

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
 Data File : BM010295.D
 Acq On : 28 May 2017 02:56
 Operator : SJ/MA
 Sample : I3162-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSF0

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	6.569	586	592	597	rBV4	67427	108187	1.11%	0.101%
2	7.116	678	685	695	rBV	1134221	1945637	20.04%	1.821%
3	7.269	704	711	718	rBV	829489	1287810	13.26%	1.205%
4	7.334	718	722	728	rVB3	84241	136014	1.40%	0.127%
5	7.469	736	745	754	rBV	1341779	2088990	21.51%	1.955%
6	7.928	813	823	833	rBV	1697637	2723906	28.05%	2.550%
7	8.651	938	946	959	rBV	1461790	2438034	25.11%	2.282%
8	9.116	1012	1025	1033	rBV	1125461	1898453	19.55%	1.777%
9	9.375	1065	1069	1074	rBV3	65355	100455	1.03%	0.094%
10	9.828	1139	1146	1155	rBV	1022408	1667374	17.17%	1.561%
11	10.357	1228	1236	1250	rBV	1621298	2798173	28.82%	2.619%
12	10.733	1293	1300	1308	rBV	2088356	3395164	34.96%	3.178%
13	10.898	1321	1328	1346	rBV	387684	839080	8.64%	0.785%
14	13.974	1843	1851	1856	rBV	2942327	4023855	41.44%	3.766%
15	14.021	1856	1859	1864	rVB	925167	1234601	12.71%	1.156%
16	14.263	1893	1900	1910	rBV	3189694	4478759	46.12%	4.192%
17	14.392	1918	1922	1929	rVB2	89005	117959	1.21%	0.110%
18	14.563	1944	1951	1960	rBV2	3078797	4571211	47.07%	4.279%
19	14.804	1982	1992	2003	rBV	841899	1637975	16.87%	1.533%
20	15.345	2080	2084	2088	rBV2	88386	110860	1.14%	0.104%
21	15.551	2110	2119	2129	rBV	3938486	5726162	58.97%	5.360%
22	15.674	2135	2140	2147	rBV	1217960	1615131	16.63%	1.512%
23	16.204	2226	2230	2238	rBV2	122440	227081	2.34%	0.213%
24	17.162	2388	2393	2395	rBV5	91191	135750	1.40%	0.127%
25	17.309	2411	2418	2428	rBV	4032081	5745300	59.17%	5.378%
26	17.404	2429	2434	2442	rVV2	4331402	6079165	62.60%	5.690%
27	18.039	2538	2542	2549	rBV5	138235	258542	2.66%	0.242%
28	18.103	2549	2553	2557	rVB6	107159	135462	1.39%	0.127%
29	18.156	2557	2562	2574	rBV	829213	1327088	13.67%	1.242%
30	18.333	2589	2592	2596	rVB5	84834	109926	1.13%	0.103%
31	18.462	2609	2614	2622	rVB2	621362	966699	9.96%	0.905%
32	18.798	2668	2671	2674	rBV5	75828	102687	1.06%	0.096%
33	19.050	2711	2714	2717	rBV4	137521	165943	1.71%	0.155%
34	19.092	2717	2721	2723	rVV5	118926	169683	1.75%	0.159%

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35	19.127	2723	2727	2733	rVB	542442	736218	7.58%	0.689%
36	19.333	2756	2762	2765	rBV7	164415	343386	3.54%	0.321%
37	19.427	2774	2778	2780	rBV2	293364	414681	4.27%	0.388%
38	19.450	2780	2782	2787	rVB	577162	698468	7.19%	0.654%
39	19.574	2799	2803	2807	rBV2	213107	300793	3.10%	0.282%
40	19.692	2818	2823	2830	rBV	5965612	7849989	80.84%	7.348%
41	20.109	2890	2894	2898	rBV	633767	772670	7.96%	0.723%
42	20.156	2900	2902	2909	rVB2	246609	315832	3.25%	0.296%
43	20.503	2957	2961	2965	rBV6	342739	704943	7.26%	0.660%
44	21.115	3061	3065	3067	rBV	738356	910329	9.37%	0.852%
45	21.144	3067	3070	3079	rVB6	575668	1253298	12.91%	1.173%
46	21.468	3121	3125	3132	rVB	6627077	8077660	83.18%	7.561%
47	21.991	3210	3214	3218	rBV	1170138	1685103	17.35%	1.577%
48	22.715	3334	3337	3343	rVB3	1286129	1692387	17.43%	1.584%
49	22.980	3380	3382	3388	rVB2	663053	935974	9.64%	0.876%
50	23.668	3493	3499	3507	rVB2	4996200	9710544	100.00%	9.089%
51	23.821	3519	3525	3532	rVB	4194592	8301062	85.49%	7.770%
52	23.915	3537	3541	3548	rVB4	1024868	1762949	18.15%	1.650%

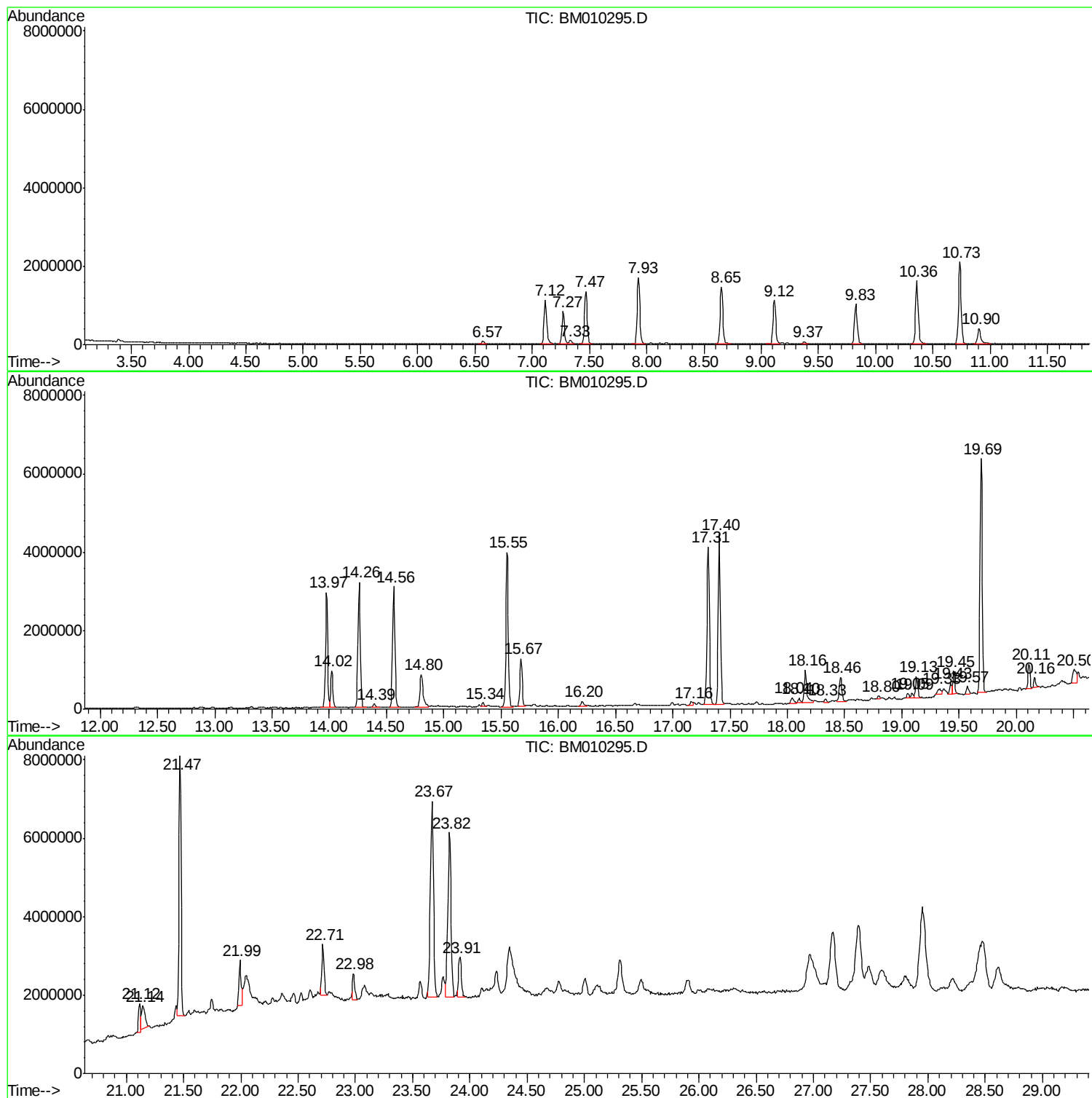
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Quant Title : SVOA CALIBRATION

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



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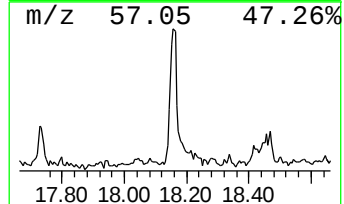
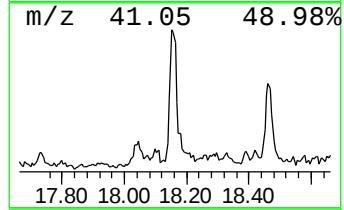
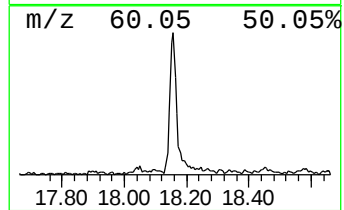
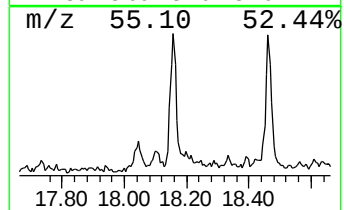
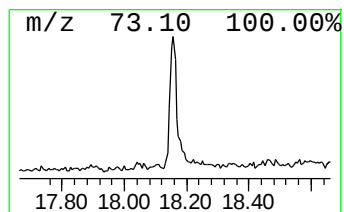
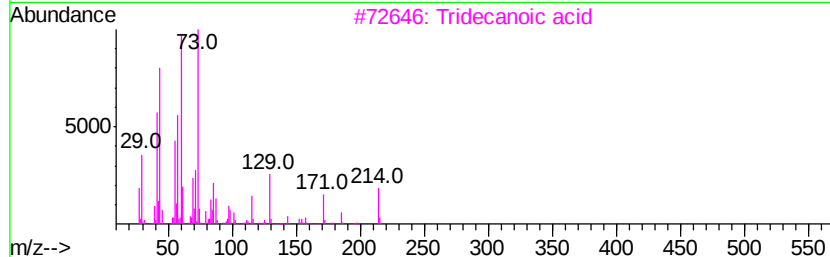
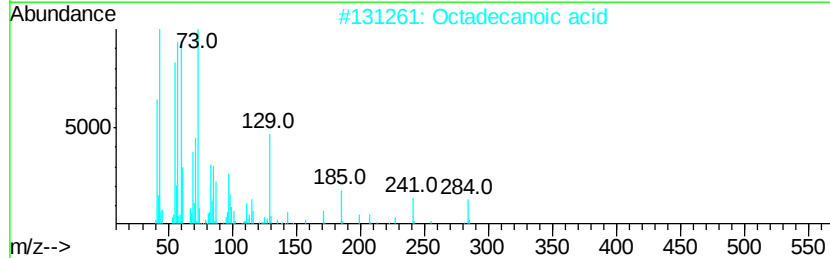
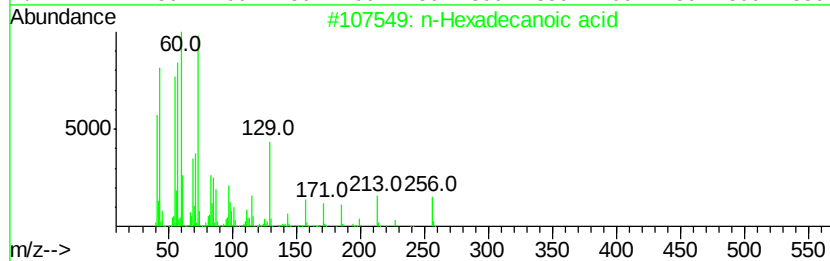
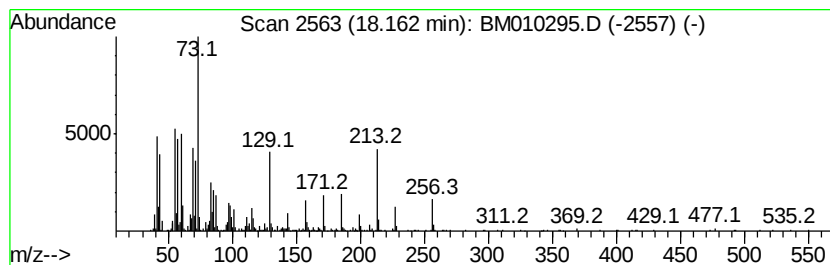
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.16	4.62 ng/ul	1327090	Phenanthrene-d10	17.31		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	90	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	78	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	78	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	78	



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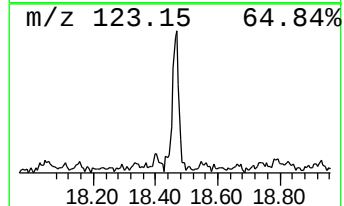
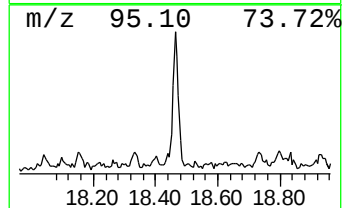
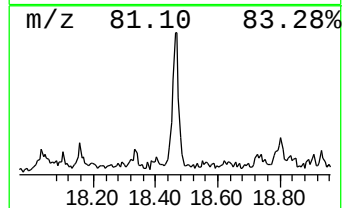
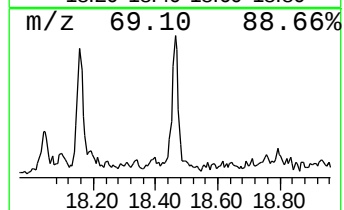
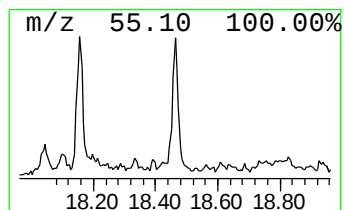
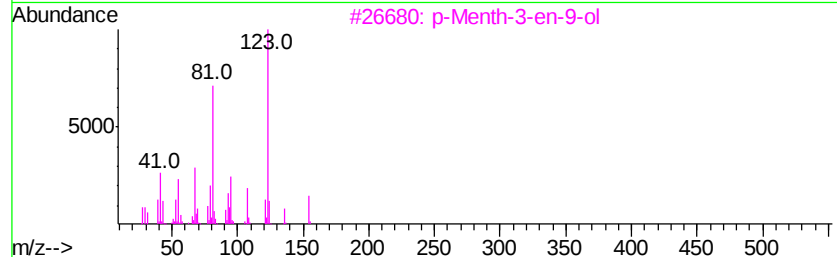
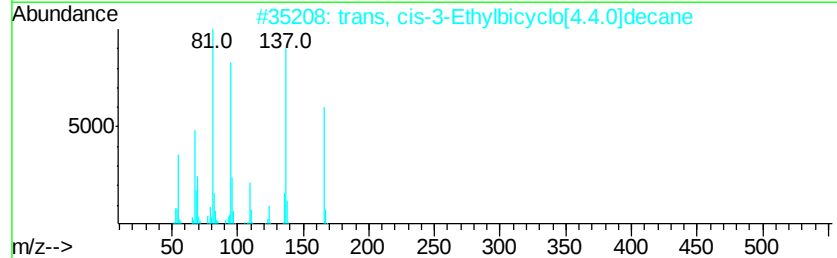
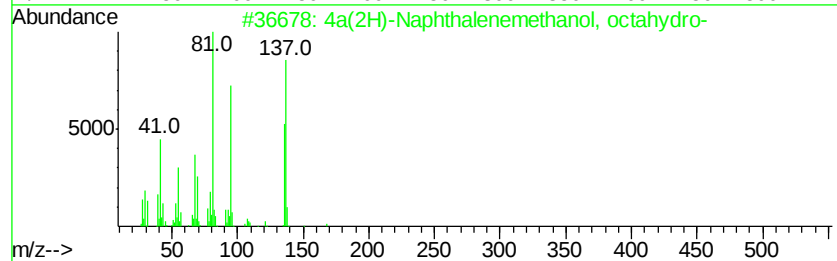
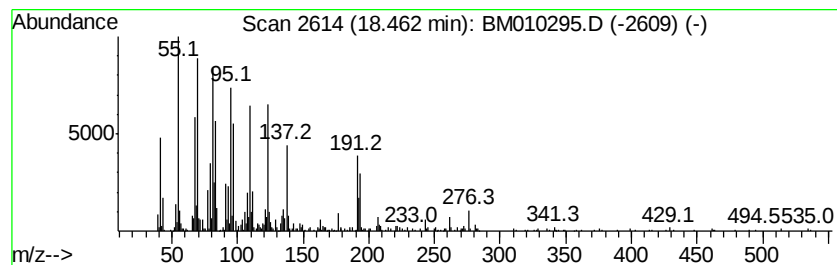
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.46	3.37 ng/ul	966699	Phenanthrene-d10	17.31		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4a(2H)-Naphthalenemethanol, octa...	168	C11H20O	099992-19-5	38	
2	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	38	
3	p-Menth-3-en-9-ol	154	C10H18O	015714-10-0	35	
4	2-Fluorobenzoic acid, 3,5-dimeth...	250	C15H19FO2	1000278-96-6	35	
5	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	30	



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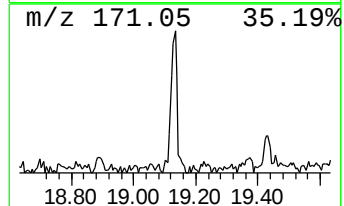
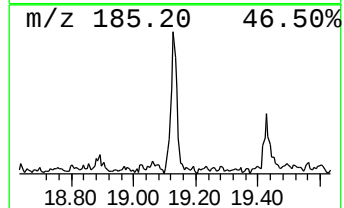
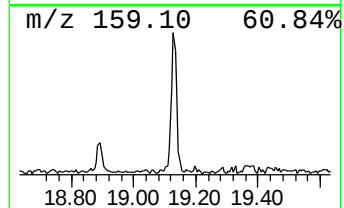
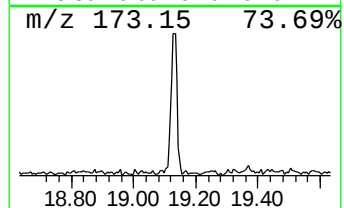
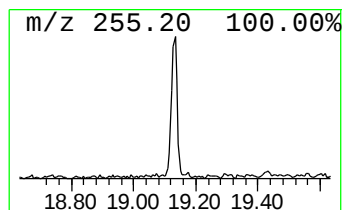
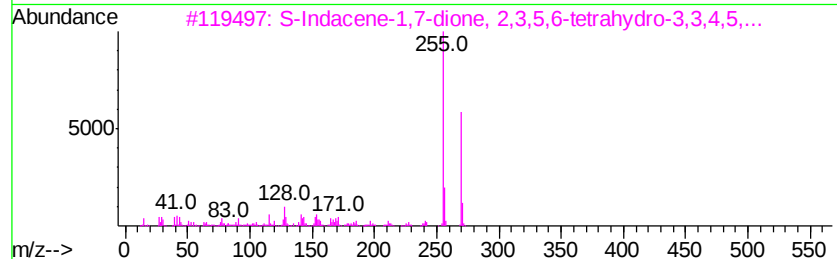
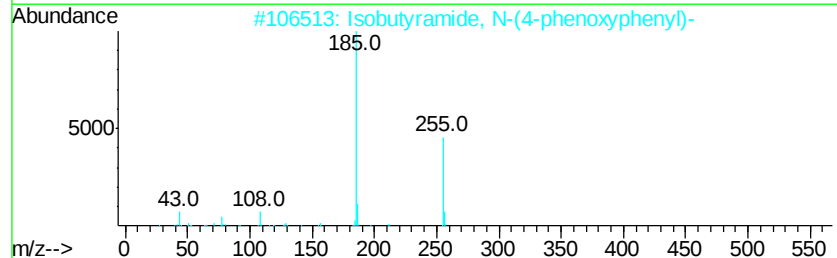
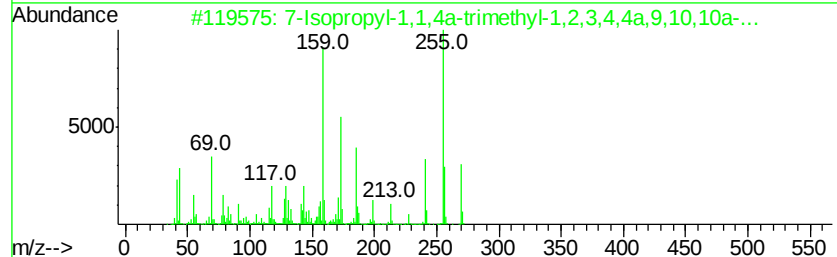
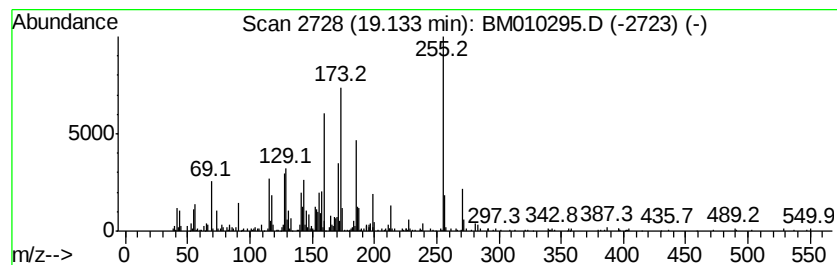
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 7-Isopropyl-1,1,4a-trimethy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	2.56 ng/ul	736218	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	58
2		Isobutyramide, N-(4-phenoxyphenyl)-	255	C16H17NO2	1000339-96-7	27
3		S-Indacene-1,7-dione, 2,3,5,6-te...	270	C18H22O2	055591-16-7	25
4		1,4-Bis[(trimethylsilyl)ethynyl]...	270	C16H22Si2	073392-23-1	25
5		1H-Indene, 2,3-dihydro-1,1,5,6-t...	174	C13H18	000942-43-8	25



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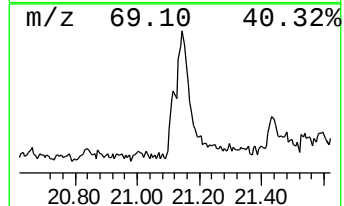
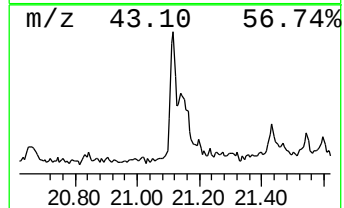
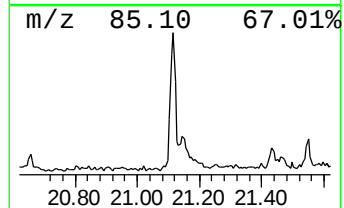
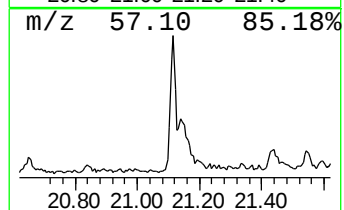
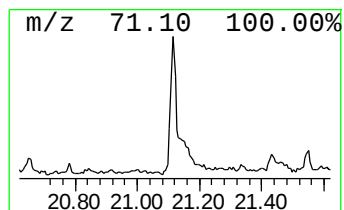
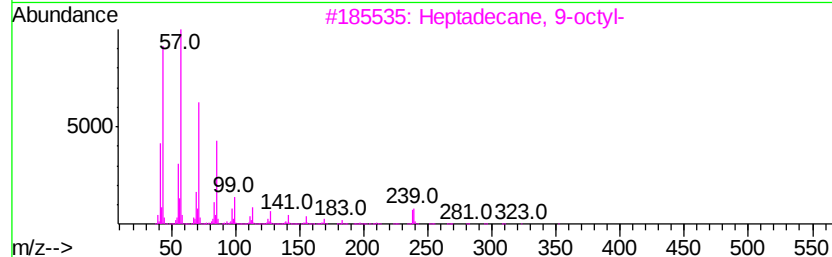
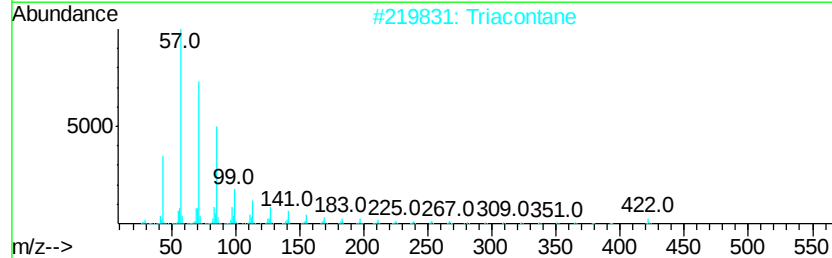
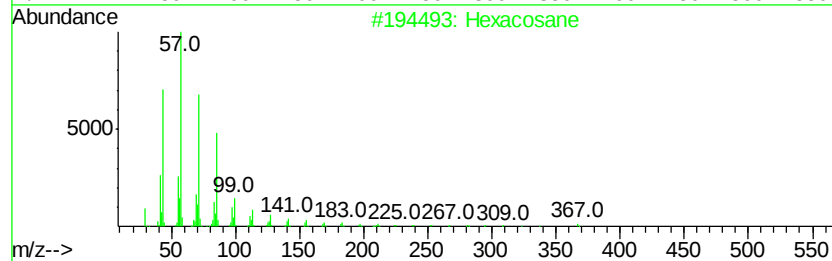
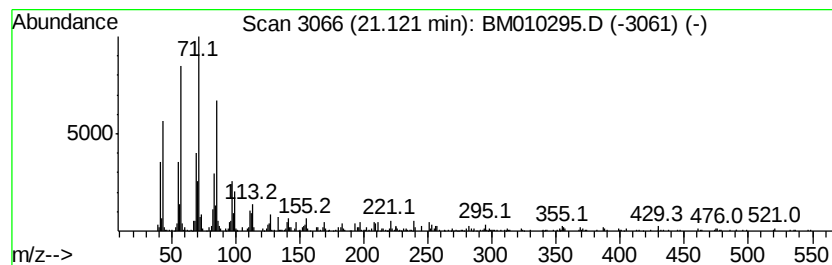
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	2.25 ng/ul	910329	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Triacotane	422	C30H62	000638-68-6	87
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4		Eicosane	282	C20H42	000112-95-8	87
5		Octacosane	394	C28H58	000630-02-4	87



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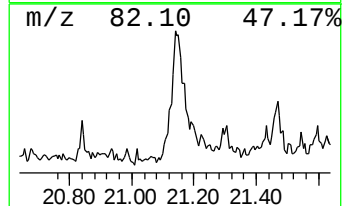
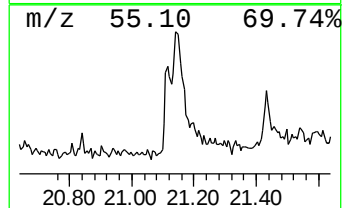
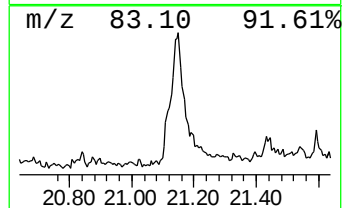
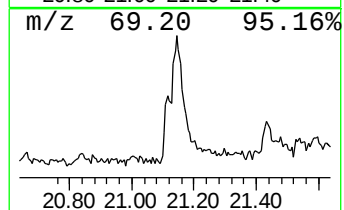
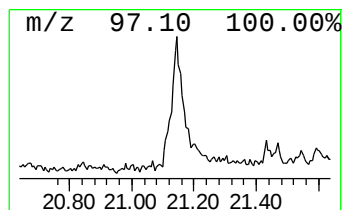
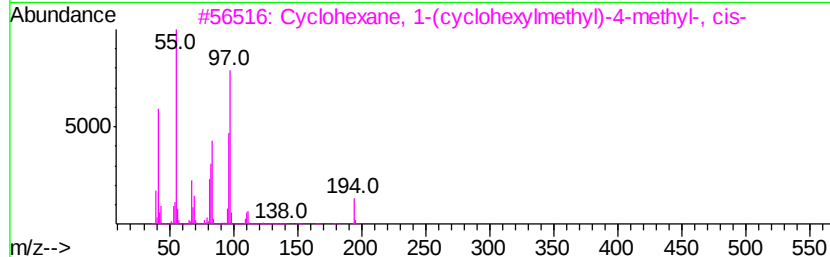
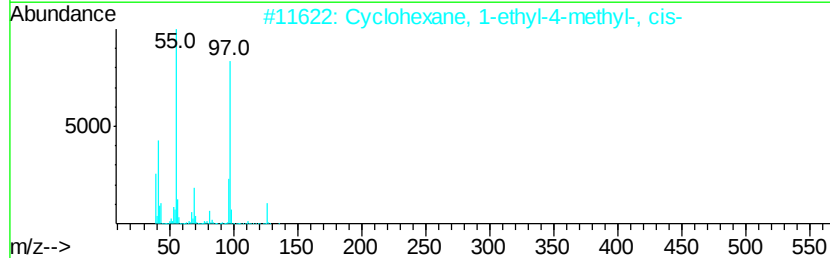
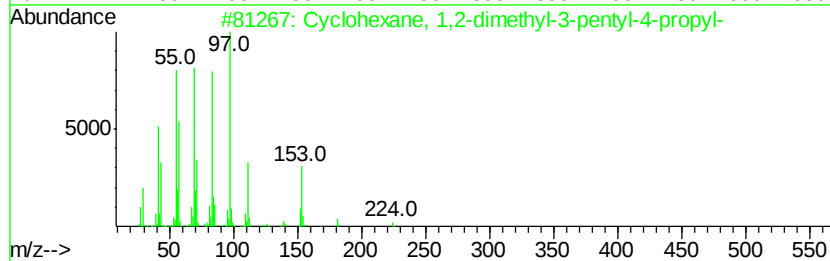
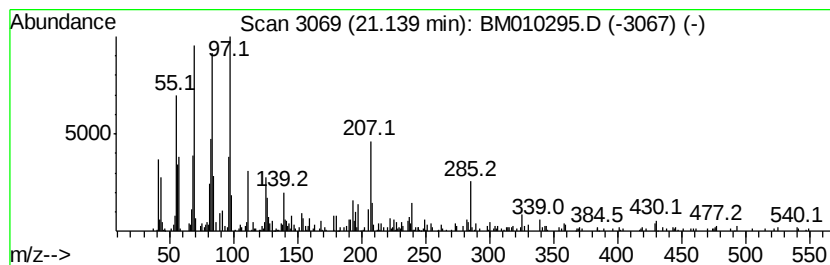
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic21.14 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	3.10 ng/ul	1253300	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	72
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	38
3		Cyclohexane, 1-(cyclohexylmethyl)...	194	C14H26	054823-97-1	35
4		Oxalic acid, cyclohexylmethyl un...	340	C20H36O4	1000309-68-8	35
5		Benzeneacetic acid, .alpha.-meth...	330	C17H21F3O3	1000196-41-1	35



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010295.D
Acq On : 28 May 2017 02:56
Operator : SJ/MA
Sample : I3162-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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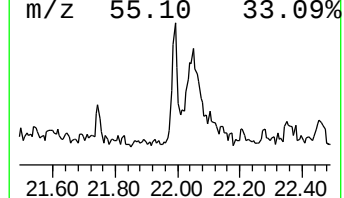
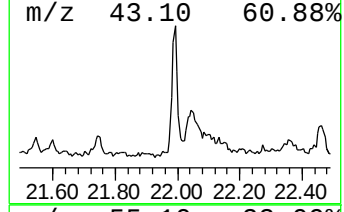
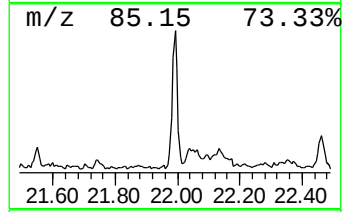
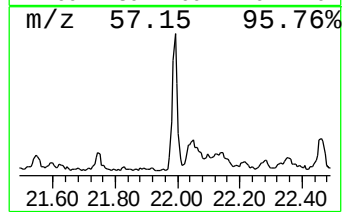
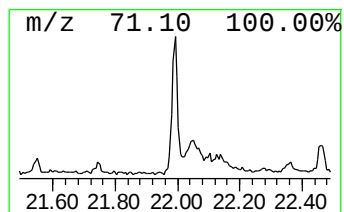
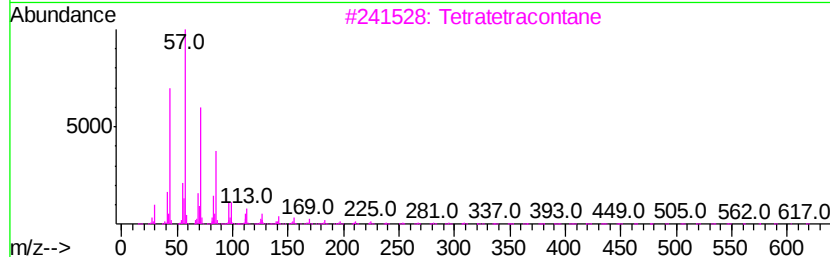
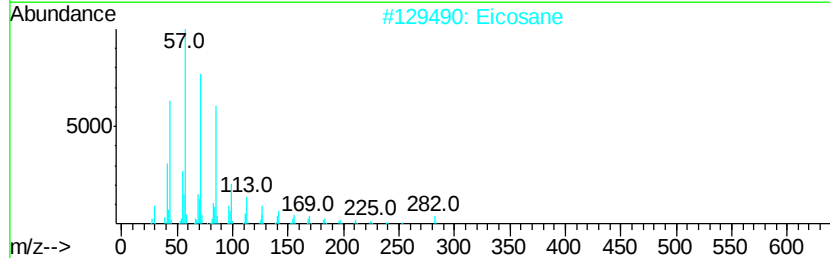
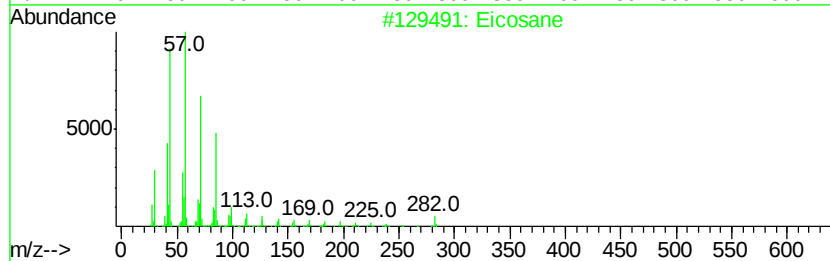
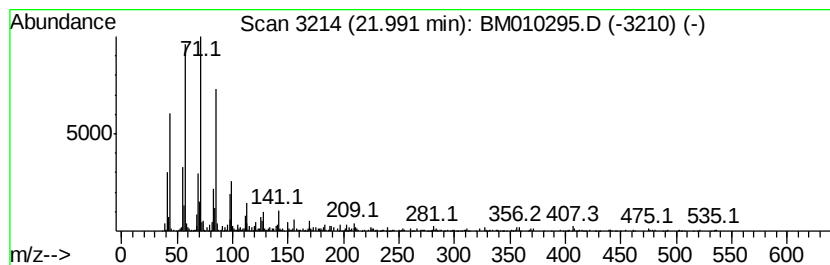
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	4.17 ng/ul	1685100	Chrysene-d12	21.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	91
2	Eicosane			282	C20H42	000112-95-8	90
3	Tetratetracontane			619	C44H90	007098-22-8	87
4	Hexatriacontane			507	C36H74	000630-06-8	87
5	Hexacosane			366	C26H54	000630-01-3	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010295.D
Acq On : 28 May 2017 02:56
Operator : SJ/MA
Sample : I3162-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

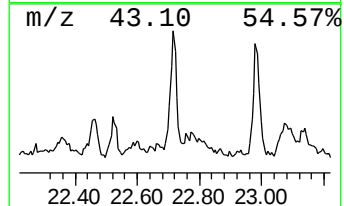
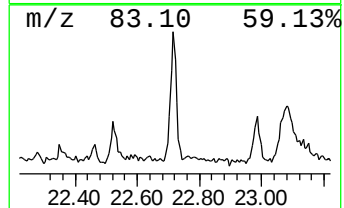
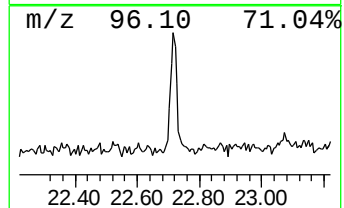
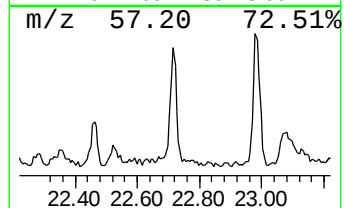
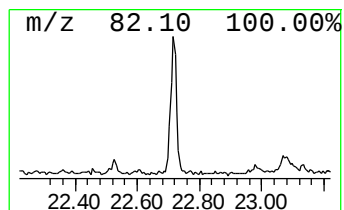
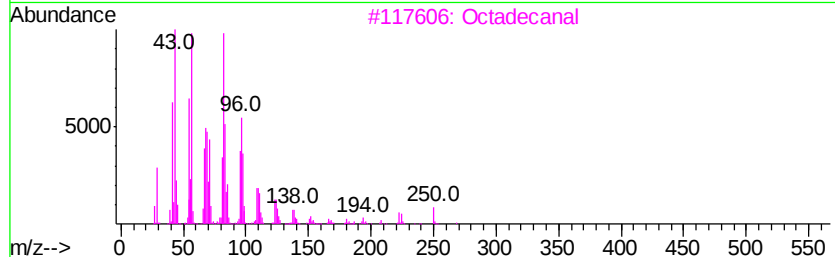
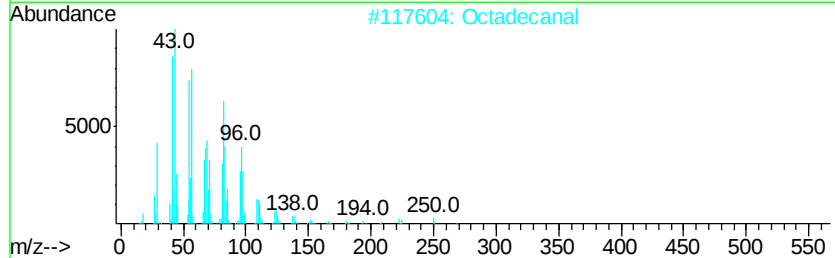
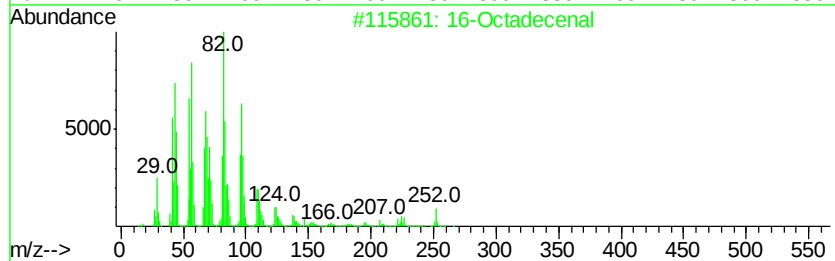
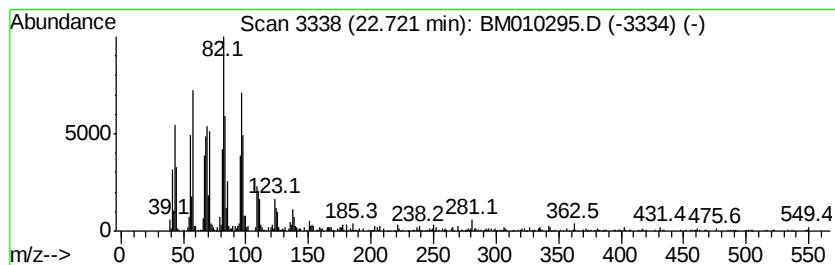
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 16-Octadecenal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.72	4.08 ng/ul	1692390	Perylene-d12	23.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	16-Octadecenal		266 C18H34O	056554-87-1 91
2	Octadecanal		268 C18H36O	000638-66-4 91
3	Octadecanal		268 C18H36O	000638-66-4 91
4	Tetradecanal		212 C14H28O	000124-25-4 91
5	1,16-Hexadecanediol		258 C16H34O2	007735-42-4 90



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010295.D
Acq On : 28 May 2017 02:56
Operator : SJ/MA
Sample : I3162-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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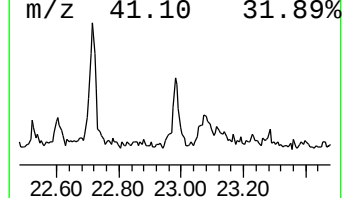
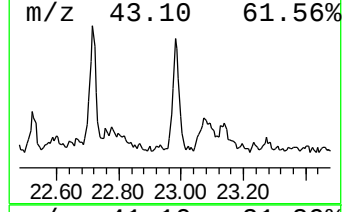
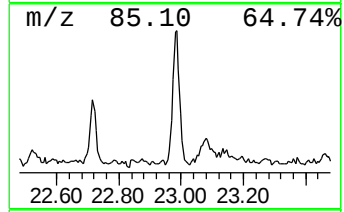
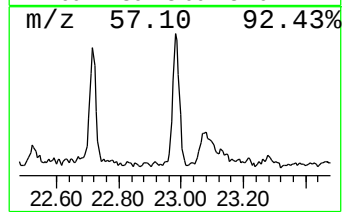
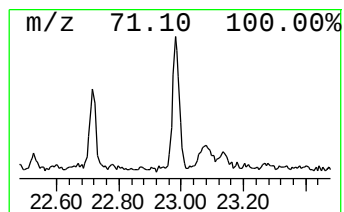
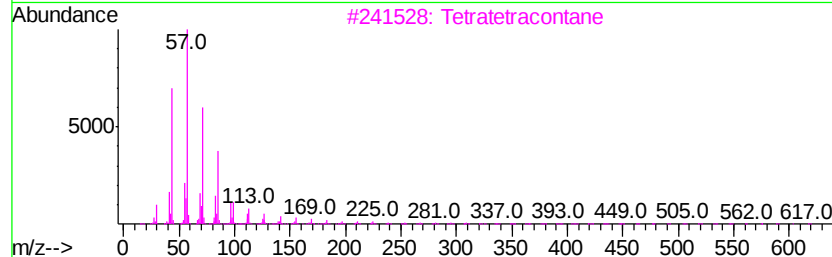
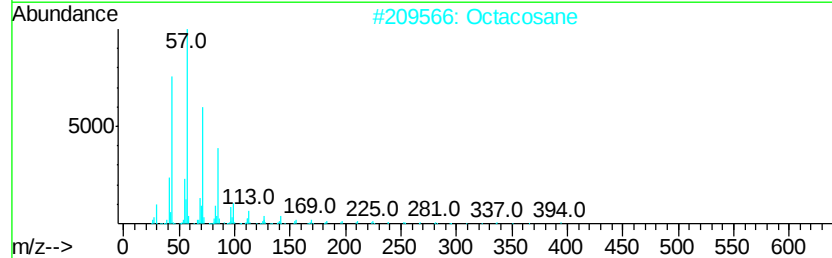
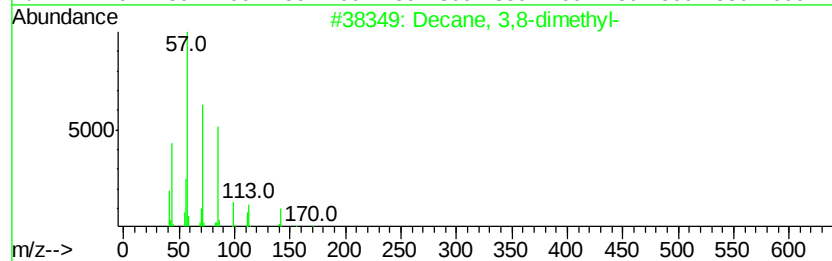
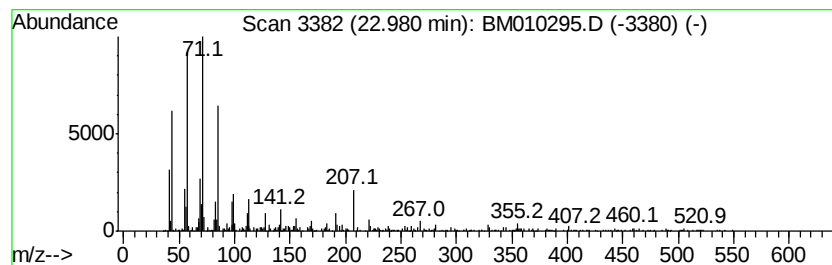
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.98	2.26 ng/ul	935974	Perylene-d12	23.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81
2		Octacosane	394	C28H58	000630-02-4	74
3		Tetratetracontane	619	C44H90	007098-22-8	74
4		Hentriacontane	437	C31H64	000630-04-6	74
5		Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010295.D
Acq On : 28 May 2017 02:56
Operator : SJ/MA
Sample : I3162-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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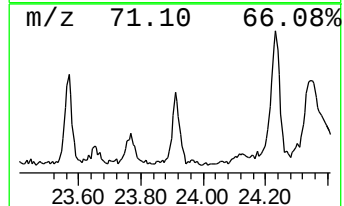
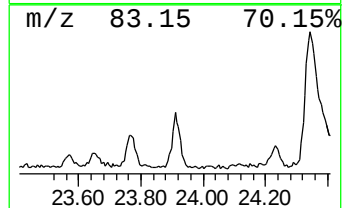
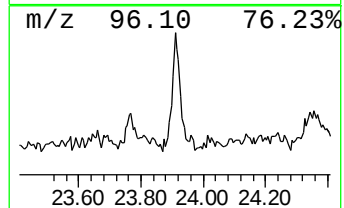
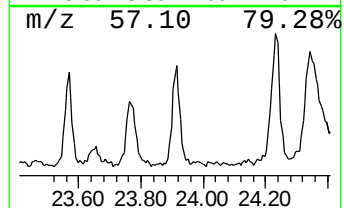
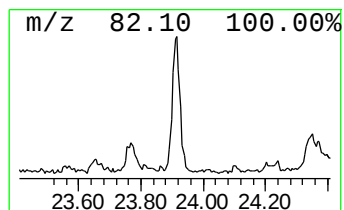
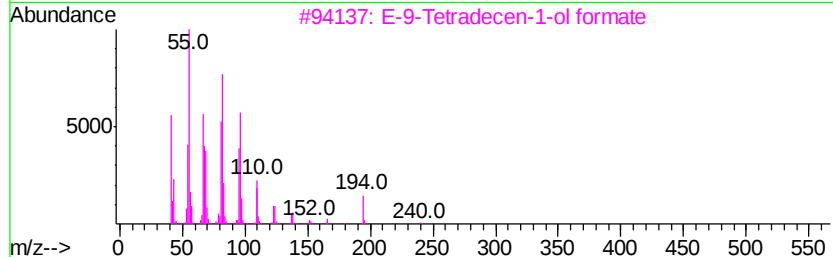
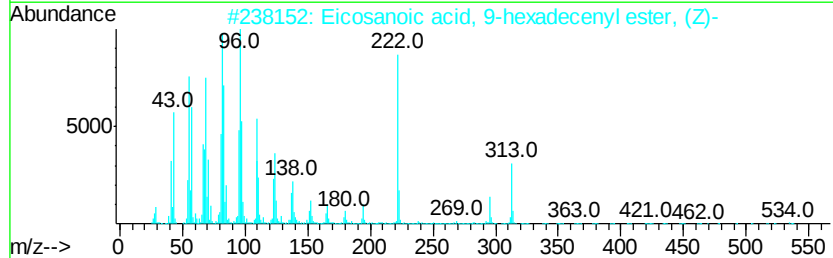
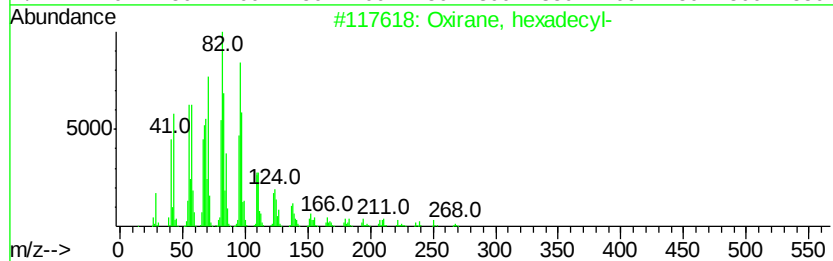
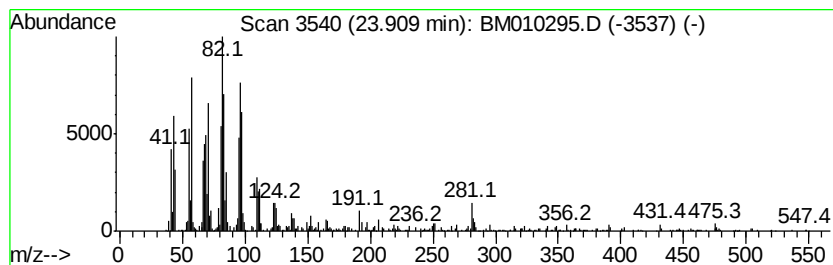
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Oxirane, hexadecyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	4.25 ng/ul	1762950	Perylene-d12	23.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
2		Eicosanoic acid, 9-hexadecenyl e...	535	C36H70O2	022393-92-6	90
3		E-9-Tetradecen-1-ol formate	240	C15H28O2	1000130-78-2	86
4		Octadecanal	268	C18H36O	000638-66-4	81
5		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052717\
Data File : BM010295.D
Acq On : 28 May 2017 02:56
Operator : SJ/MA
Sample : I3162-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.16	4.6	ng/ul	1327090	4	17.31	5745300	20.0
unknown-01	18.46	3.4	ng/ul	966699	4	17.31	5745300	20.0
7-Isopropyl-1,1,4...	19.13	2.6	ng/ul	736218	4	17.31	5745300	20.0
(DEL) Alkane: Str...	21.12	2.3	ng/ul	910329	5	21.47	8077660	20.0
(DEL) Alkane: Cyc...	21.14	3.1	ng/ul	1253300	5	21.47	8077660	20.0
(DEL) Alkane: Str...	21.99	4.2	ng/ul	1685100	5	21.47	8077660	20.0
16-Octadecenal	22.72	4.1	ng/ul	1692390	6	23.82	8301060	20.0
(DEL) Alkane: Str...	22.98	2.3	ng/ul	935974	6	23.82	8301060	20.0
Oxirane, hexadecyl-	23.91	4.3	ng/ul	1762950	6	23.82	8301060	20.0