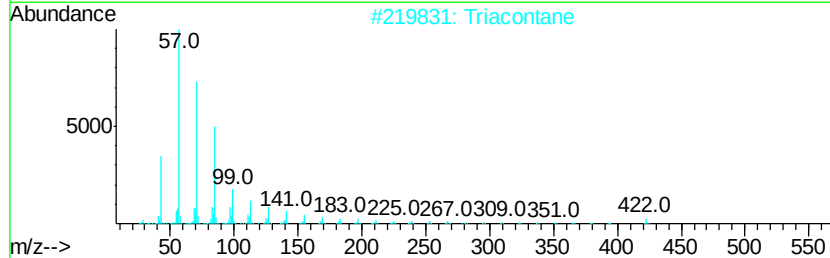
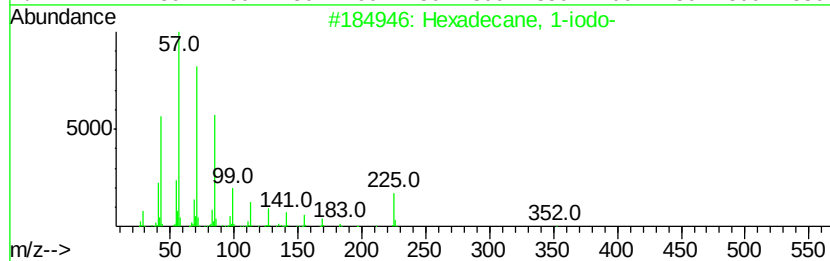
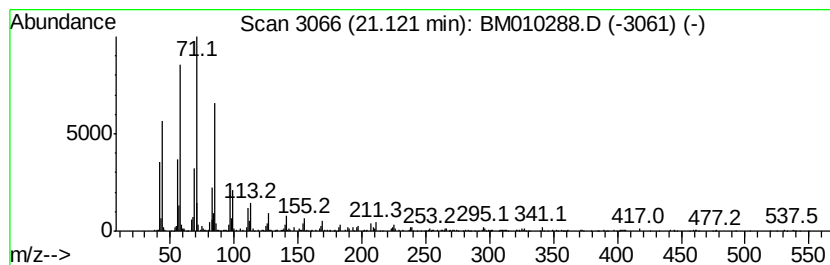
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Hexadecane, 1-iodo- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	2.78 ng/ul	1353530	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
2		Triacontane	422	C30H62	000638-68-6	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Heptacosane	380	C27H56	000593-49-7	87
5		Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010288.D
Acq On : 27 May 2017 22:44
Operator : SJ/MA
Sample : I3162-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

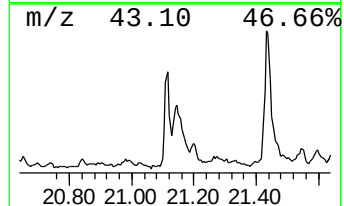
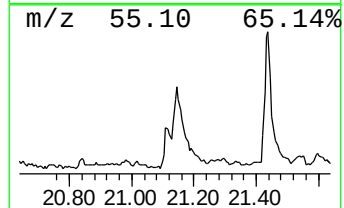
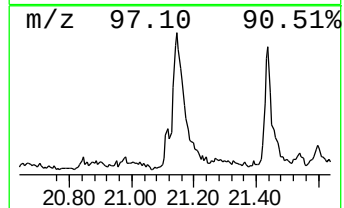
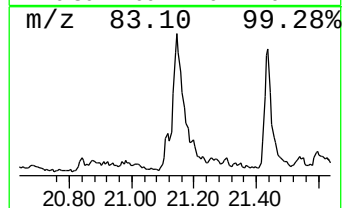
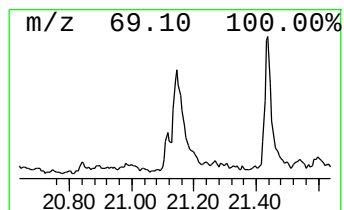
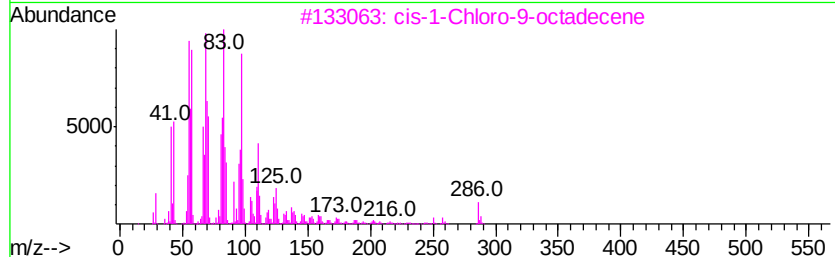
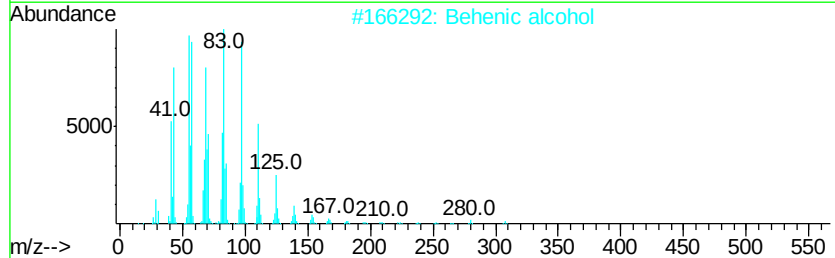
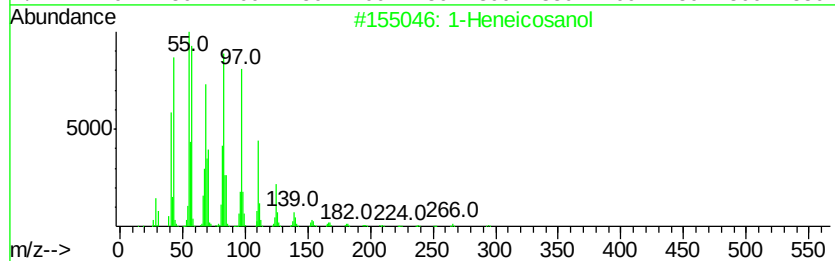
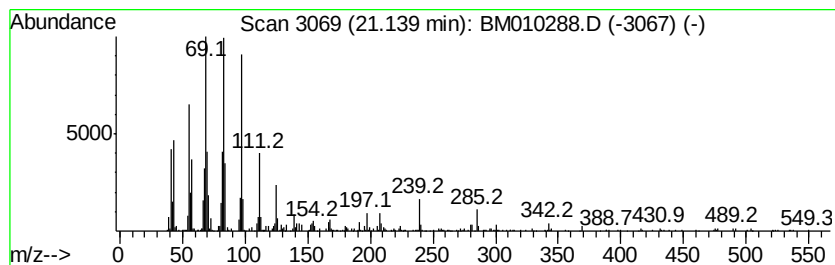
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 1-Heneicosanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	4.64 ng/ul	2258070	Chrysene-d12	21.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Heneicosanol	312 C21H44O	015594-90-8 86
2		Behenic alcohol	326 C22H46O	000661-19-8 58
3		cis-1-Chloro-9-octadecene	286 C18H35Cl	016507-61-2 49
4		2-Thiopheneacetic acid, oct-3-en...	252 C14H20O2S	1000299-38-6 43
5		Cyclohexane, 1-ethyl-2-propyl-	154 C11H22	062238-33-9 38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
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 Acq On : 27 May 2017 22:44
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 Sample : I3162-06
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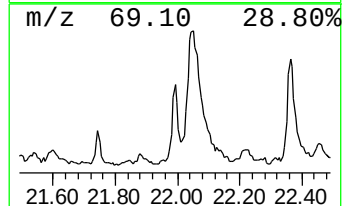
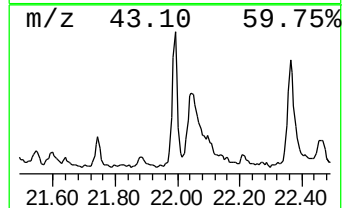
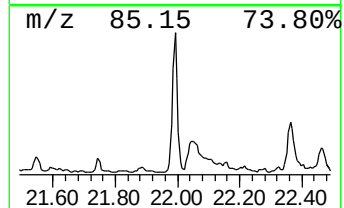
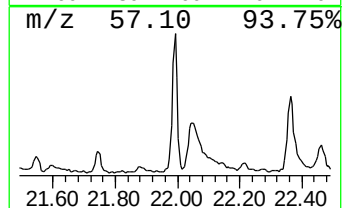
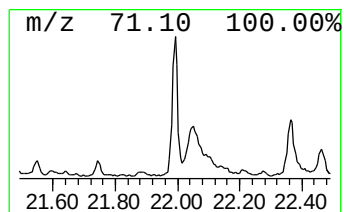
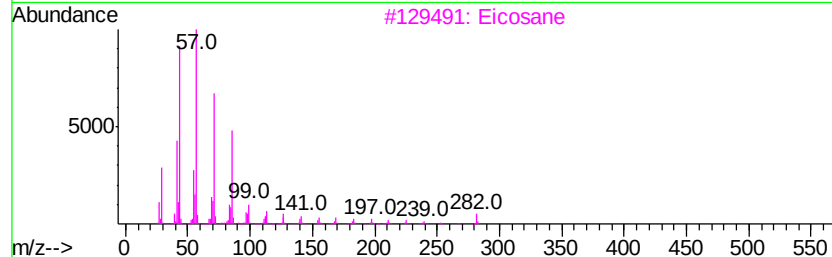
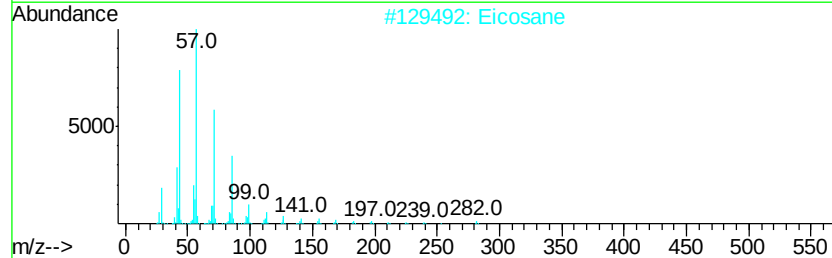
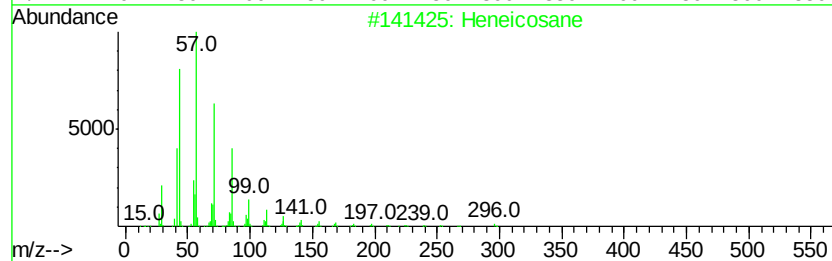
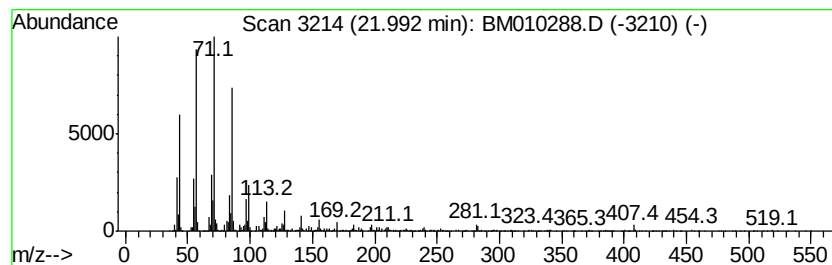
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.99	6.39 ng/ul	3106910	Chrysene-d12	21.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Eicosane	282	C20H42	000112-95-8	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5	6,6-Diethylhoctadecane	310	C22H46	1000360-41-8	90



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010288.D
Acq On : 27 May 2017 22:44
Operator : SJ/MA
Sample : I3162-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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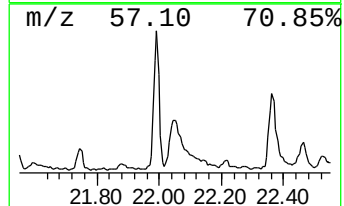
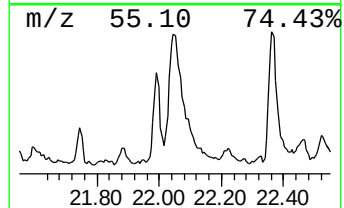
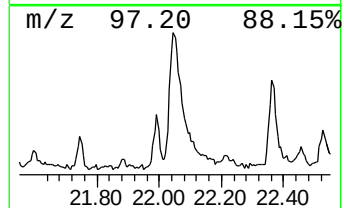
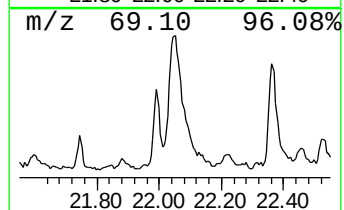
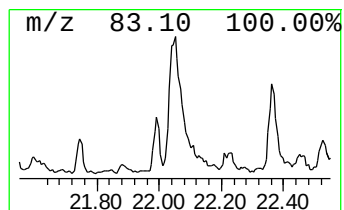
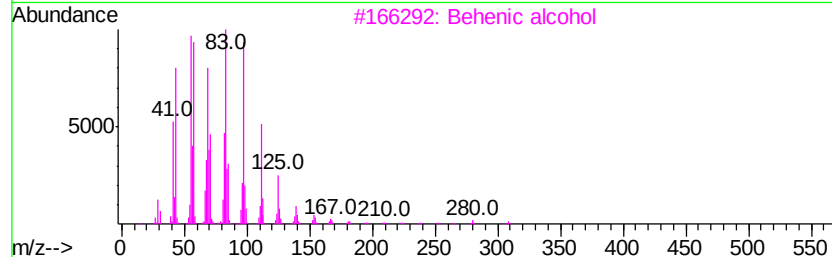
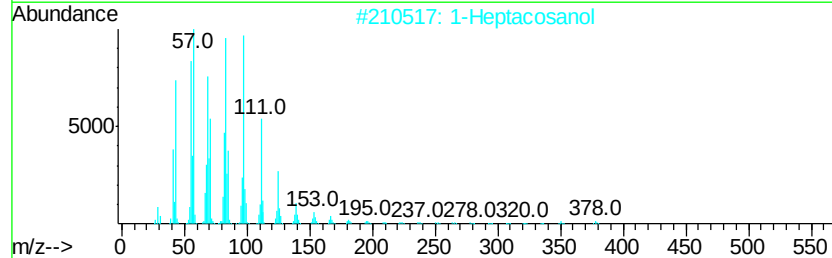
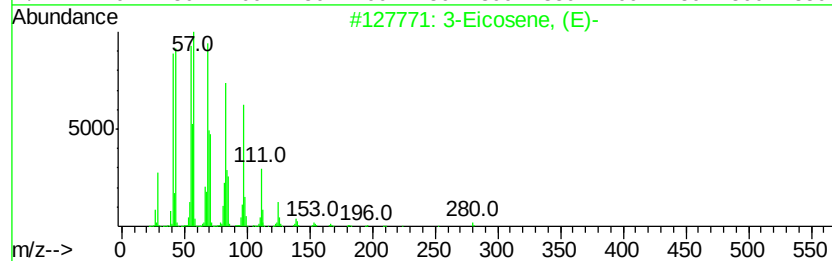
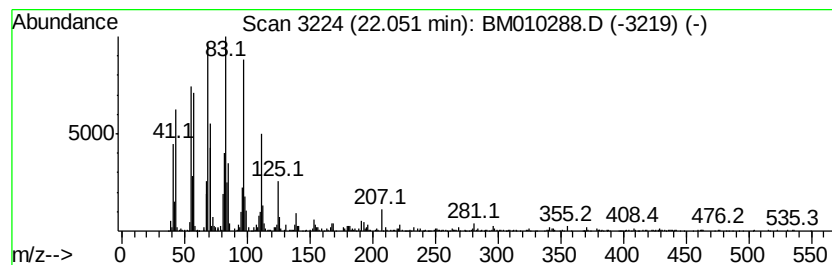
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Cyclic22.05 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.05	15.53 ng/ul	7552530	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2		1-Heptacosanol	396	C27H56O	002004-39-9	93
3		Behenic alcohol	326	C22H46O	000661-19-8	90
4		Fumaric acid, pentadecyl pentafl...	492	C25H33F5O4	1000348-10-7	90
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	81



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010288.D
Acq On : 27 May 2017 22:44
Operator : SJ/MA
Sample : I3162-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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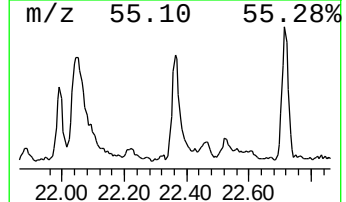
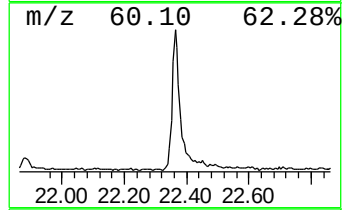
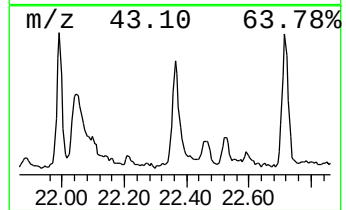
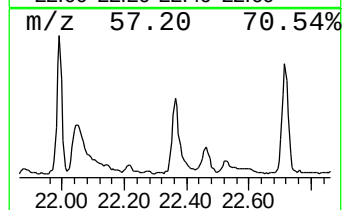
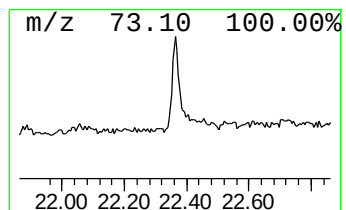
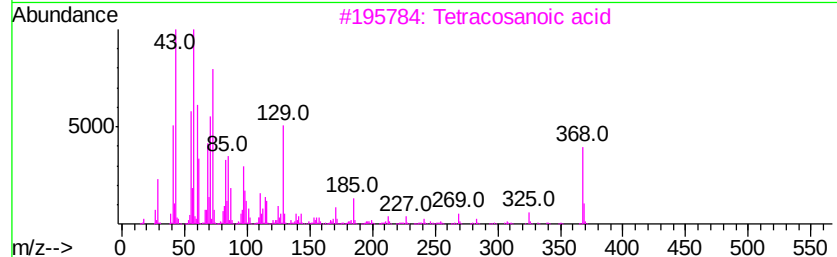
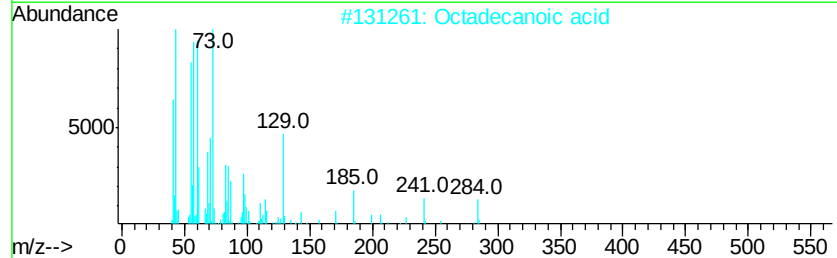
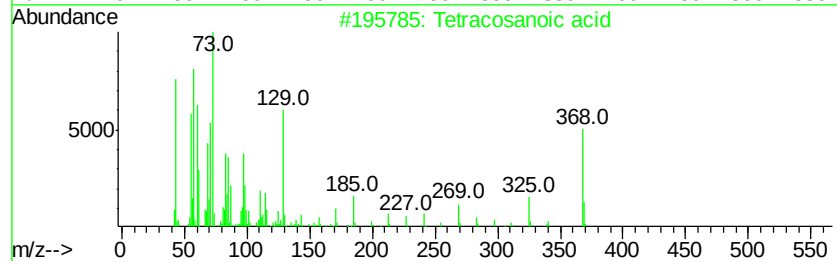
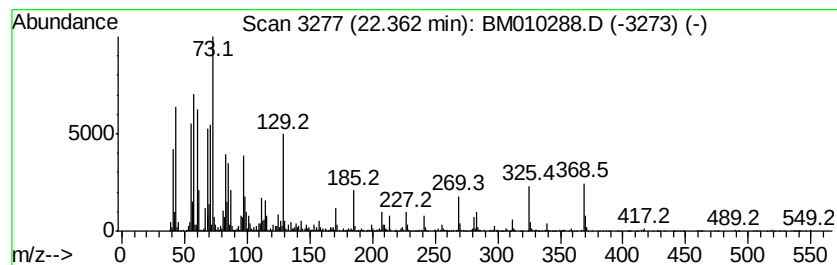
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Tetracosanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	10.37 ng/ul	5044290	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosanoic acid	368	C24H48O2	000557-59-5	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	68
3		Tetracosanoic acid	368	C24H48O2	000557-59-5	50
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
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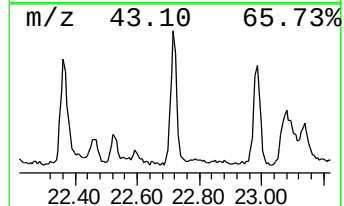
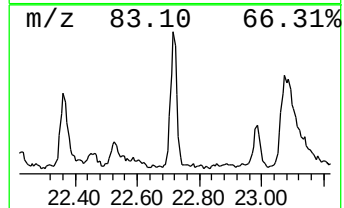
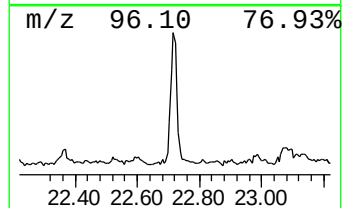
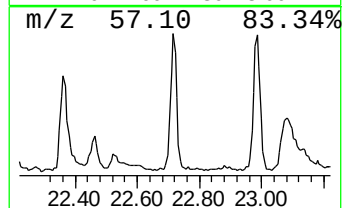
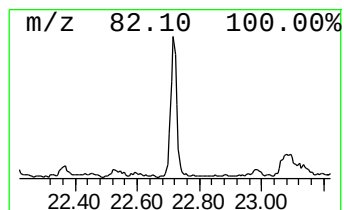
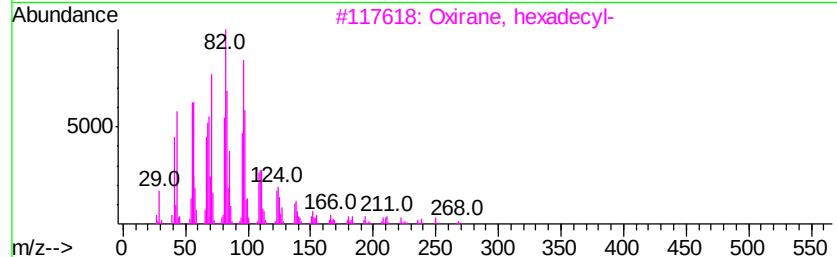
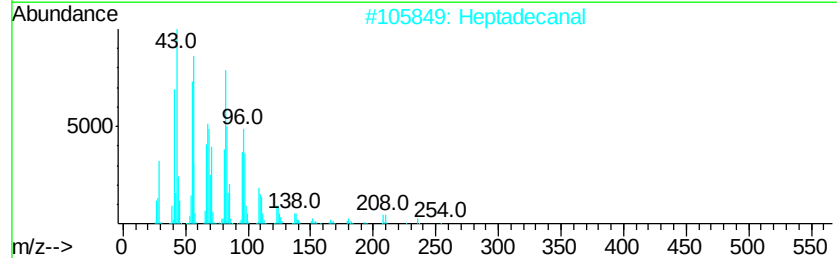
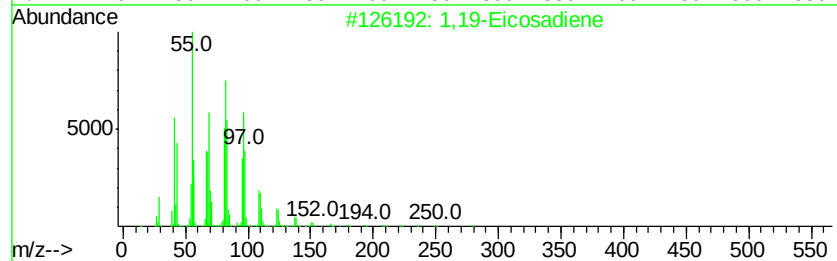
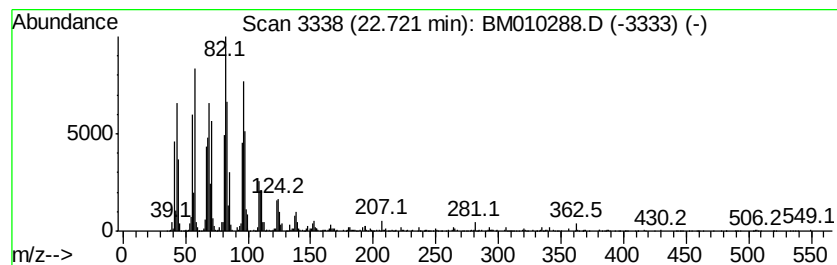
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 1,19-Eicosadiene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.72	9.22 ng/ul	4284240	Perylene-d12	23.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,19-Eicosadiene	278 C20H38	014811-95-1	94
2	Heptadecanal	254 C17H34O	1000376-70-0	94
3	Oxirane, hexadecyl-	268 C18H36O	007390-81-0	94
4	Tetradecanal	212 C14H28O	000124-25-4	94
5	Oxirane, heptadecyl-	282 C19H38O	067860-04-2	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010288.D
Acq On : 27 May 2017 22:44
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Sample : I3162-06
Misc :
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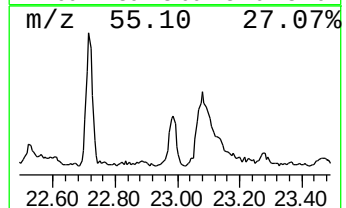
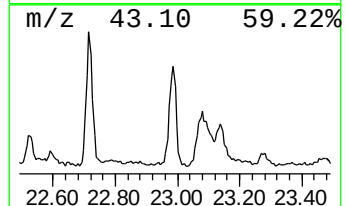
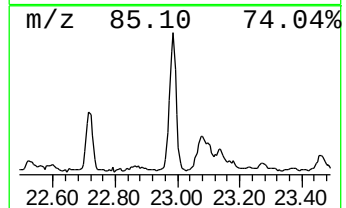
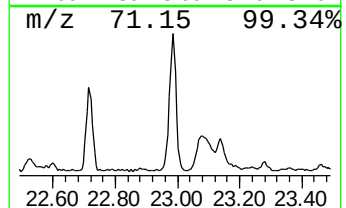
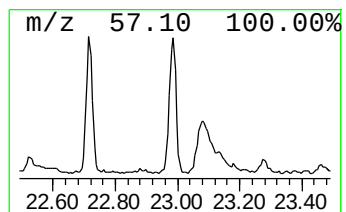
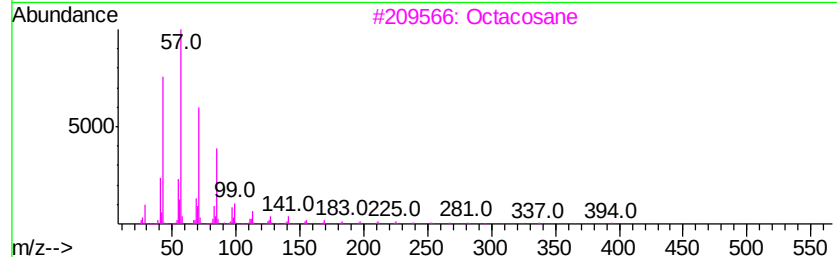
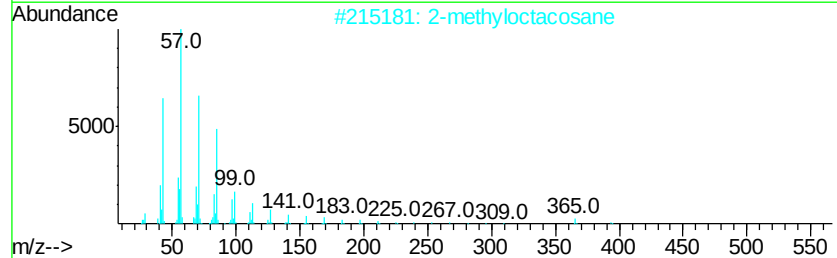
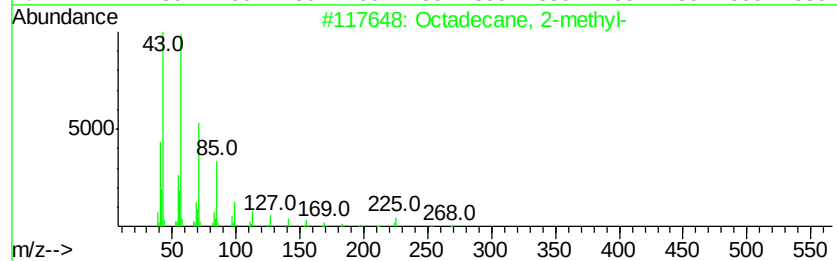
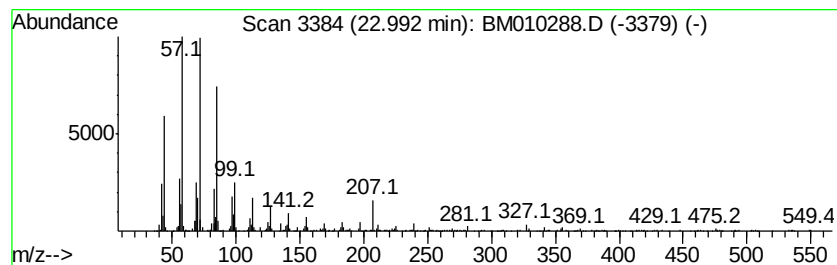
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	5.01 ng/ul	2327600	Perylene-d12	23.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	87
3			Octacosane	394	C28H58	000630-02-4	87
4			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83
5			Hexacosane	366	C26H54	000630-01-3	83



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010288.D
Acq On : 27 May 2017 22:44
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Sample : I3162-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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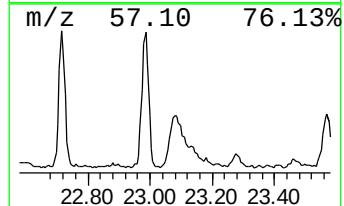
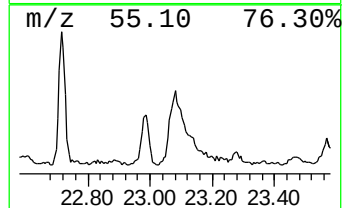
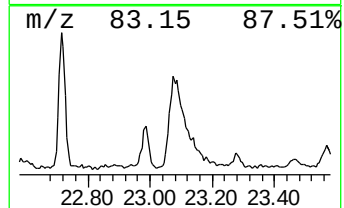
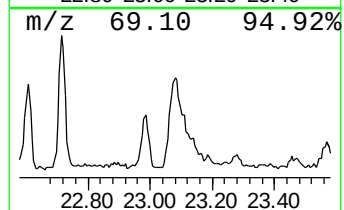
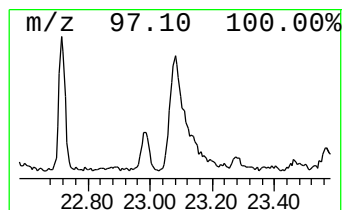
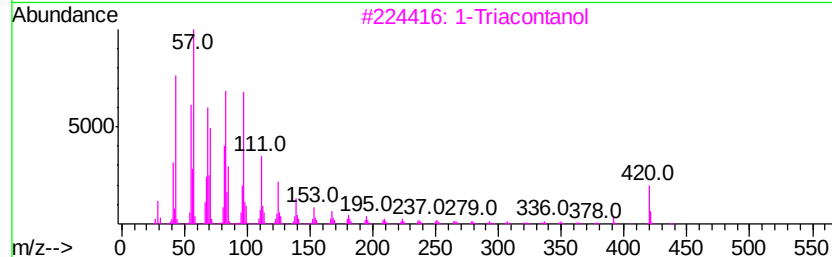
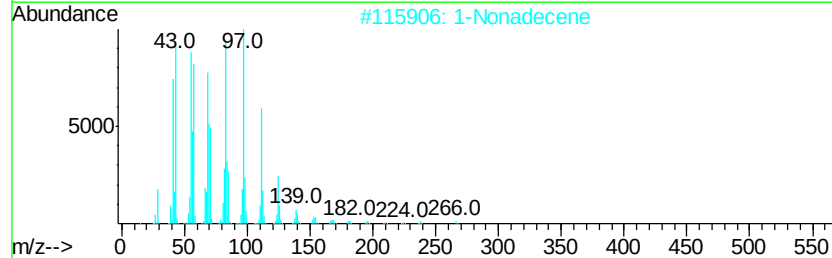
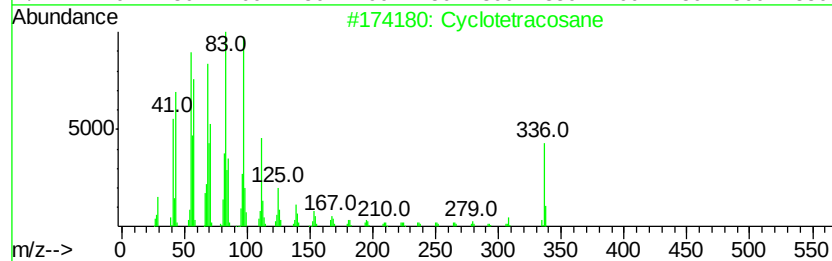
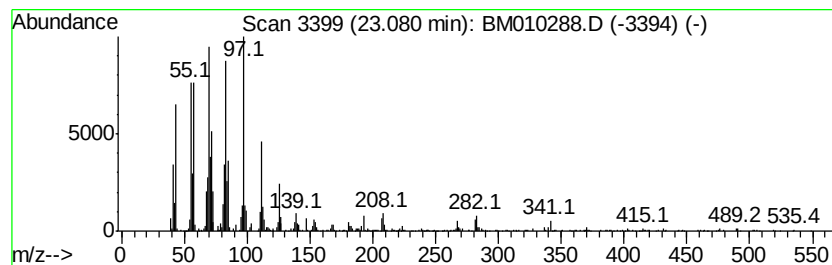
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Cyclic23.08 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.08	6.78 ng/ul	3148760	Perylene-d12	23.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	91
2		1-Nonadecene	266	C19H38	018435-45-5	86
3		1-Triacontanol	438	C30H62O	000593-50-0	70
4		2-Methyl-2-docosene	322	C23H46	1000131-16-9	64
5		4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	60



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010288.D
Acq On : 27 May 2017 22:44
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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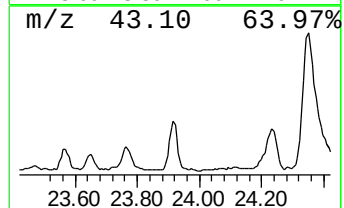
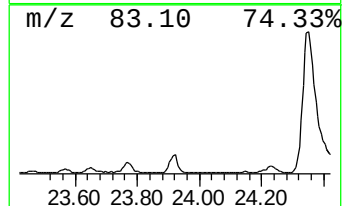
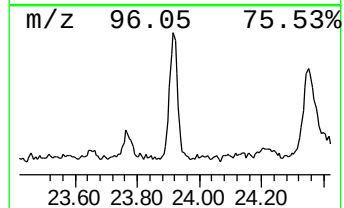
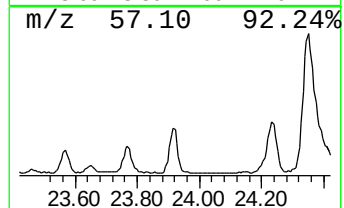
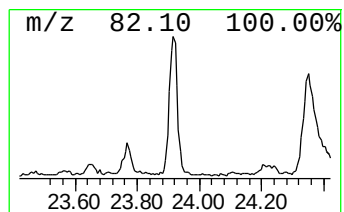
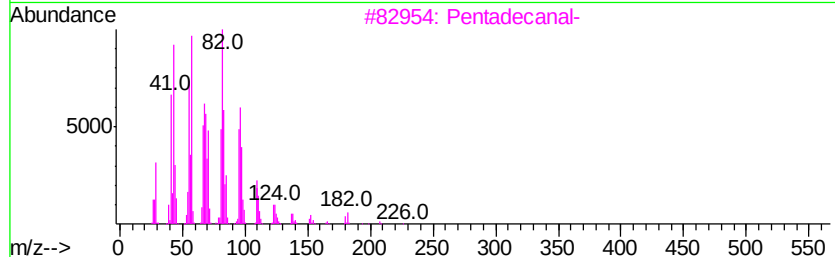
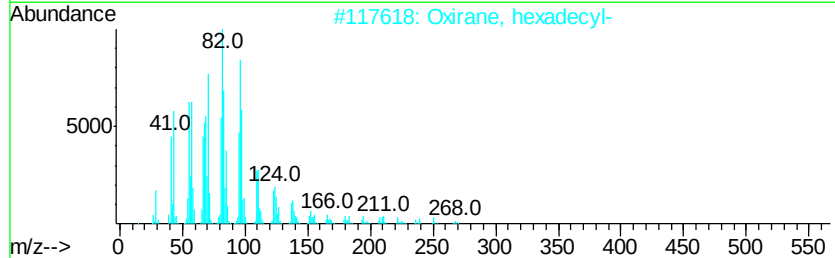
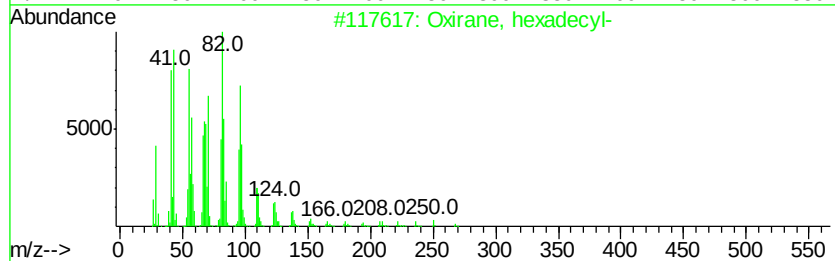
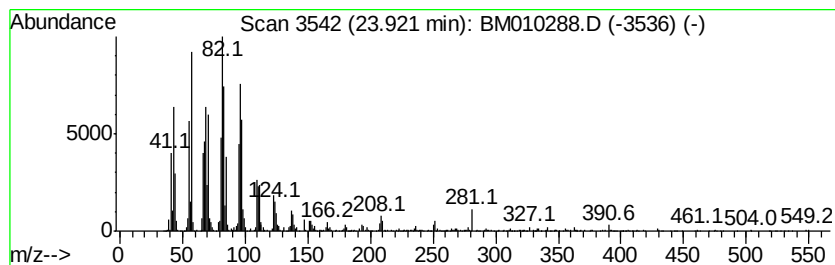
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Oxirane, hexadecyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	10.36 ng/ul	4816240	Perylene-d12	23.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	96
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
3		Pentadecanal-	226	C15H30O	002765-11-9	94
4		1,19-Eicosadiene	278	C20H38	014811-95-1	93
5		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
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Sample : I3162-06
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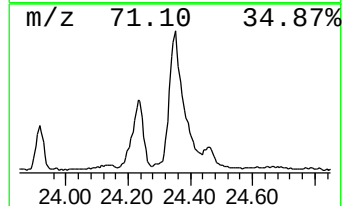
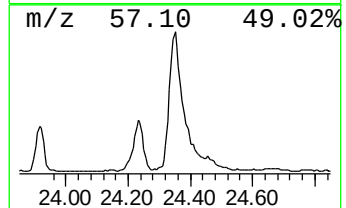
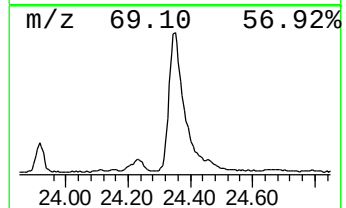
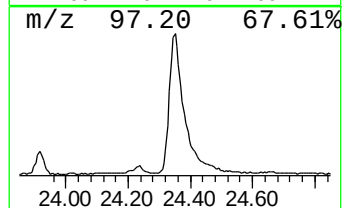
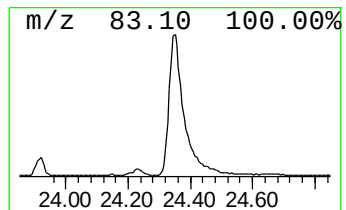
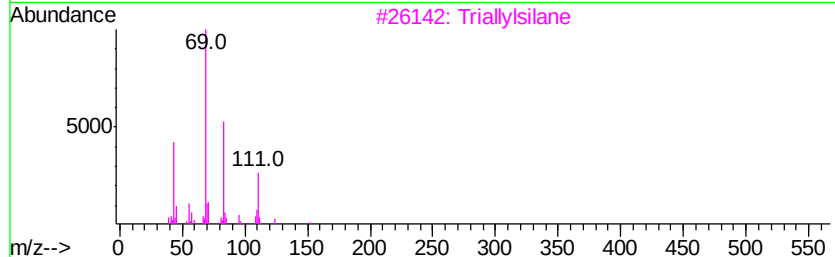
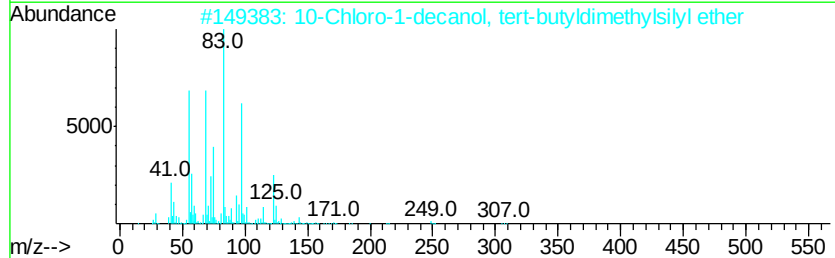
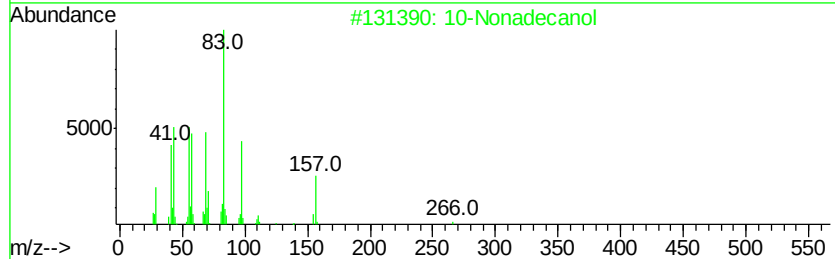
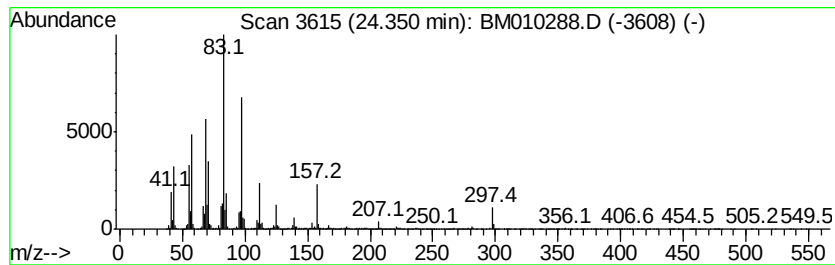
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 10-Nonadecanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.35	47.41 ng/ul	22033300	Perylene-d12	23.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	10-Nonadecanol		284 C19H40O	016840-84-9 58
2	10-Chloro-1-decanol, tert-butylid...		306 C16H35ClOSi	1000333-09-1 50
3	Triallylsilane		152 C9H16Si	001116-62-7 43
4	Sulfurous acid, cyclohexylmethyl...		430 C25H50O3S	1000309-22-6 38
5	But-2-enoic acid, amide, 3-methy...		153 C9H15NO	1000340-09-0 38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
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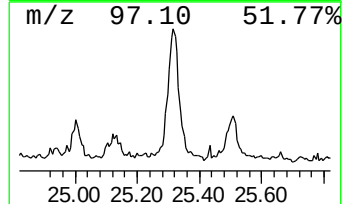
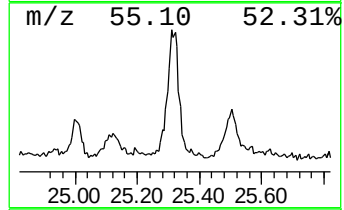
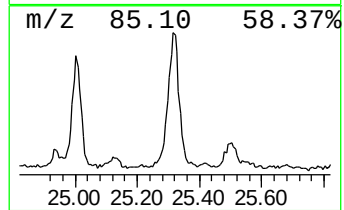
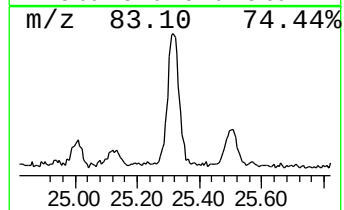
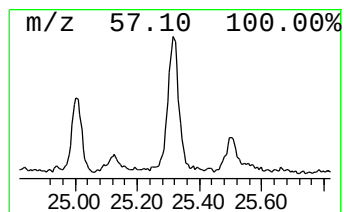
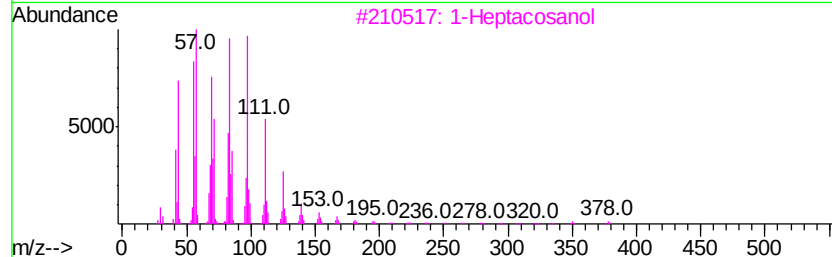
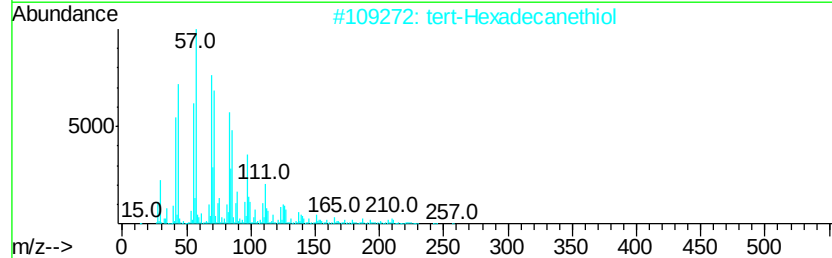
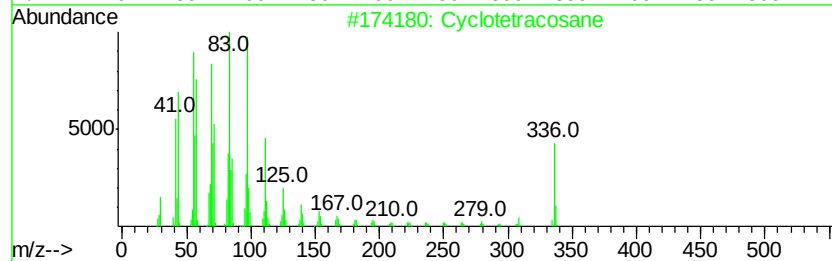
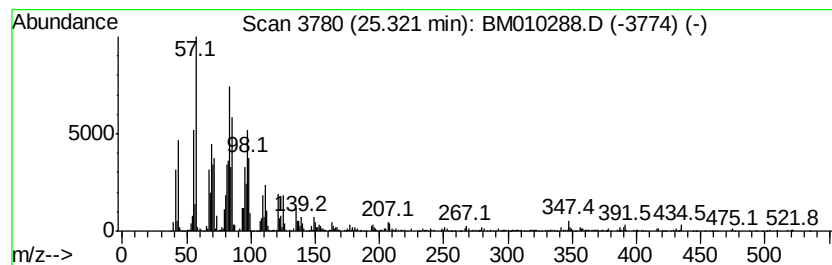
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Cyclic25.32 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.32	9.91 ng/ul	4605210	Perylene-d12	23.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	60
2		tert-Hexadecanethiol	258	C16H34S	025360-09-2	59
3		1-Heptacosanol	396	C27H56O	002004-39-9	58
4		1-Heneicosanol	312	C21H44O	015594-90-8	53
5		Octacosanol	410	C28H58O	000557-61-9	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010288.D
Acq On : 27 May 2017 22:44
Operator : SJ/MA
Sample : I3162-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
JHSE3

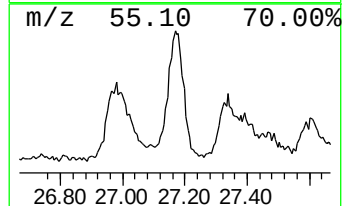
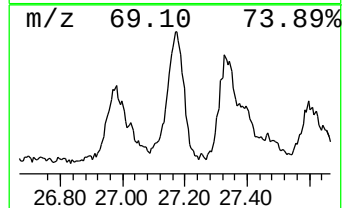
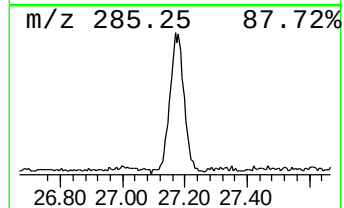
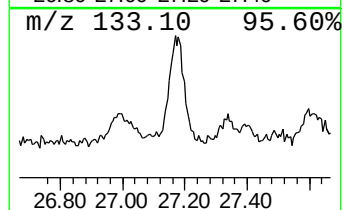
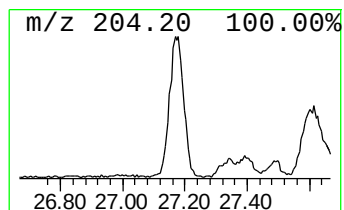
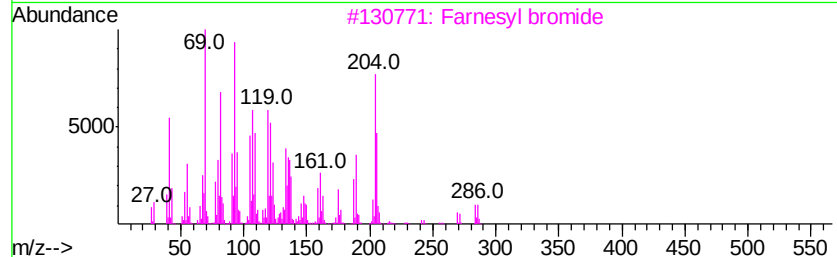
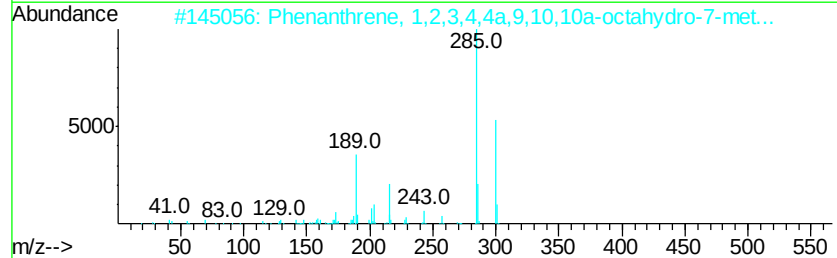
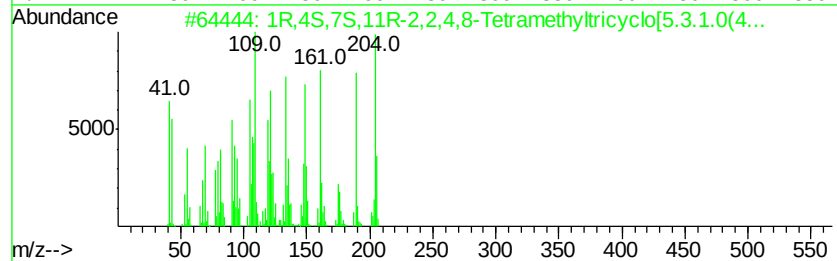
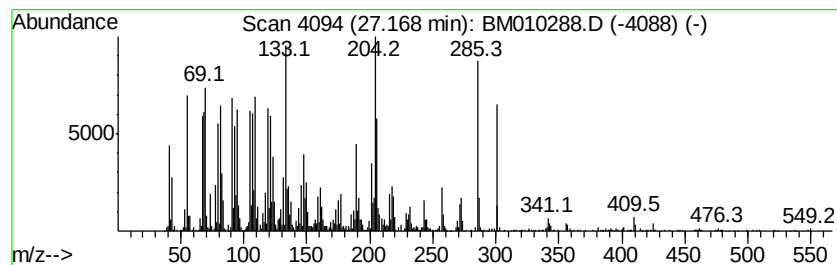
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 1R,4S,7S,11R-2,2,4,8-Tetram... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.17	22.73 ng/ul	10560900	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	55
2		Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	015340-83-7	49
3		Farnesyl bromide	284	C15H25Br	006874-67-5	47
4		9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	41
5		(-)-Isoaromadendrene-(V)	204	C15H24	1000156-14-3	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052717\
 Data File : BM010288.D
 Acq On : 27 May 2017 22:44
 Operator : SJ/MA
 Sample : I3162-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSE3

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	3.1	ng/ul	986897	4	17.31	6283520	20.0
9-Hexadecenoic acid	18.04	2.8	ng/ul	871052	4	17.31	6283520	20.0
Octadecanoic acid	18.16	7.9	ng/ul	2484430	4	17.31	6283520	20.0
unknown-01	18.46	8.4	ng/ul	2633340	4	17.31	6283520	20.0
7-Isopropyl-1,1,4...	19.13	2.2	ng/ul	686496	4	17.31	6283520	20.0
9-Octadecenoic ac...	19.32	2.4	ng/ul	743711	4	17.31	6283520	20.0
Eicosanoic acid	20.50	5.7	ng/ul	2780560	5	21.47	9728200	20.0
Methyl dehydroabi...	20.63	2.1	ng/ul	1026600	5	21.47	9728200	20.0
Hexadecane, 1-iodo-	21.12	2.8	ng/ul	1353530	5	21.47	9728200	20.0
1-Heneicosanol	21.14	4.6	ng/ul	2258070	5	21.47	9728200	20.0
(DEL) Alkane: Str...	21.99	6.4	ng/ul	3106910	5	21.47	9728200	20.0
(DEL) Alkane: Cyc...	22.05	15.5	ng/ul	7552530	5	21.47	9728200	20.0
Tetracosanoic acid	22.36	10.4	ng/ul	5044290	5	21.47	9728200	20.0
1,19-Eicosadiene	22.72	9.2	ng/ul	4284240	6	23.82	9294100	20.0
(DEL) Alkane: Str...	22.99	5.0	ng/ul	2327600	6	23.82	9294100	20.0
(DEL) Alkane: Cyc...	23.08	6.8	ng/ul	3148760	6	23.82	9294100	20.0
Oxirane, hexadecyl-	23.92	10.4	ng/ul	4816240	6	23.82	9294100	20.0
10-Nonadecanol	24.35	47.4	ng/ul	22033300	6	23.82	9294100	20.0
(DEL) Alkane: Cyc...	25.32	9.9	ng/ul	4605210	6	23.82	9294100	20.0
1R,4S,7S,11R-2,2,...	27.17	22.7	ng/ul	10560900	6	23.82	9294100	20.0