

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
 Data File : BM007064.D
 Acq On : 13 Aug 2016 11:56
 Operator : UM/SJ
 Sample : H4389-13
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR002-SS006-1218-01

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-BM081116.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	3.328	121	126	133	rVB	45780	70046	1.18%	0.105%
2	6.975	739	746	758	rBV	872106	1419850	23.97%	2.121%
3	7.145	769	775	787	rBV	658295	1028082	17.36%	1.536%
4	7.345	801	809	817	rBV	900659	1471445	24.85%	2.198%
5	7.810	882	888	896	rBV	962255	1556003	26.27%	2.324%
6	8.504	999	1006	1015	rBV	1041280	1700497	28.71%	2.540%
7	8.963	1076	1084	1092	rBV	845650	1373363	23.19%	2.051%
8	9.075	1095	1103	1109	rBV	85382	139644	2.36%	0.209%
9	9.681	1199	1206	1215	rBV	691984	1141996	19.28%	1.706%
10	10.216	1289	1297	1307	rBV	1089119	1847195	31.19%	2.759%
11	10.598	1354	1362	1369	rBV	1233344	2060169	34.79%	3.077%
12	10.728	1374	1384	1393	rBV	842370	1490914	25.17%	2.227%
13	13.339	1823	1828	1834	rVB2	48498	75977	1.28%	0.113%
14	13.851	1907	1915	1919	rBV	1961359	2745724	46.36%	4.101%
15	13.898	1919	1923	1930	rVB	1539903	2100608	35.47%	3.138%
16	14.133	1956	1963	1973	rVB	2214902	3281164	55.40%	4.901%
17	14.439	2009	2015	2025	rBV2	1668400	2682619	45.30%	4.007%
18	14.627	2041	2047	2062	rBV	786108	1172596	19.80%	1.751%
19	15.298	2157	2161	2167	rVB	76539	94298	1.59%	0.141%
20	15.433	2176	2184	2191	rBV	2888350	4122559	69.61%	6.158%
21	15.545	2196	2203	2214	rBV	723785	1050440	17.74%	1.569%
22	15.674	2220	2225	2228	rBV5	41674	68067	1.15%	0.102%
23	16.157	2303	2307	2311	rBV	116310	165760	2.80%	0.248%
24	16.951	2437	2442	2447	rBV2	83775	122207	2.06%	0.183%
25	17.180	2474	2481	2487	rBV2	2254862	3330727	56.24%	4.975%
26	17.221	2487	2488	2492	rVV	59596	68353	1.15%	0.102%
27	17.280	2492	2498	2509	rVB2	3179361	4591863	77.54%	6.859%
28	18.080	2624	2634	2643	rBV2	293600	492808	8.32%	0.736%
29	19.209	2821	2826	2828	rBV2	67694	98750	1.67%	0.148%
30	19.239	2828	2831	2839	rVB	148284	204639	3.46%	0.306%
31	19.362	2845	2852	2860	rBV2	126751	212020	3.58%	0.317%
32	19.574	2882	2888	2901	rBV	4006871	5848529	98.75%	8.736%
33	21.080	3140	3144	3152	rBV	558945	706424	11.93%	1.055%
34	21.362	3186	3192	3197	rBV	3577093	4659279	78.67%	6.959%

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35	21.980	3292	3297	3305	rBV2	289745	471894	7.97%	0.705%
36	22.439	3371	3375	3379	rBV3	90321	129557	2.19%	0.194%
37	22.574	3395	3398	3405	rVB	102966	148105	2.50%	0.221%
38	22.956	3459	3463	3468	rBV2	308855	511017	8.63%	0.763%
39	22.997	3468	3470	3478	rVB4	141879	220109	3.72%	0.329%
40	23.491	3547	3554	3560	rBV	3166821	5922280	100.00%	8.846%
41	23.638	3572	3579	3592	rVB	2374361	4572615	77.21%	6.830%
42	24.203	3670	3675	3682	rVB2	288275	545283	9.21%	0.814%
43	24.968	3801	3805	3812	rVB	165379	320666	5.41%	0.479%
44	25.868	3953	3958	3966	rVB2	147959	350632	5.92%	0.524%
45	26.762	4104	4110	4121	rVB10	192681	562131	9.49%	0.840%

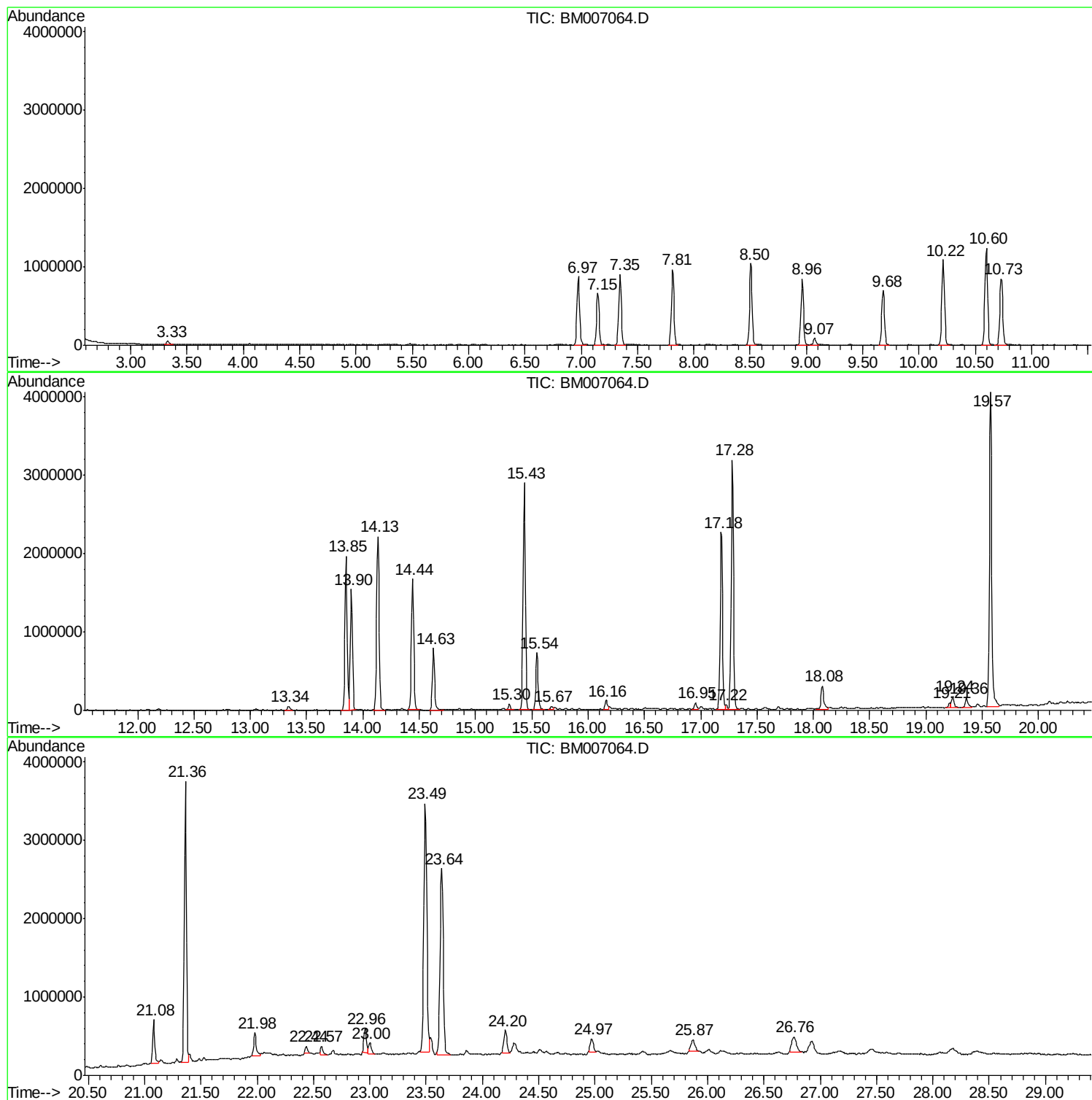
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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



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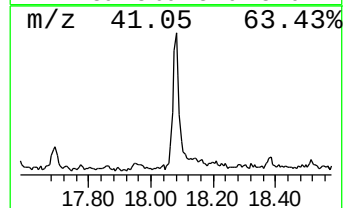
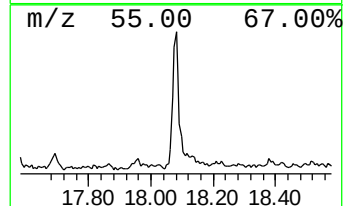
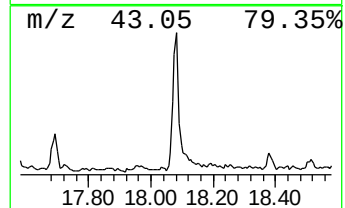
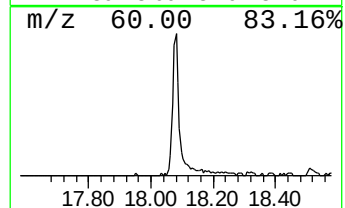
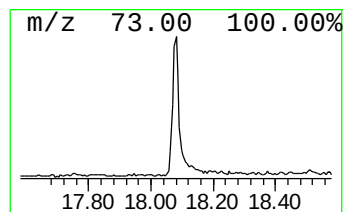
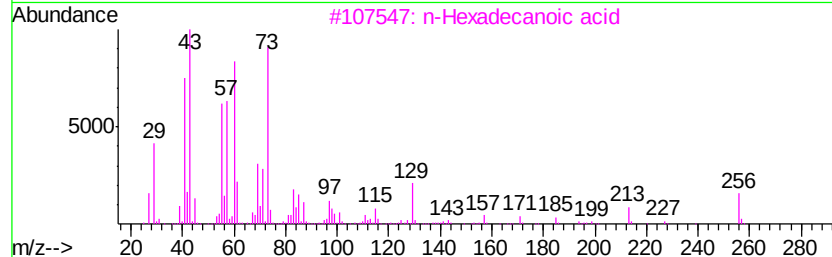
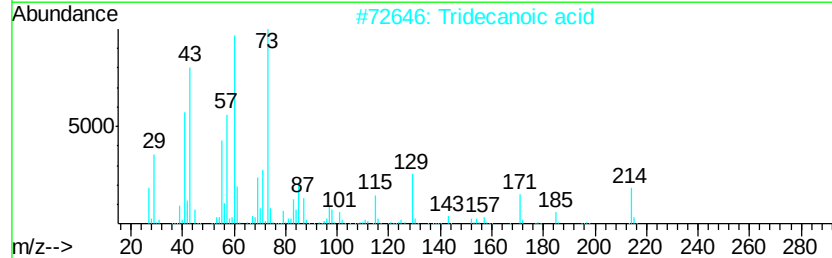
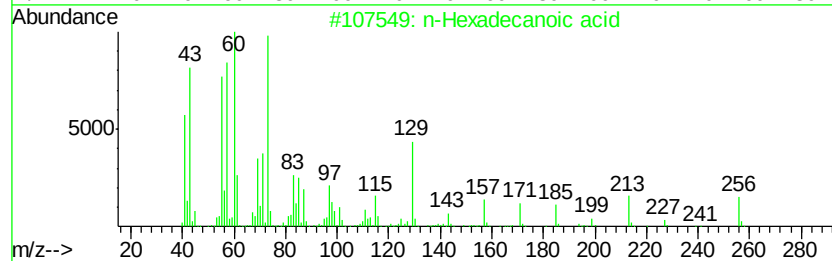
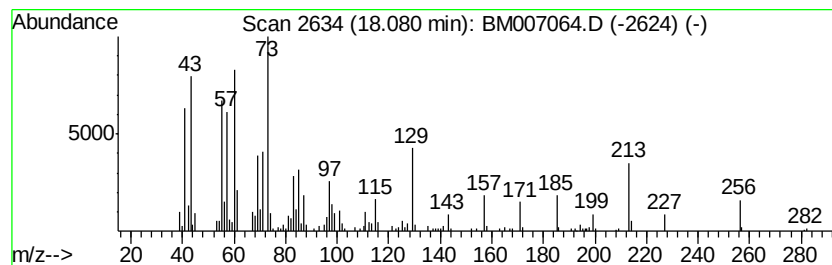
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.08	2.96 ng/ul	492808	Phenanthrene-d10		17.18	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	87
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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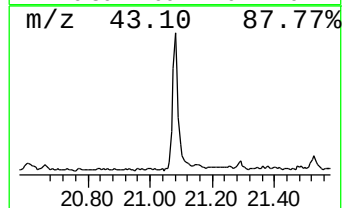
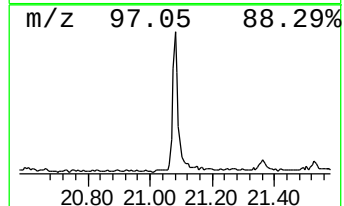
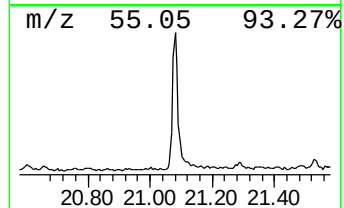
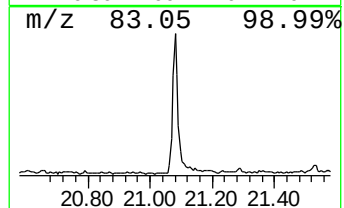
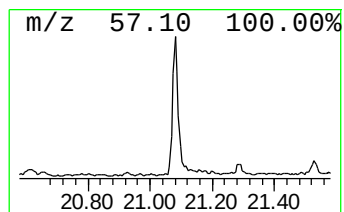
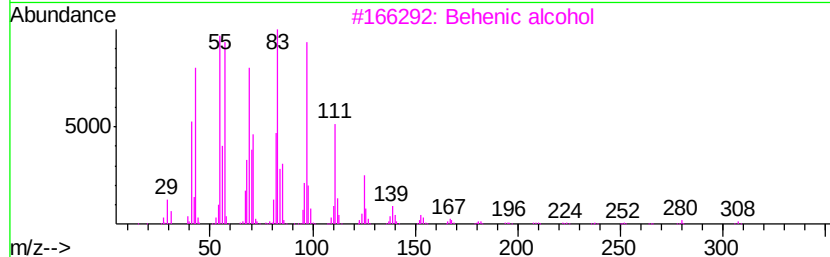
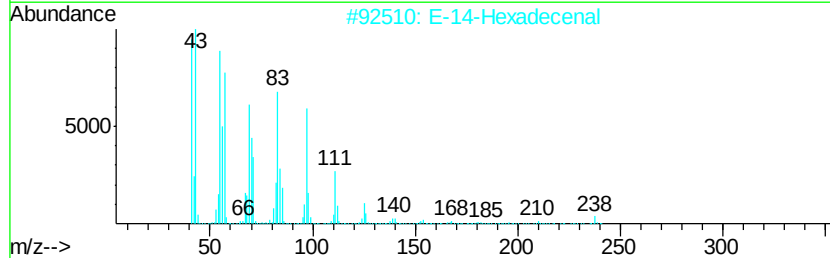
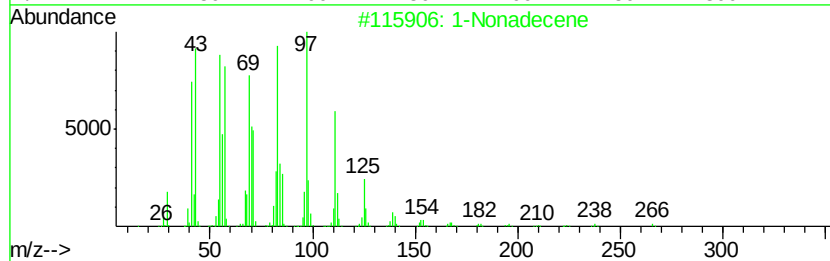
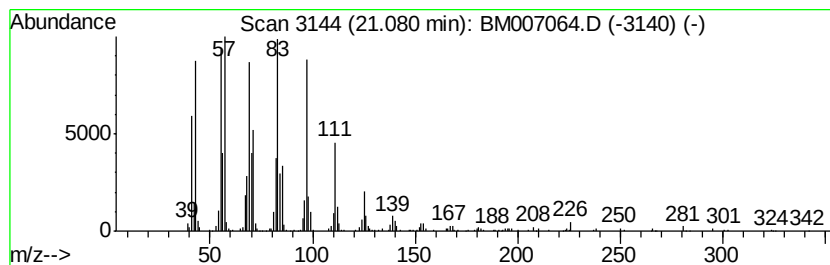
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Peak Number 2 (DEL) Alkane: Cyclic21.08 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.08	3.03 ng/ul	706424	Chrysene-d12	21.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	95
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94



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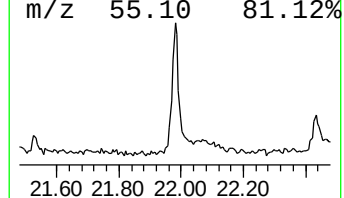
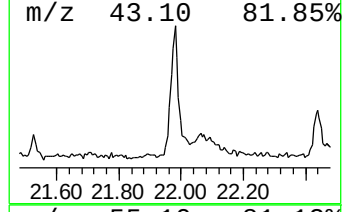
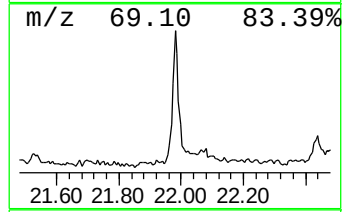
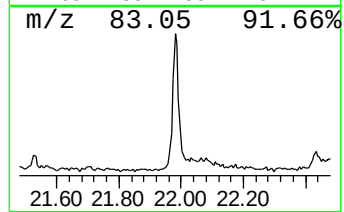
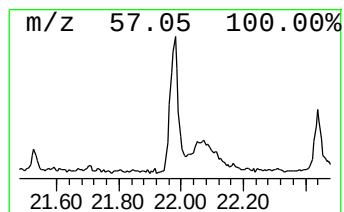
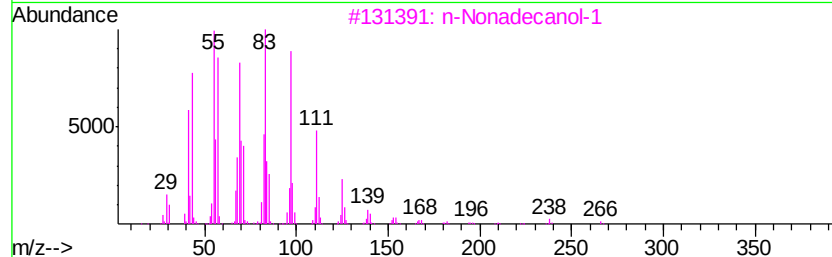
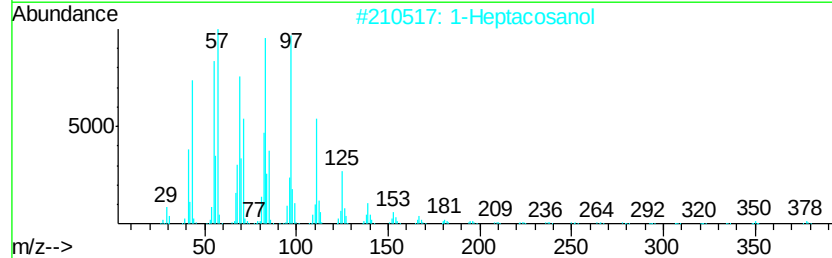
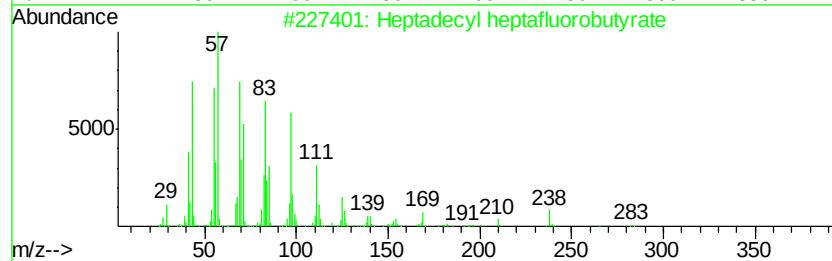
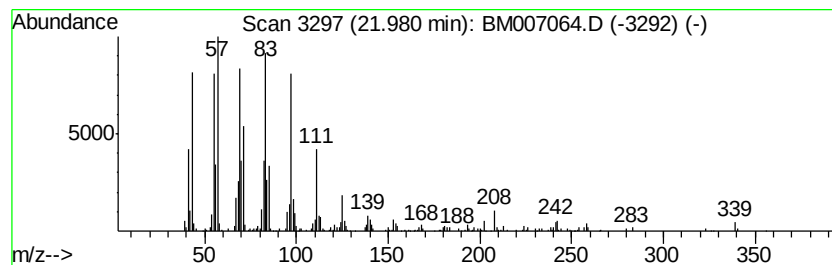
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptadecyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	2.03 ng/ul	471894	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2		1-Heptacosanol	396	C27H56O	002004-39-9	91
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	87
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87
5		Cyclopentadecane	210	C15H30	000295-48-7	83



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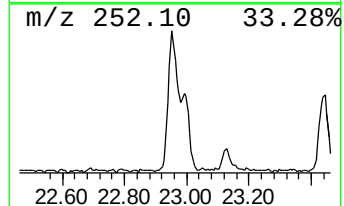
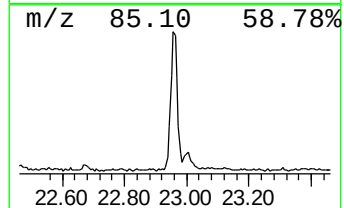
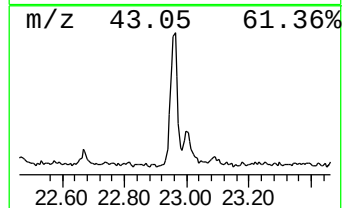
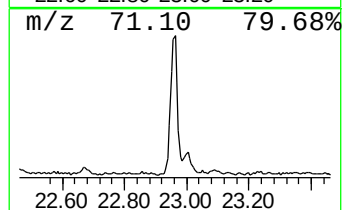
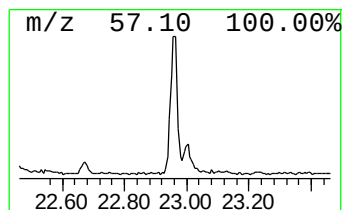
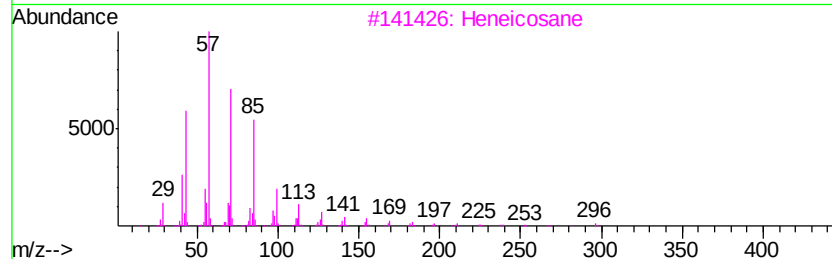
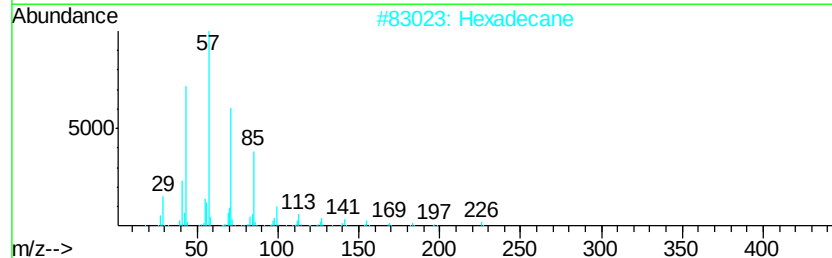
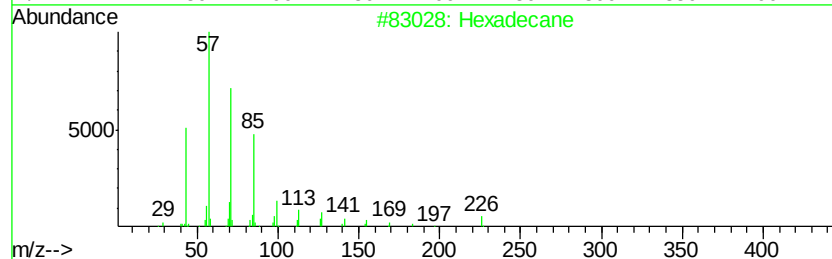
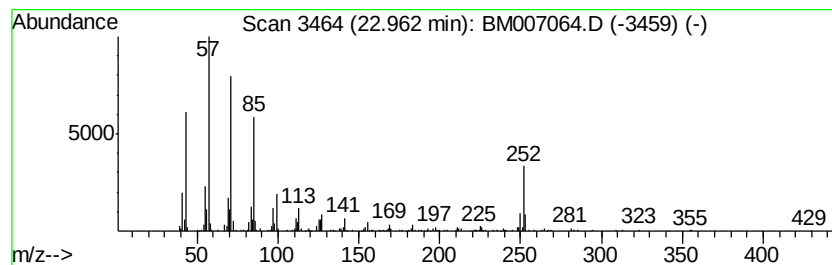
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	2.24 ng/ul	511017	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	92
2		Hexadecane	226	C16H34	000544-76-3	83
3		Heneicosane	296	C21H44	000629-94-7	70
4		2-methyloctacosane	408	C29H60	1000376-72-8	70
5		Hexacosane	366	C26H54	000630-01-3	70



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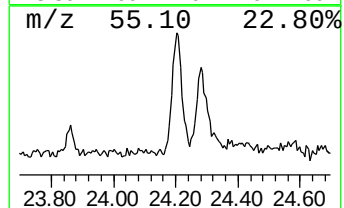
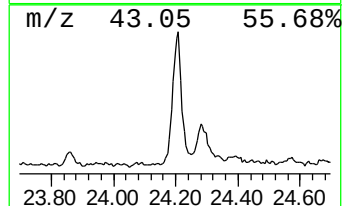
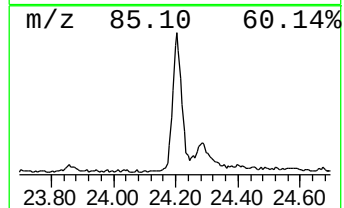
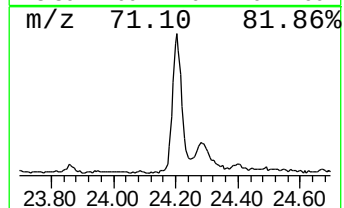
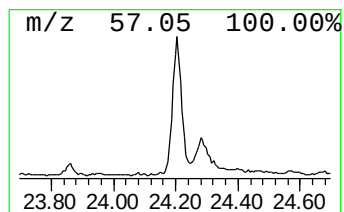
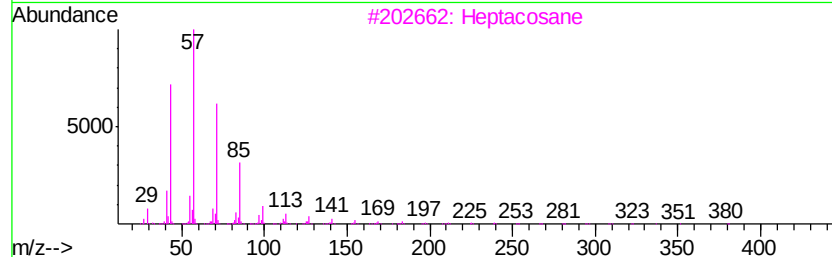
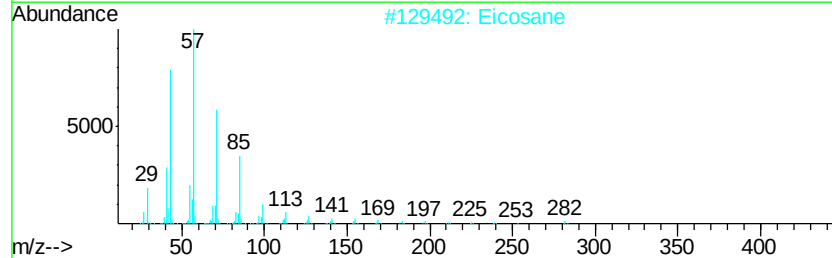
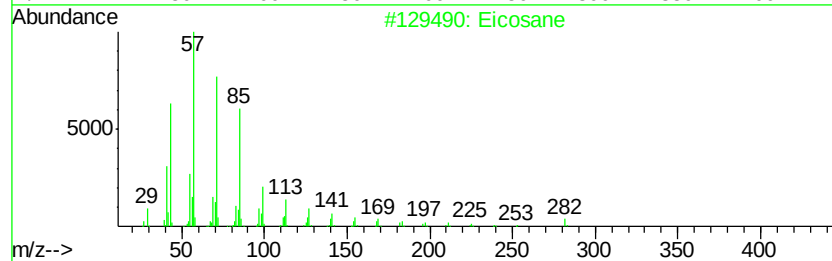
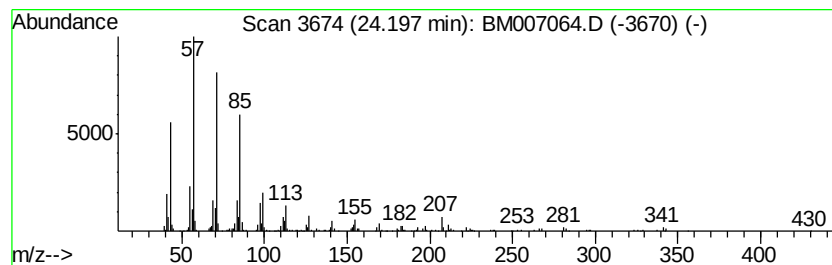
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	2.38 ng/ul	545283	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Eicosane	282	C20H42	000112-95-8	93
3		Heptacosane	380	C27H56	000593-49-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007064.D
Acq On : 13 Aug 2016 11:56
Operator : UM/SJ
Sample : H4389-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

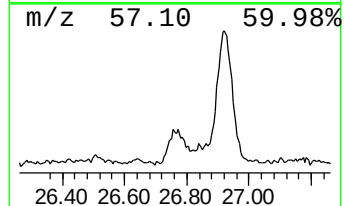
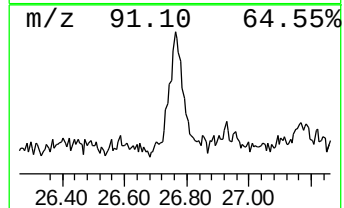
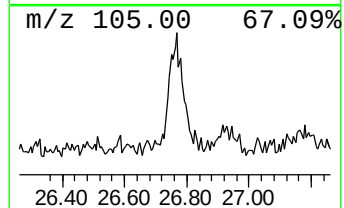
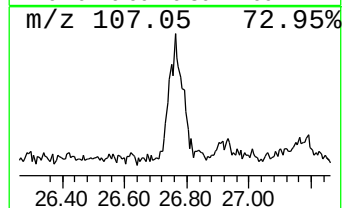
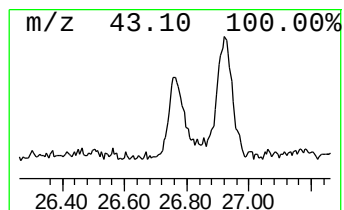
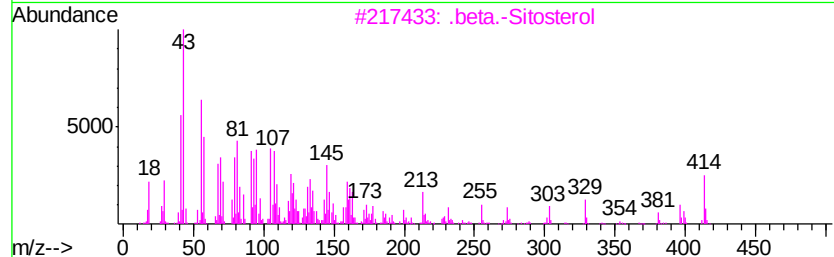
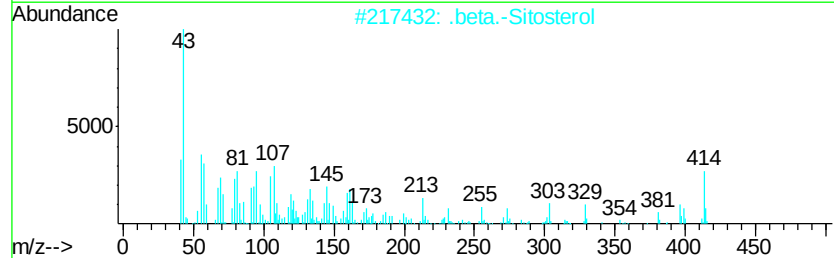
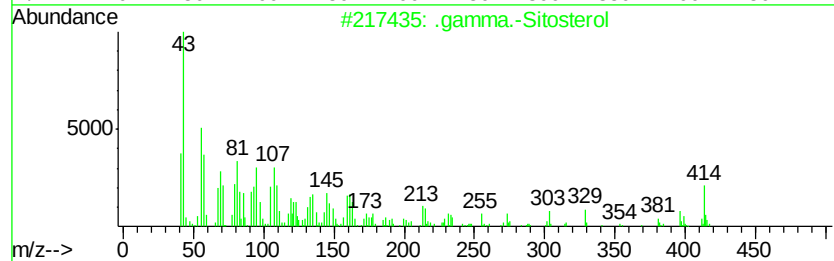
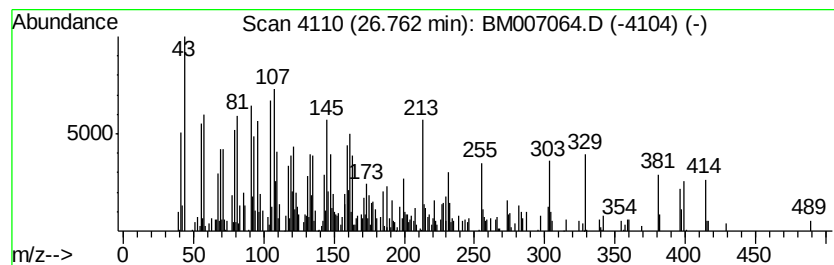
Instrument :
BNA_M
ClientSampleId :
PR002-SS006-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
26.76	2.46 ng/ul	562131	Perylene-d12	23.64		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol		414	C29H50O	000083-47-6	58
2	.beta.-Sitosterol		414	C29H50O	000083-46-5	50
3	.beta.-Sitosterol		414	C29H50O	000083-46-5	38
4	.gamma.-Sitosterol		414	C29H50O	000083-47-6	30
5	Cholest-5-ene, 3-ethoxy-, (3.bet...		414	C29H50O	000986-19-6	11



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007064.D
Acq On : 13 Aug 2016 11:56
Operator : UM/SJ
Sample : H4389-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PR002-SS006-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.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	18.08	3.0	ng/ul	492808	4	17.18	3330730	20.0
(DEL) Alkane: Cyc...	21.08	3.0	ng/ul	706424	5	21.36	4659280	20.0
Heptadecyl heptaf...	21.98	2.0	ng/ul	471894	5	21.36	4659280	20.0
(DEL) Alkane: Str...	22.96	2.2	ng/ul	511017	6	23.64	4572620	20.0
(DEL) Alkane: Str...	24.20	2.4	ng/ul	545283	6	23.64	4572620	20.0
.gamma.-Sitosterol	26.76	2.5	ng/ul	562131	6	23.64	4572620	20.0