

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111416\
 Data File : BM007874.D
 Acq On : 15 Nov 2016 02:29
 Operator : UM/SJ
 Sample : H5610-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD4M2

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-BM102016.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	2.634	5	8	18	rVB4	44093	83620	1.90%	0.152%
2	2.987	65	68	77	rVB2	41694	61109	1.39%	0.111%
3	3.281	114	118	122	rBV	37759	49810	1.13%	0.091%
4	3.781	199	203	210	rVB	43430	61597	1.40%	0.112%
5	4.704	356	360	367	rBV2	30103	46040	1.05%	0.084%
6	4.898	388	393	399	rBV2	81348	129051	2.93%	0.235%
7	5.404	474	479	493	rVB	43260	96325	2.19%	0.175%
8	5.704	526	530	535	rVV2	28029	46003	1.04%	0.084%
9	5.769	535	541	547	rVB3	86121	144482	3.28%	0.263%
10	6.016	577	583	590	rBV8	24717	52412	1.19%	0.095%
11	6.234	613	620	626	rBV6	37166	97459	2.21%	0.178%
12	6.292	626	630	635	rVB	67556	91465	2.08%	0.167%
13	6.375	635	644	647	rBV3	43195	97557	2.22%	0.178%
14	6.628	681	687	693	rVB5	19336	49021	1.11%	0.089%
15	6.722	693	703	709	rBV3	39329	70965	1.61%	0.129%
16	6.910	724	735	749	rVB2	630835	1314718	29.85%	2.395%
17	7.075	755	763	773	rBV	568903	943868	21.43%	1.719%
18	7.269	790	796	805	rVV	709444	1160509	26.35%	2.114%
19	7.345	805	809	812	rVV2	47806	69215	1.57%	0.126%
20	7.381	812	815	821	rVB	58462	84271	1.91%	0.154%
21	7.628	849	857	863	rBV6	22765	55516	1.26%	0.101%
22	7.734	863	875	883	rBV	765711	1373406	31.18%	2.502%
23	7.845	889	894	901	rBV4	27879	69665	1.58%	0.127%
24	8.363	978	982	989	rBV5	28377	64886	1.47%	0.118%
25	8.439	989	995	1005	rVV	593194	1024152	23.25%	1.866%
26	8.557	1008	1015	1024	rVB2	36091	97358	2.21%	0.177%
27	8.892	1065	1072	1078	rBV	678110	1194194	27.11%	2.175%
28	8.939	1078	1080	1085	rVB	64076	79873	1.81%	0.146%
29	9.604	1185	1193	1204	rBV	559531	1005372	22.83%	1.831%
30	10.139	1278	1284	1299	rBV	756044	1395408	31.68%	2.542%
31	10.510	1336	1347	1353	rBV	1024630	1832853	41.62%	3.339%
32	10.563	1353	1356	1362	rVV	70267	112319	2.55%	0.205%
33	10.663	1362	1373	1390	rVV	511569	1039376	23.60%	1.893%
34	11.522	1514	1519	1524	rBV2	35903	57059	1.30%	0.104%

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35	11.927	1584	1588	1596	rBV	46231	77202	1.75%	0.141%
36	12.180	1625	1631	1639	rVB	123733	206984	4.70%	0.377%
37	12.398	1658	1668	1676	rBV	107456	182608	4.15%	0.333%
38	12.886	1745	1751	1759	rVB4	25381	45177	1.03%	0.082%
39	13.180	1794	1801	1809	rBV3	63308	110028	2.50%	0.200%
40	13.527	1853	1860	1861	rBV	43843	54876	1.25%	0.100%
41	13.686	1881	1887	1892	rBV	92714	170810	3.88%	0.311%
42	13.739	1892	1896	1898	rVV	84059	114467	2.60%	0.209%
43	13.780	1898	1903	1907	rVV	1647851	2314345	52.55%	4.216%
44	13.827	1907	1911	1918	rVB	947229	1378869	31.31%	2.512%
45	13.921	1923	1927	1931	rBV	54431	82426	1.87%	0.150%
46	14.057	1939	1950	1963	rBV	1740503	2682450	60.91%	4.887%
47	14.263	1979	1985	1990	rBV	85947	111022	2.52%	0.202%
48	14.368	1990	2003	2009	rBV	1619222	2361764	53.63%	4.302%
49	14.592	2032	2041	2052	rBV	356301	790143	17.94%	1.439%
50	14.768	2066	2071	2078	rBV2	77928	145971	3.31%	0.266%
51	14.845	2078	2084	2087	rVV2	35843	61960	1.41%	0.113%
52	14.886	2087	2091	2099	rVB7	27525	56495	1.28%	0.103%
53	14.986	2104	2108	2114	rVB2	39513	62926	1.43%	0.115%
54	15.045	2114	2118	2122	rBV	36965	49841	1.13%	0.091%
55	15.157	2130	2137	2141	rBV5	62525	135196	3.07%	0.246%
56	15.215	2141	2147	2151	rVB2	147427	209215	4.75%	0.381%
57	15.362	2165	2172	2177	rBV	2403605	3442673	78.17%	6.272%
58	15.410	2177	2180	2185	rVB	96254	141549	3.21%	0.258%
59	15.504	2190	2196	2206	rVV	489354	757571	17.20%	1.380%
60	15.621	2209	2216	2222	rVB4	67493	143765	3.26%	0.262%
61	15.715	2227	2232	2238	rVB2	59029	98649	2.24%	0.180%
62	15.862	2254	2257	2264	rVB	55062	97656	2.22%	0.178%
63	16.080	2288	2294	2295	rBV	192689	246780	5.60%	0.450%
64	16.098	2295	2297	2302	rVB2	208674	272485	6.19%	0.496%
65	16.421	2348	2352	2355	rBV6	28526	48263	1.10%	0.088%
66	16.657	2385	2392	2401	rBV7	101366	252684	5.74%	0.460%
67	16.868	2420	2428	2432	rVV2	176027	273616	6.21%	0.498%
68	16.921	2434	2437	2447	rVB5	56805	120343	2.73%	0.219%
69	17.115	2464	2470	2475	rBV	1927618	2708848	61.51%	4.935%
70	17.156	2475	2477	2481	rVV	127057	159376	3.62%	0.290%
71	17.215	2481	2487	2496	rVV2	2512023	3627422	82.36%	6.608%

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72	17.298	2496	2501	2507	rVV9	22186	44789	1.02%	0.082%
73	17.515	2533	2538	2543	rBV9	21576	56649	1.29%	0.103%
74	17.604	2549	2553	2558	rVB	136815	168142	3.82%	0.306%
75	18.009	2615	2622	2625	rBV2	224889	398799	9.05%	0.726%
76	18.039	2625	2627	2632	rVB2	124721	173619	3.94%	0.316%
77	18.180	2647	2651	2655	rBV	73828	103180	2.34%	0.188%
78	18.227	2656	2659	2663	rVB	63961	84502	1.92%	0.154%
79	18.298	2667	2671	2676	rBV	103700	143113	3.25%	0.261%
80	18.498	2702	2705	2711	rVB4	38027	60468	1.37%	0.110%
81	18.915	2771	2776	2777	rBV	108874	147395	3.35%	0.269%
82	19.009	2788	2792	2794	rVB2	46680	57091	1.30%	0.104%
83	19.062	2796	2801	2805	rBV4	46417	102113	2.32%	0.186%
84	19.180	2818	2821	2827	rVB	91091	122257	2.78%	0.223%
85	19.286	2836	2839	2844	rBV4	81301	120443	2.73%	0.219%
86	19.515	2872	2878	2891	rBV	3085521	4404214	100.00%	8.023%
87	21.009	3129	3132	3142	rVB2	364163	548726	12.46%	1.000%
88	21.303	3177	3182	3187	rBV	2529740	3187739	72.38%	5.807%
89	23.409	3534	3540	3555	rVB2	2127312	4082515	92.70%	7.437%
90	23.556	3559	3565	3574	rVB	1499374	2940480	66.77%	5.357%

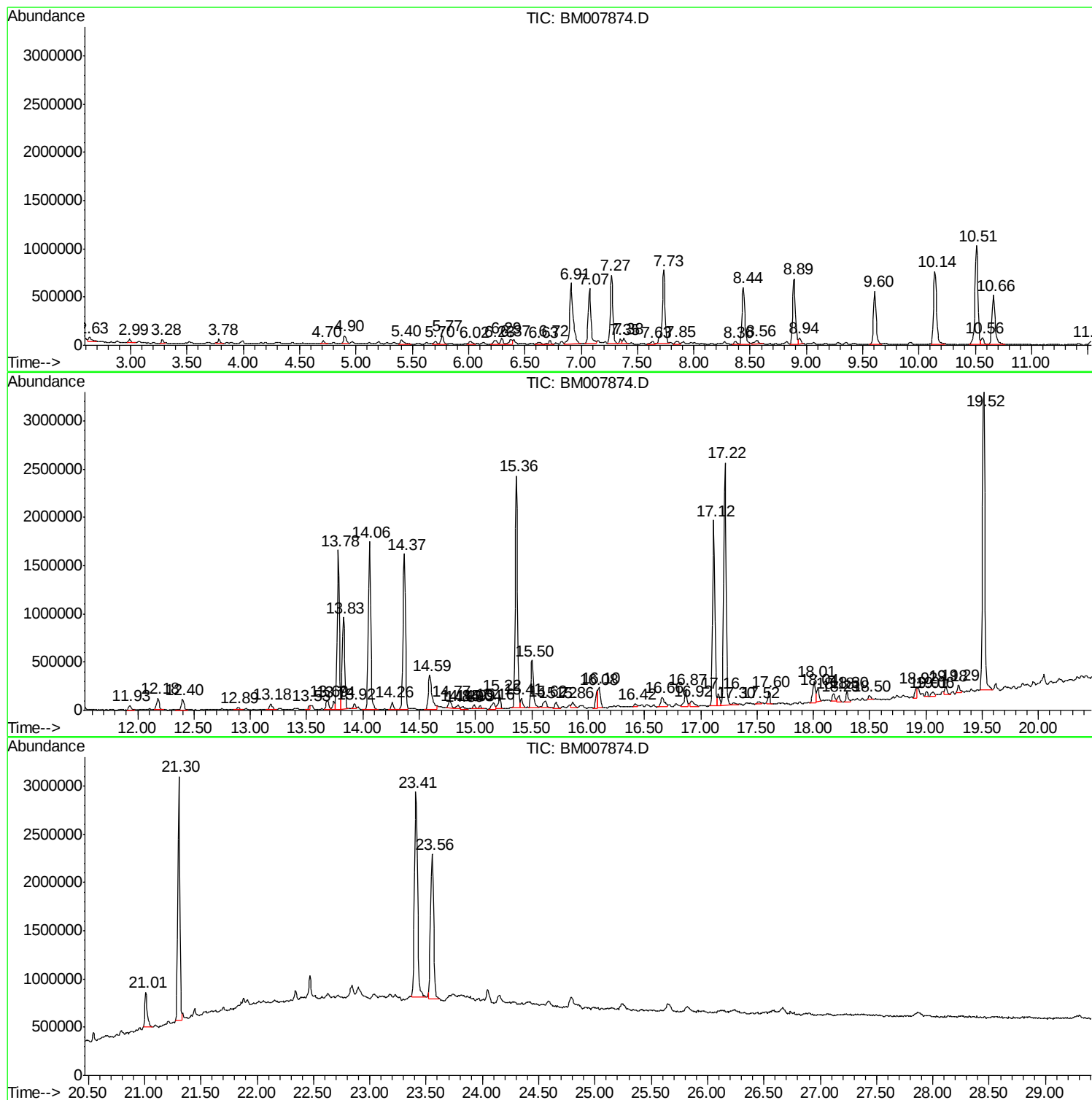
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BNA_M
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BD4M2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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



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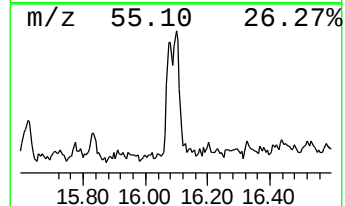
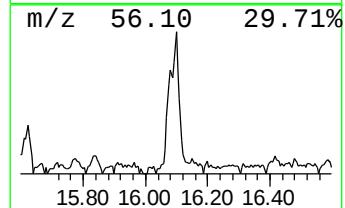
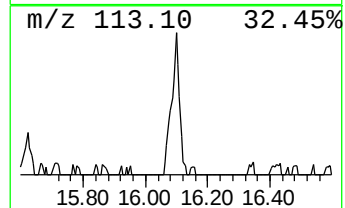
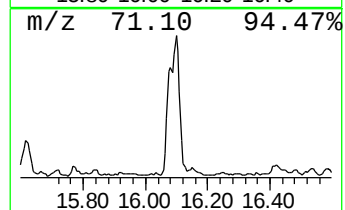
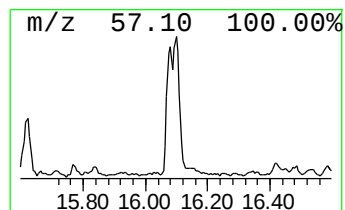
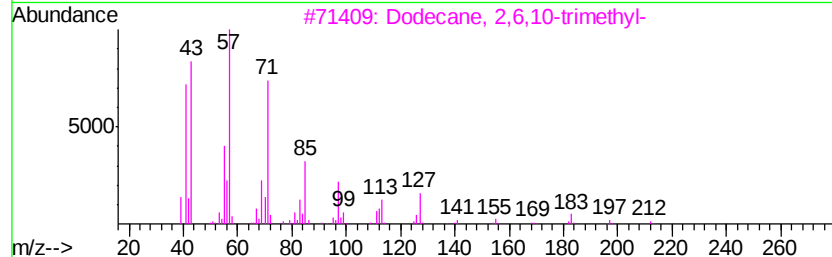
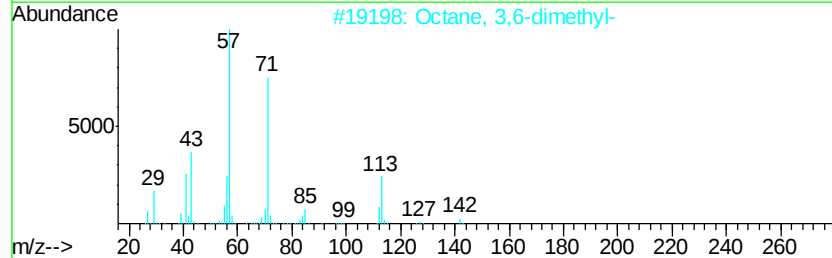
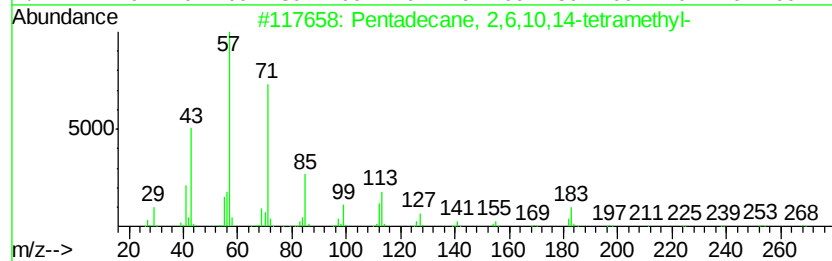
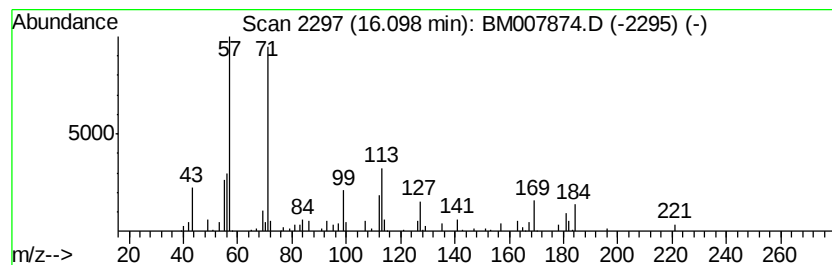
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	2.01 ng/ul	272485	Phenanthrene-d10	17.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	53
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	50
4		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	50
5		Octane, 2-iodo-	240	C8H17I	000557-36-8	47



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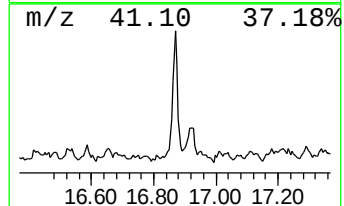
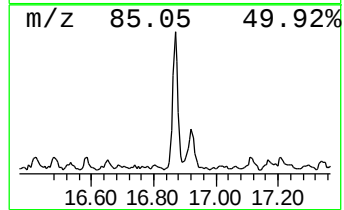
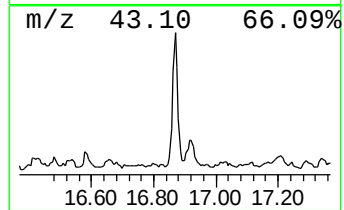
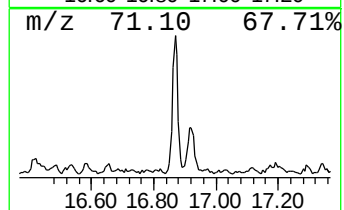
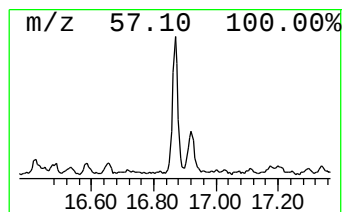
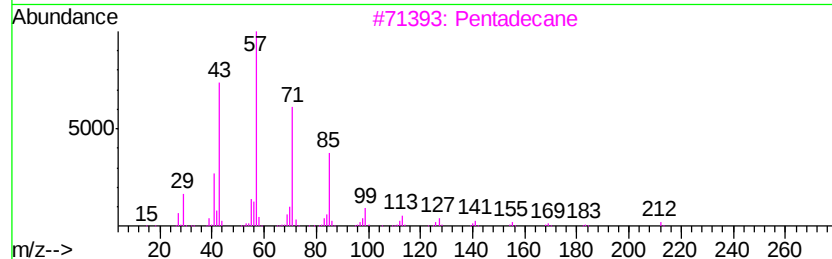
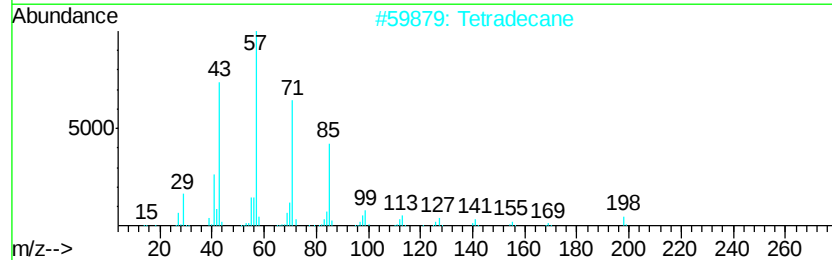
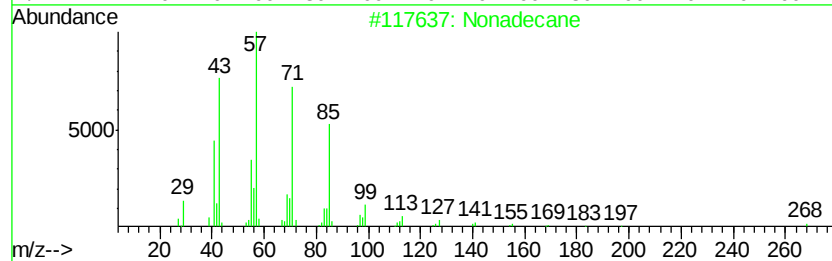
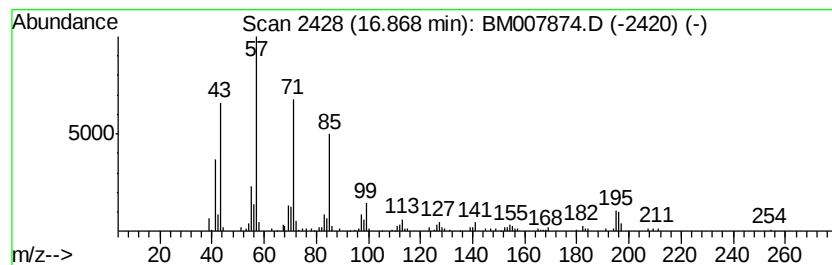
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	2.02 ng/ul	273616	Phenanthrene-d10	17.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	70
2		Tetradecane	198	C14H30	000629-59-4	68
3		Pentadecane	212	C15H32	000629-62-9	68
4		Heneicosane	296	C21H44	000629-94-7	68
5		Heptadecane	240	C17H36	000629-78-7	68



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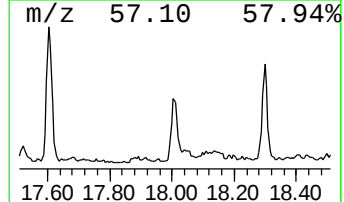
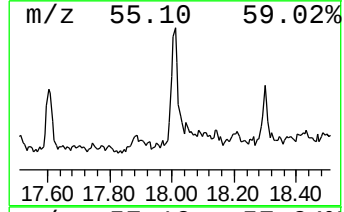
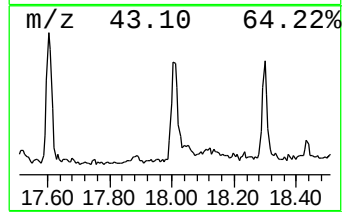
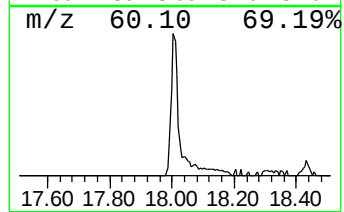
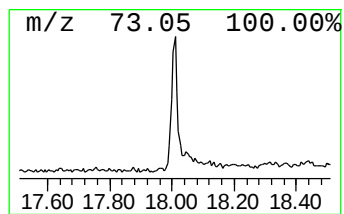
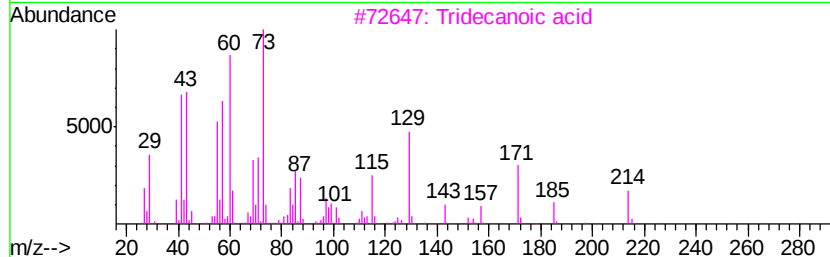
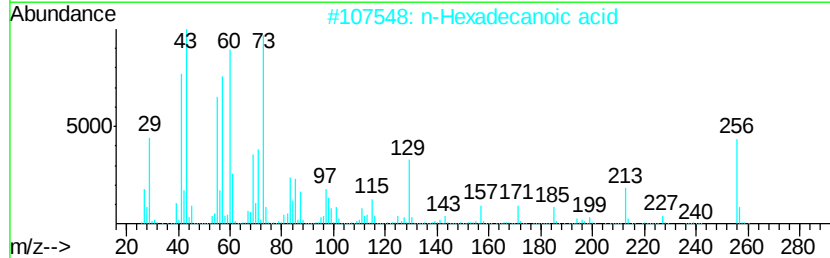
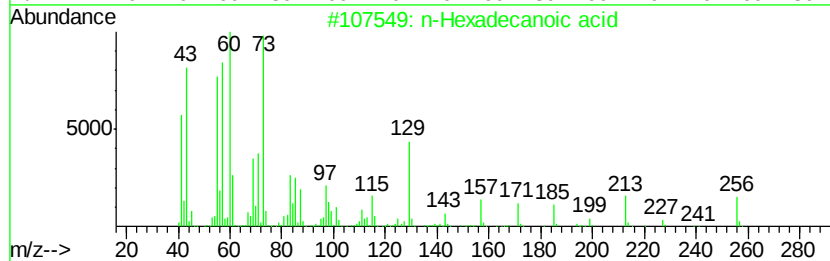
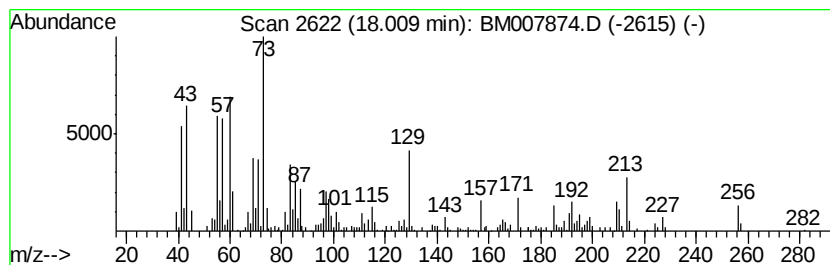
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	2.94 ng/ul	398799	Phenanthrene-d10	17.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3			Tridecanoic acid	214	C13H26O2	000638-53-9	86
4			Tridecanoic acid	214	C13H26O2	000638-53-9	86
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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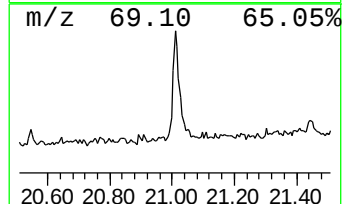
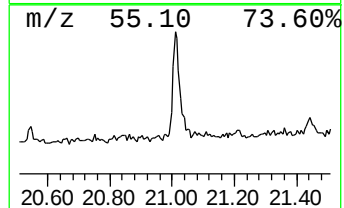
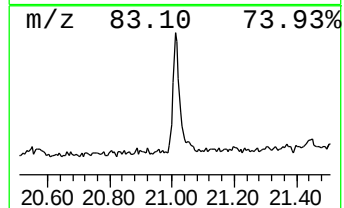
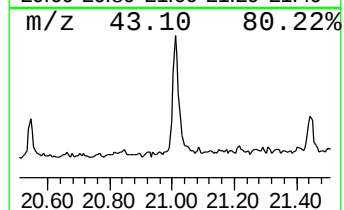
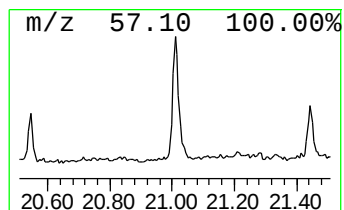
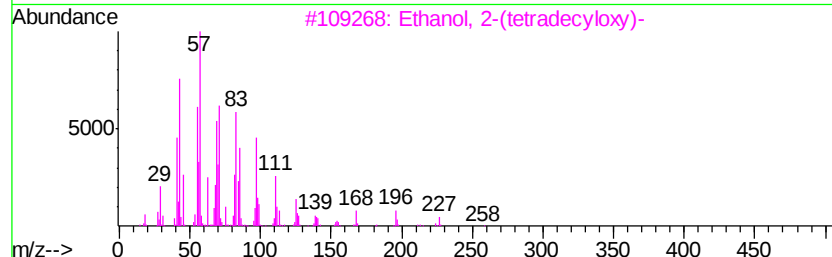
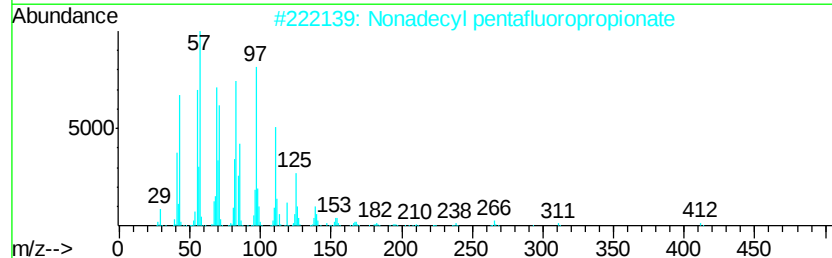
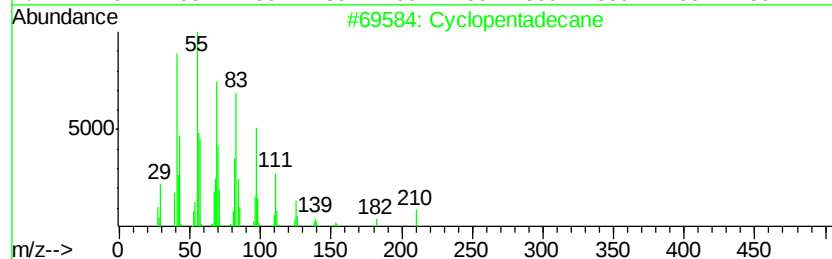
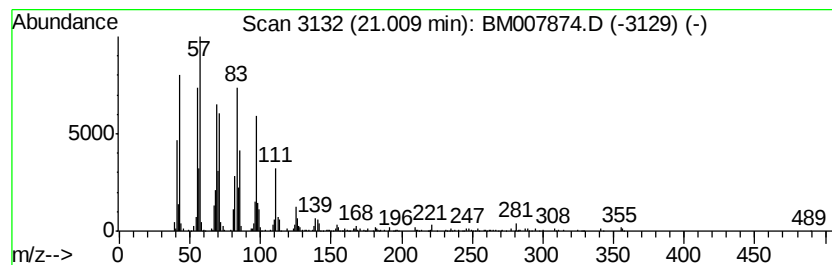
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic21.01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	3.44 ng/ul	548726	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	93
2		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4		1-Docosene	308	C22H44	001599-67-3	91
5		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111416\
Data File : BM007874.D
Acq On : 15 Nov 2016 02:29
Operator : UM/SJ
Sample : H5610-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD4M2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.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...	16.10	2.0	ng/ul	272485	4	17.12	2708850	20.0
(DEL) Alkane: Str...	16.87	2.0	ng/ul	273616	4	17.12	2708850	20.0
n-Hexadecanoic acid	18.01	2.9	ng/ul	398799	4	17.12	2708850	20.0
(DEL) Alkane: Cyc...	21.01	3.4	ng/ul	548726	5	21.30	3187740	20.0