

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050317\
 Data File : BM009877.D
 Acq On : 03 May 2017 16:42
 Operator : SJ/MA
 Sample : I2871-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YAB27

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-BM042517.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	6.993	657	664	673	rVB	231601	407006	18.02%	1.964%
2	7.140	682	689	698	rBV	162741	253845	11.24%	1.225%
3	7.340	717	723	730	rBV	221413	376328	16.67%	1.816%
4	7.804	796	802	812	rVB2	631887	1009499	44.71%	4.871%
5	8.522	917	924	933	rBV	255462	461236	20.43%	2.226%
6	8.975	994	1001	1011	rBV	219061	381954	16.92%	1.843%
7	9.692	1114	1123	1130	rBV2	181706	320498	14.19%	1.547%
8	10.239	1207	1216	1228	rBV3	249150	472712	20.93%	2.281%
9	10.604	1271	1278	1285	rVB	850206	1438066	63.69%	6.940%
10	10.757	1296	1304	1316	rBV2	112976	236515	10.47%	1.141%
11	13.298	1730	1736	1743	rBV2	40780	62139	2.75%	0.300%
12	13.863	1826	1832	1836	rBV	501644	673649	29.83%	3.251%
13	13.910	1836	1840	1847	rVB	158066	218669	9.68%	1.055%
14	14.151	1875	1881	1890	rBV	558036	813379	36.02%	3.925%
15	14.322	1906	1910	1917	rBV3	45159	72933	3.23%	0.352%
16	14.457	1926	1933	1941	rVB2	1261318	1952546	86.47%	9.422%
17	14.704	1970	1975	1986	rBV2	176118	361260	16.00%	1.743%
18	14.939	2010	2015	2021	rVB9	42381	81034	3.59%	0.391%
19	15.074	2033	2038	2044	rBV9	30777	69279	3.07%	0.334%
20	15.227	2058	2064	2068	rBV9	51050	106742	4.73%	0.515%
21	15.280	2069	2073	2078	rVB	121243	164738	7.30%	0.795%
22	15.451	2097	2102	2107	rBV	674618	959766	42.50%	4.631%
23	15.598	2123	2127	2131	rBV3	111212	156974	6.95%	0.757%
24	15.680	2137	2141	2150	rVB2	159960	257051	11.38%	1.240%
25	16.163	2215	2223	2229	rBV	541660	1006151	44.56%	4.855%
26	16.933	2350	2354	2357	rBV	183826	218917	9.69%	1.056%
27	16.980	2358	2362	2374	rVB	253000	466613	20.66%	2.252%
28	17.210	2396	2401	2406	rBV2	1611125	2258049	100.00%	10.896%
29	17.268	2406	2411	2414	rVV2	362739	573307	25.39%	2.767%
30	17.310	2414	2418	2425	rVB	771180	1076297	47.66%	5.194%
31	17.598	2462	2467	2470	rBV7	64925	139671	6.19%	0.674%
32	17.674	2476	2480	2484	rBV	201904	254840	11.29%	1.230%
33	18.362	2594	2597	2603	rBV2	153811	210100	9.30%	1.014%
34	18.998	2702	2705	2709	rBV3	247316	319324	14.14%	1.541%

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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 >
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35	19.604	2805	2808	2812	rVB2	652227	817250	36.19%	3.944%
36	21.398	3109	3113	3118	rBV	1645786	2074452	91.87%	10.010%

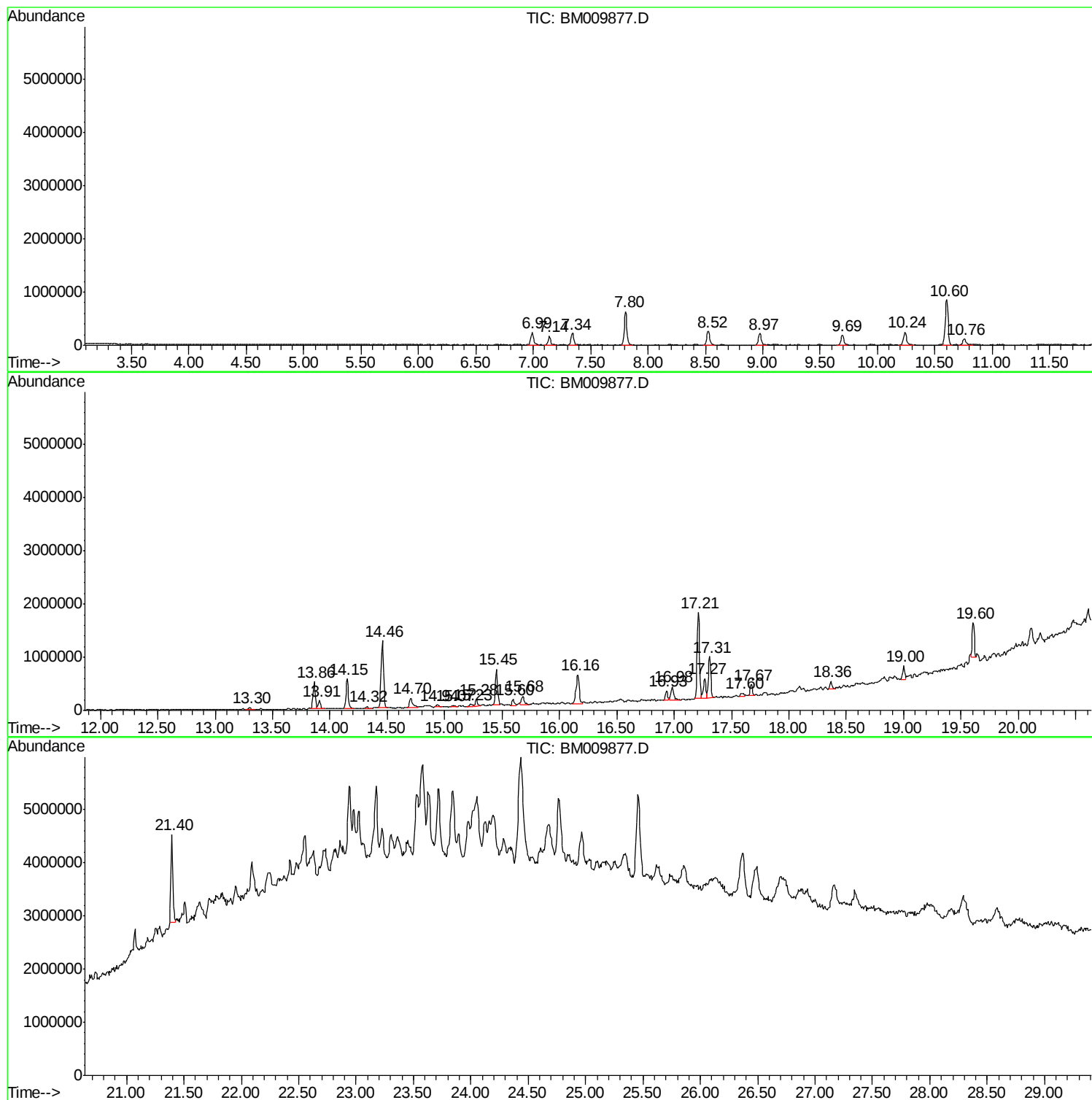
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
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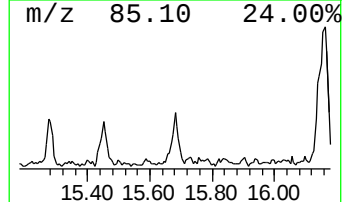
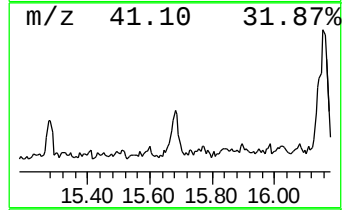
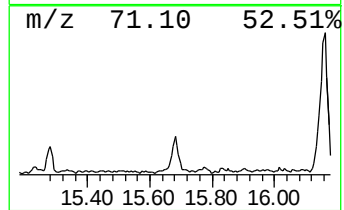
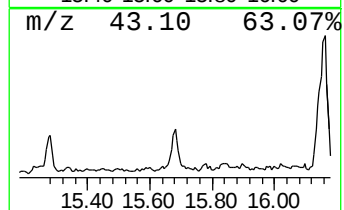
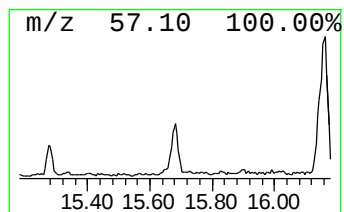
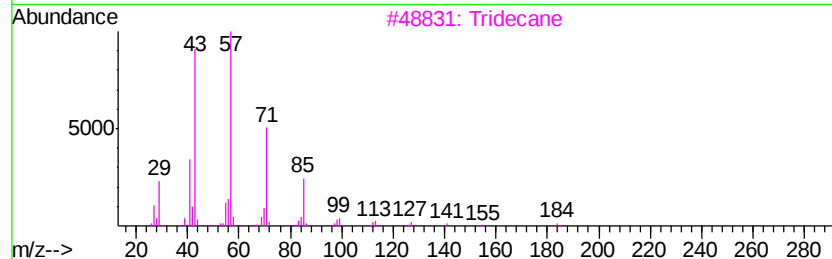
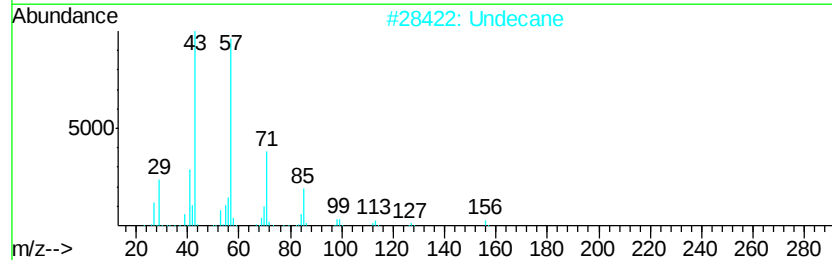
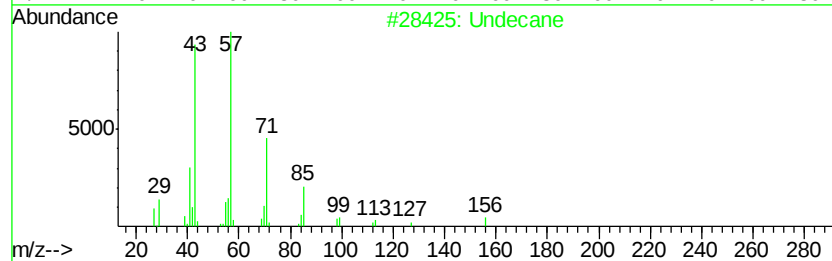
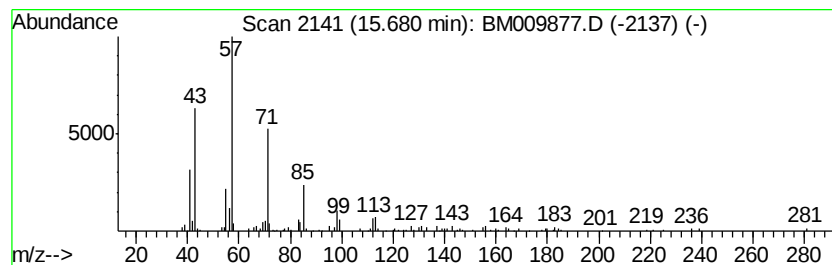
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	2.63 ng/ul	257051	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	80
2	Undecane			156	C11H24	001120-21-4	80
3	Tridecane			184	C13H28	000629-50-5	74
4	Hexadecane			226	C16H34	000544-76-3	72
5	Decane, 6-ethyl-2-methyl-			184	C13H28	062108-21-8	64



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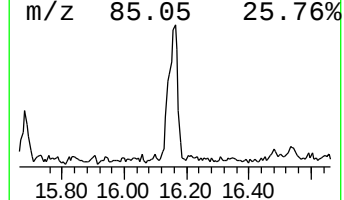
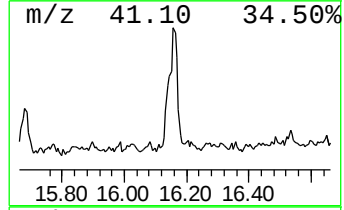
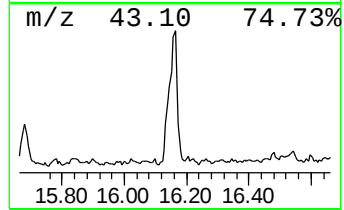
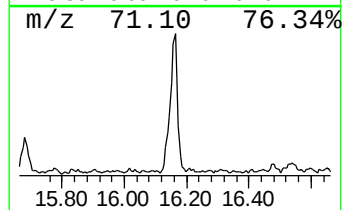
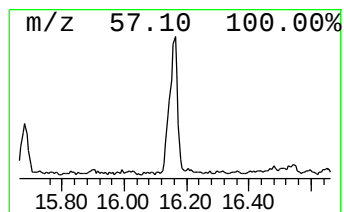
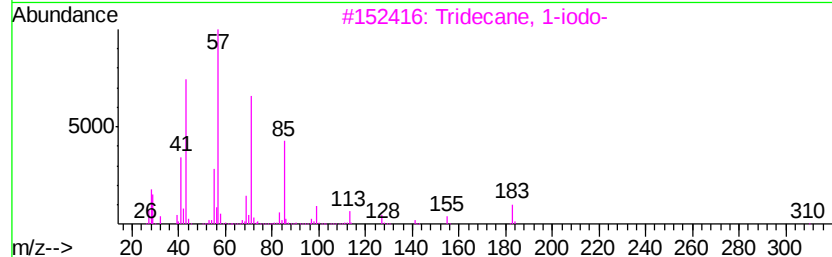
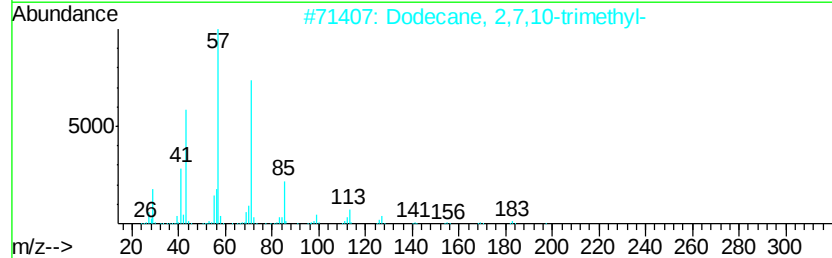
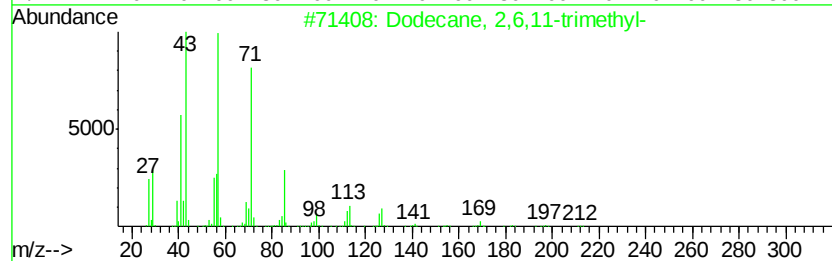
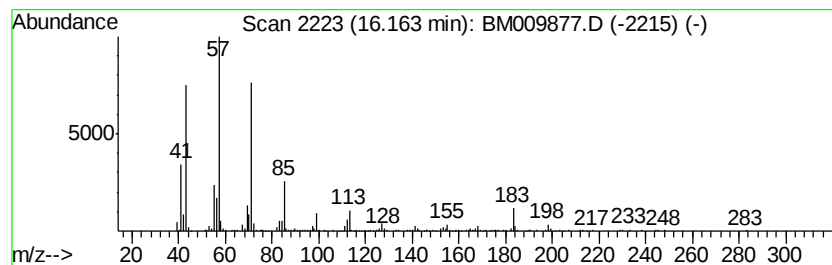
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	8.91 ng/ul	1006150	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	89
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
4		Tridecane, 3-ethyl-	212	C15H32	013286-73-2	72
5		Tetradecane	198	C14H30	000629-59-4	64



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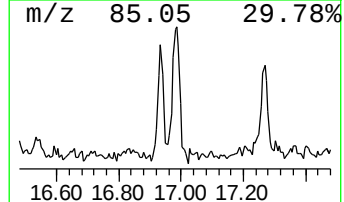
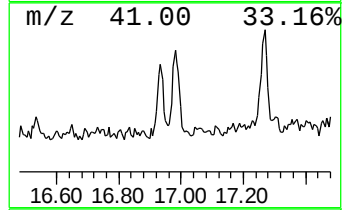
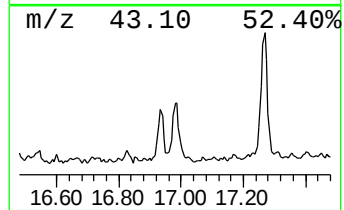
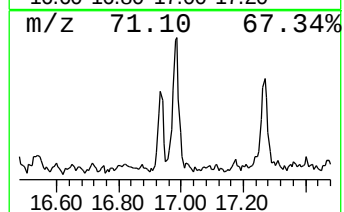
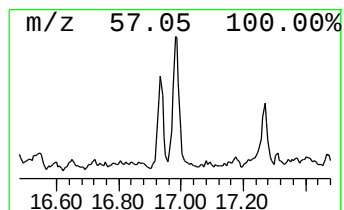
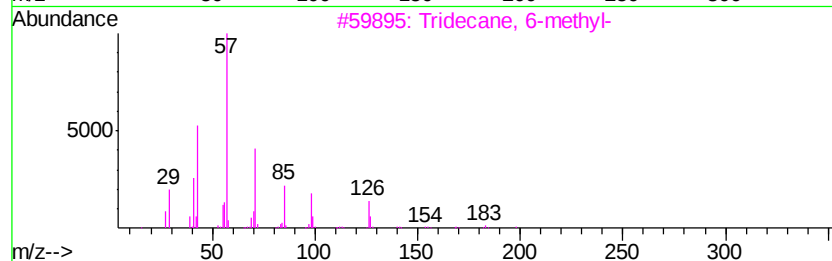
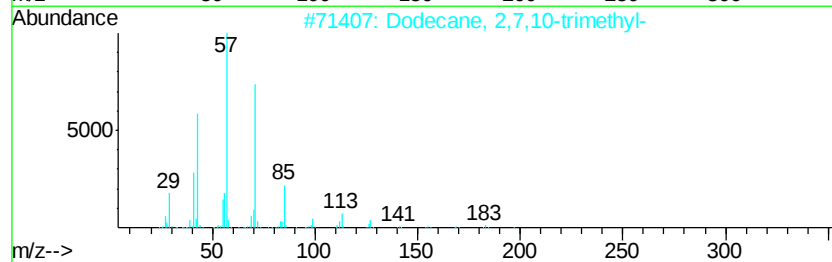
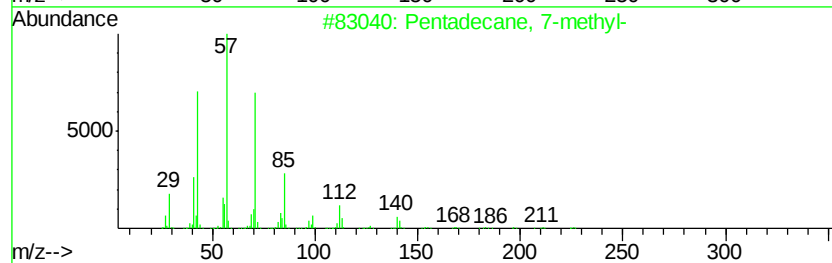
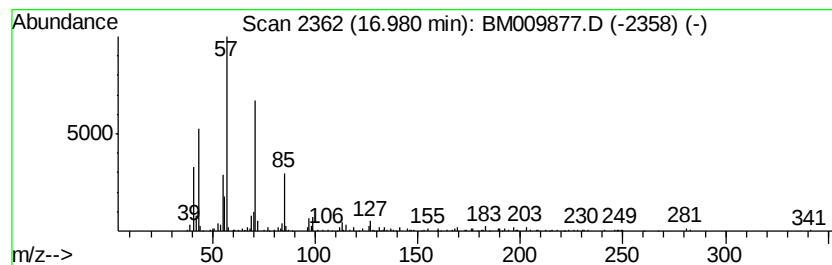
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	4.13 ng/ul	466613	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	83
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	80
4		Triacontane	422	C30H62	000638-68-6	78
5		Hexadecane	226	C16H34	000544-76-3	78



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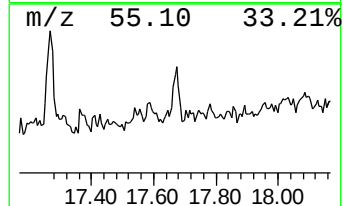
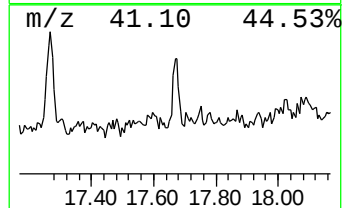
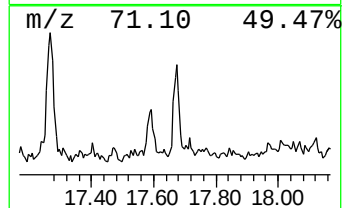
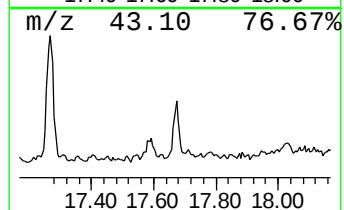
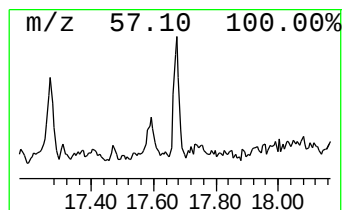
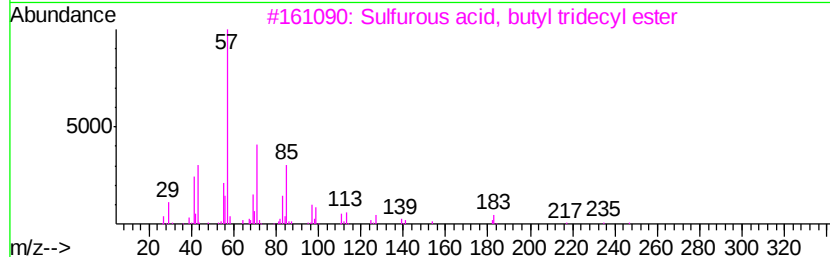
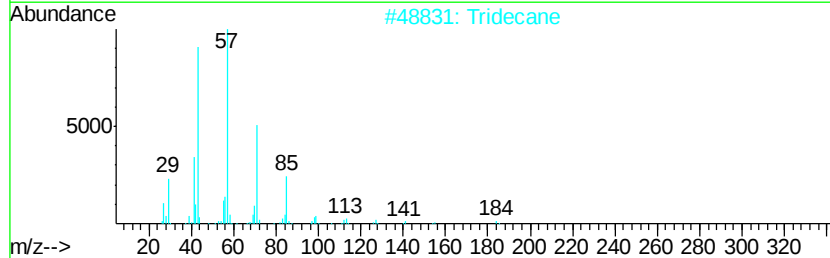
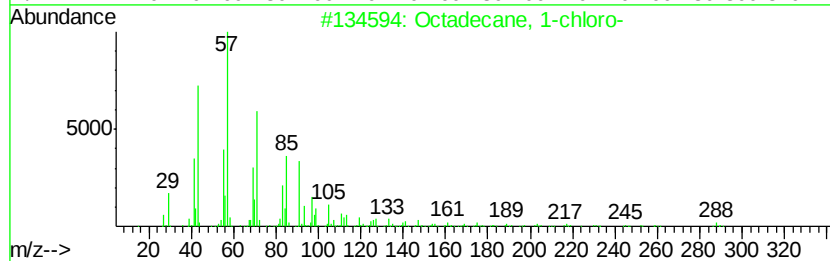
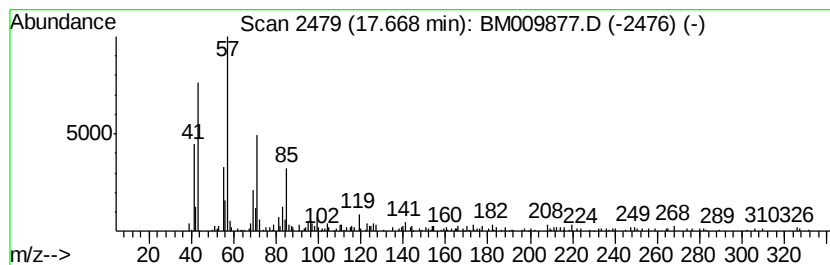
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Octadecane, 1-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	2.26 ng/ul	254840	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	80
2		Tridecane	184	C13H28	000629-50-5	76
3		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	72
4		Hexadecane	226	C16H34	000544-76-3	64
5		Tridecane	184	C13H28	000629-50-5	64



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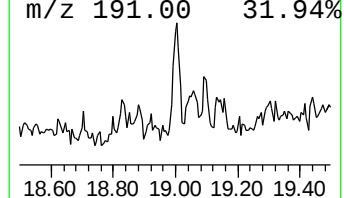
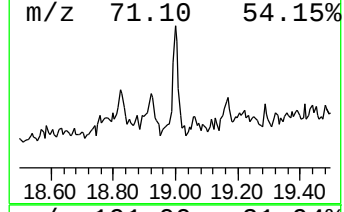
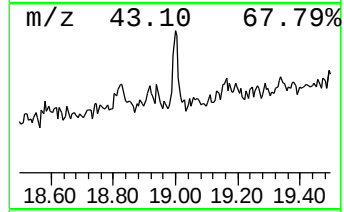
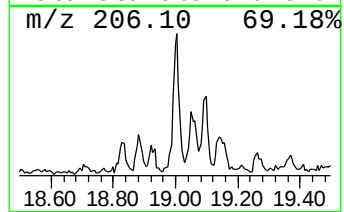
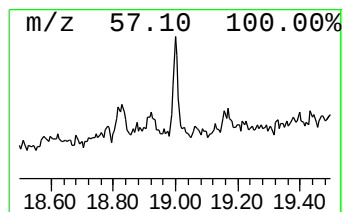
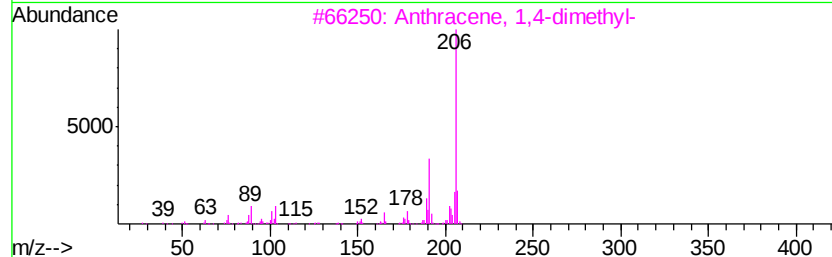
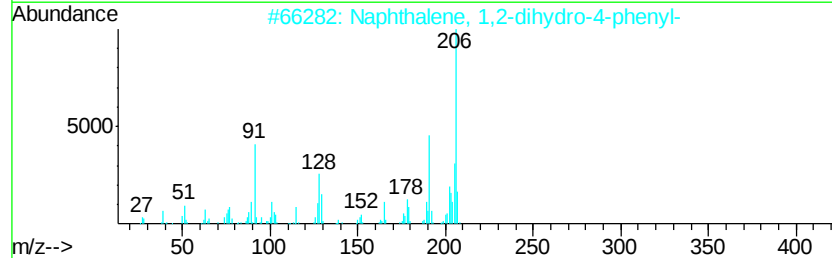
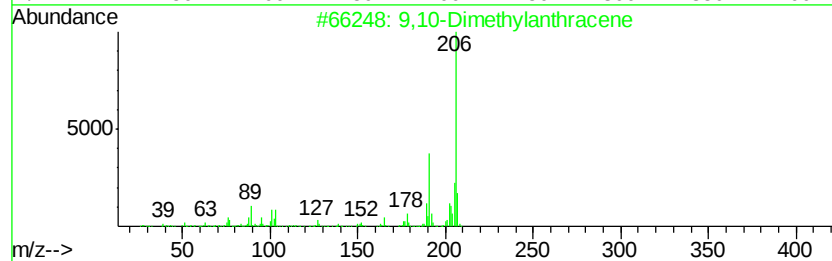
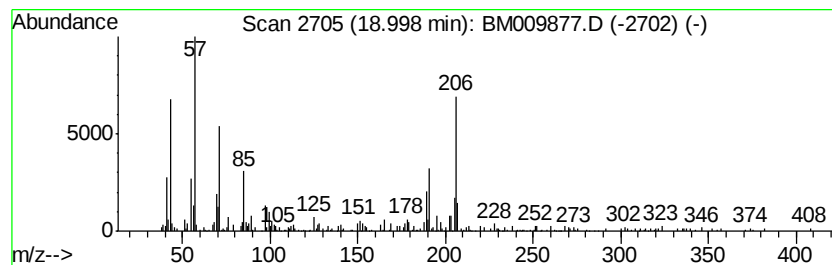
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Peak Number 5 9,10-Dimethylantracene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	2.83 ng/ul	319324	Phenanthrene-d10	17.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene		206	C16H14	000781-43-1	64
2	Naphthalene, 1,2-dihydro-4-phenyl-		206	C16H14	007469-40-1	50
3	Anthracene, 1,4-dimethyl-		206	C16H14	000781-92-0	50
4	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	49
5	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	49



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Instrument :
BNA_M
ClientSampleId :
YAB27

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.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
(DEL) Alkane: Str...	15.68	2.6	ng/ul	257051	3	14.46	1952550	20.0
(DEL) Alkane: Str...	16.16	8.9	ng/ul	1006150	4	17.21	2258050	20.0
(DEL) Alkane: Str...	16.98	4.1	ng/ul	466613	4	17.21	2258050	20.0
Octadecane, 1-chl...	17.67	2.3	ng/ul	254840	4	17.21	2258050	20.0
9,10-Dimethylanth...	19.00	2.8	ng/ul	319324	4	17.21	2258050	20.0