

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
 Data File : BM004604.D
 Acq On : 15 Mar 2016 18:57
 Operator : UM/SJ
 Sample : H1710-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MS-DS-D140

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\SOM02.2-EPA-BM031516.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	3.340	107	111	119	rVB	17283	22634	1.13%	0.114%
2	7.004	727	734	743	rVB	258867	420392	20.95%	2.112%
3	7.175	758	763	773	rVB	221736	343252	17.11%	1.724%
4	7.375	791	797	804	rBV	279119	432923	21.58%	2.175%
5	7.845	871	877	884	rBV	216445	342968	17.09%	1.723%
6	8.540	988	995	1005	rBV	351501	548149	27.32%	2.753%
7	8.998	1066	1073	1082	rVV	238498	387952	19.33%	1.949%
8	9.104	1085	1091	1098	rBV2	16990	28403	1.42%	0.143%
9	9.716	1188	1195	1203	rBV	187704	313112	15.61%	1.573%
10	10.251	1279	1286	1295	rBV	328328	529048	26.37%	2.657%
11	10.634	1345	1351	1360	rVB	296018	505585	25.20%	2.540%
12	10.769	1367	1374	1383	rBV	310545	524349	26.13%	2.634%
13	13.886	1898	1904	1908	rBV	603998	830774	41.40%	4.173%
14	13.933	1908	1912	1921	rVB	264465	353141	17.60%	1.774%
15	14.169	1946	1952	1962	rBV	668042	1002023	49.94%	5.033%
16	14.310	1965	1976	1984	rVV	27244	77769	3.88%	0.391%
17	14.380	1984	1988	1992	rVB	18253	23712	1.18%	0.119%
18	14.480	1998	2005	2012	rVB2	426091	667016	33.24%	3.350%
19	14.663	2028	2036	2056	rBV	304657	486431	24.24%	2.443%
20	15.333	2145	2150	2155	rVB	25672	34069	1.70%	0.171%
21	15.469	2167	2173	2180	rVB	897184	1296938	64.64%	6.515%
22	15.580	2186	2192	2198	rBV	258030	336820	16.79%	1.692%
23	16.192	2292	2296	2299	rBV	28720	39287	1.96%	0.197%
24	16.986	2425	2431	2434	rBV	19147	25191	1.26%	0.127%
25	17.221	2465	2471	2477	rBV	578936	803695	40.05%	4.037%
26	17.321	2481	2488	2497	rBV	1031761	1469170	73.22%	7.380%
27	17.604	2530	2536	2547	rBV	136009	183005	9.12%	0.919%
28	18.115	2618	2623	2632	rBV	117411	172941	8.62%	0.869%
29	18.415	2668	2674	2682	rBV3	15385	25594	1.28%	0.129%
30	18.545	2692	2696	2703	rVB2	31081	38622	1.92%	0.194%
31	18.974	2764	2769	2779	rBV	530097	660396	32.91%	3.317%
32	19.051	2779	2782	2790	rVB4	12965	25587	1.28%	0.129%
33	19.133	2792	2796	2800	rBV	29282	36047	1.80%	0.181%
34	19.286	2818	2822	2827	rVB4	11495	22073	1.10%	0.111%

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Integration Parameters: LSCINT.P

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35	19.392	2835	2840	2849	rBV2	112952	182244	9.08%	0.915%
36	19.615	2872	2878	2884	rBV	1301137	1848068	92.10%	9.283%
37	20.374	3003	3007	3015	rVB	105364	212362	10.58%	1.067%
38	20.492	3023	3027	3031	rBV	44096	50704	2.53%	0.255%
39	21.115	3129	3133	3154	rBV	207791	420000	20.93%	2.110%
40	21.321	3165	3168	3173	rBV	35489	41670	2.08%	0.209%
41	21.403	3177	3182	3190	rBV	855729	1084130	54.03%	5.446%
42	23.556	3541	3548	3563	rBV	1008409	2006480	100.00%	10.079%
43	23.703	3566	3573	3582	rVB2	525937	1053729	52.52%	5.293%

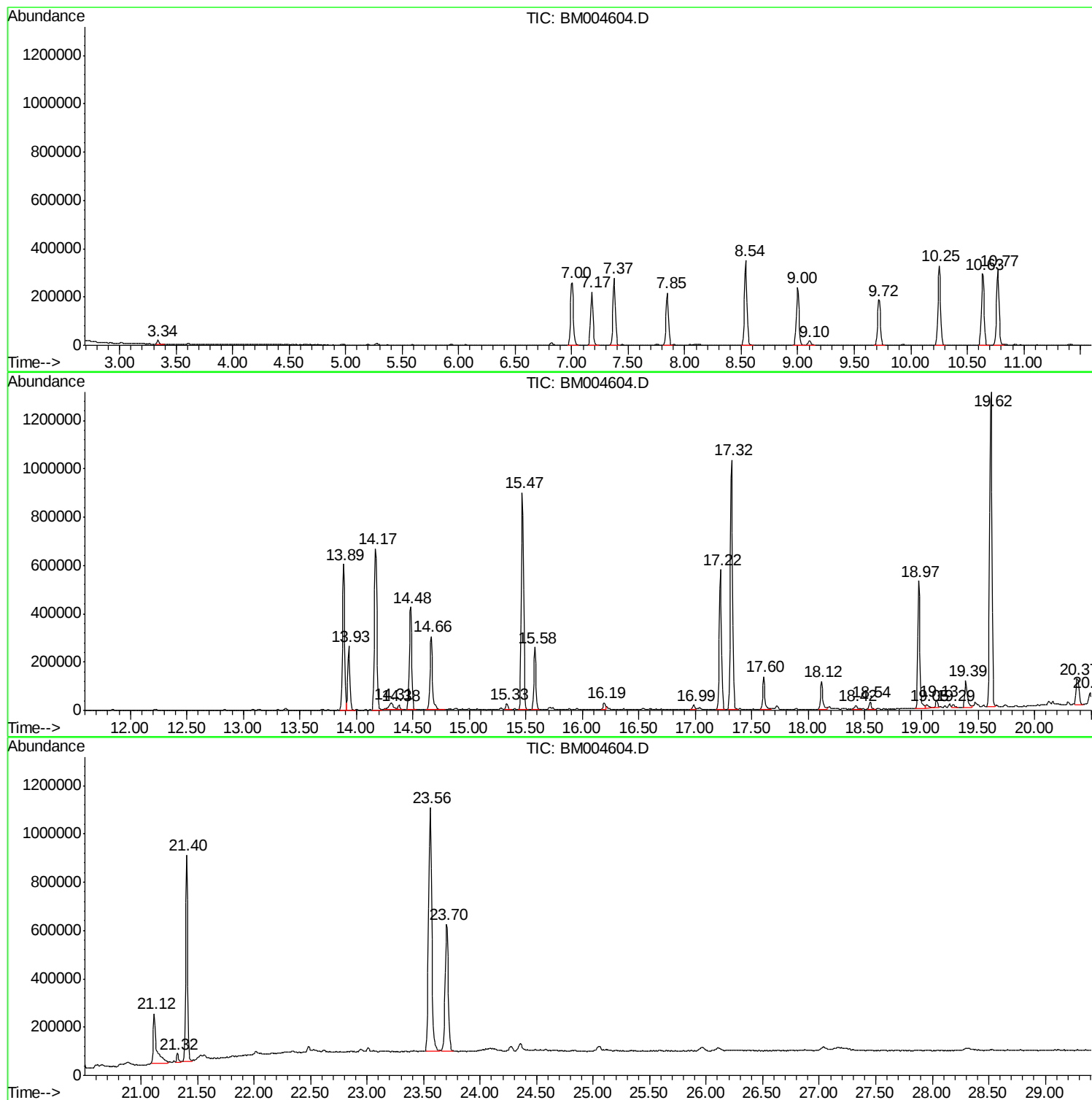
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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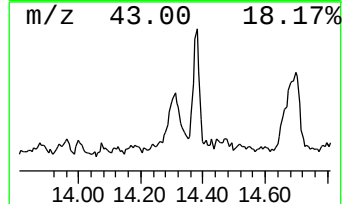
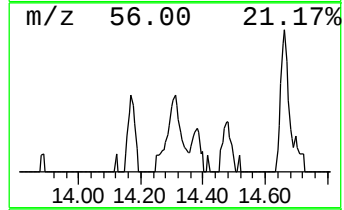
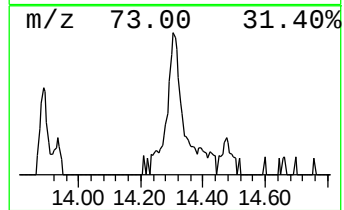
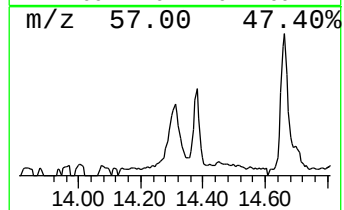
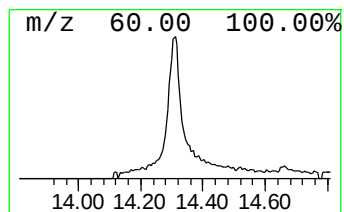
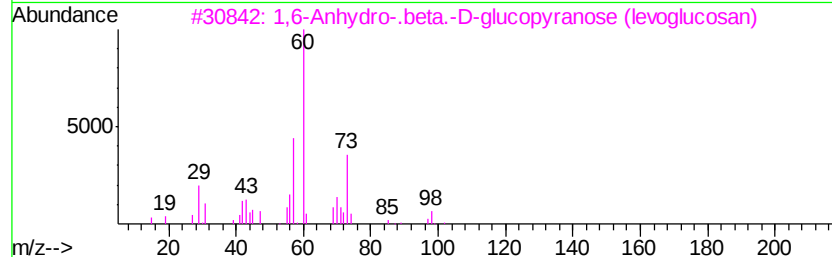
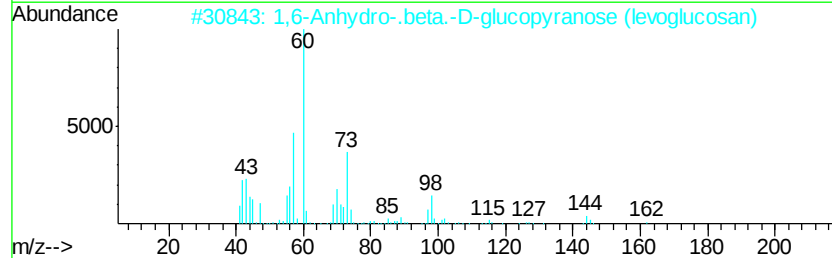
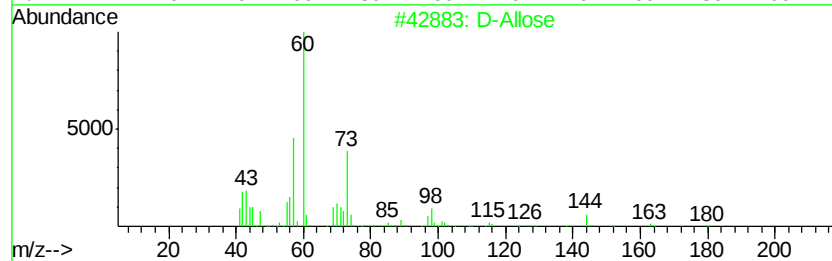
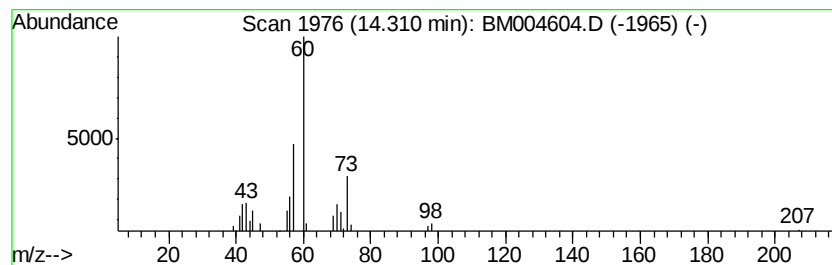
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 D-Allose Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	2.33 ng/ul	77769	Acenaphthene-d10	14.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Allose	180	C6H12O6	002595-97-3	86
2		1,6-Anhydro-.beta.-D-glucopyrano...	162	C6H10O5	000498-07-7	72
3		1,6-Anhydro-.beta.-D-glucopyrano...	162	C6H10O5	000498-07-7	64
4		Heptanoic acid	130	C7H14O2	000111-14-8	53
5		Hexanoic acid	116	C6H12O2	000142-62-1	50



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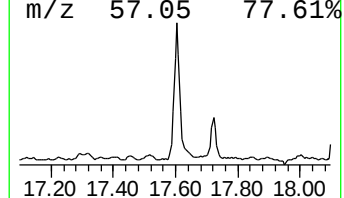
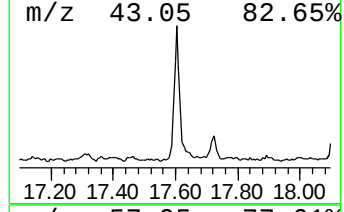
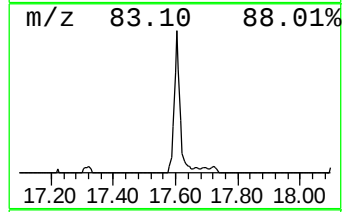
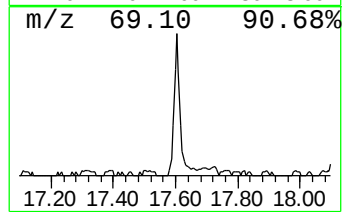
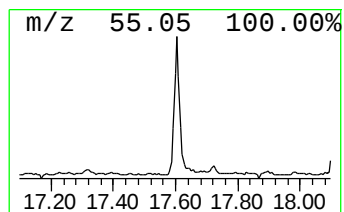
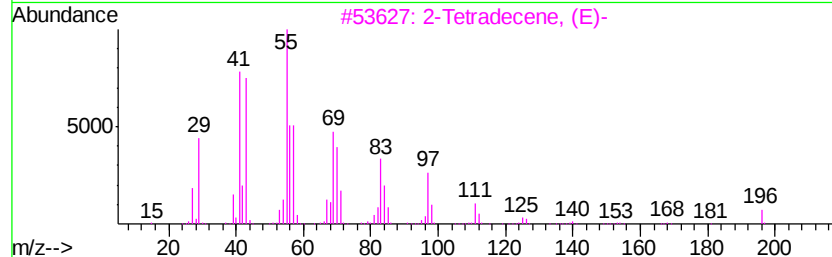
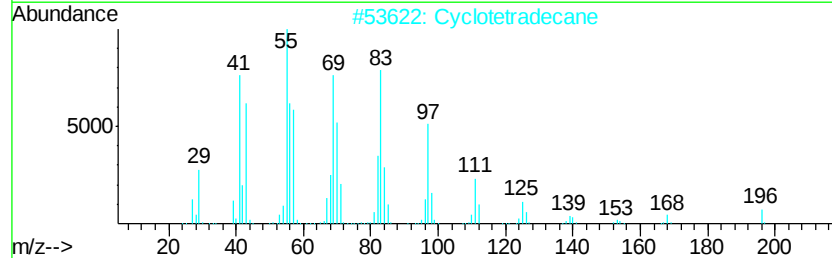
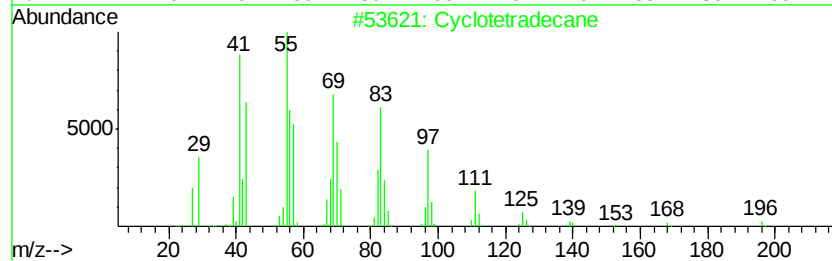
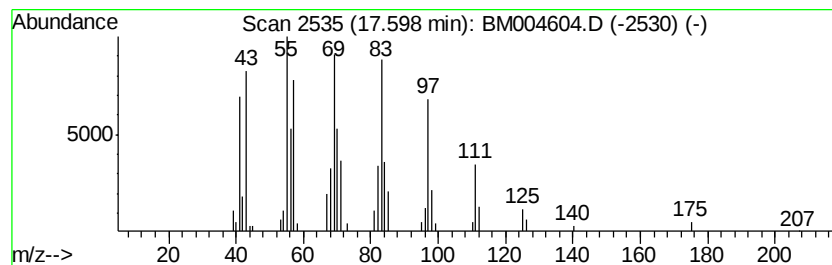
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Peak Number 2 (DEL) Alkane: Cyclic17.60 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.60	4.55 ng/ul	183005	Phenanthrene-d10	17.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	97
2	Cyclotetradecane	196	C14H28	000295-17-0	96
3	2-Tetradecene, (E)-	196	C14H28	035953-53-8	96
4	1-Heptadecanol	256	C17H36O	001454-85-9	94
5	1-Tetradecene	196	C14H28	001120-36-1	91



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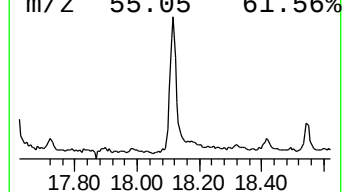
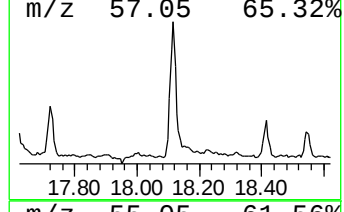
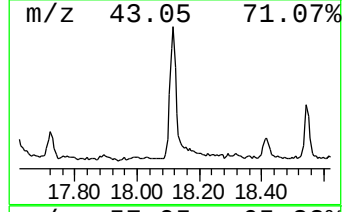
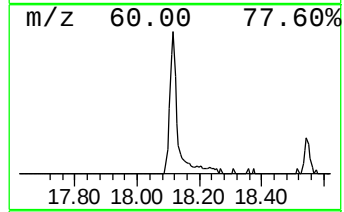
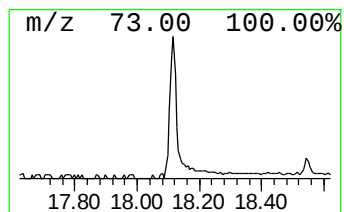
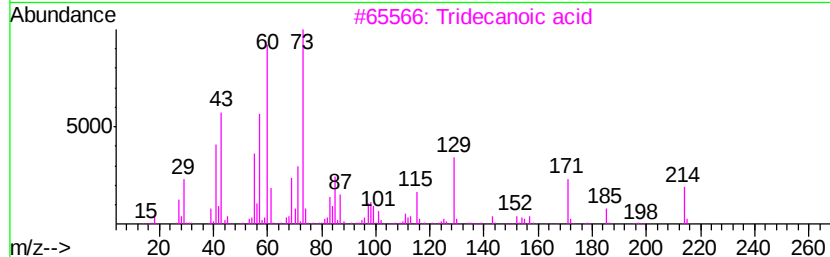
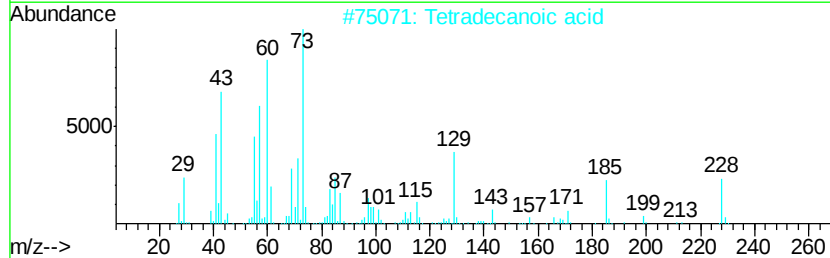
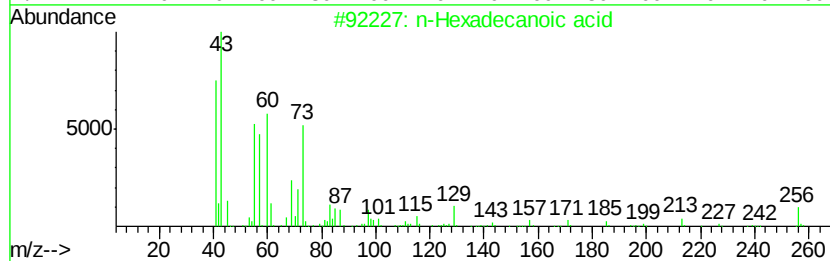
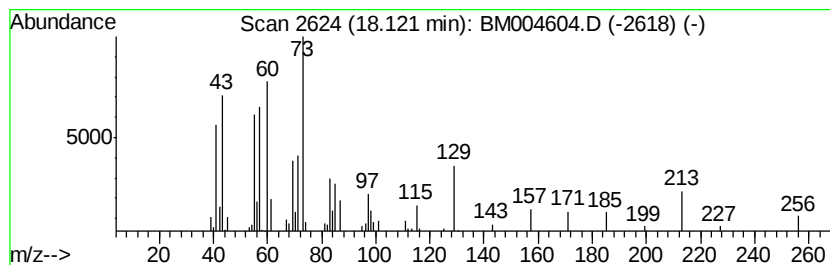
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	4.30 ng/ul	172941	Phenanthrene-d10	17.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50	



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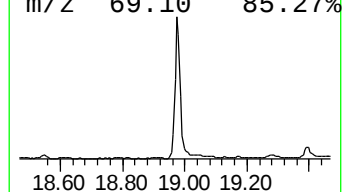
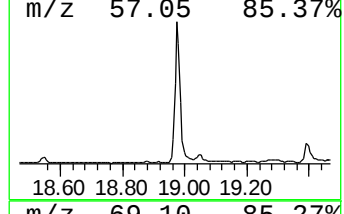
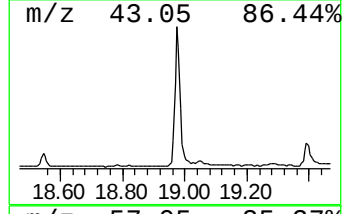
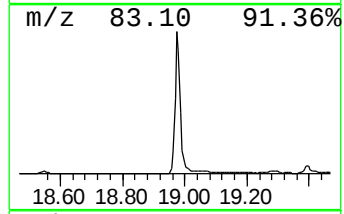
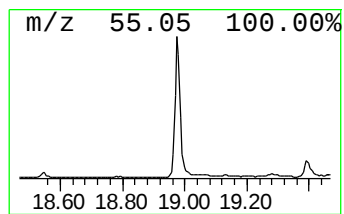
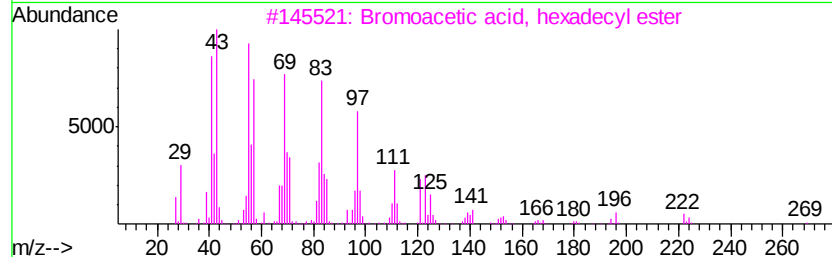
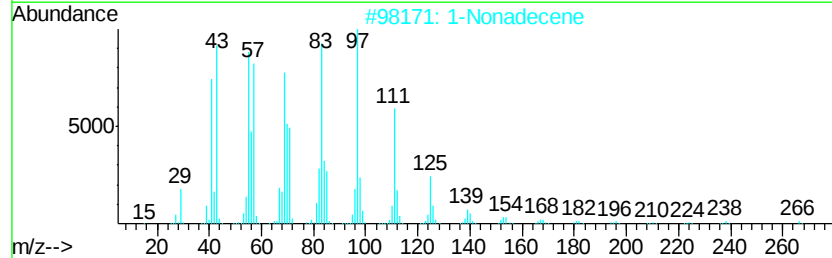
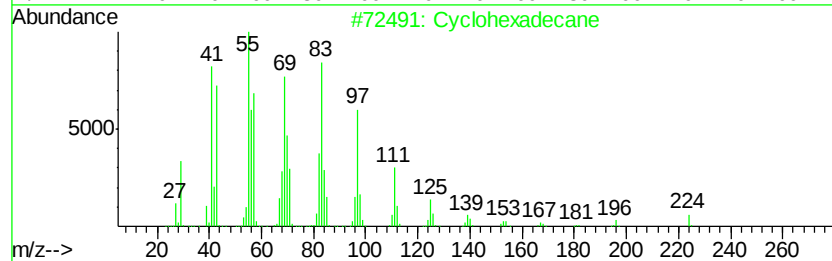
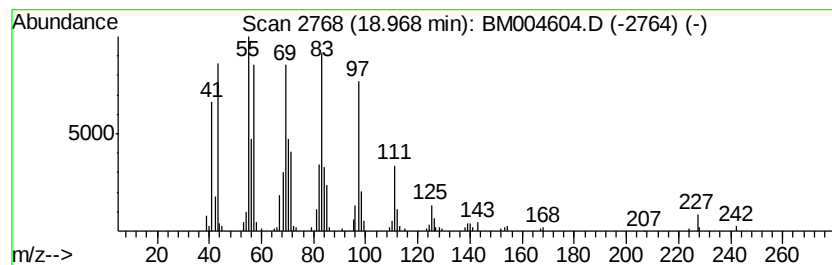
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Peak Number 4 (DEL) Alkane: Cyclic18.97 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	16.43 ng/ul	660396	Phenanthrene-d10	17.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	95
2		1-Nonadecene	266	C19H38	018435-45-5	91
3		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
4		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	91
5		1-Hexadecanol	242	C16H34O	036653-82-4	91



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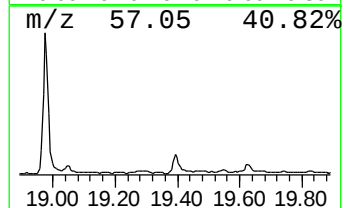
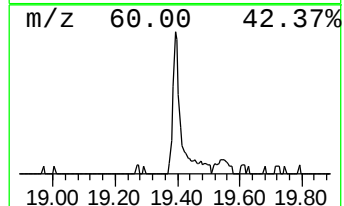
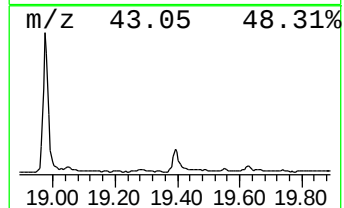
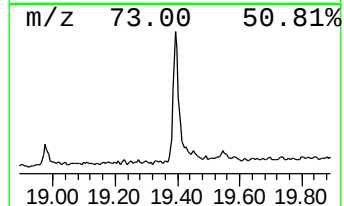
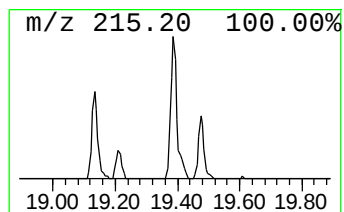
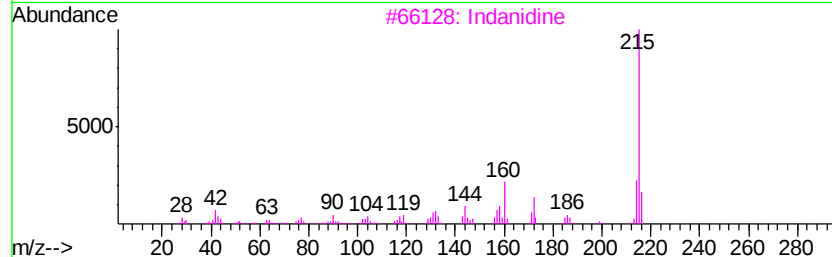
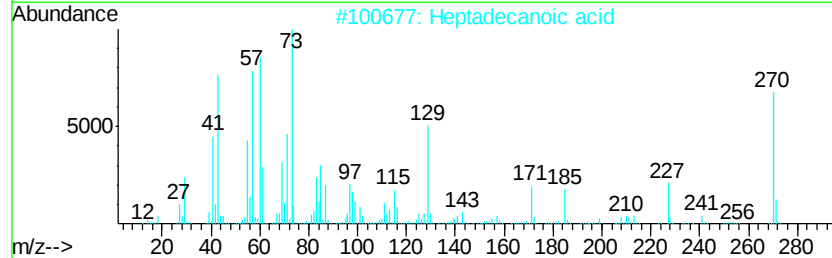
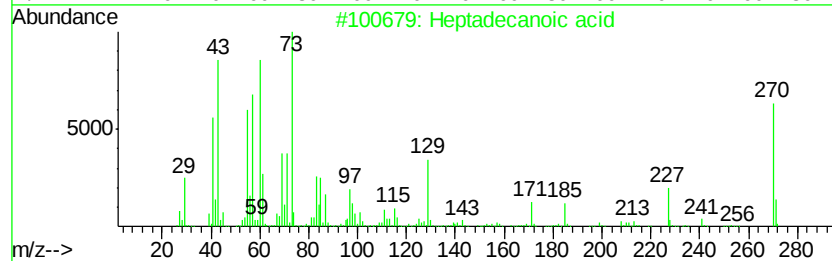
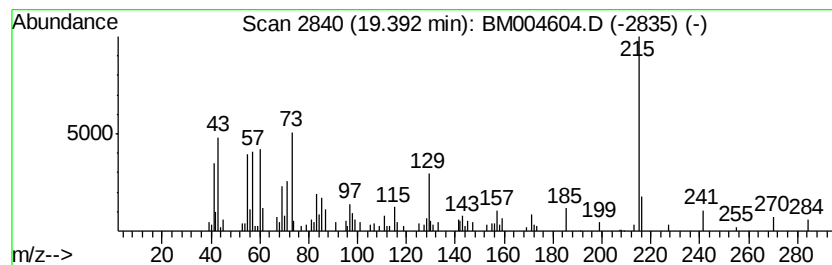
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Heptadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	3.36 ng/ul	182244	Chrysene-d12	21.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecanoic acid	270	C17H34O2	000506-12-7	80
2		Heptadecanoic acid	270	C17H34O2	000506-12-7	59
3		Indanidine	215	C11H13N5	085392-79-6	46
4		3-(1,5-Dimethyl-1H-pyrazol-4-yl)...	215	C12H13N3O	1000275-23-0	38
5		4-Pyridinol, 2,6-dimethyl-3,5-bi...	215	C9H13NOS2	1000251-72-6	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
Data File : BM004604.D
Acq On : 15 Mar 2016 18:57
Operator : UM/SJ
Sample : H1710-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MS-DS-D140

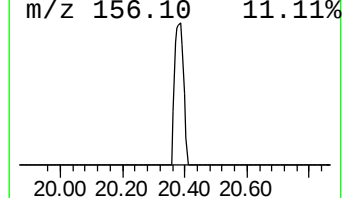
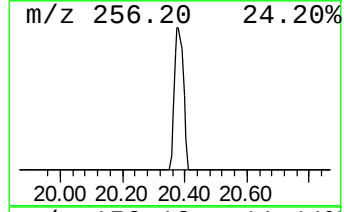
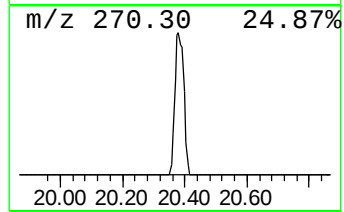
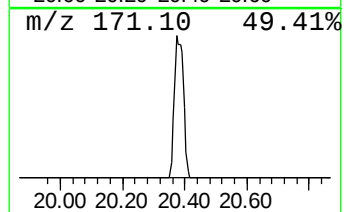
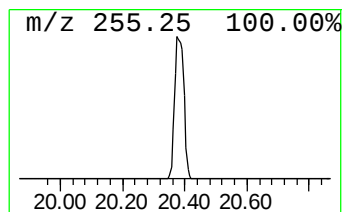
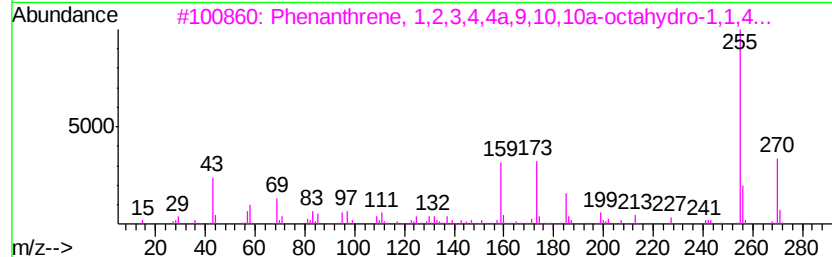
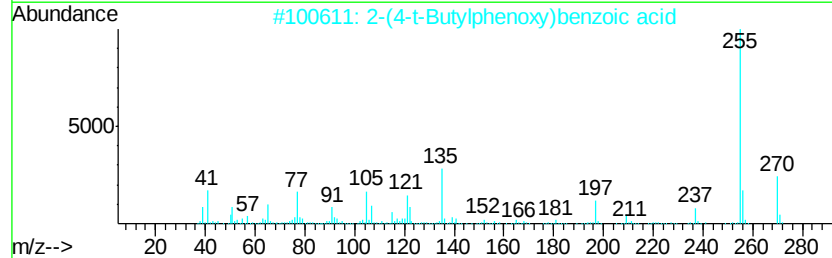
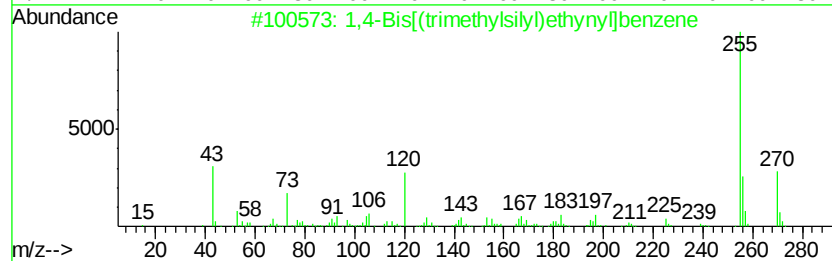
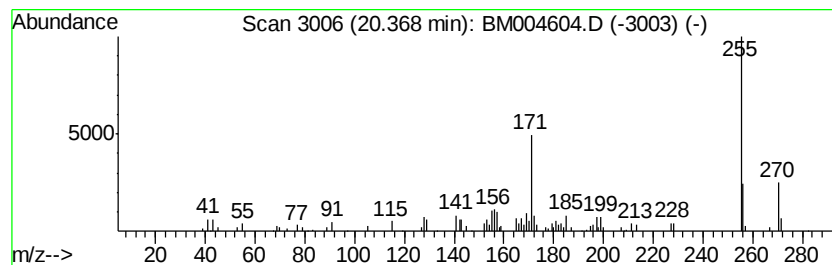
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1,4-Bis[(trimethylsilyl)eth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	3.92 ng/ul	212362	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Bis[(trimethylsilyl)ethynyl]...	270	C16H22Si2	073392-23-1	78
2		2-(4-t-Butylphenoxy)benzoic acid	270	C17H18O3	069737-65-1	49
3		Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	47
4		Iron, (.eta.-5-cyclohexadienyl)(...	270	C16H22Fe	1000162-99-3	47
5		Benzonitrile, 4-(4-pentylcyclohe...	255	C18H25N	062788-05-0	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
Data File : BM004604.D
Acq On : 15 Mar 2016 18:57
Operator : UM/SJ
Sample : H1710-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MS-DS-D140

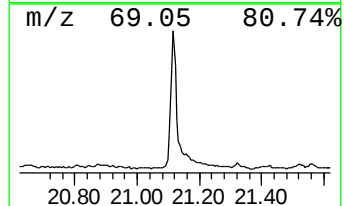
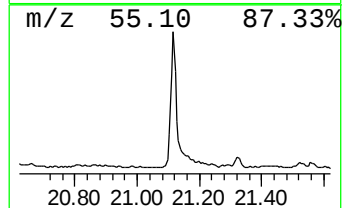
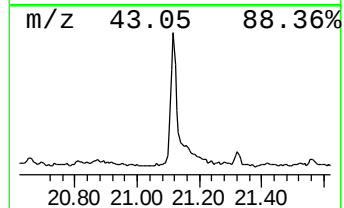
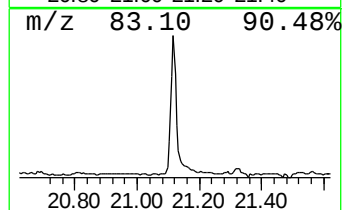
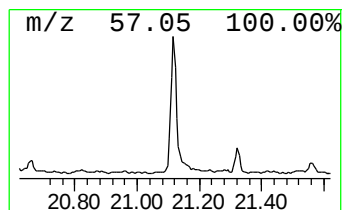
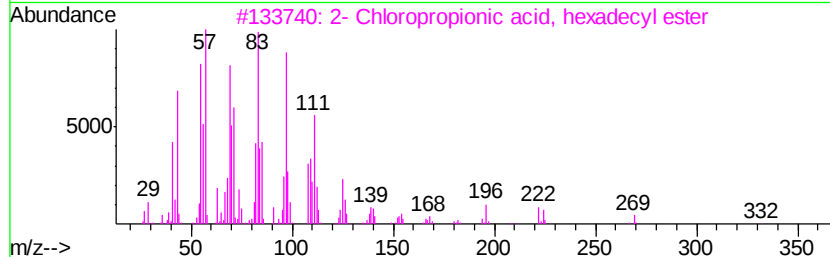
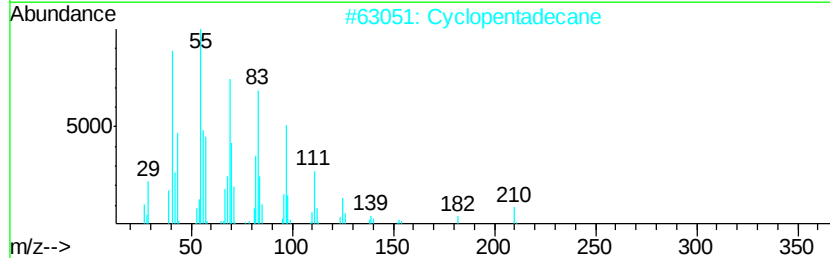
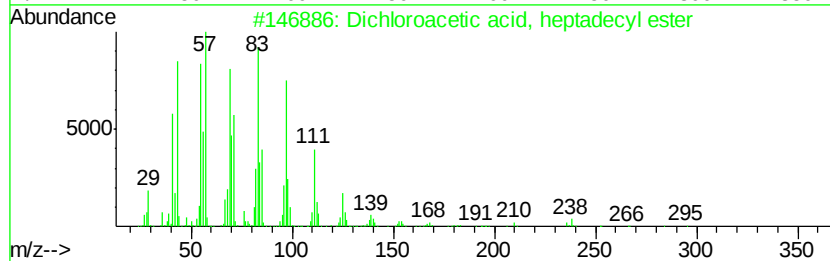
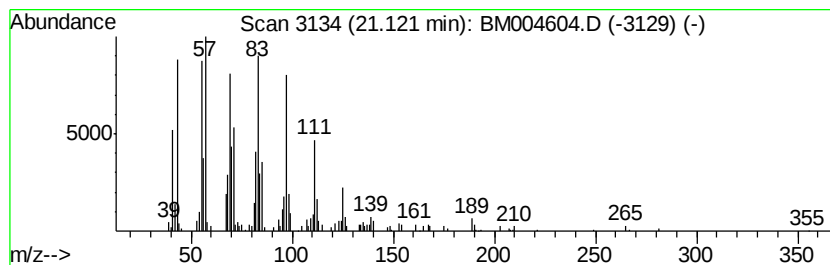
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Dichloroacetic acid, heptad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	7.75 ng/ul	420000	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2		Cyclopentadecane	210	C15H30	000295-48-7	94
3		2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	94
4		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91



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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MS-DS-D140

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
D-Allose	14.31	2.3	ng/ul	77769	3	14.48	667016	20.0
(DEL) Alkane: Cyc...	17.60	4.5	ng/ul	183005	4	17.22	803695	20.0
n-Hexadecanoic acid	18.12	4.3	ng/ul	172941	4	17.22	803695	20.0
(DEL) Alkane: Cyc...	18.97	16.4	ng/ul	660396	4	17.22	803695	20.0
Heptadecanoic acid	19.39	3.4	ng/ul	182244	5	21.40	1084130	20.0
1,4-Bis[(trimethy...	20.37	3.9	ng/ul	212362	5	21.40	1084130	20.0
Dichloroacetic ac...	21.12	7.8	ng/ul	420000	5	21.40	1084130	20.0