

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
 Data File : BM010290.D
 Acq On : 27 May 2017 23:56
 Operator : SJ/MA
 Sample : I3162-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSE8

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	6.575	587	593	604	rVB2	115558	186543	1.59%	0.146%
2	7.116	677	685	695	rBV	1423613	2417657	20.57%	1.898%
3	7.269	704	711	718	rBV	1034380	1638208	13.94%	1.286%
4	7.334	718	722	730	rVB2	88438	163481	1.39%	0.128%
5	7.469	738	745	753	rBV	1677795	2627731	22.36%	2.063%
6	7.928	815	823	832	rBV	1894075	3062458	26.06%	2.404%
7	8.651	938	946	956	rBV	1777651	2921931	24.87%	2.294%
8	9.116	1016	1025	1033	rBV	1394711	2325727	19.79%	1.826%
9	9.828	1139	1146	1153	rBV	1273868	2099356	17.87%	1.648%
10	10.357	1229	1236	1249	rBV	1963355	3386692	28.82%	2.659%
11	10.733	1293	1300	1307	rBV	2241361	3771956	32.10%	2.961%
12	10.898	1320	1328	1339	rBV	540877	1159183	9.86%	0.910%
13	13.974	1845	1851	1856	rBV	3562740	4867202	41.42%	3.821%
14	14.021	1856	1859	1868	rVB	1311584	1759425	14.97%	1.381%
15	14.263	1893	1900	1907	rBV	3636572	5379635	45.78%	4.223%
16	14.392	1918	1922	1929	rVB3	110909	145397	1.24%	0.114%
17	14.563	1943	1951	1961	rBV2	3295337	5013926	42.67%	3.936%
18	14.804	1982	1992	2005	rBV	1179397	2207996	18.79%	1.733%
19	15.345	2081	2084	2087	rVB2	120644	134925	1.15%	0.106%
20	15.551	2112	2119	2128	rBV	4639289	6777498	57.68%	5.320%
21	15.674	2134	2140	2146	rBV	1511127	2050438	17.45%	1.610%
22	16.204	2226	2230	2237	rBV	154429	270294	2.30%	0.212%
23	17.162	2389	2393	2397	rBV6	103417	155522	1.32%	0.122%
24	17.309	2411	2418	2428	rVB	4274998	6174291	52.54%	4.847%
25	17.404	2428	2434	2442	rBV	4917579	7360263	62.64%	5.778%
26	18.045	2536	2543	2549	rBV6	176897	350744	2.98%	0.275%
27	18.103	2550	2553	2557	rVB5	102188	119478	1.02%	0.094%
28	18.156	2557	2562	2575	rBV	1296873	2044245	17.40%	1.605%
29	18.462	2608	2614	2622	rVB3	602944	929206	7.91%	0.729%
30	18.803	2668	2672	2682	rVB3	99655	274328	2.33%	0.215%
31	19.050	2711	2714	2717	rBV5	143601	178924	1.52%	0.140%
32	19.092	2717	2721	2724	rVV4	291918	396834	3.38%	0.312%
33	19.127	2724	2727	2734	rVB3	379332	512215	4.36%	0.402%
34	19.315	2755	2759	2760	rBV4	175343	221267	1.88%	0.174%

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35	19.427	2773	2778	2781	rBV2	614438	861404	7.33%	0.676%
36	19.692	2817	2823	2831	rBV	7233012	9607370	81.76%	7.542%
37	20.162	2899	2903	2908	rBV2	226806	313846	2.67%	0.246%
38	20.503	2958	2961	2965	rBV5	185665	372626	3.17%	0.293%
39	21.115	3062	3065	3067	rBV	708978	797552	6.79%	0.626%
40	21.144	3067	3070	3080	rVB4	655848	1432703	12.19%	1.125%
41	21.468	3121	3125	3131	rVB	6898603	8722481	74.23%	6.847%
42	21.991	3210	3214	3217	rBV	1433905	1918769	16.33%	1.506%
43	22.715	3333	3337	3343	rVB2	1486553	2099443	17.87%	1.648%
44	22.986	3380	3383	3389	rVB	603116	847028	7.21%	0.665%
45	23.668	3492	3499	3508	rVB	6062786	11750694	100.00%	9.224%
46	23.821	3519	3525	3533	rVB	4703305	8870515	75.49%	6.963%
47	23.915	3537	3541	3547	rVB	1186187	1947772	16.58%	1.529%
48	27.391	4128	4132	4141	rVB3	1929525	4762231	40.53%	3.738%

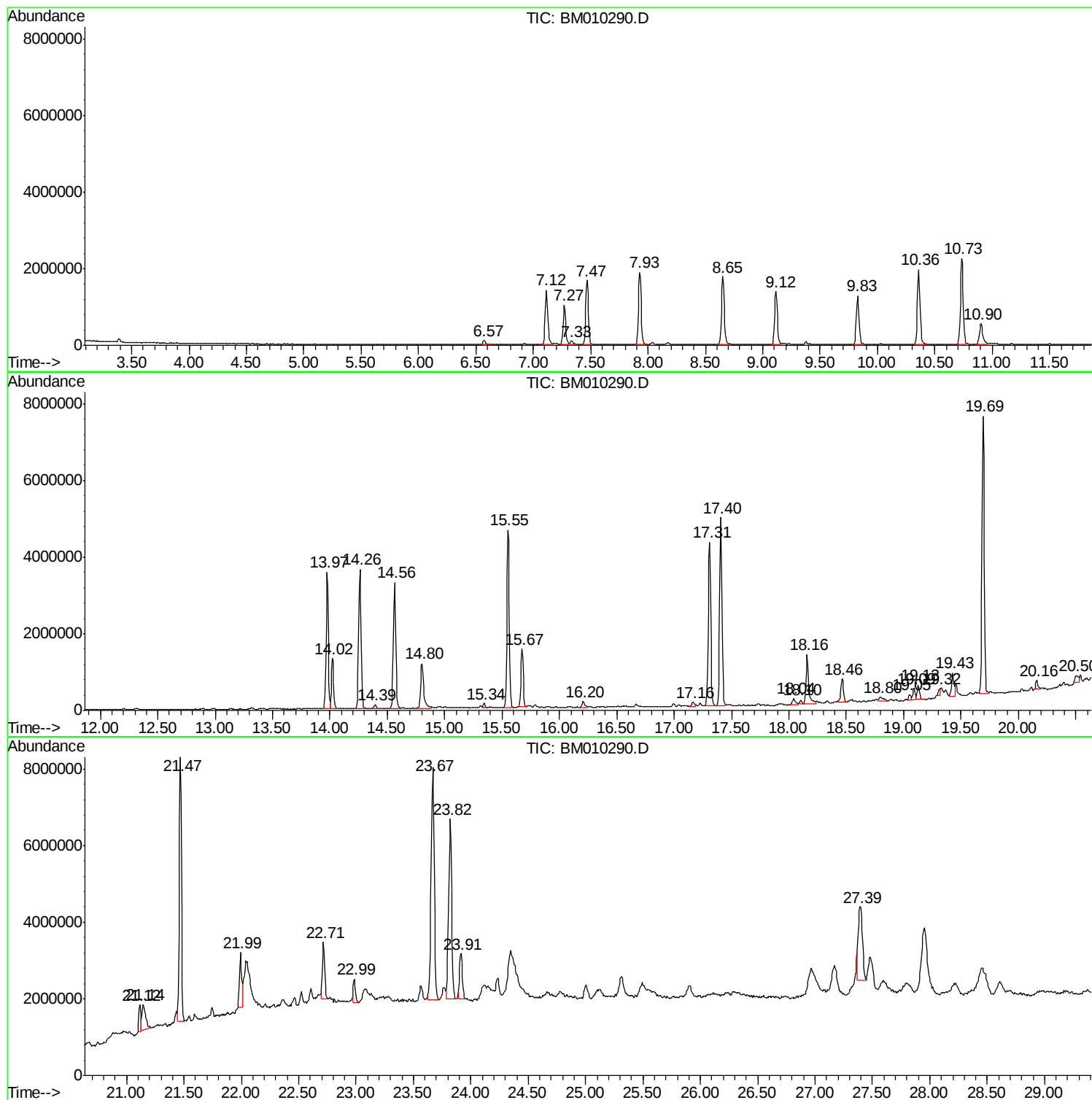
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



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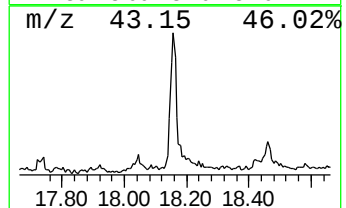
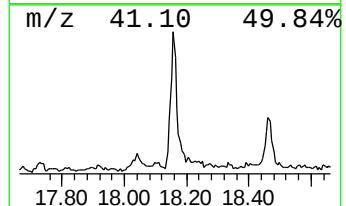
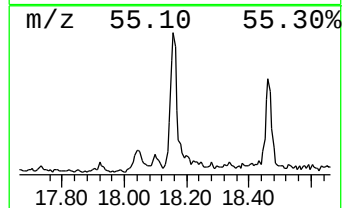
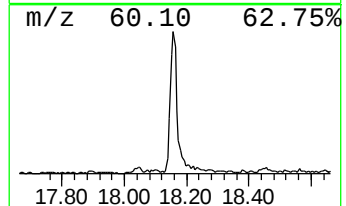
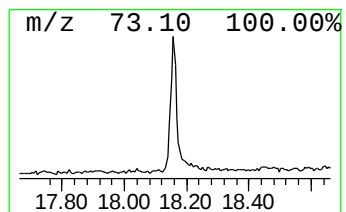
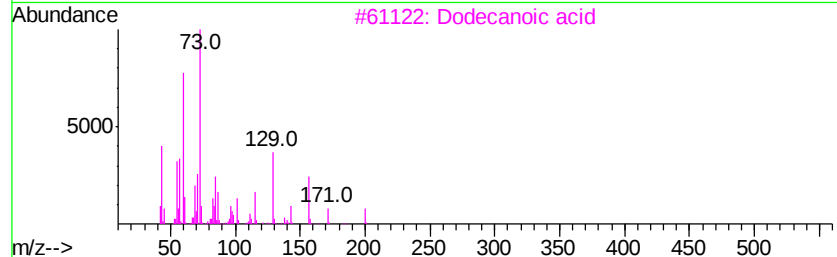
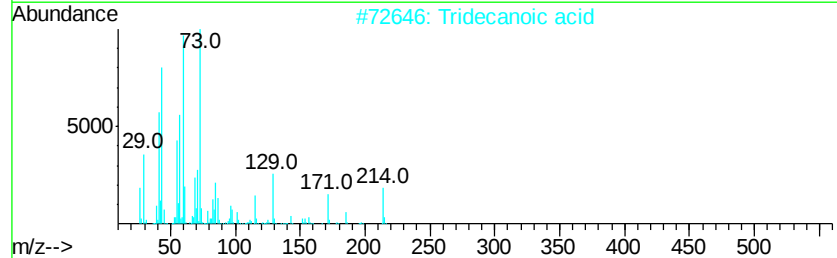
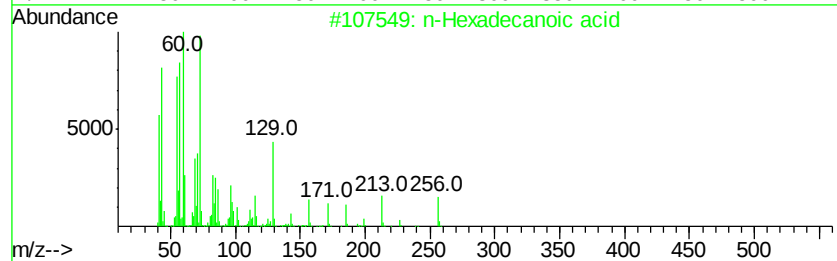
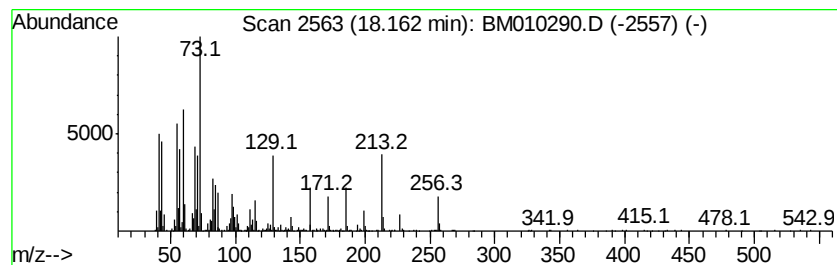
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.16	6.62 ng/ul	2044250	Phenanthrene-d10		17.31	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Tridecanoic acid	214	C13H26O2	000638-53-9	60
3		Dodecanoic acid	200	C12H24O2	000143-07-7	59
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	53



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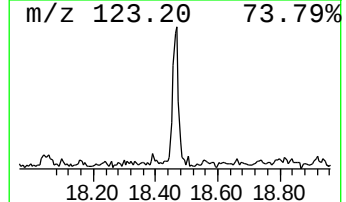
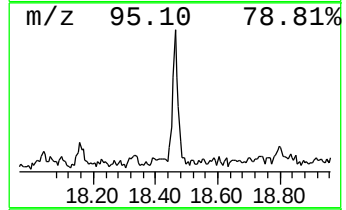
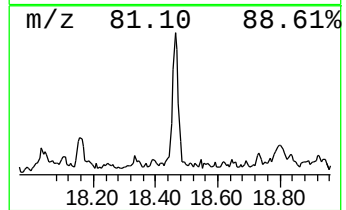
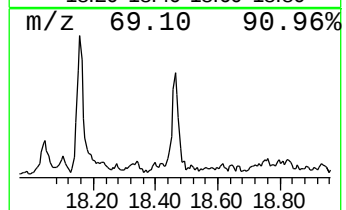
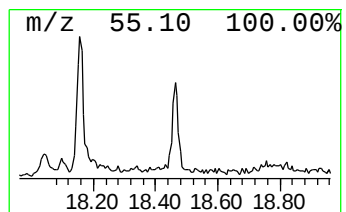
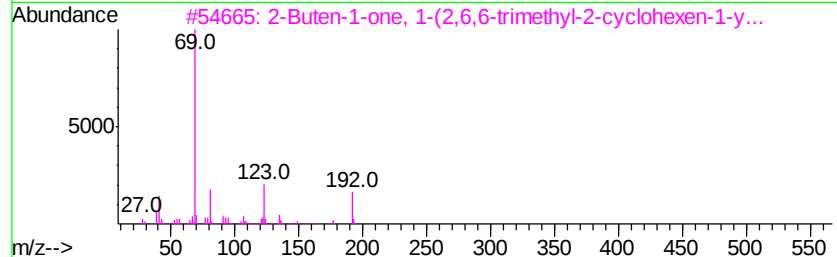
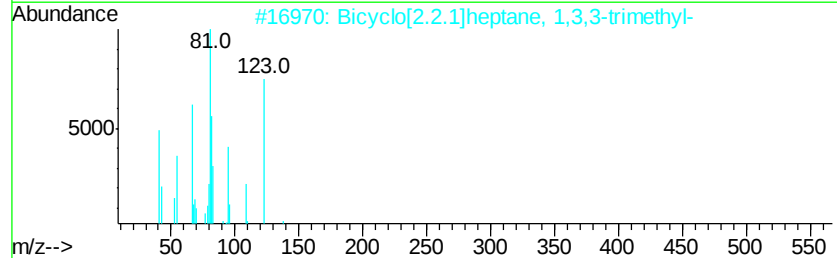
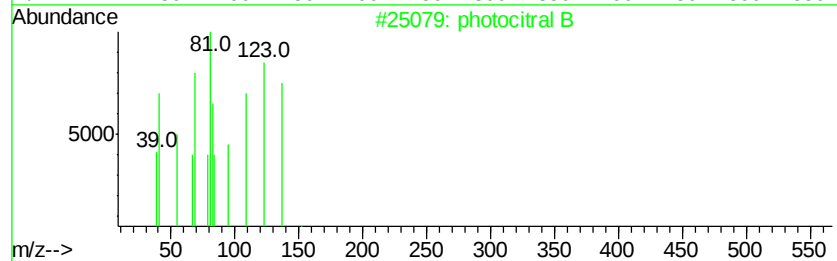
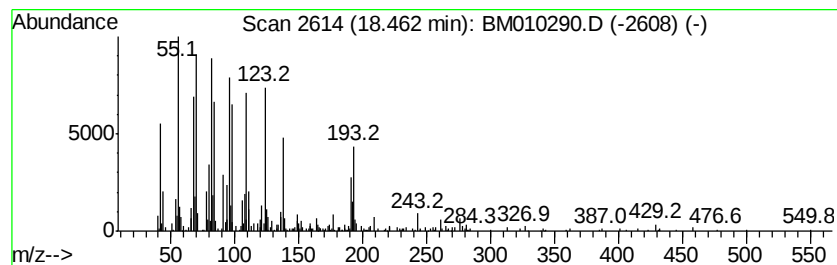
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Peak Number 2 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	3.01 ng/ul	929206	Phenanthrene-d10	17.31
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	photocitral B		152 C10H16O	006040-45-5 43
2	Bicyclo[2.2.1]heptane, 1,3,3-tri...		138 C10H18	006248-88-0 27
3	2-Buten-1-one, 1-(2,6,6-trimethv...		192 C13H20O	024720-09-0 25
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...		138 C10H18	000473-55-2 25
5	3,7,11,Trimethyl-8,10- dodecedie...		266 C17H30O2	1000374-10-3 25



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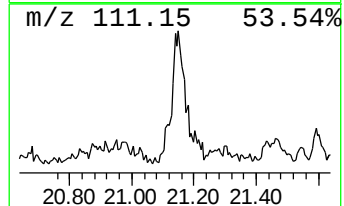
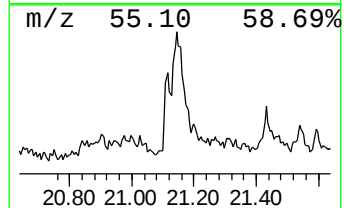
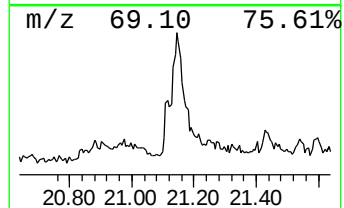
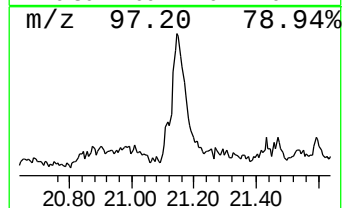
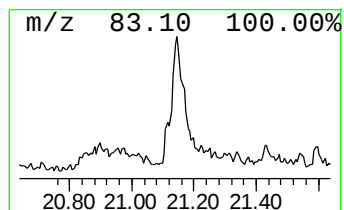
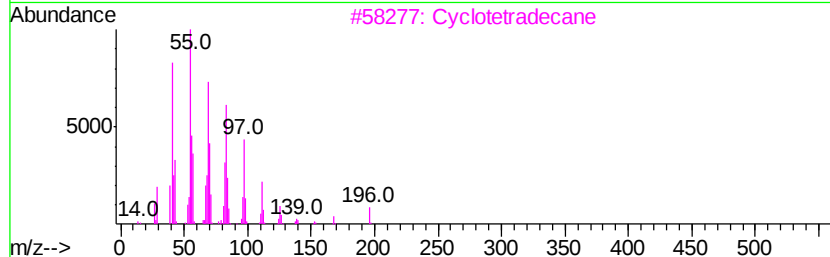
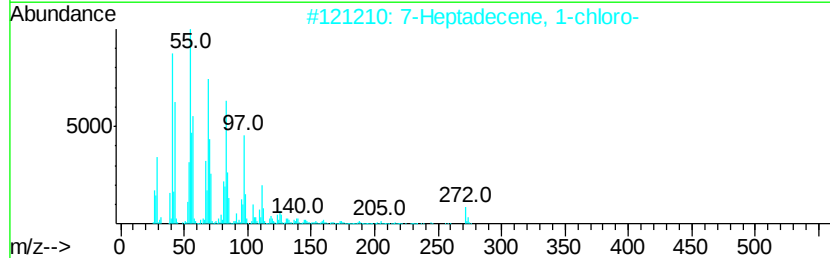
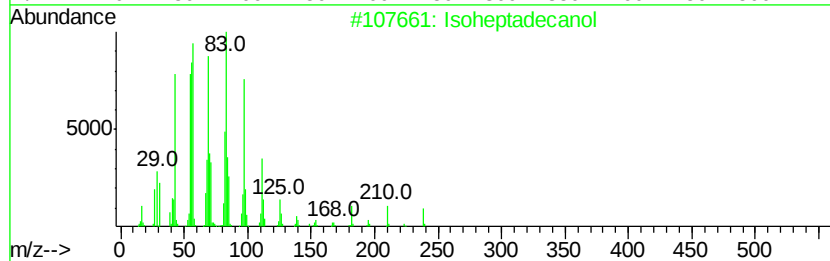
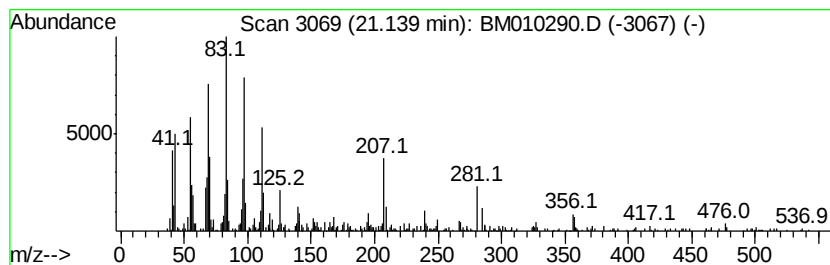
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Isoheptadecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	3.29 ng/ul	1432700	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isoheptadecanol	256	C17H36O	057289-07-3	72
2		7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	70
3		Cyclotetradecane	196	C14H28	000295-17-0	58
4		Muco-inositol tri-methaneboronate	252	C9H15B3O6	1000064-40-0	53
5		Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	45



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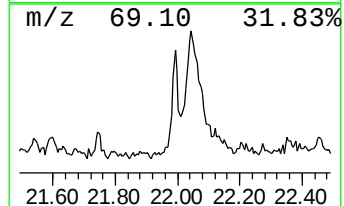
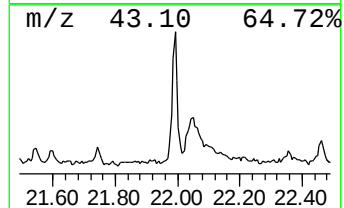
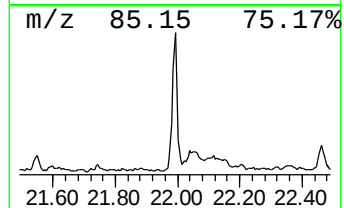
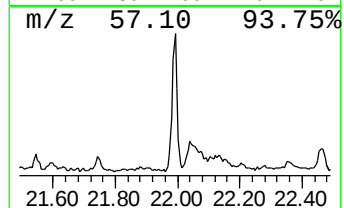
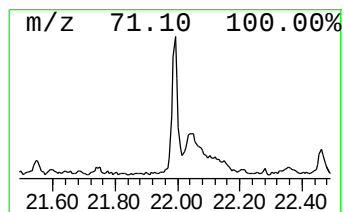
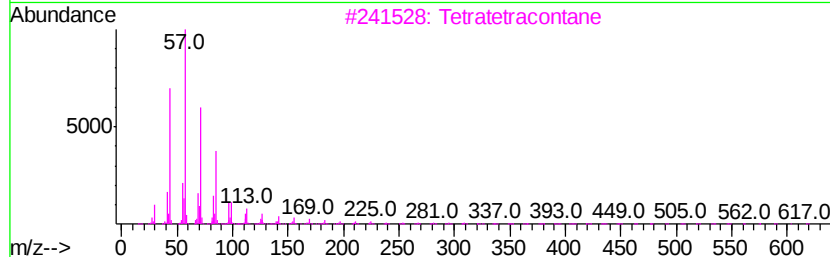
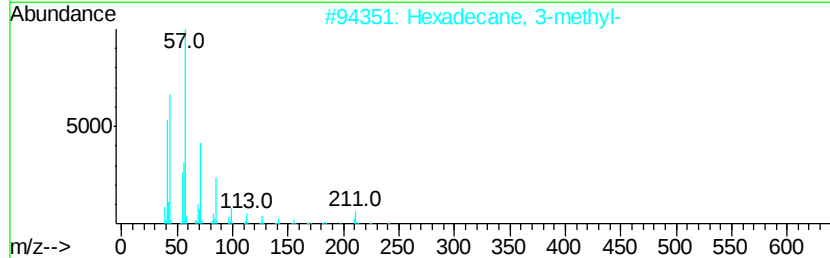
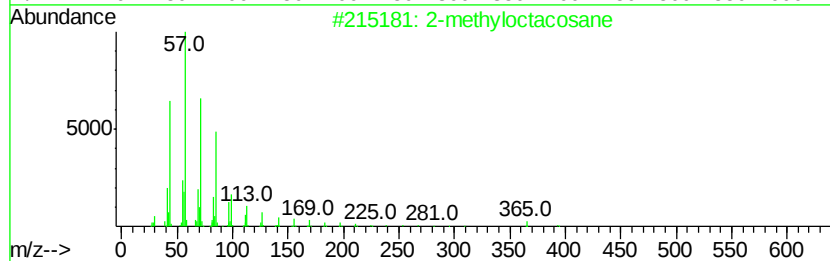
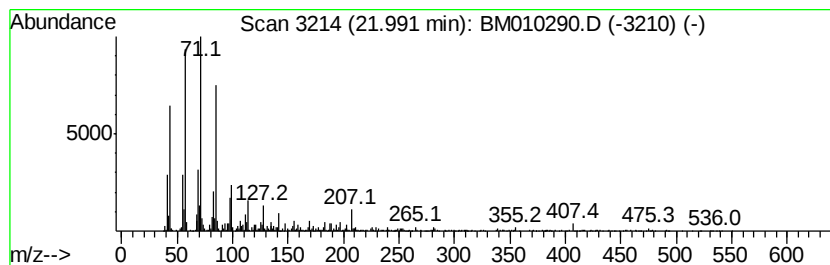
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	4.40 ng/ul	1918770	Chrysene-d12	21.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	87
2			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87
3			Tetratetracontane	619	C44H90	007098-22-8	87
4			Octacosane	394	C28H58	000630-02-4	83
5			Hexacosane	366	C26H54	000630-01-3	83



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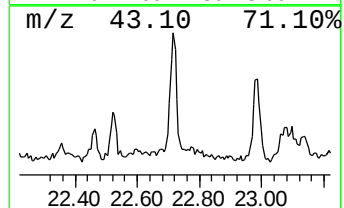
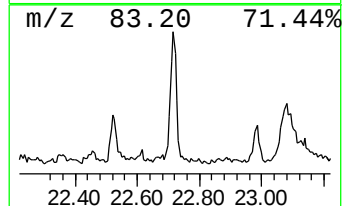
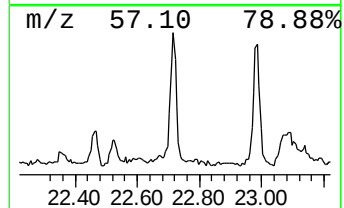
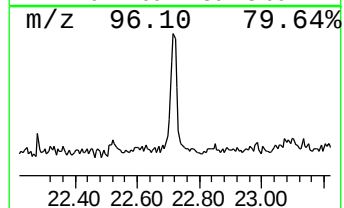
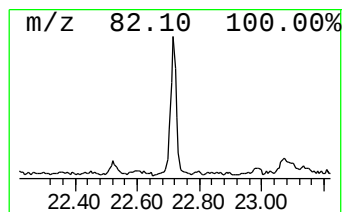
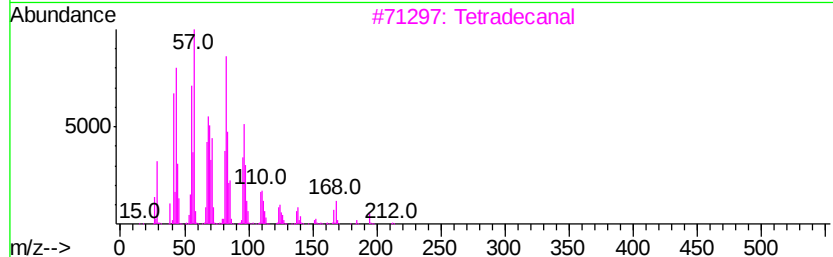
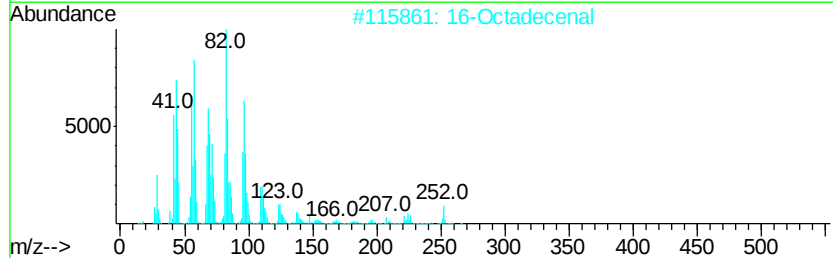
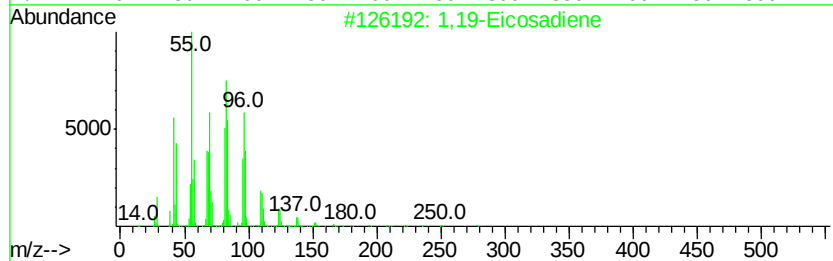
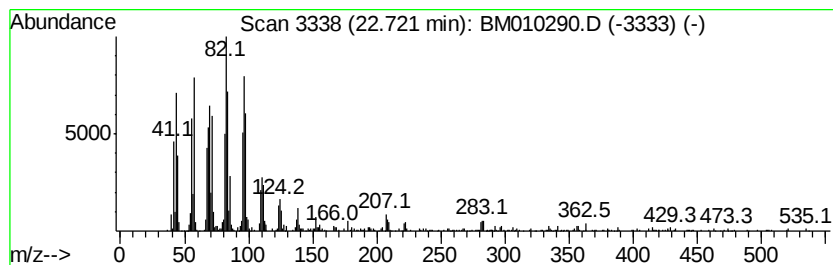
Instrument :
BNA_M
ClientSampleId :
JHSE8

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 5 1,19-Eicosadiene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.72	4.73 ng/ul	2099440	Perylene-d12	23.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2	16-Octadecenal	266	C18H34O	056554-87-1	94
3	Tetradecanal	212	C14H28O	000124-25-4	93
4	17-Octadecenal	266	C18H34O	056554-86-0	91
5	Tetracosanal	352	C24H48O	057866-08-7	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010290.D
Acq On : 27 May 2017 23:56
Operator : SJ/MA
Sample : I3162-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSE8

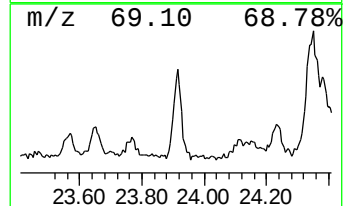
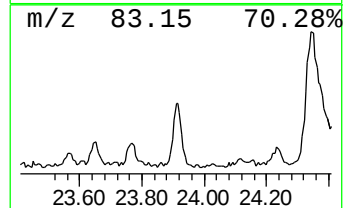
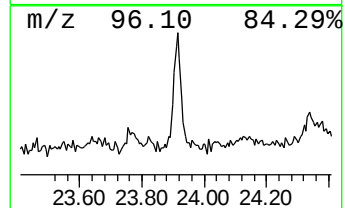
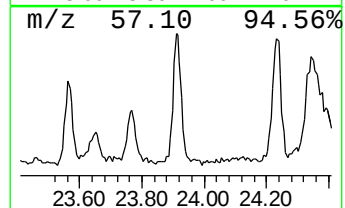
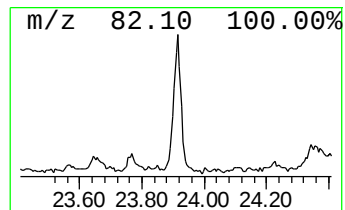
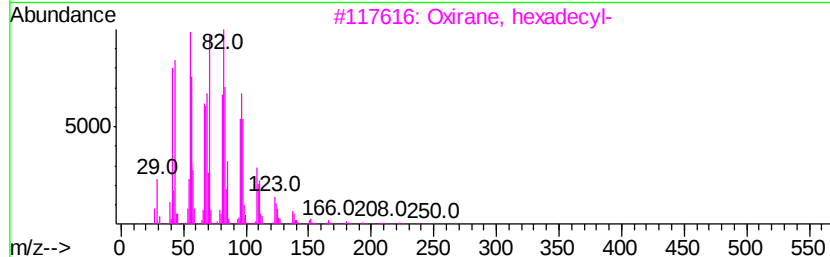
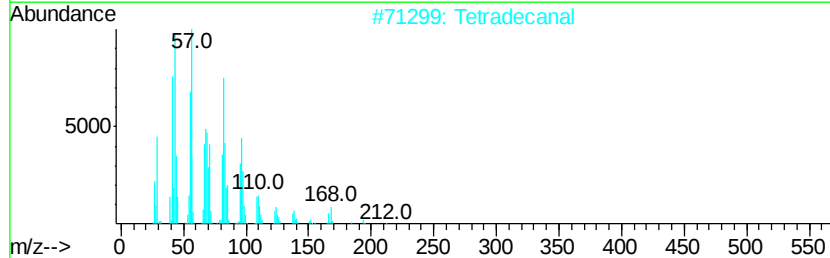
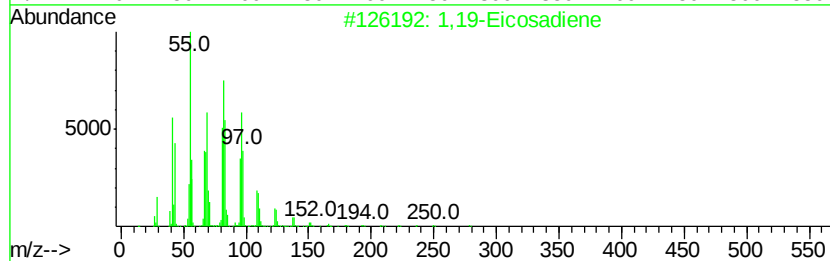
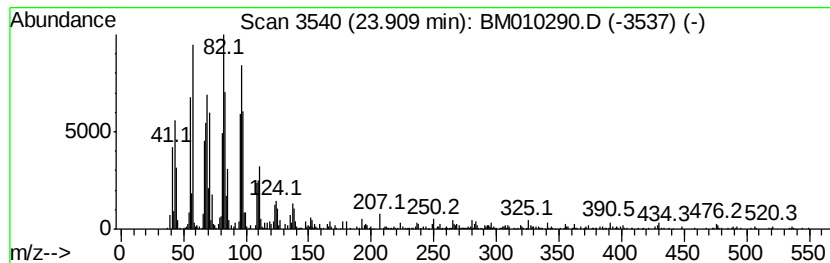
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Tetradecanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	4.39 ng/ul	1947770	Perylene-d12	23.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,19-Eicosadiene	278	C20H38	014811-95-1	93
2		Tetradecanal	212	C14H28O	000124-25-4	91
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
4		Tetradecanal	212	C14H28O	000124-25-4	87
5		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010290.D
Acq On : 27 May 2017 23:56
Operator : SJ/MA
Sample : I3162-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSE8

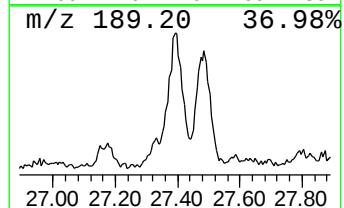
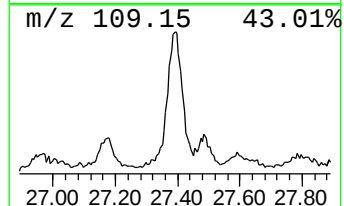
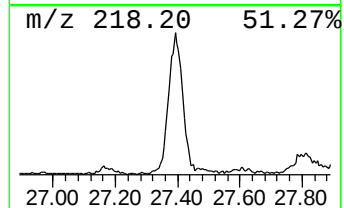
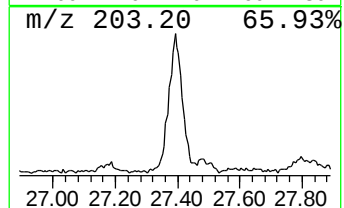
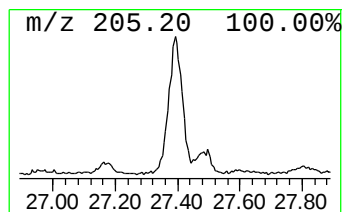
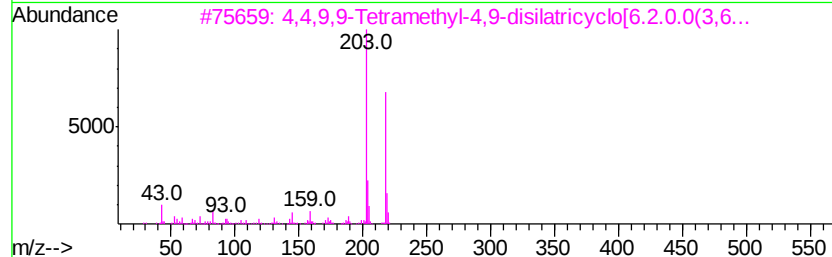
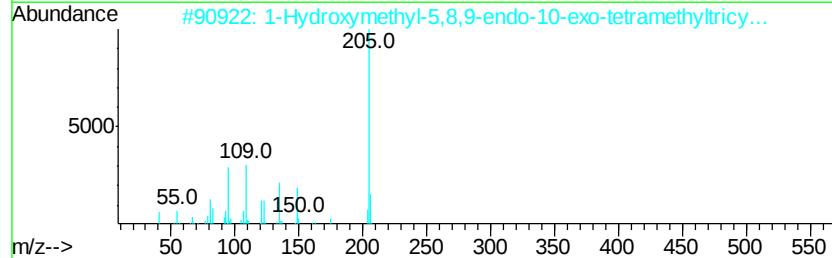
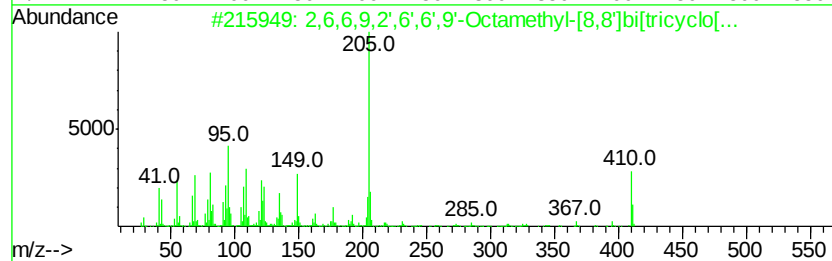
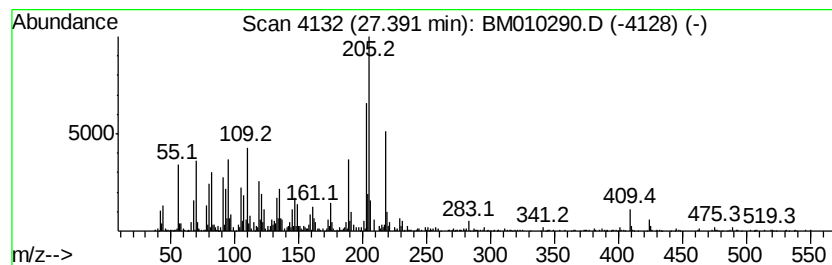
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.39	10.74 ng/ul	4762230	Perylene-d12	23.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6,6,9,2',6',6',9'-Octamethyl-[...]	410	C30H50	1000189-48-2	38
2		1-Hydroxymethyl-5,8,9-endo-10-ex...	236	C16H28O	1000140-32-9	35
3		4,4,9,9-Tetramethyl-4,9-disilatr...	218	C12H18Si2	1000280-67-7	25
4		Benzenamine, 3,5-bis(1,1-dimethy...	205	C14H23N	002380-36-1	22
5		2-Amino-4-hydroxy-6,7,8-trimethy...	205	C9H11N5O	013045-86-8	22



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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSE8

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	6.6	ng/ul	2044250	4	17.31	6174290	20.0
unknown-01	18.46	3.0	ng/ul	929206	4	17.31	6174290	20.0
Isoheptadecanol	21.14	3.3	ng/ul	1432700	5	21.47	8722480	20.0
(DEL) Alkane: Str...	21.99	4.4	ng/ul	1918770	5	21.47	8722480	20.0
1,19-Eicosadiene	22.72	4.7	ng/ul	2099440	6	23.82	8870520	20.0
Tetradecanal	23.91	4.4	ng/ul	1947770	6	23.82	8870520	20.0
unknown-02	27.39	10.7	ng/ul	4762230	6	23.82	8870520	20.0