

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
 Data File : BM005327.D
 Acq On : 08 May 2016 02:27
 Operator : UM/SJ
 Sample : H2853-14
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9X04

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-BM050516.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	6.946	719	724	737	rBV	51016	93900	5.17%	0.450%
2	7.105	745	751	763	rBV	170937	268545	14.80%	1.287%
3	7.305	779	785	796	rBV	188621	302497	16.67%	1.449%
4	7.769	858	864	872	rBV	241685	387927	21.38%	1.859%
5	8.475	979	984	993	rBV	167878	269349	14.84%	1.291%
6	8.928	1055	1061	1074	rBV	208503	362946	20.00%	1.739%
7	9.646	1175	1183	1193	rBV	190041	311103	17.14%	1.491%
8	10.181	1268	1274	1290	rBV	277808	492254	27.12%	2.358%
9	10.557	1331	1338	1347	rBV	398387	675511	37.22%	3.237%
10	13.816	1886	1892	1897	rBV	606732	867097	47.78%	4.154%
11	13.863	1897	1900	1907	rVB	82001	112800	6.22%	0.540%
12	14.104	1934	1941	1951	rBV	650662	992968	54.71%	4.758%
13	14.304	1969	1975	1980	rBV	57256	72266	3.98%	0.346%
14	14.410	1987	1993	2003	rVB2	680088	1067330	58.81%	5.114%
15	14.633	2027	2031	2039	rBV3	27148	57696	3.18%	0.276%
16	14.922	2075	2080	2085	rVB4	13106	20118	1.11%	0.096%
17	15.257	2132	2137	2142	rVB	82499	101209	5.58%	0.485%
18	15.404	2156	2162	2172	rVB	896726	1307412	72.04%	6.264%
19	15.533	2178	2184	2193	rBV	272430	398447	21.95%	1.909%
20	15.645	2198	2203	2205	rBV3	24036	37051	2.04%	0.178%
21	16.116	2278	2283	2298	rBV	94061	168002	9.26%	0.805%
22	16.910	2414	2418	2422	rBV	57430	66401	3.66%	0.318%
23	16.963	2422	2427	2431	rVB2	13439	21495	1.18%	0.103%
24	17.157	2454	2460	2471	rBV2	931098	1378712	75.97%	6.606%
25	17.257	2471	2477	2487	rVB2	1016951	1478124	81.45%	7.082%
26	17.539	2522	2525	2535	rVB5	12293	23394	1.29%	0.112%
27	18.057	2607	2613	2633	rBV	421142	688782	37.95%	3.300%
28	19.186	2801	2805	2816	rBV3	23444	61213	3.37%	0.293%
29	19.339	2822	2831	2845	rBV	540814	894971	49.31%	4.288%
30	19.557	2862	2868	2880	rVB	1298611	1814846	100.00%	8.695%
31	20.092	2951	2959	2965	rBV7	11297	26020	1.43%	0.125%
32	20.586	3039	3043	3046	rBV4	19904	25073	1.38%	0.120%
33	21.051	3118	3122	3139	rBV	222228	371088	20.45%	1.778%
34	21.351	3167	3173	3182	rBV	1289740	1730930	95.38%	8.293%

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35	21.486	3193	3196	3202	rBV	41887	45505	2.51%	0.218%
36	21.927	3267	3271	3275	rBV	56322	71774	3.95%	0.344%
37	22.392	3346	3350	3358	rBV	135252	182303	10.05%	0.873%
38	22.904	3432	3437	3442	rVB	79473	116393	6.41%	0.558%
39	23.474	3527	3534	3545	rVB2	886991	1676108	92.36%	8.031%
40	23.621	3551	3559	3569	rVB	782872	1509844	83.19%	7.234%
41	24.127	3639	3645	3654	rVB	70736	128760	7.09%	0.617%
42	24.874	3767	3772	3781	rBV	53069	115301	6.35%	0.552%
43	25.756	3917	3922	3930	rVB	34075	78073	4.30%	0.374%

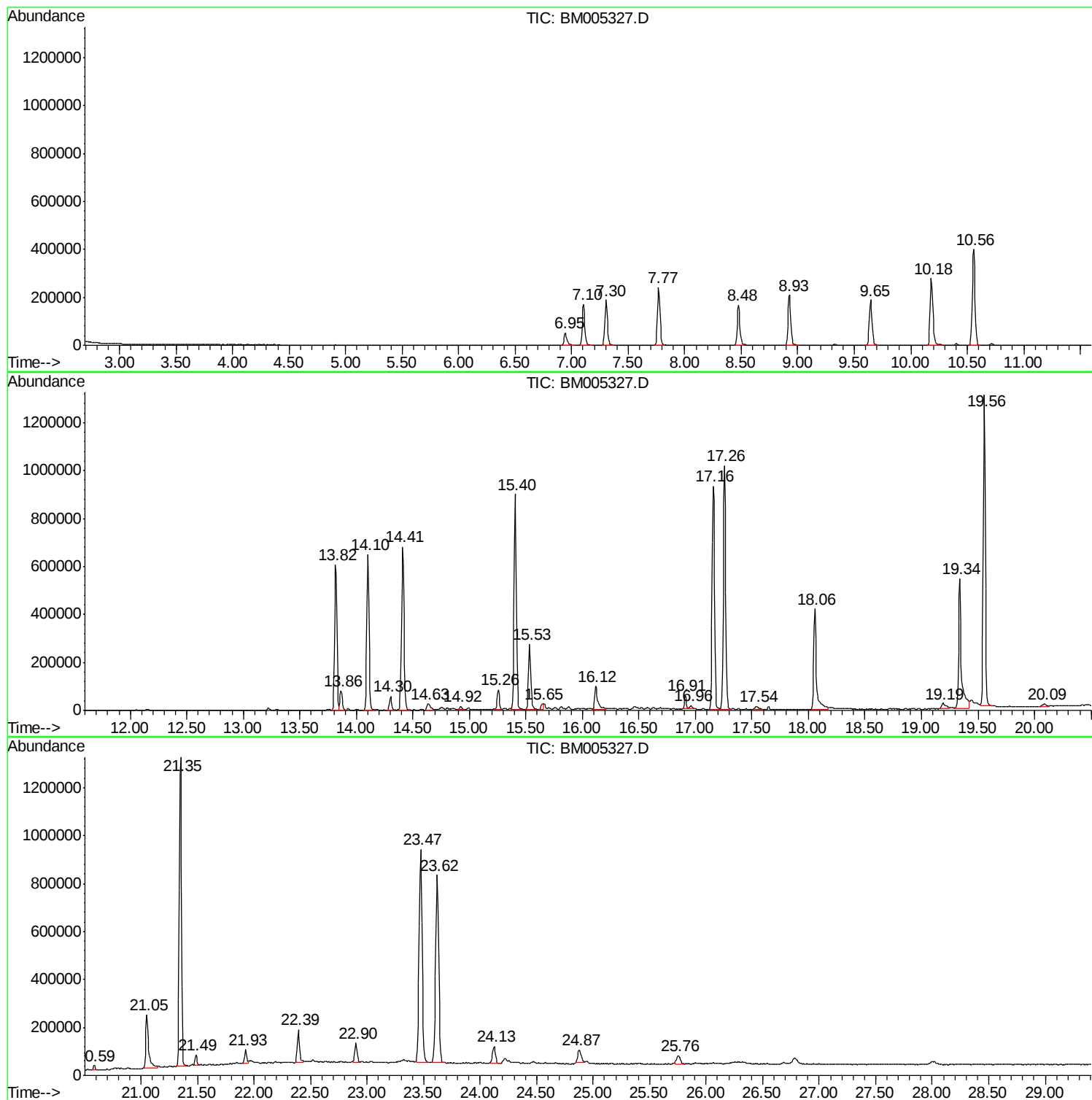
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
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TIC Library : C:\DATABASE\NIST02.L
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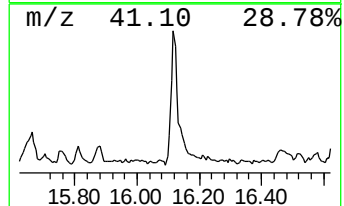
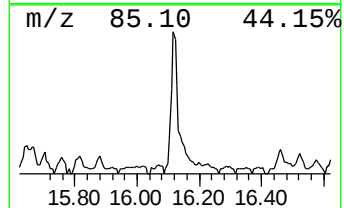
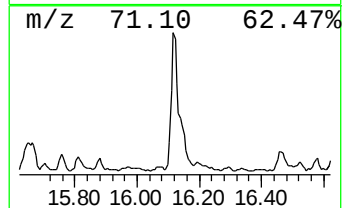
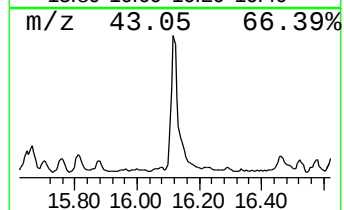
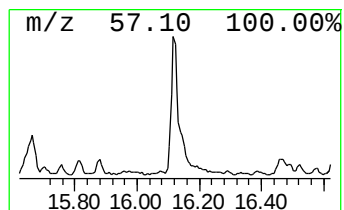
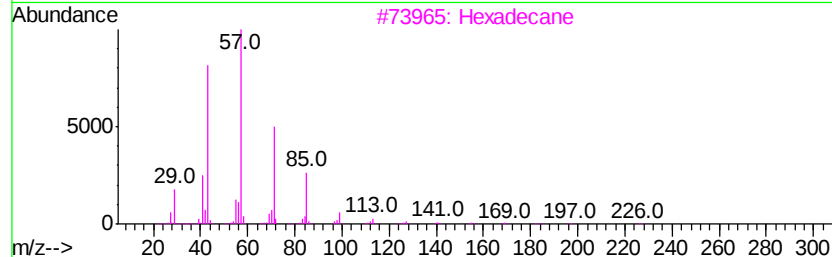
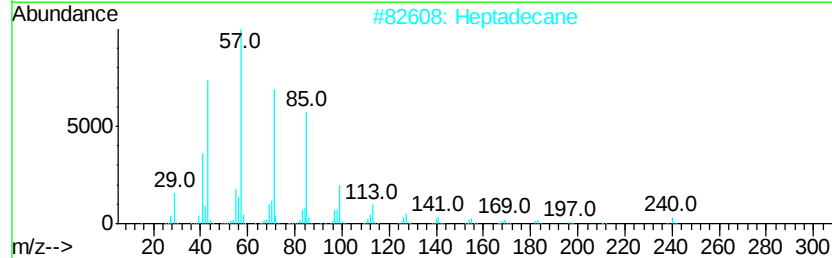
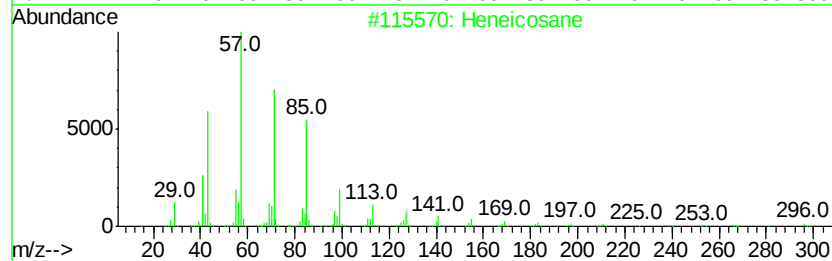
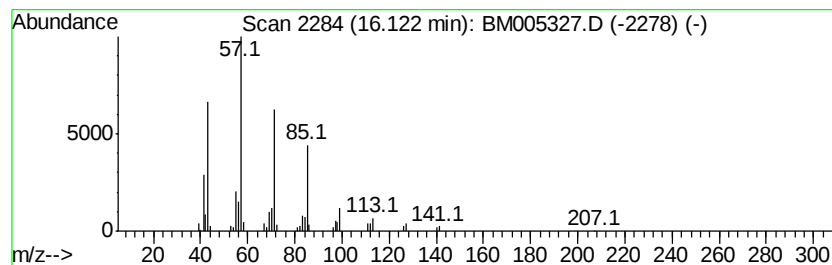
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	2.44 ng/ul	168002	Phenanthrene-d10	17.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Heptadecane	240	C17H36	000629-78-7	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Hexadecane	226	C16H34	000544-76-3	86
5			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	86



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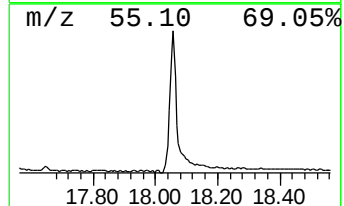
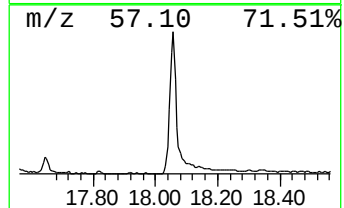
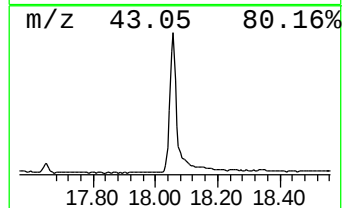
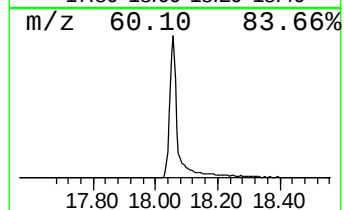
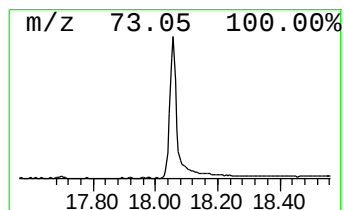
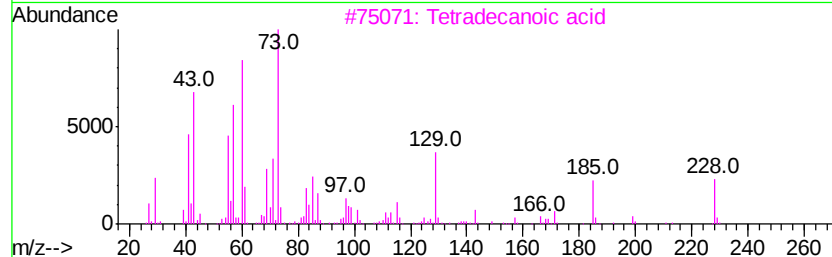
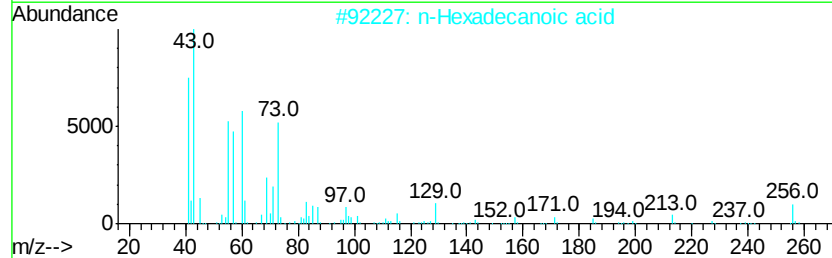
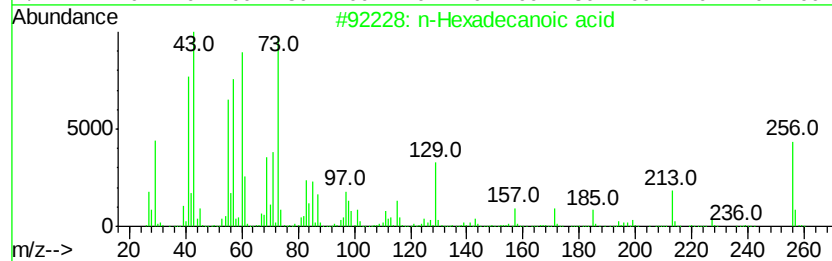
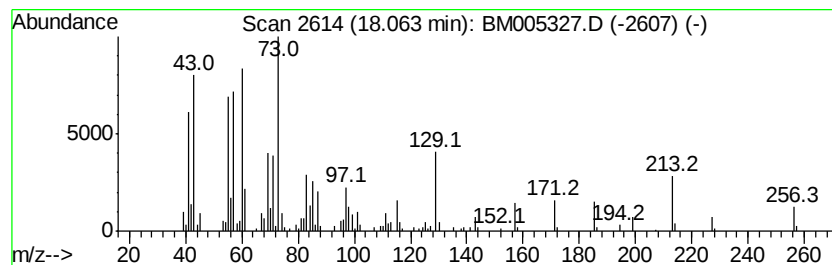
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	9.99 ng/ul	688782	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4		Tridecanoic acid	214	C13H26O2	000638-53-9	89
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86



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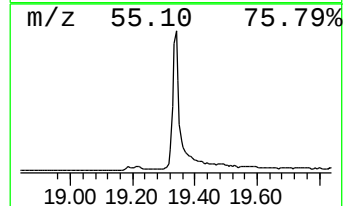
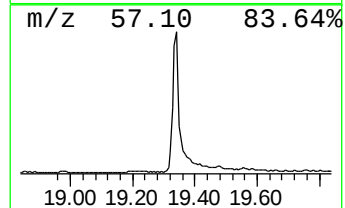
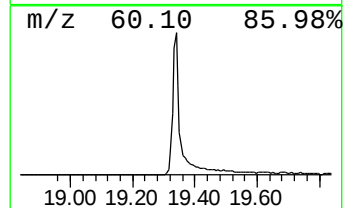
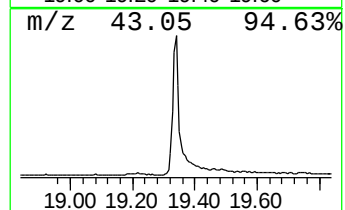
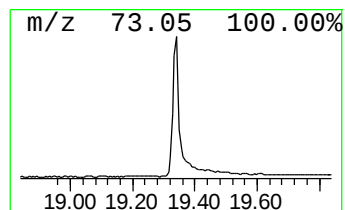
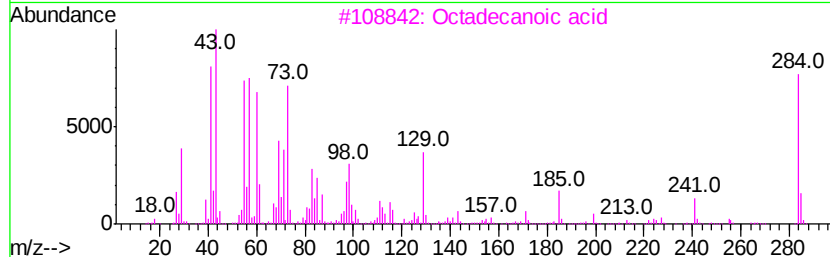
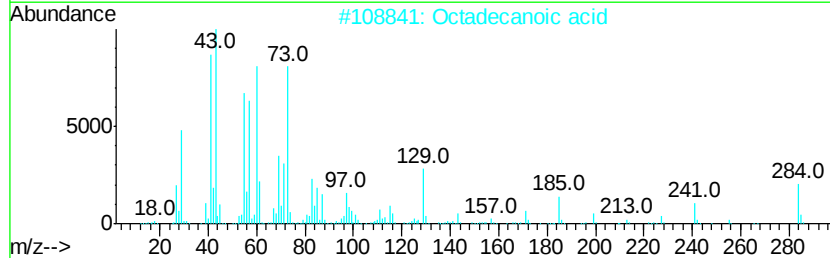
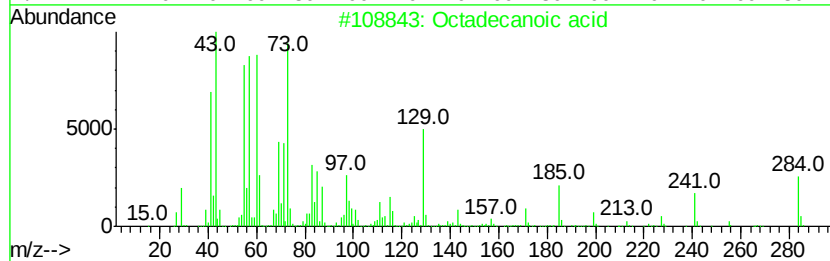
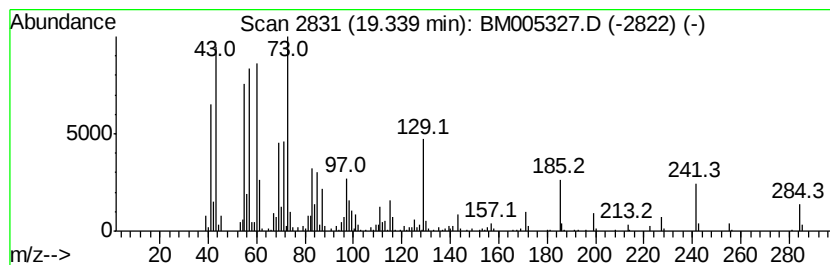
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	10.34 ng/ul	894971	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	95
4		Octadecanoic acid	284	C18H36O2	000057-11-4	94
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	91



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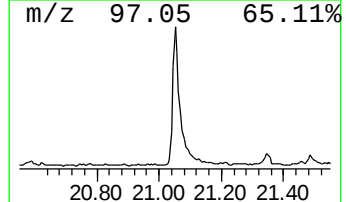
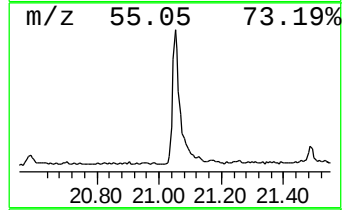
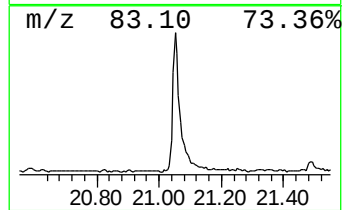
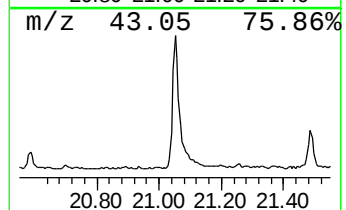
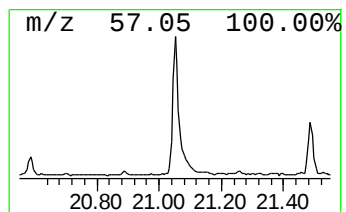
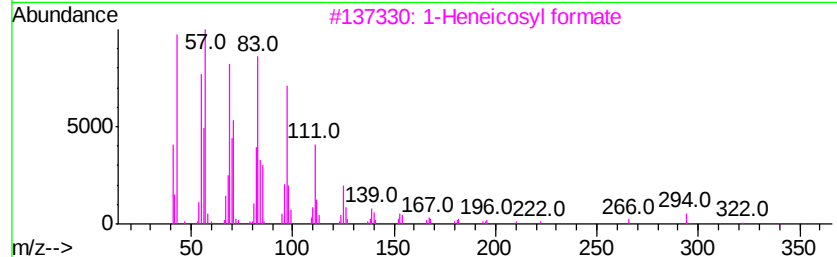
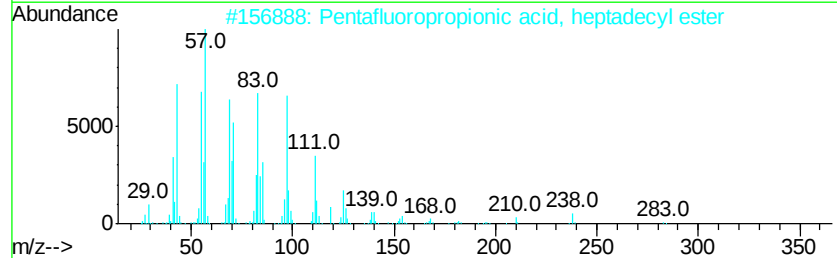
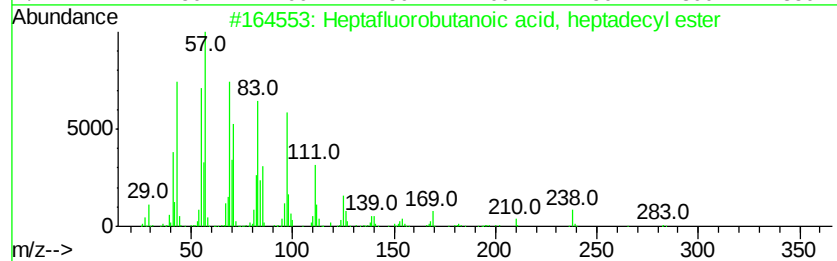
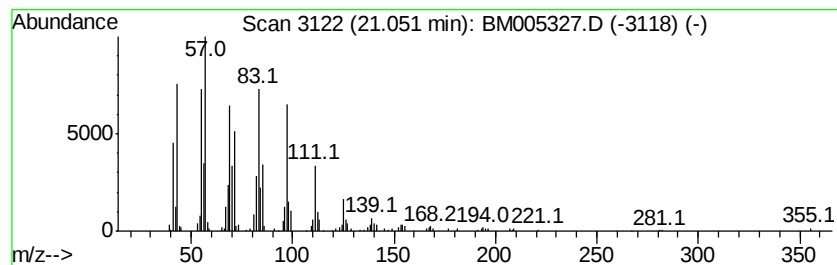
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Peak Number 4 Heptafluorobutanoic acid, h... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	4.29 ng/ul	371088	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	94
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		1-Tricosene	322	C23H46	018835-32-0	91



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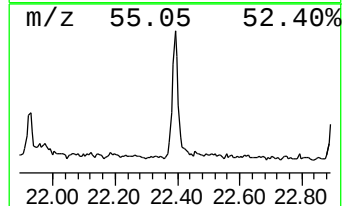
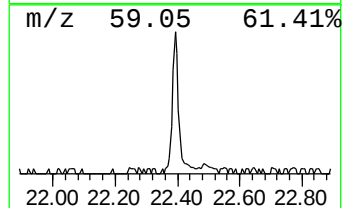
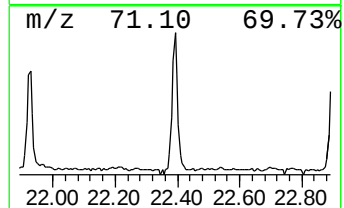
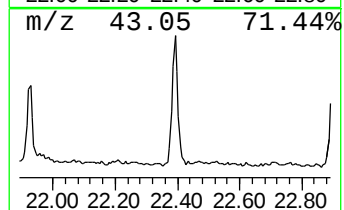
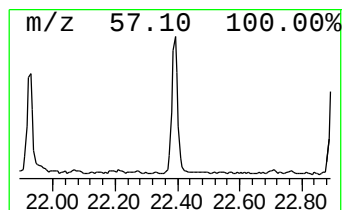
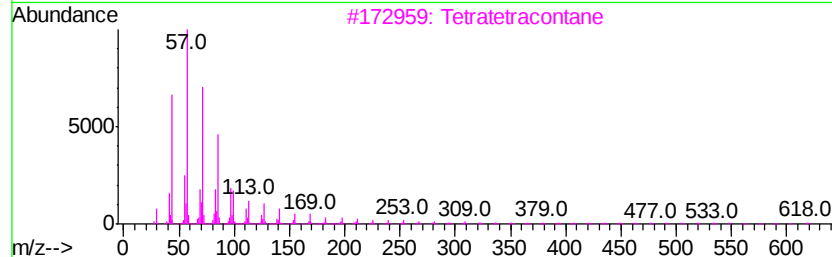
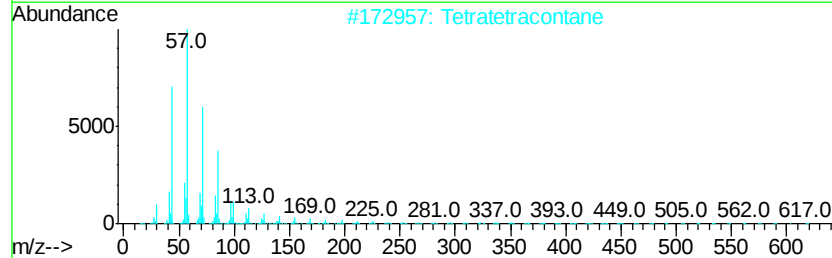
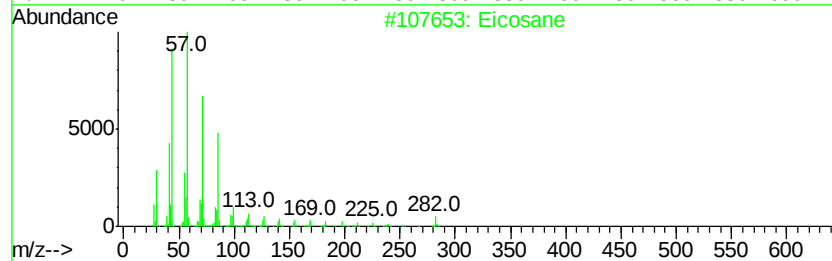
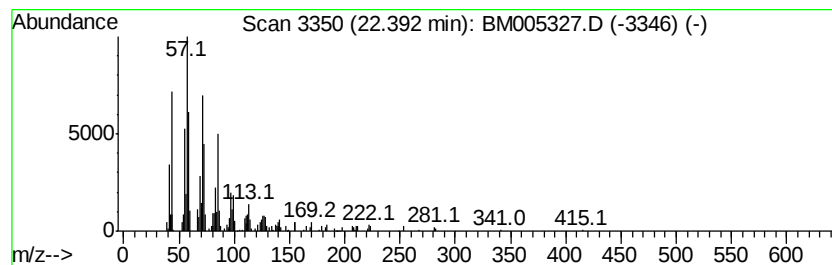
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	2.11 ng/ul	182303	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	89
2		Tetratetracontane	619	C44H90	007098-22-8	50
3		Tetratetracontane	619	C44H90	007098-22-8	49
4		Tetratriacontane	479	C34H70	014167-59-0	49
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050716\
Data File : BM005327.D
Acq On : 08 May 2016 02:27
Operator : UM/SJ
Sample : H2853-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9X04

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.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
(DEL) Alkane: Str...	16.12	2.4	ng/ul	168002	4	17.16	1378710	20.0
n-Hexadecanoic acid	18.06	10.0	ng/ul	688782	4	17.16	1378710	20.0
Octadecanoic acid	19.34	10.3	ng/ul	894971	5	21.35	1730930	20.0
Heptafluorobutano...	21.05	4.3	ng/ul	371088	5	21.35	1730930	20.0
(DEL) Alkane: Str...	22.39	2.1	ng/ul	182303	5	21.35	1730930	20.0