

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
 Data File : BM010292.D
 Acq On : 28 May 2017 01:08
 Operator : SJ/MA
 Sample : I3162-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSF1

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	676	685	694	rBV	659759	1198582	15.47%	1.033%
2	7.269	704	711	720	rBV	484110	789137	10.18%	0.680%
3	7.469	736	745	755	rBV	792356	1268262	16.37%	1.093%
4	7.928	816	823	837	rBV	1695653	2716493	35.06%	2.341%
5	8.651	938	946	957	rBV	857963	1416564	18.28%	1.221%
6	9.116	1017	1025	1033	rBV	629145	1105438	14.27%	0.952%
7	9.828	1139	1146	1156	rBV2	589294	990364	12.78%	0.853%
8	10.357	1227	1236	1248	rBV	907178	1621347	20.93%	1.397%
9	10.733	1293	1300	1308	rBV	1959310	3290993	42.47%	2.836%
10	10.910	1324	1330	1338	rBV3	93024	228492	2.95%	0.197%
11	13.974	1844	1851	1855	rBV	1756771	2333992	30.12%	2.011%
12	14.021	1855	1859	1867	rVB	773176	1061226	13.70%	0.914%
13	14.263	1892	1900	1908	rBV	1660498	2564044	33.09%	2.209%
14	14.563	1945	1951	1961	rBV2	2817175	4265191	55.05%	3.675%
15	14.804	1986	1992	2004	rBV2	398823	772396	9.97%	0.666%
16	14.951	2012	2017	2021	rBV7	58819	102398	1.32%	0.088%
17	15.551	2110	2119	2125	rBV	2338388	3311919	42.74%	2.854%
18	15.674	2134	2140	2146	rBV	629995	899235	11.61%	0.775%
19	16.204	2226	2230	2235	rBV5	66756	102688	1.33%	0.088%
20	16.668	2306	2309	2314	rVB5	64053	85421	1.10%	0.074%
21	17.162	2388	2393	2400	rBV2	363335	563622	7.27%	0.486%
22	17.227	2400	2404	2410	rVV3	208254	311130	4.02%	0.268%
23	17.309	2412	2418	2428	rVB	3640013	5163666	66.64%	4.449%
24	17.404	2428	2434	2443	rBV2	2402073	3448133	44.50%	2.971%
25	17.492	2444	2449	2454	rVB6	177132	299175	3.86%	0.258%
26	18.045	2536	2543	2549	rBV5	313969	649947	8.39%	0.560%
27	18.104	2549	2553	2558	rVB6	113999	164118	2.12%	0.141%
28	18.156	2558	2562	2570	rBV2	970465	1420877	18.34%	1.224%
29	18.333	2590	2592	2596	rVB5	84189	82338	1.06%	0.071%
30	18.398	2596	2603	2606	rBV6	215111	372985	4.81%	0.321%
31	18.462	2608	2614	2623	rVV3	1638097	2668901	34.45%	2.300%
32	18.551	2625	2629	2638	rVB7	277231	571921	7.38%	0.493%
33	18.733	2656	2660	2669	rBV	1195896	1813090	23.40%	1.562%
34	18.827	2674	2676	2682	rVV5	202445	313373	4.04%	0.270%

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Integration Parameters: LSCINT.P

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35	18.892	2683	2687	2694	rVB2	187797	269298	3.48%	0.232%
36	19.051	2711	2714	2718	rBV5	224002	307934	3.97%	0.265%
37	19.092	2718	2721	2724	rVV3	269282	354008	4.57%	0.305%
38	19.127	2724	2727	2730	rVV3	283287	405683	5.24%	0.350%
39	19.156	2730	2732	2737	rVB3	256698	266253	3.44%	0.229%
40	19.315	2751	2759	2760	rBV6	315037	547675	7.07%	0.472%
41	19.333	2760	2762	2766	rVB3	276757	362928	4.68%	0.313%
42	19.427	2774	2778	2780	rBV2	370597	490621	6.33%	0.423%
43	19.456	2780	2783	2790	rVB	665250	896982	11.58%	0.773%
44	19.692	2818	2823	2829	rVB	3311370	4356390	56.23%	3.754%
45	20.109	2892	2894	2897	rVB2	203117	212027	2.74%	0.183%
46	20.162	2899	2903	2909	rBV3	408452	635667	8.20%	0.548%
47	20.286	2919	2924	2931	rBV2	456616	817965	10.56%	0.705%
48	20.398	2939	2943	2950	rBV3	489264	889802	11.48%	0.767%
49	20.503	2957	2961	2974	rVB	980077	1686979	21.77%	1.454%
50	21.115	3060	3065	3067	rBV	2197367	2917486	37.65%	2.514%
51	21.145	3067	3070	3085	rVB2	1593762	3650375	47.11%	3.145%
52	21.439	3115	3120	3122	rBV	2054743	2999548	38.71%	2.584%
53	21.468	3122	3125	3133	rVB	6409080	7748095	100.00%	6.676%
54	21.744	3169	3172	3175	rVB3	717183	735205	9.49%	0.633%
55	21.992	3210	3214	3218	rBV	1888961	2153117	27.79%	1.855%
56	22.044	3218	3223	3230	rBV4	1097860	2898580	37.41%	2.497%
57	22.362	3273	3277	3285	rBV2	1540429	2551654	32.93%	2.199%
58	22.527	3302	3305	3310	rVB5	457636	582642	7.52%	0.502%
59	22.715	3333	3337	3345	rVB	3186485	4593405	59.28%	3.958%
60	22.986	3379	3383	3389	rVB	1242163	1747655	22.56%	1.506%
61	23.668	3493	3499	3507	rVB	2987563	5968804	77.04%	5.143%
62	23.821	3519	3525	3532	rVB	3862730	7472972	96.45%	6.439%
63	23.915	3536	3541	3549	rVB2	2742711	4836736	62.42%	4.167%
64	24.344	3610	3614	3630	rVB2	1481027	4737882	61.15%	4.082%

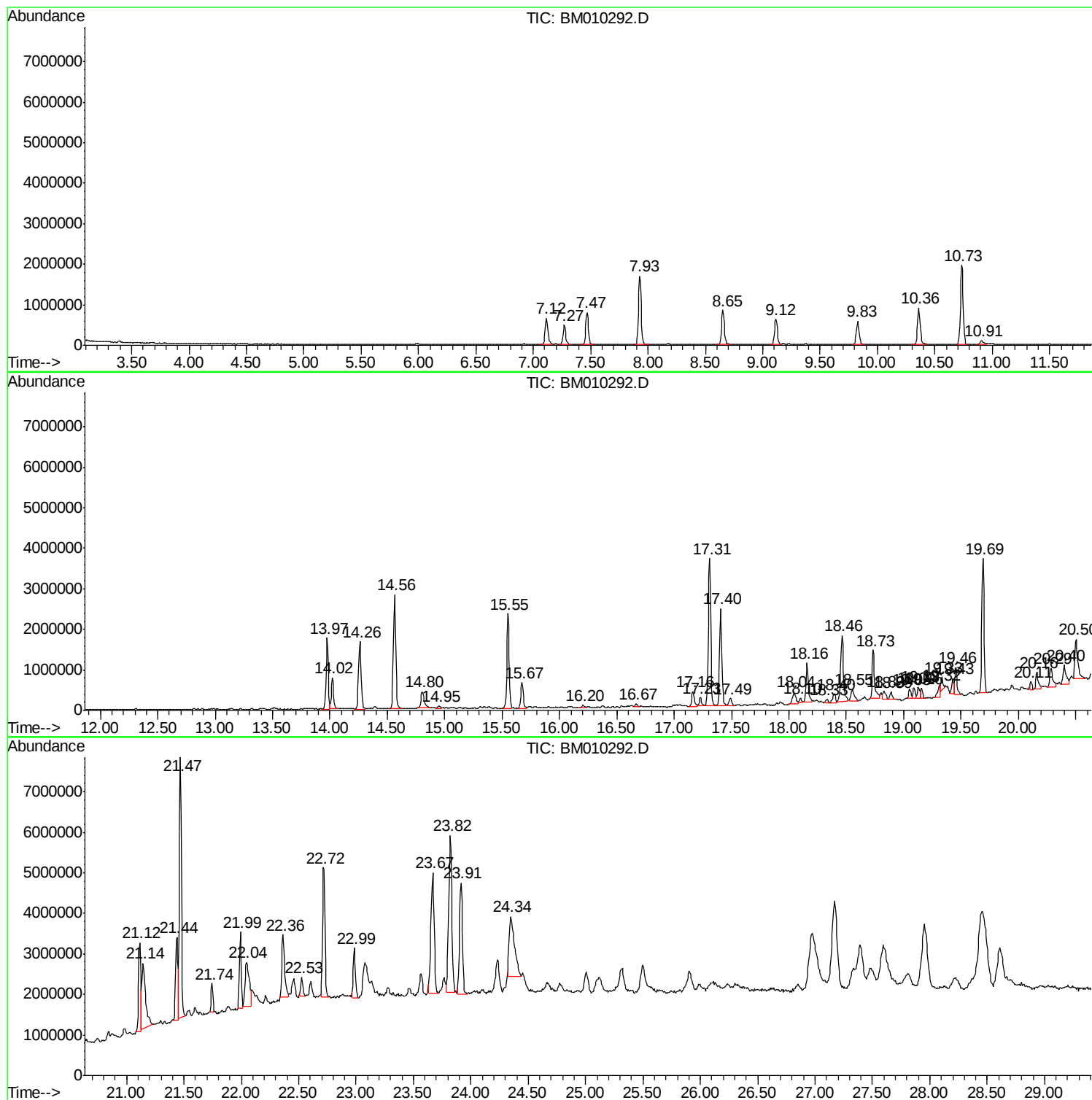
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Quant Title : SVOA CALIBRATION

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



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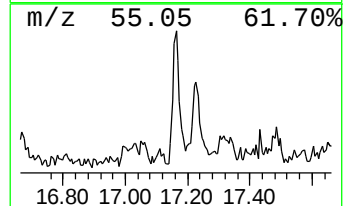
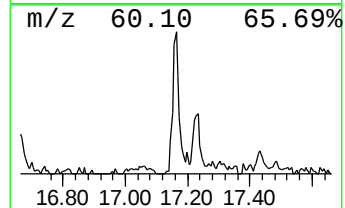
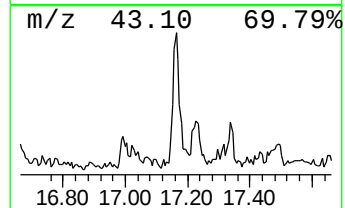
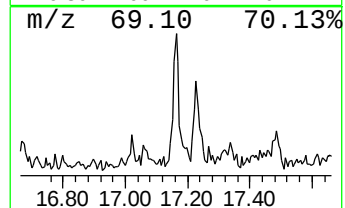
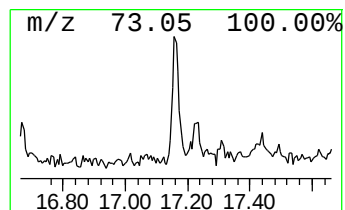
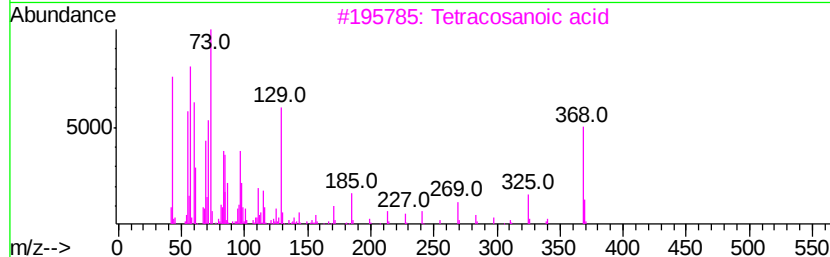
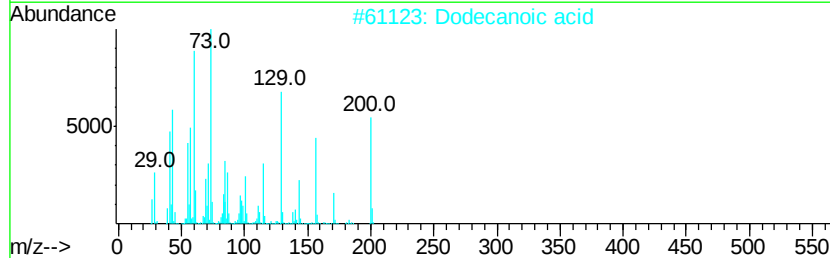
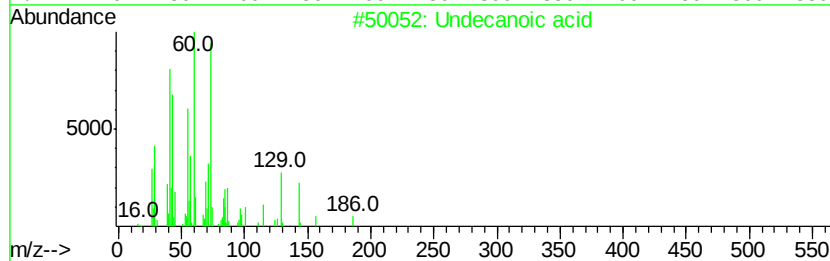
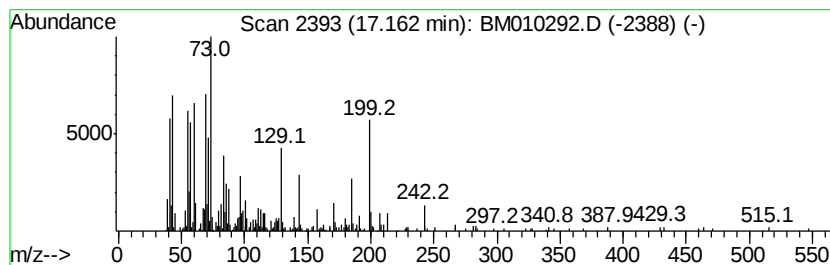
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Undecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.16	2.18 ng/ul	563622	Phenanthrene-d10		17.31	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid		186	C11H22O2	000112-37-8	92
2	Dodecanoic acid		200	C12H24O2	000143-07-7	78
3	Tetracosanoic acid		368	C24H48O2	000557-59-5	64
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	58
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	52



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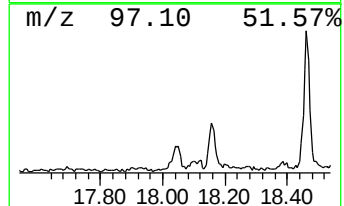
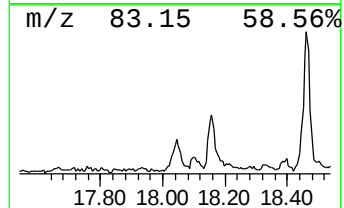
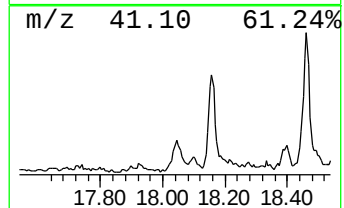
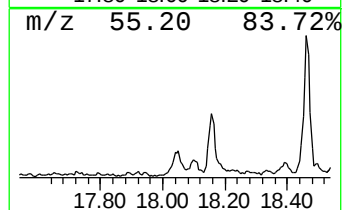
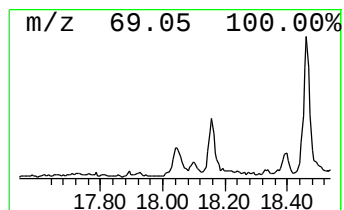
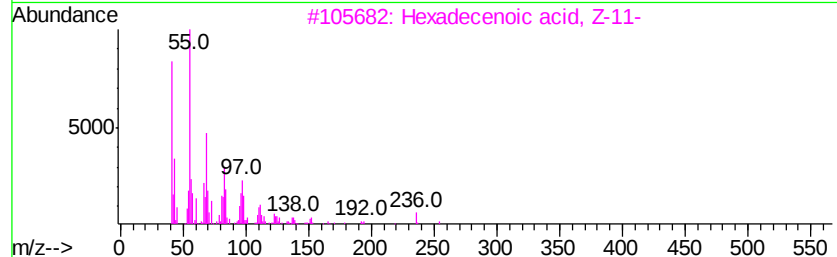
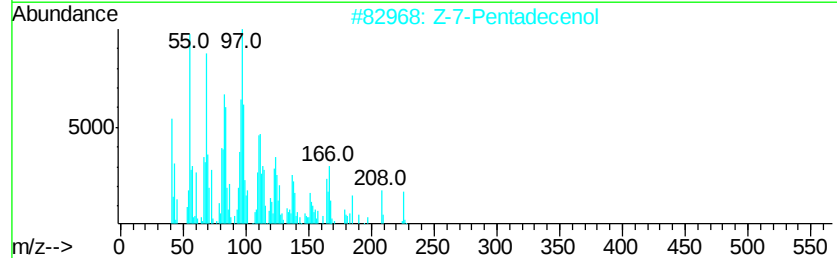
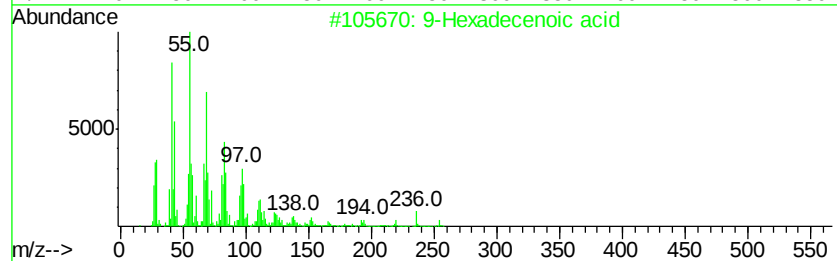
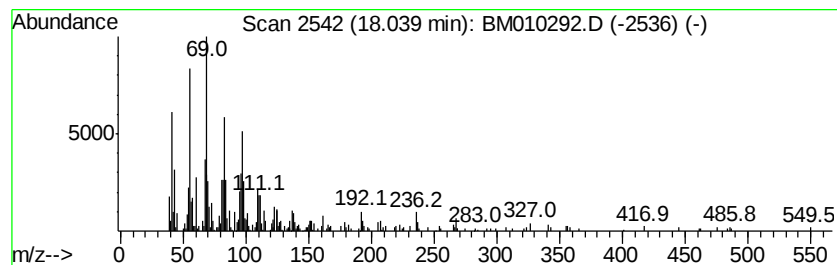
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 9-Hexadecenoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.04	2.52 ng/ul	649947	Phenanthrene-d10	17.31		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	90
2		Z-7-Pentadecenol	226	C15H30O	1000130-76-6	72
3		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	53
4		Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	52
5		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	49



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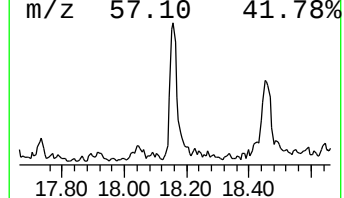
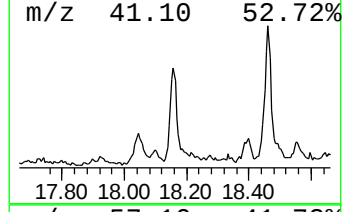
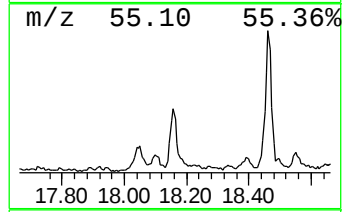
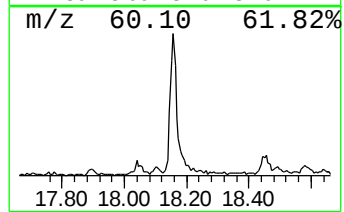
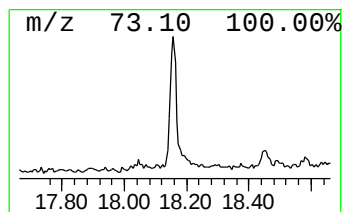
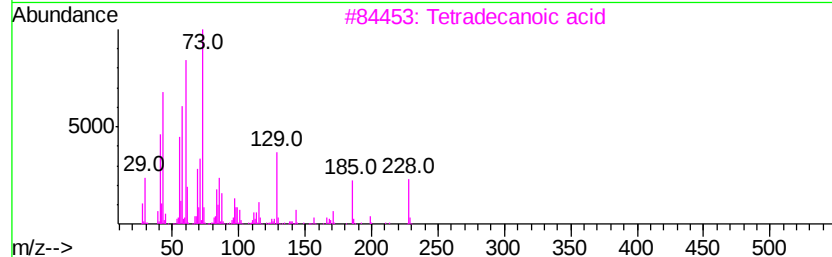
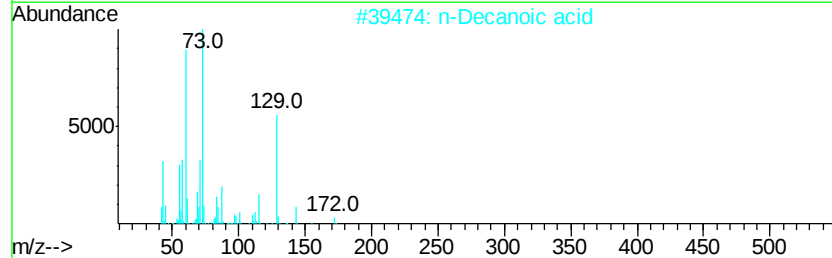
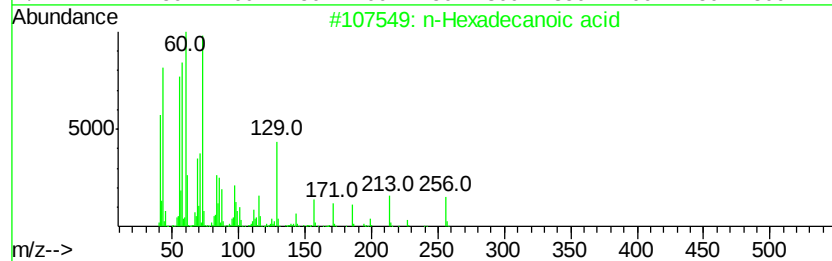
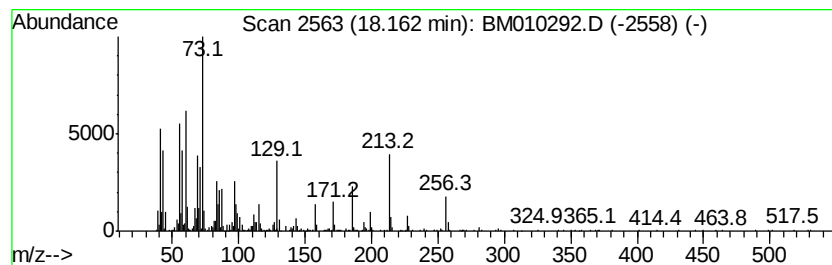
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	5.50 ng/ul	1420880	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2		n-Decanoic acid	172	C10H20O2	000334-48-5	70
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	60
4		n-Decanoic acid	172	C10H20O2	000334-48-5	60
5		Octadecanoic acid	284	C18H36O2	000057-11-4	59



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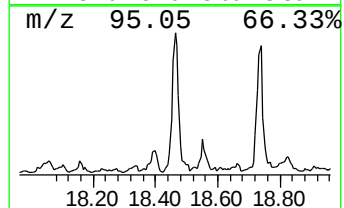
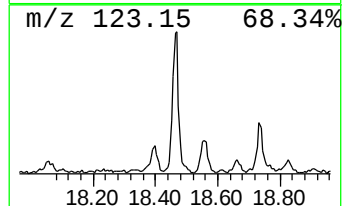
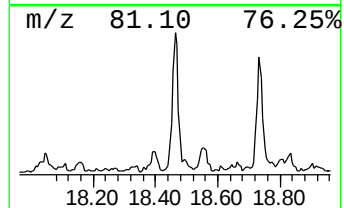
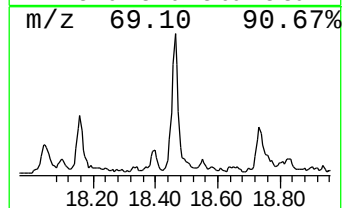
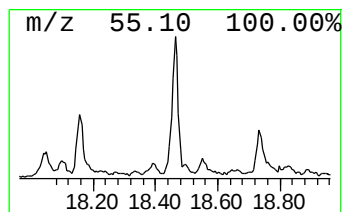
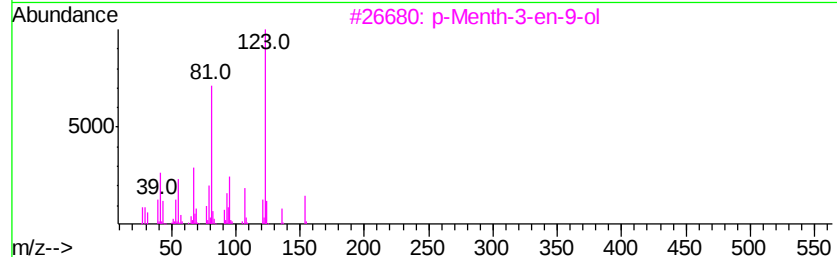
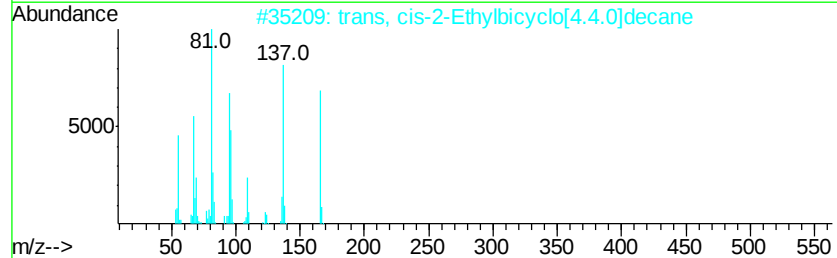
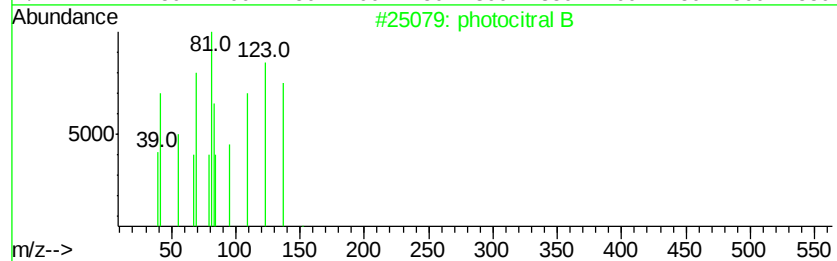
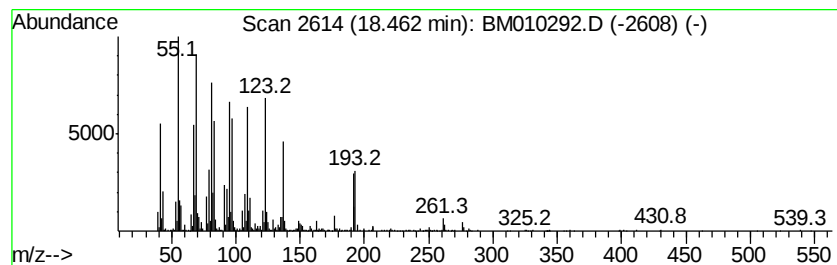
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 photocitral B Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	10.34 ng/ul	2668900	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	photocitral B	152	C10H16O	006040-45-5	70
2		trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	35
3		p-Menth-3-en-9-ol	154	C10H18O	015714-10-0	25
4		.alpha.-Damascone	192	C13H20O	031089-90-4	25
5		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	25



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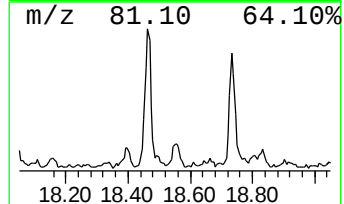
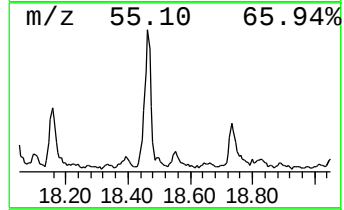
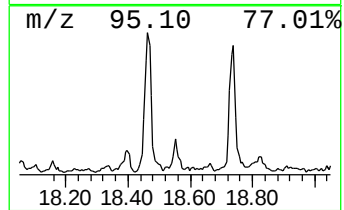
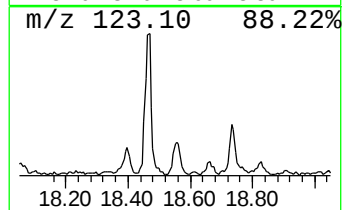
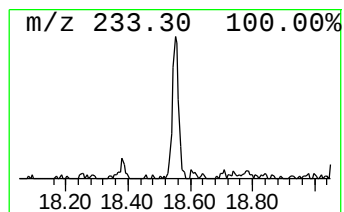
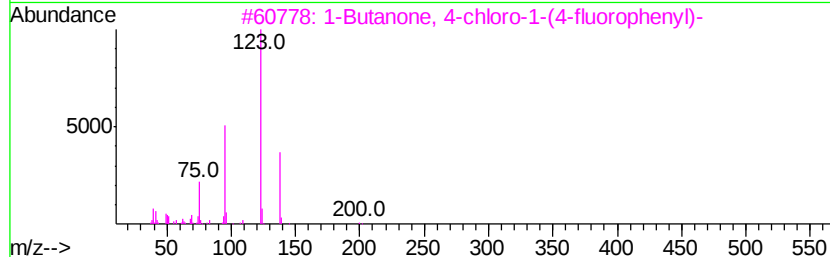
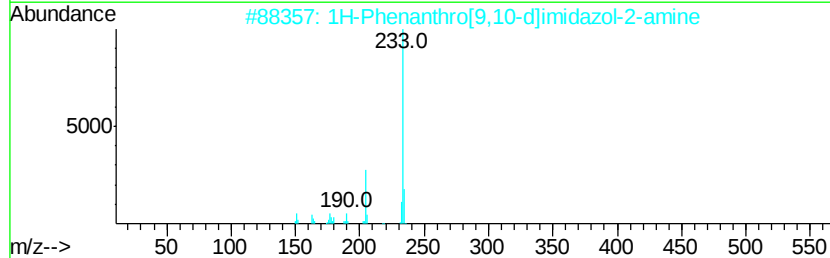
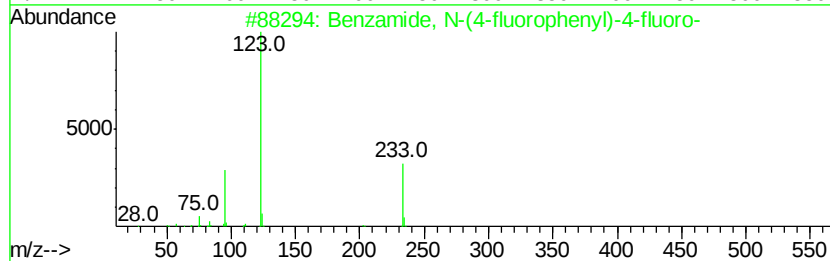
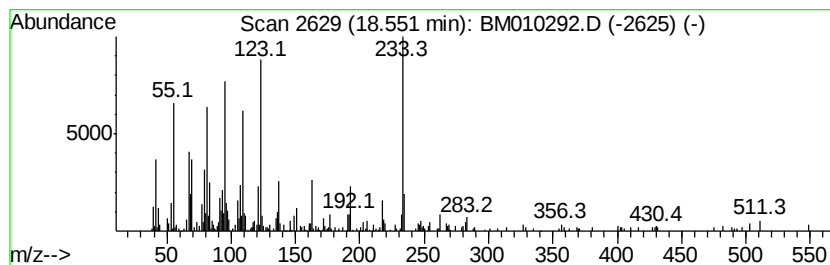
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzamide, N-(4-fluoropheny... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	2.22 ng/ul	571921	Phenanthrene-d10	17.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzamide, N-(4-fluorophenyl)-4-...	233	C13H9F2NO	1000307-10-1	53
2		1H-Phenanthro[9,10-d]imidazol-2-...	233	C15H11N3	037052-13-4	52
3		1-Butanone, 4-chloro-1-(4-fluoro...	200	C10H10ClFO	003874-54-2	35
4		Benzeneacetic acid, 4-fluoro-.al...	168	C8H5FO3	002251-76-5	35
5		Benzoic acid, 4-fluoro-, N'-(5,...	248	C13H13FN2O2	1000350-57-6	22



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010292.D
Acq On : 28 May 2017 01:08
Operator : SJ/MA
Sample : I3162-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

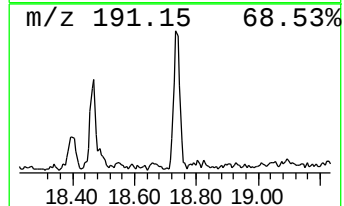
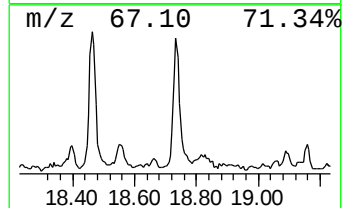
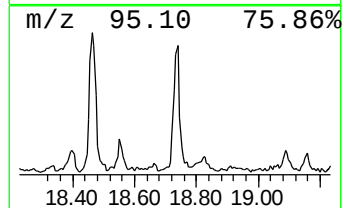
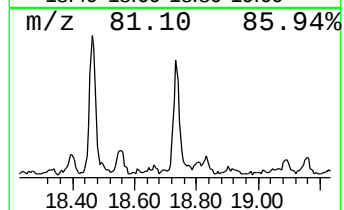
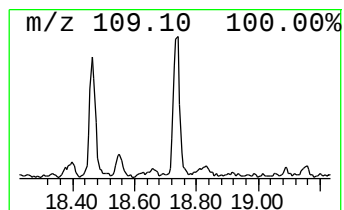
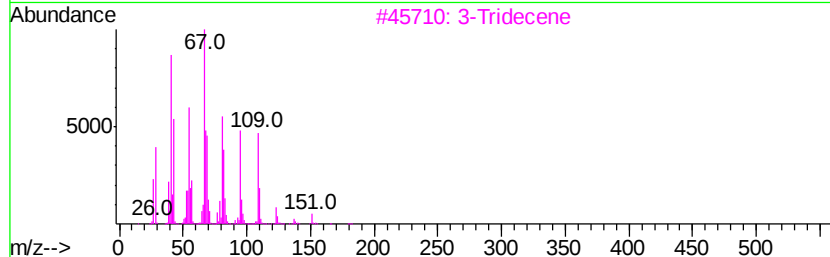
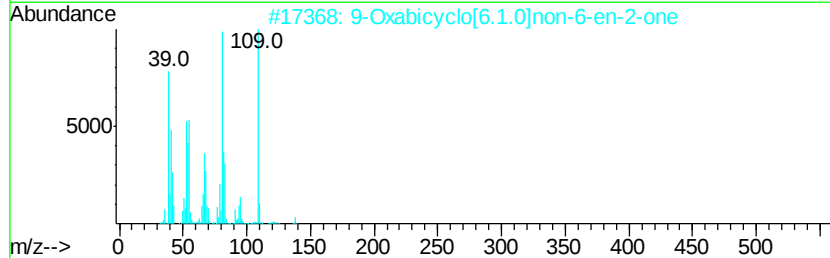
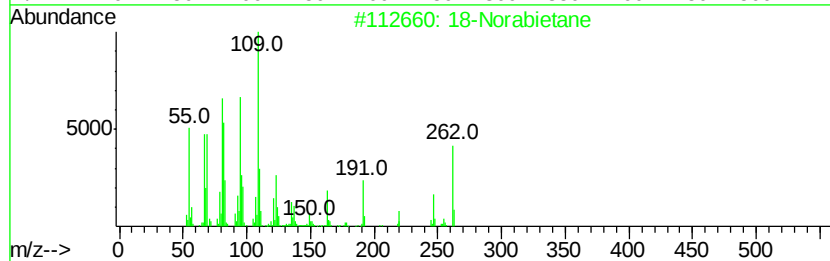
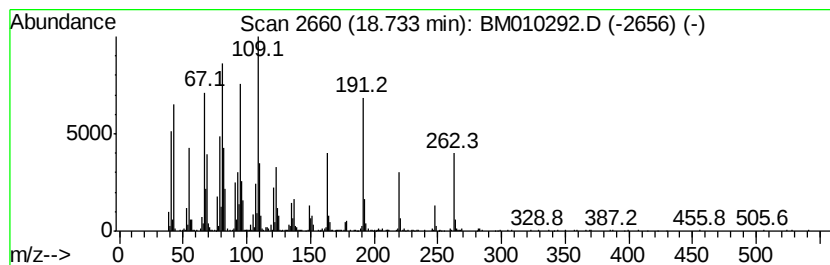
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.73	7.02 ng/ul	1813090	Phenanthrene-d10	17.31	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	49
2	9-Oxabicyclo[6.1.0]non-6-en-2-one	138	C8H10O2	1000211-01-6	27
3	3-Tridecene	180	C13H24	060186-78-9	27
4	2,6-Octadienal, 3,7-dimethyl-, (Z)-	152	C10H16O	000106-26-3	22
5	2(1H)-Pyridinone, 1-methyl-	109	C6H7NO	000694-85-9	22



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010292.D
Acq On : 28 May 2017 01:08
Operator : SJ/MA
Sample : I3162-10
Misc :
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Instrument :
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ClientSampleId :
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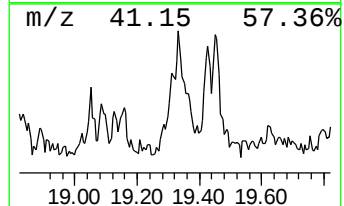
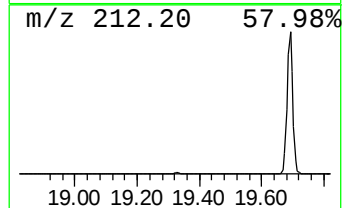
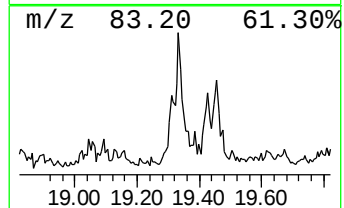
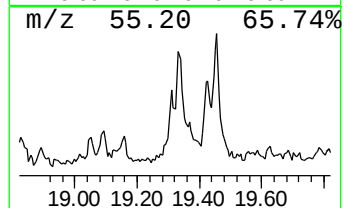
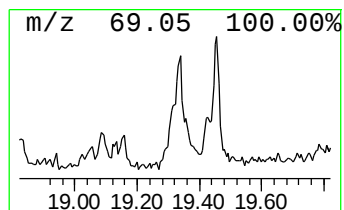
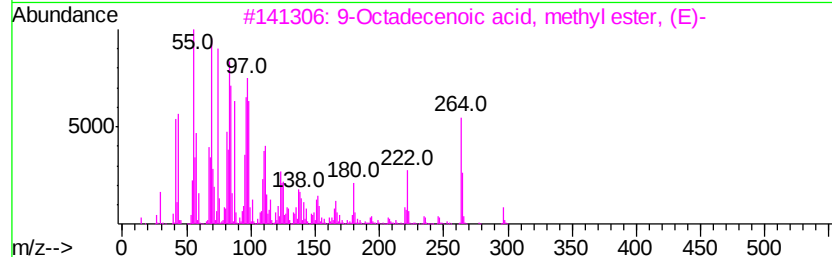
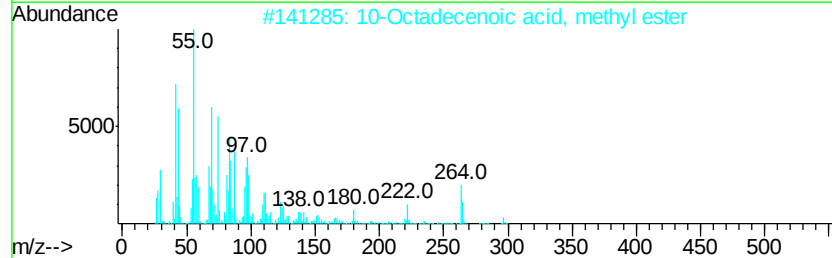
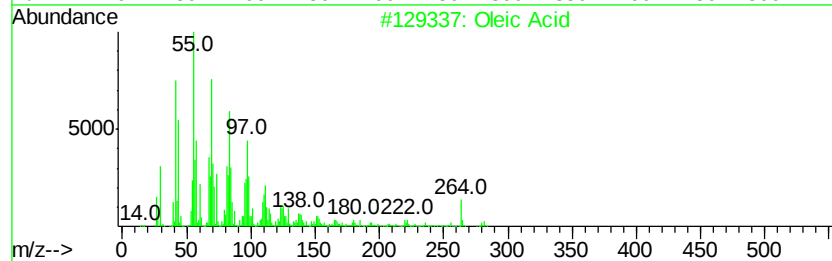
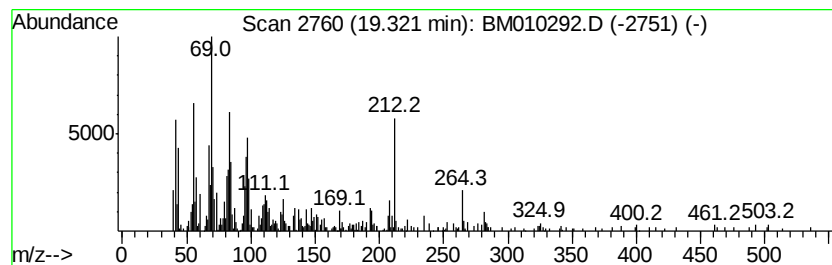
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Oleic Acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	2.12 ng/ul	547675	Phenanthrene-d10	17.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oleic Acid	282	C18H34O2	000112-80-1	76
2			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	56
3			9-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-62-8	55
4			11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	53
5			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	46



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010292.D
Acq On : 28 May 2017 01:08
Operator : SJ/MA
Sample : I3162-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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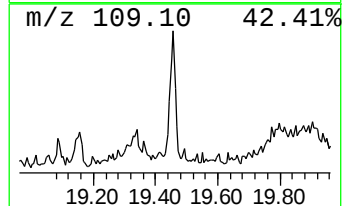
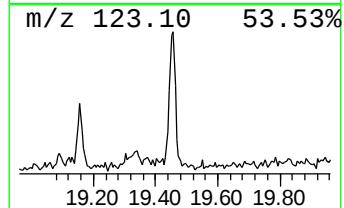
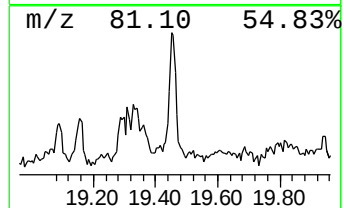
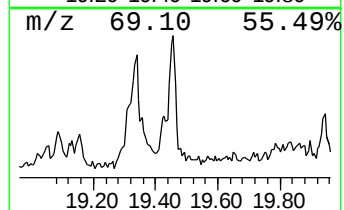
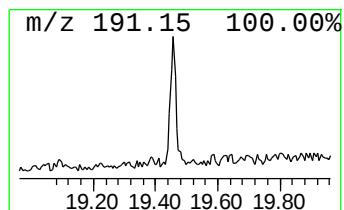
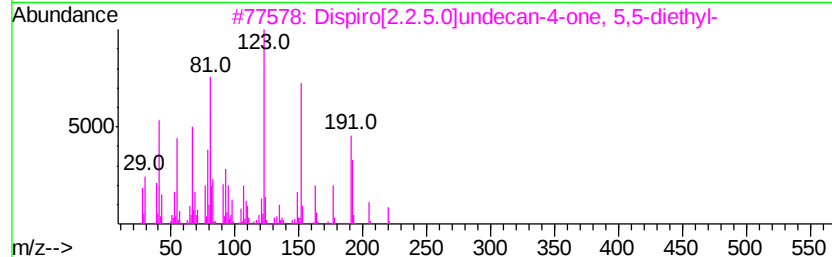
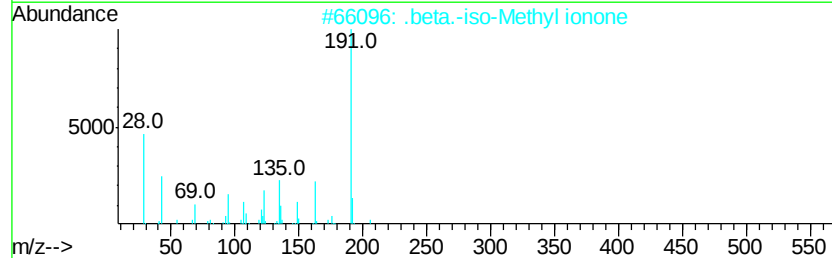
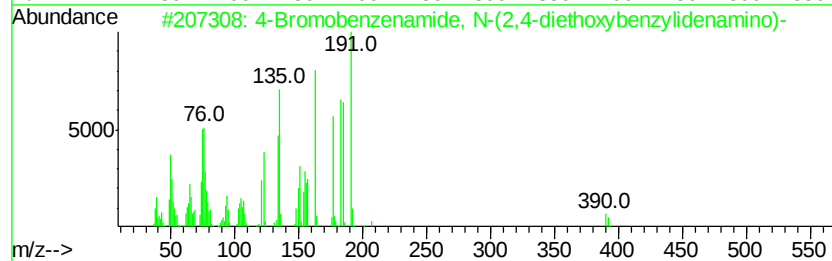
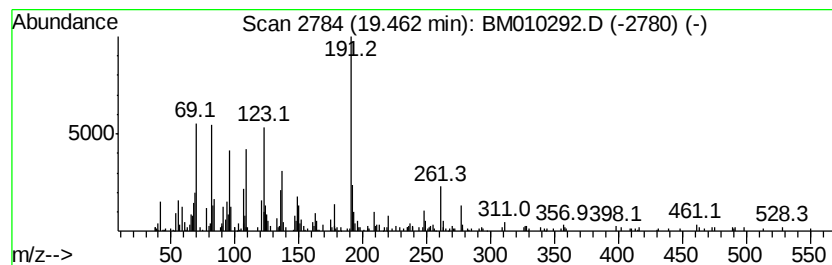
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 4-Bromobenzenamide, N-(2,4-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.46	2.32 ng/ul	896982	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Bromobenzenamide, N-(2,4-dieth...	390	C18H19BrN2O3	1000223-51-9	90
2		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	25
3		Dispiro[2.2.5.0]undecan-4-one, 5...	220	C15H24O	1000152-13-8	25
4		Divinylbis(cyclopropyl)silane	164	C10H16Si	1000109-95-2	22
5		Benzenesulfonyl fluoride, 3-(ac...	261	C10H12FN04S	1000319-13-9	18



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010292.D
Acq On : 28 May 2017 01:08
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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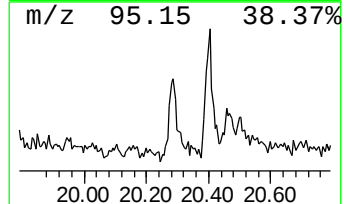
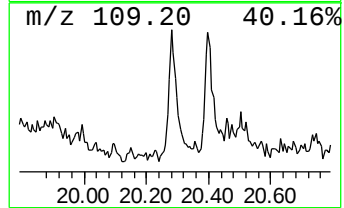
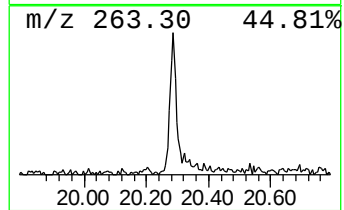
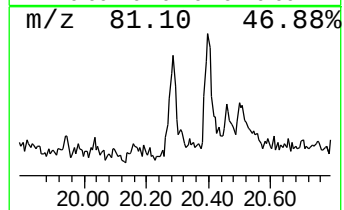
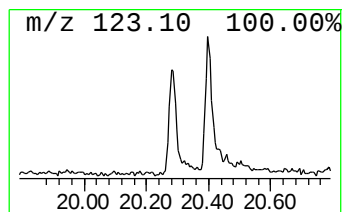
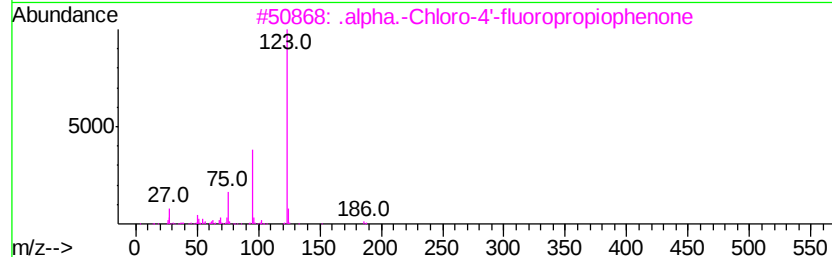
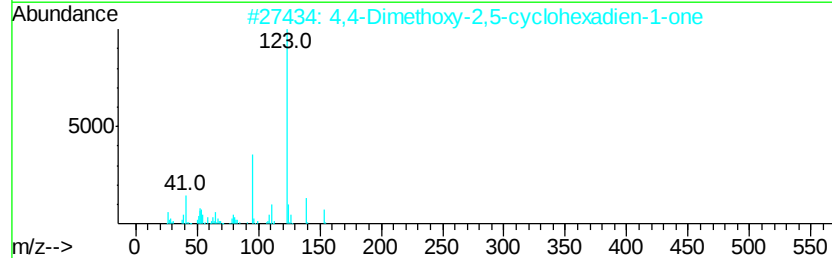
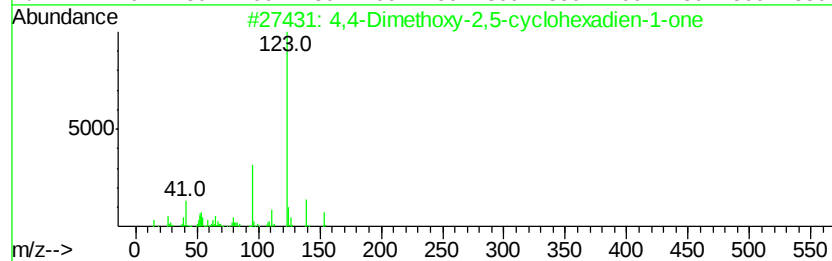
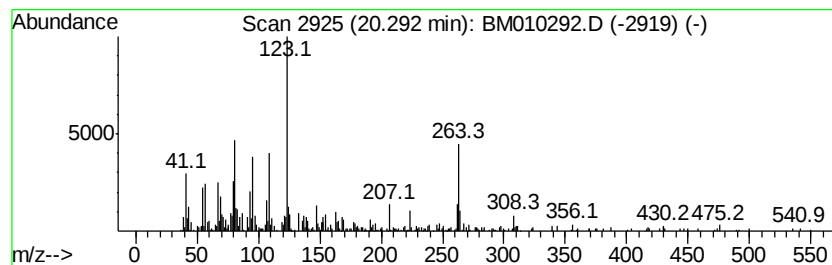
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	2.11 ng/ul	817965	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4-Dimethoxy-2,5-cyclohexadien-...	154	C8H10O3	000935-50-2	49
2		4,4-Dimethoxy-2,5-cyclohexadien-...	154	C8H10O3	000935-50-2	46
3		.alpha.-Chloro-4'-fluoropropioph...	186	C9H8ClFO	081112-09-6	46
4		Benzeneacetic acid, .alpha.,4-di...	168	C8H8O4	001198-84-1	46
5		2-Oxabicyclo[4.4.0]dec-3-en-10-o...	264	C16H24O3	1000196-33-1	45



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010292.D
Acq On : 28 May 2017 01:08
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
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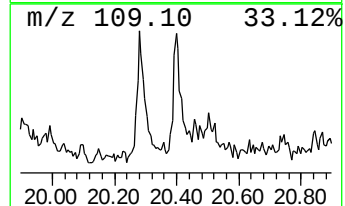
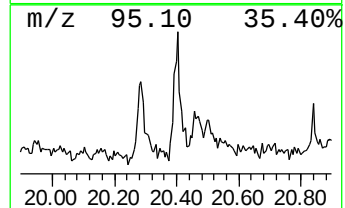
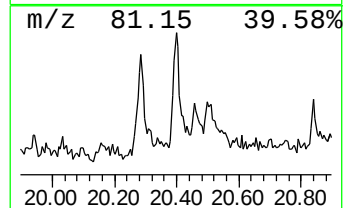
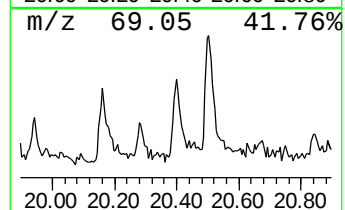
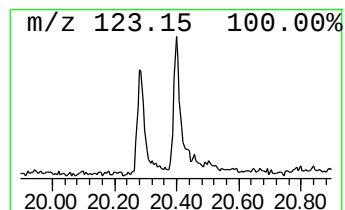
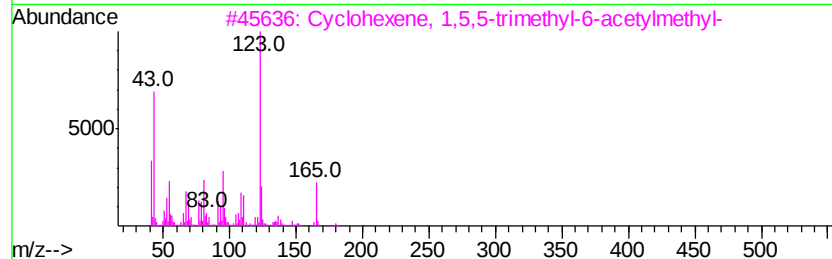
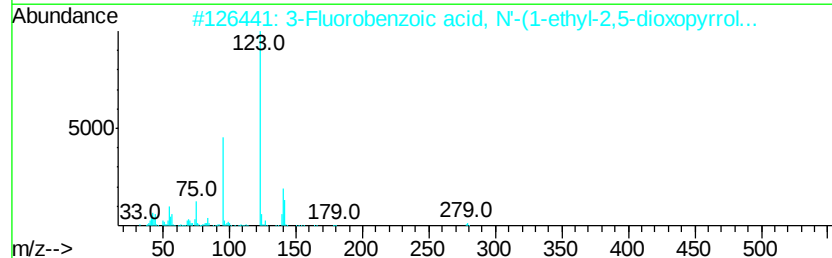
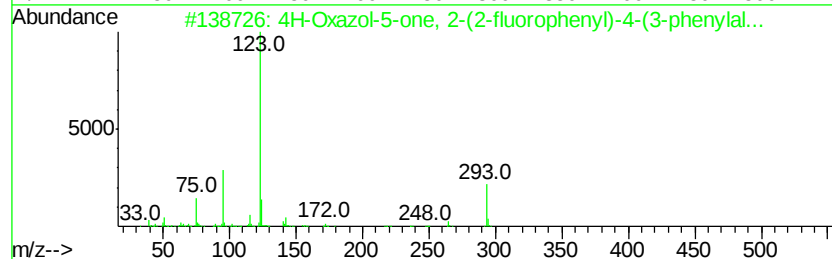
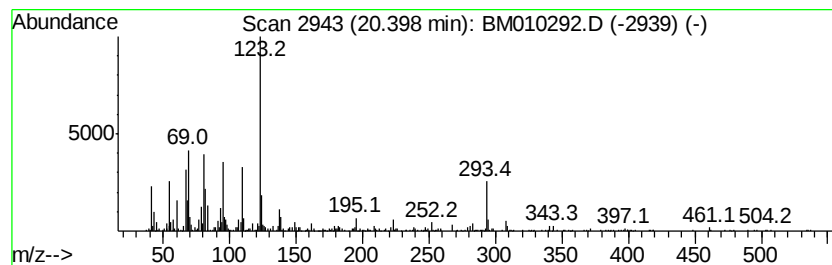
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 4H-Oxazol-5-one, 2-(2-fluor... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.40	2.30 ng/ul	889802	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Oxazol-5-one, 2-(2-fluorophen...	293	C18H12FN02	1000310-91-1	68
2		3-Fluorobenzoic acid, N'-(1-ethy...	279	C13H14FN303	1000304-48-0	58
3		Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H200	211563-96-1	53
4		photocitral A	152	C10H160	055253-28-6	53
5		4-Fluorobenzoic acid, 2,2-dimeth...	210	C12H15F02	069912-03-4	52



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010292.D
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Misc :
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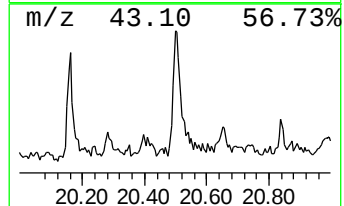
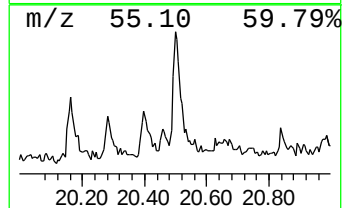
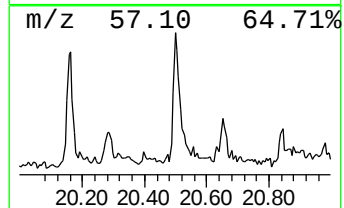
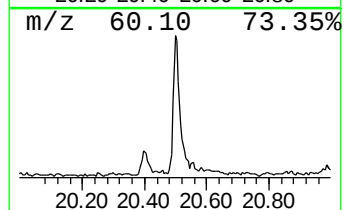
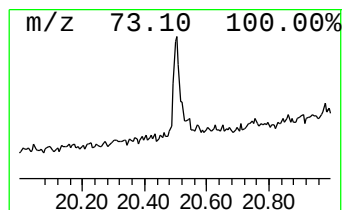
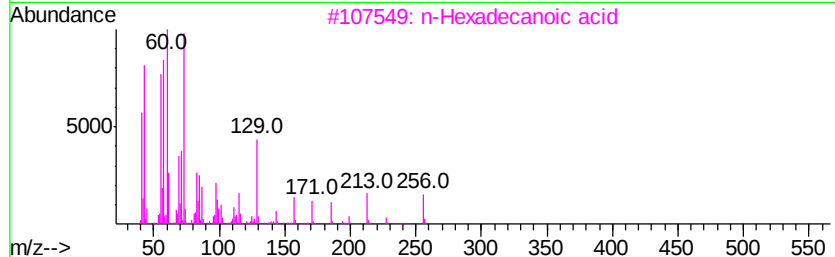
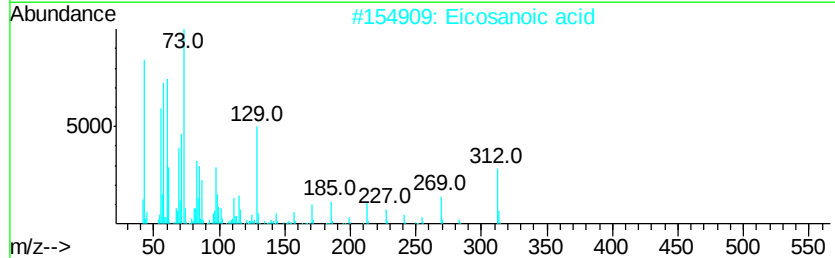
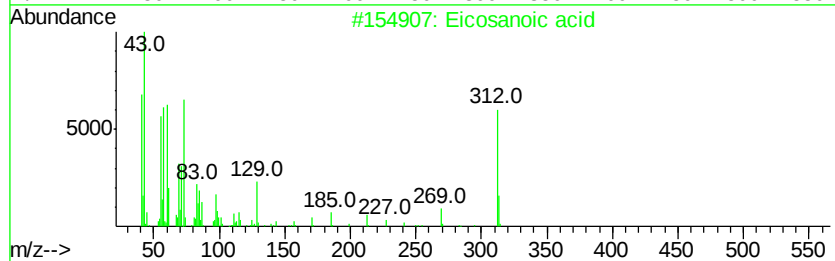
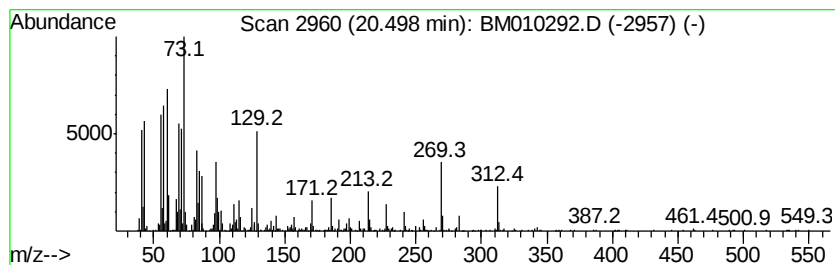
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Eicosanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	4.35 ng/ul	1686980	Chrysene-d12	21.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosanoic acid	312	C20H40O2	000506-30-9	99
2			Eicosanoic acid	312	C20H40O2	000506-30-9	95
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4			Octadecanoic acid	284	C18H36O2	000057-11-4	70
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	70



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Data File : BM010292.D
Acq On : 28 May 2017 01:08
Operator : SJ/MA
Sample : I3162-10
Misc :
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Instrument :
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ClientSampleId :
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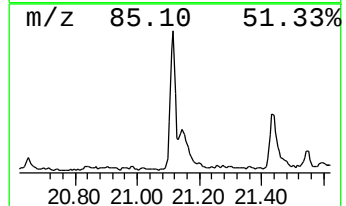
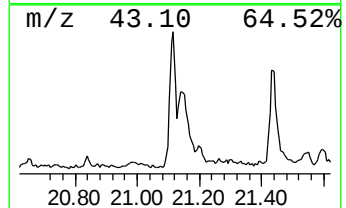
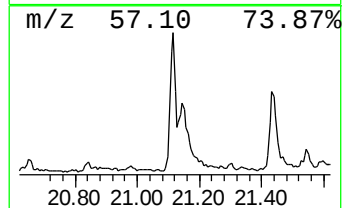
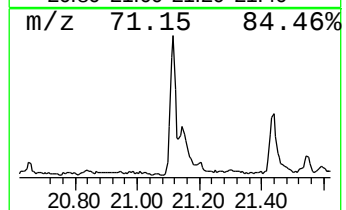
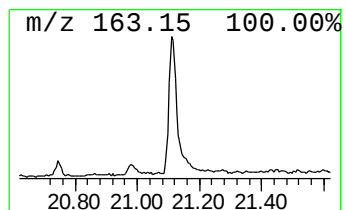
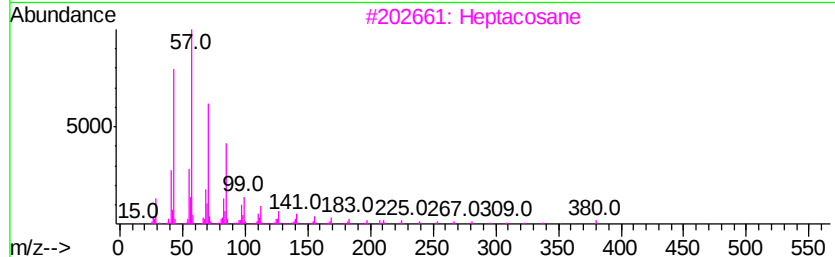
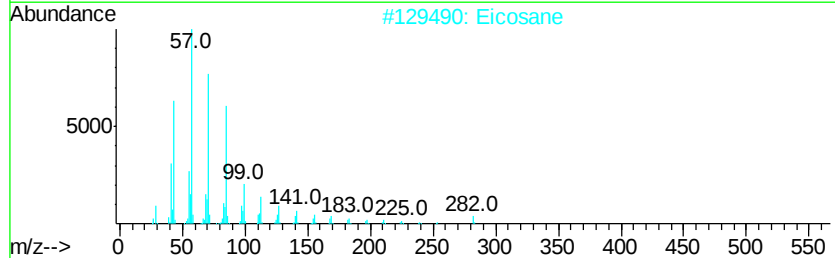
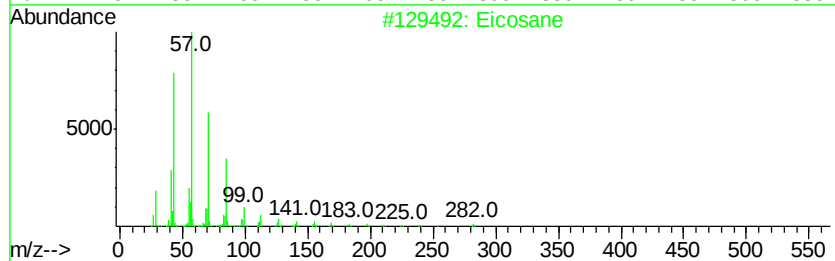
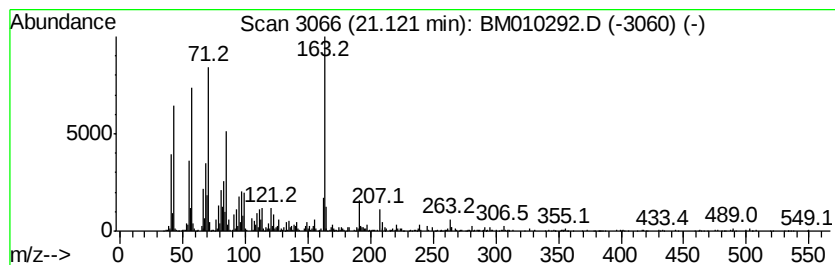
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	7.53 ng/ul	2917490	Chrysene-d12	21.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	64
2			Eicosane	282	C20H42	000112-95-8	59
3			Heptacosane	380	C27H56	000593-49-7	55
4			2-methyloctacosane	408	C29H60	1000376-72-8	55
5			Hexacosane	366	C26H54	000630-01-3	55



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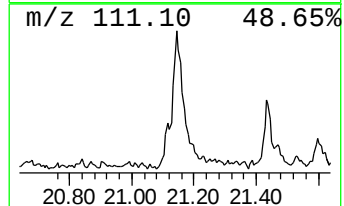
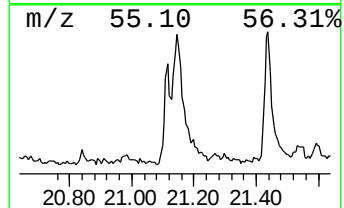
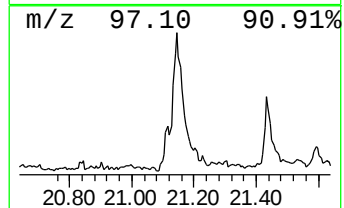
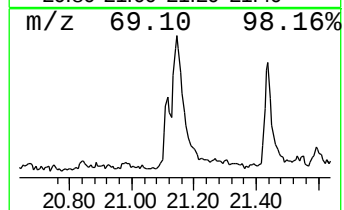
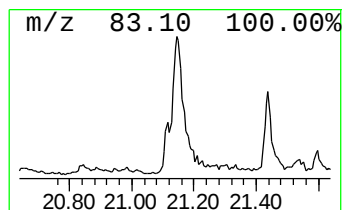
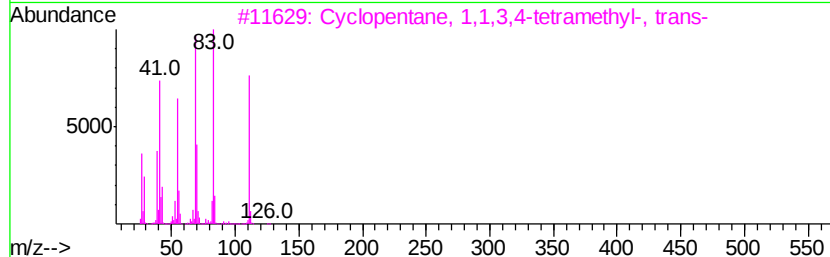
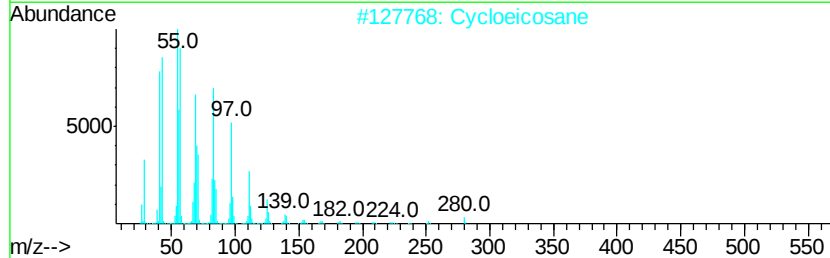
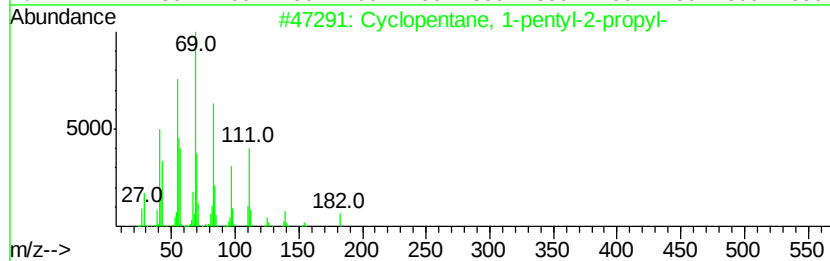
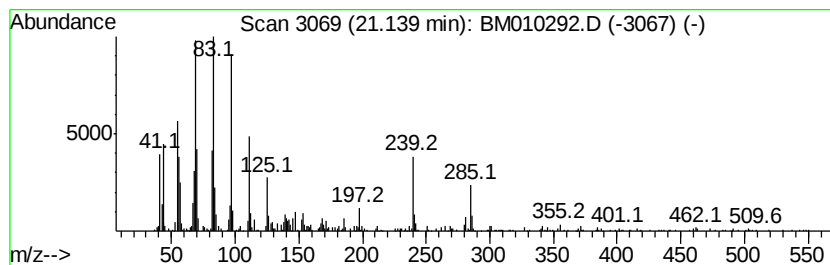
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Cyclic21.14 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	9.42 ng/ul	3650380	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	55
2		Cycloeicosane	280	C20H40	000296-56-0	53
3		Cyclopentane, 1,1,3,4-tetramethyl-	126	C9H18	020309-77-7	43
4		Cyclopentadecane	210	C15H30	000295-48-7	41
5		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38



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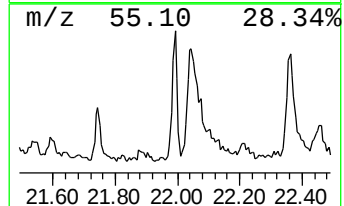
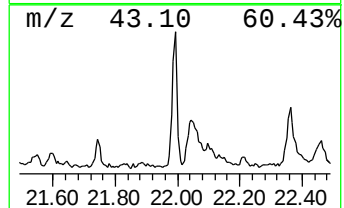
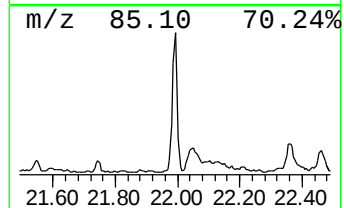
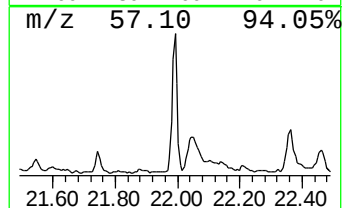
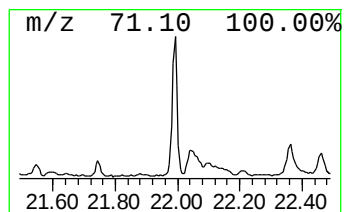
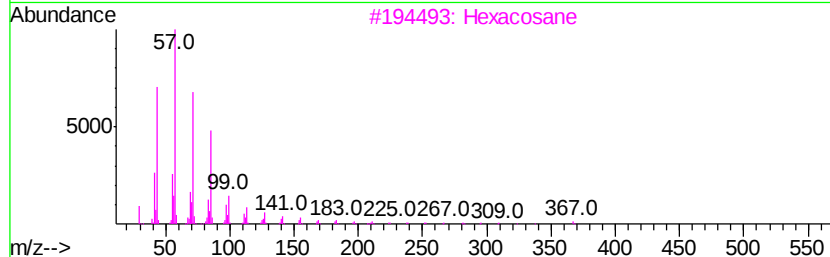
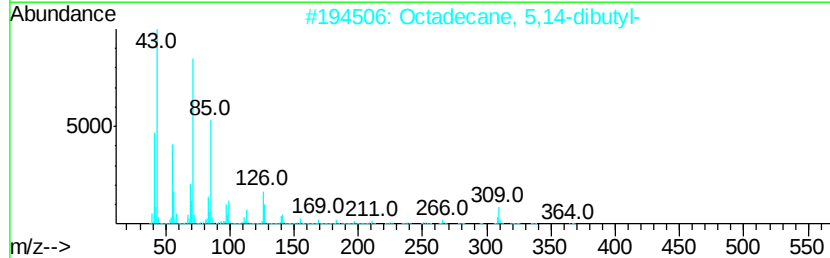
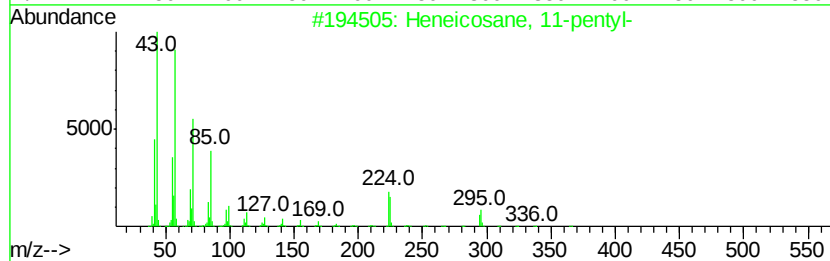
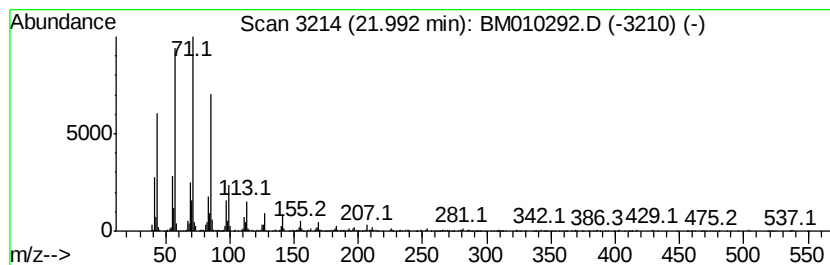
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.99	5.56 ng/ul	2153120	Chrysene-d12	21.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
2	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	93
3	Hexacosane	366	C26H54	000630-01-3	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heneicosane	296	C21H44	000629-94-7	91



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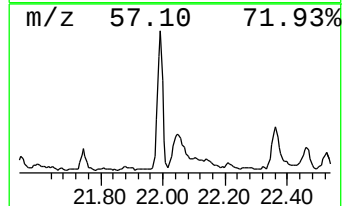
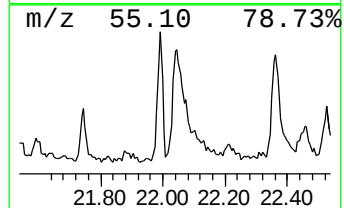
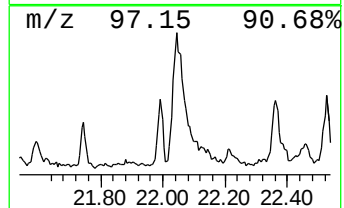
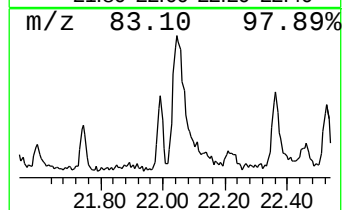
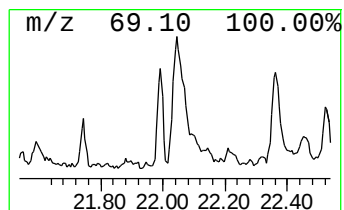
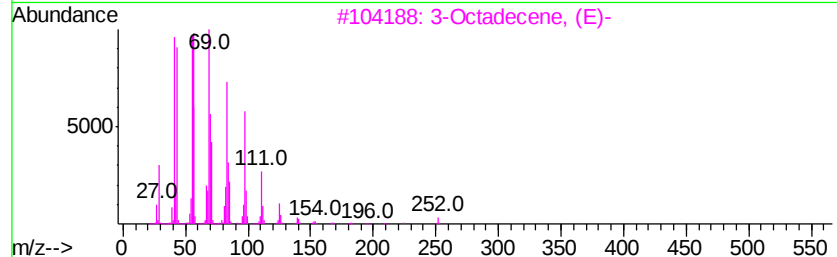
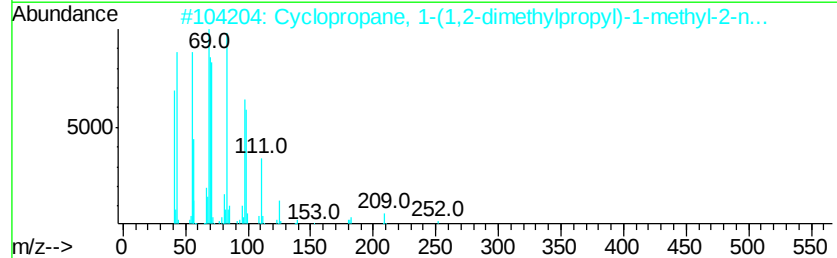
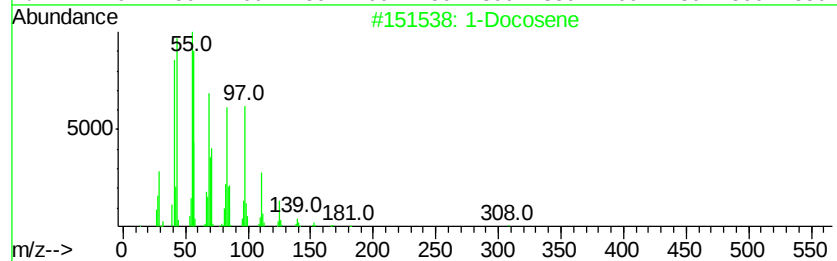
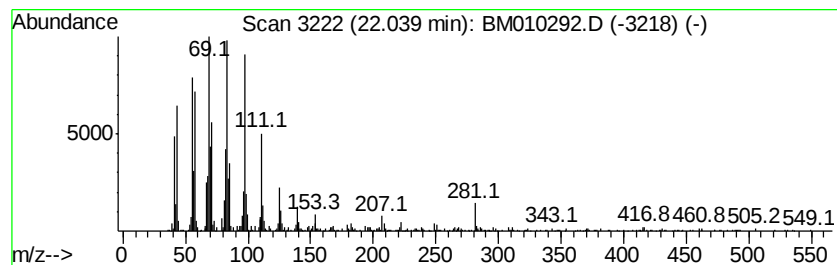
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Cyclic22.04 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	7.48 ng/ul	2898580	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	83
2		Cyclopropane, 1-(1,2-dimethylpro...	252	C18H36	041977-42-8	83
3		3-Octadecene, (E)-	252	C18H36	007206-19-1	70
4		1-Heptacosanol	396	C27H56O	002004-39-9	60
5		Behenic alcohol	326	C22H46O	000661-19-8	60



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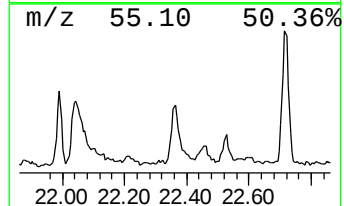
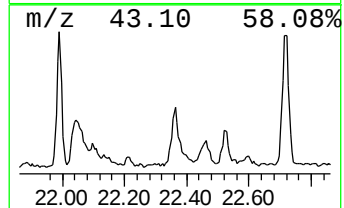
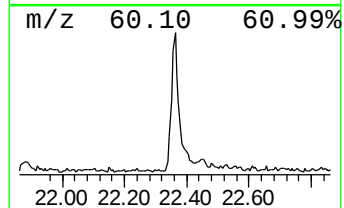
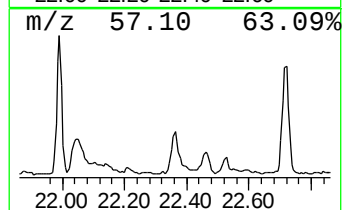
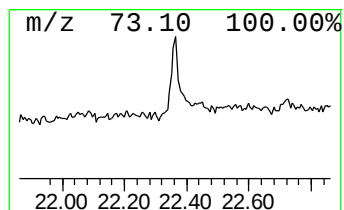
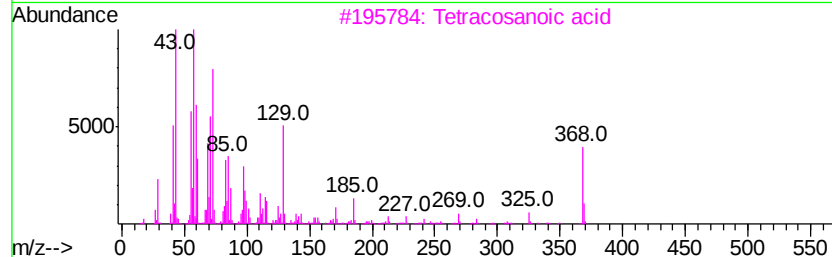
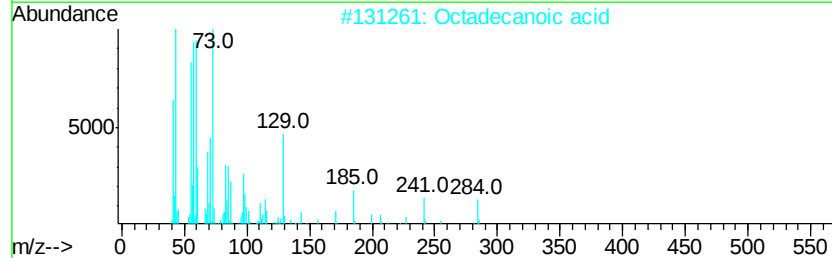
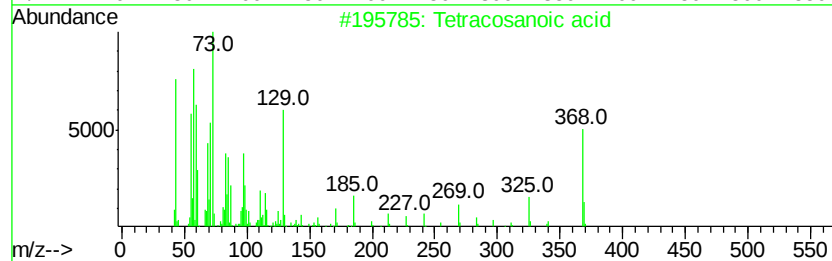
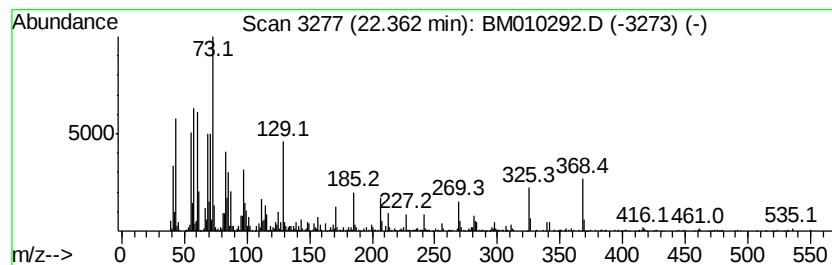
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Tetracosanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	6.59 ng/ul	2551650	Chrysene-d12	21.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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	38
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	35



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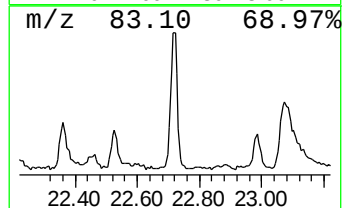
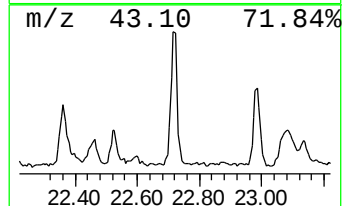
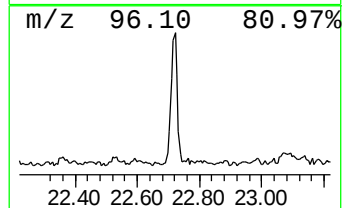
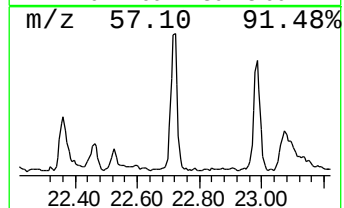
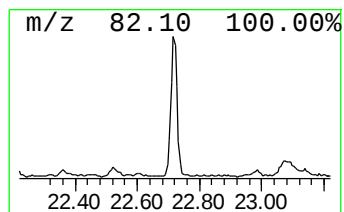
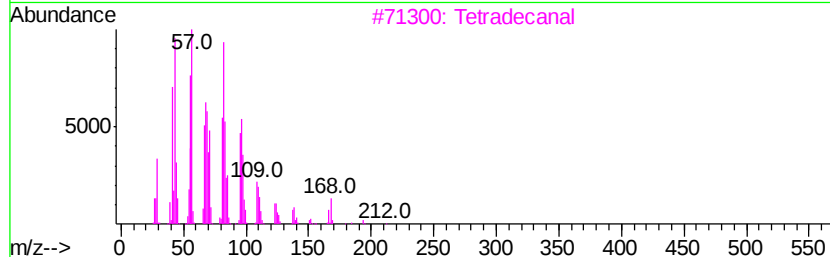
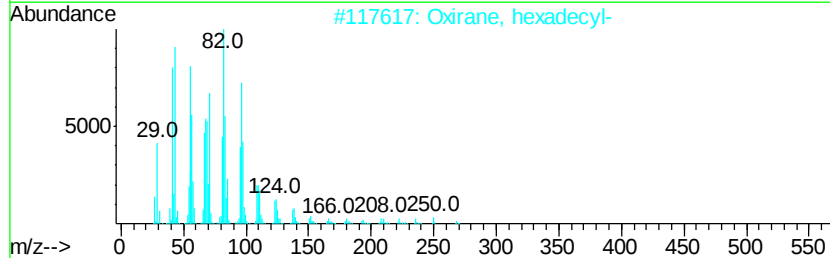
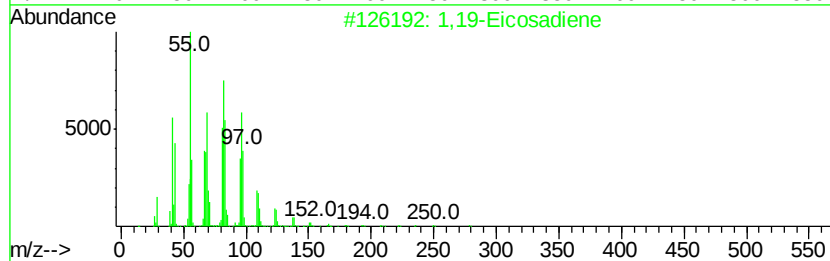
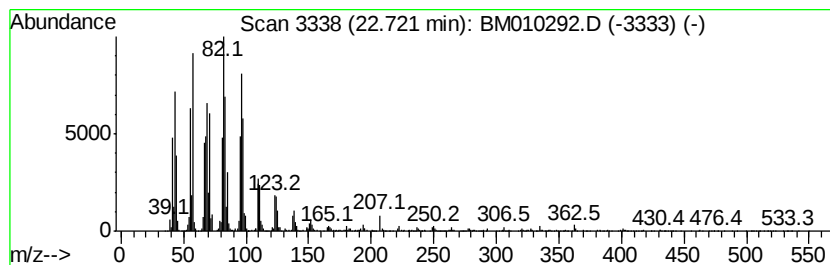
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 1,19-Eicosadiene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.72	12.29 ng/ul	4593410	Perylene-d12	23.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,19-Eicosadiene		278 C20H38	014811-95-1 94
2	Oxirane, hexadecyl-		268 C18H36O	007390-81-0 91
3	Tetradecanal		212 C14H28O	000124-25-4 91
4	Oxirane, heptadecyl-		282 C19H38O	067860-04-2 91
5	Oxirane, hexadecyl-		268 C18H36O	007390-81-0 91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
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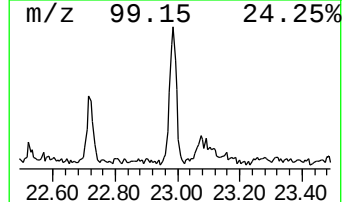
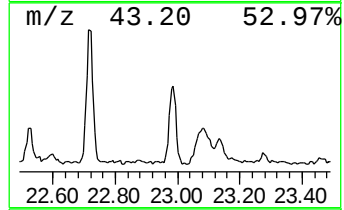
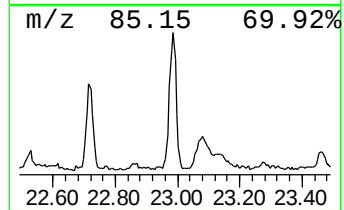
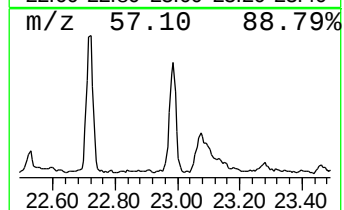
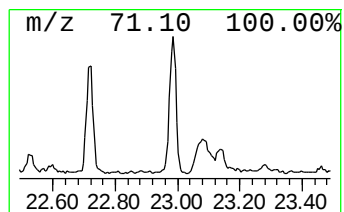
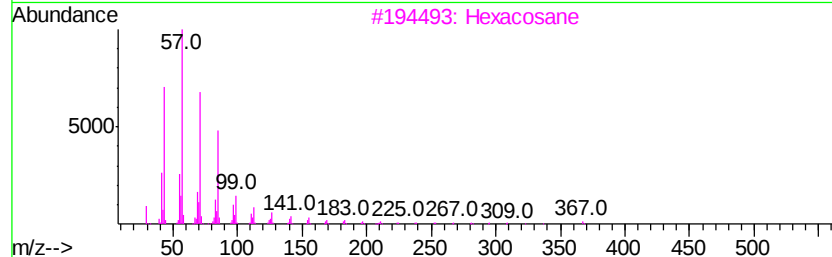
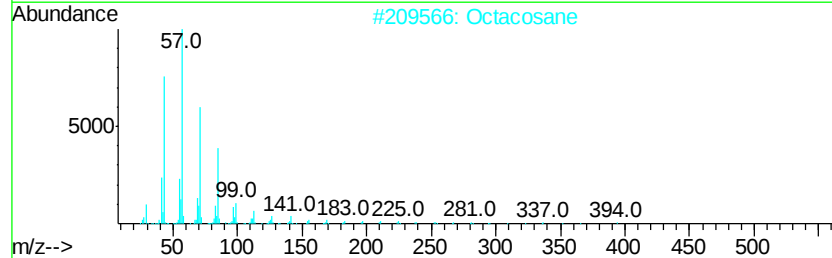
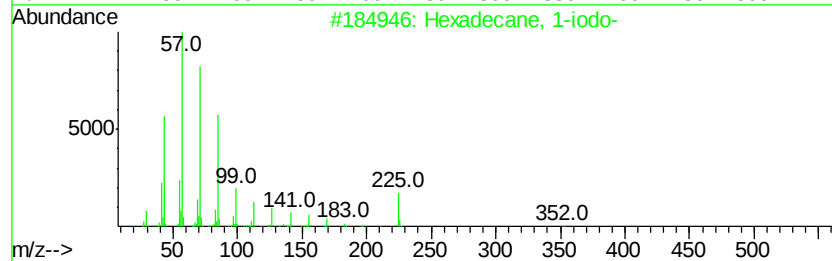
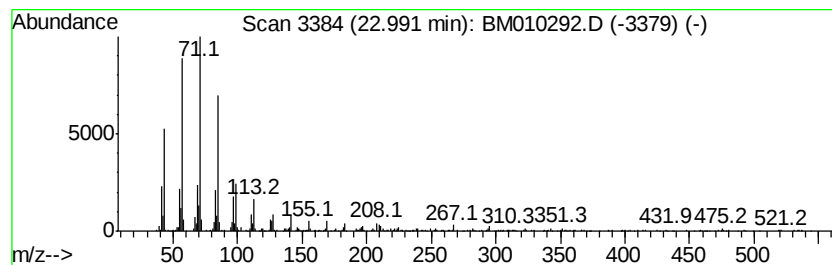
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JHSF1

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 18 Hexadecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	4.68 ng/ul	1747660	Perylene-d12	23.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane, 1-iodo-	352 C16H33I	000544-77-4	91
2	Octacosane	394 C28H58	000630-02-4	87
3	Hexacosane	366 C26H54	000630-01-3	87
4	Heptacosane	380 C27H56	000593-49-7	83
5	Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4	83



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010292.D
Acq On : 28 May 2017 01:08
Operator : SJ/MA
Sample : I3162-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

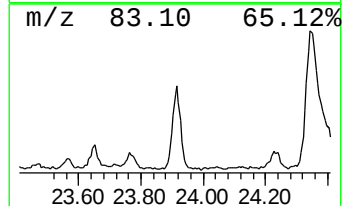
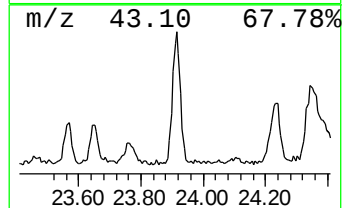
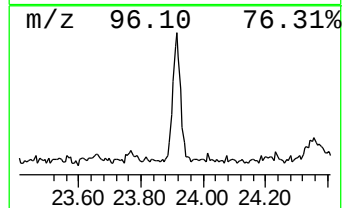
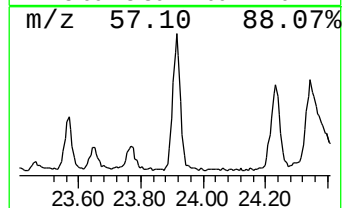
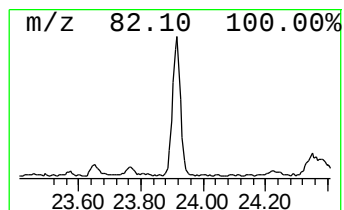
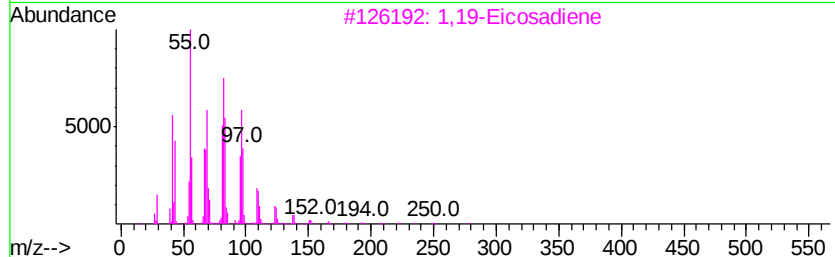
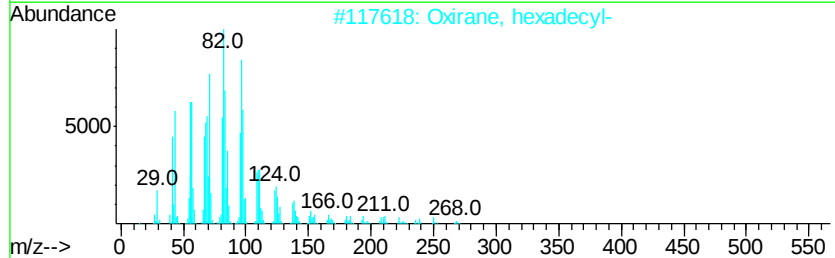
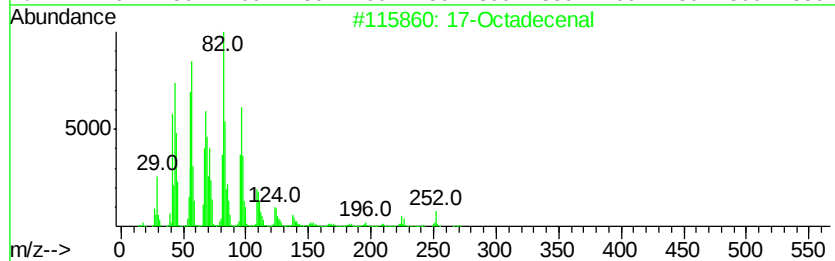
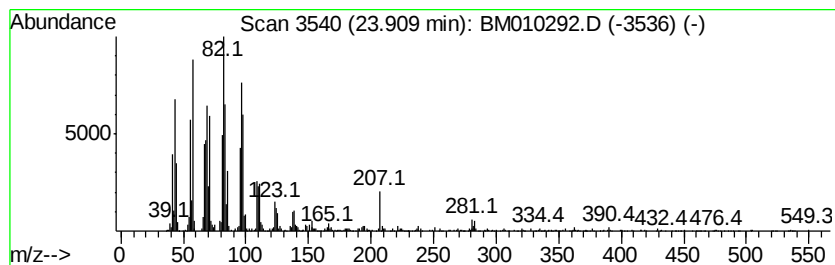
Instrument :
BNA_M
ClientSampleId :
JHSF1

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 19 17-Octadecenal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	12.94 ng/ul	4836740	Perylene-d12	23.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		17-Octadecenal	266 C18H34O	056554-86-0 94
2		Oxirane, hexadecyl-	268 C18H36O	007390-81-0 94
3		1,19-Eicosadiene	278 C20H38	014811-95-1 93
4		Octadecanal	268 C18H36O	000638-66-4 91
5		Oxirane, hexadecyl-	268 C18H36O	007390-81-0 91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010292.D
Acq On : 28 May 2017 01:08
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Sample : I3162-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

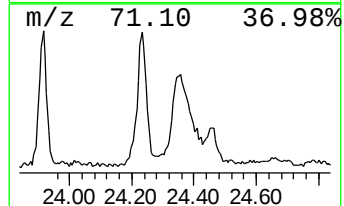
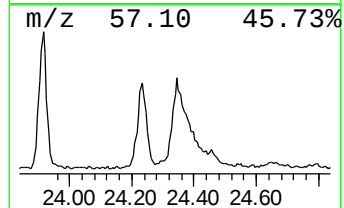
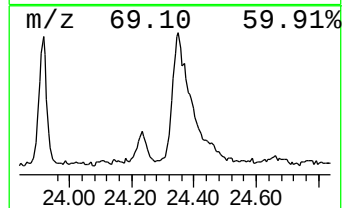
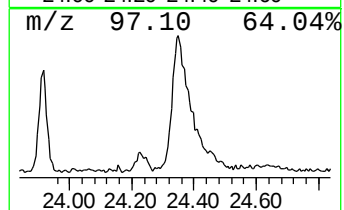
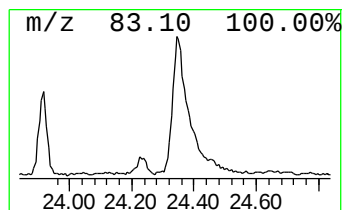
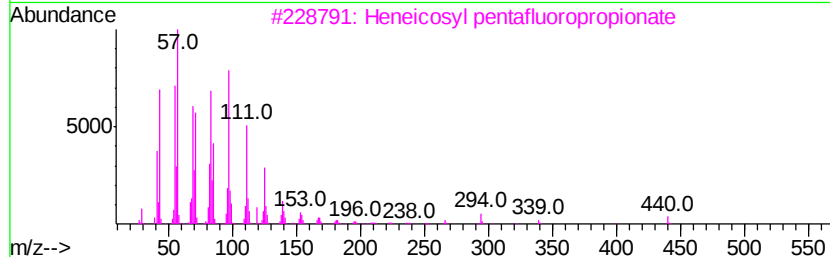
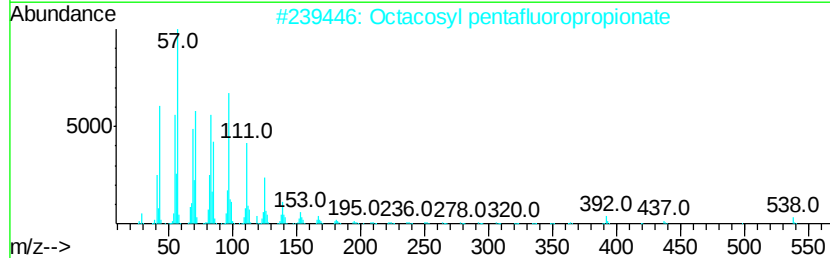
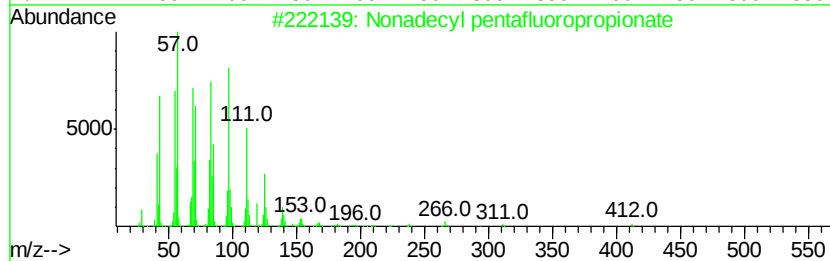
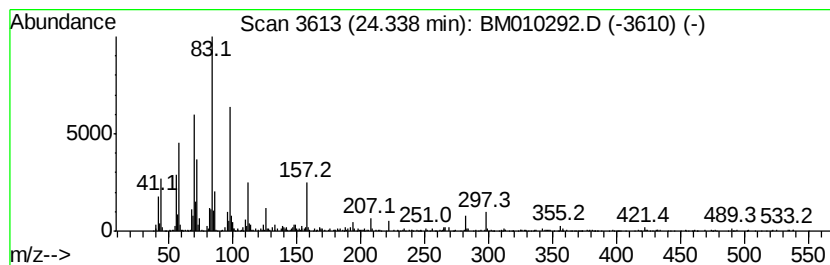
Instrument :
BNA_M
ClientSampleId :
JHSF1

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 20 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.34	12.68 ng/ul	4737880	Perylene-d12	23.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Nonadecyl pentafluoropropionate	430 C22H39F5O2	1000351-88-8 38
2		Octacosyl pentafluoropropionate	556 C31H57F5O2	1000351-88-9 30
3		Heneicosyl pentafluoropropionate	458 C24H43F5O2	1000351-81-1 30
4		Octacosyl trifluoroacetate	506 C30H57F3O2	1000351-74-9 27
5		Dotriacontyl pentafluoropropionate	612 C35H65F5O2	1000351-81-4 25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052717\
 Data File : BM010292.D
 Acq On : 28 May 2017 01:08
 Operator : SJ/MA
 Sample : I3162-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSF1

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
Undecanoic acid	17.16	2.2	ng/ul	563622	4	17.31	5163670	20.0
9-Hexadecenoic acid	18.04	2.5	ng/ul	649947	4	17.31	5163670	20.0
n-Hexadecanoic acid	18.16	5.5	ng/ul	1420880	4	17.31	5163670	20.0
photocitral B	18.46	10.3	ng/ul	2668900	4	17.31	5163670	20.0
Benzamide, N-(4-f...	18.55	2.2	ng/ul	571921	4	17.31	5163670	20.0
unknown-01	18.73	7.0	ng/ul	1813090	4	17.31	5163670	20.0
Oleic Acid	19.32	2.1	ng/ul	547675	4	17.31	5163670	20.0
4-Bromobenzenamid...	19.46	2.3	ng/ul	896982	5	21.47	7748100	20.0
unknown-02	20.29	2.1	ng/ul	817965	5	21.47	7748100	20.0
4H-Oxazol-5-one, ...	20.40	2.3	ng/ul	889802	5	21.47	7748100	20.0
Eicosanoic acid	20.50	4.3	ng/ul	1686980	5	21.47	7748100	20.0
(DEL) Alkane: Str...	21.12	7.5	ng/ul	2917490	5	21.47	7748100	20.0
(DEL) Alkane: Cyc...	21.14	9.4	ng/ul	3650380	5	21.47	7748100	20.0
(DEL) Alkane: Str...	21.99	5.6	ng/ul	2153120	5	21.47	7748100	20.0
(DEL) Alkane: Cyc...	22.04	7.5	ng/ul	2898580	5	21.47	7748100	20.0
Tetracosanoic acid	22.36	6.6	ng/ul	2551650	5	21.47	7748100	20.0
1,19-Eicosadiene	22.72	12.3	ng/ul	4593410	6	23.82	7472970	20.0
Hexadecane, 1-iodo-	22.99	4.7	ng/ul	1747660	6	23.82	7472970	20.0
17-Octadecenal	23.91	12.9	ng/ul	4836740	6	23.82	7472970	20.0
unknown-03	24.34	12.7	ng/ul	4737880	6	23.82	7472970	20.0