

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
 Data File : BM022253.D
 Acq On : 23 Aug 2019 13:18
 Operator : HP/JU
 Sample : K4337-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF6

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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	3.722	119	125	130	rBV2	2796	5269	0.30%	0.031%
2	6.751	636	640	651	rBB3	31044	61210	3.51%	0.365%
3	6.916	663	668	680	rBV	113253	187219	10.73%	1.117%
4	7.098	693	699	708	rBB	144185	239806	13.74%	1.431%
5	7.557	772	777	785	rBB	139922	219689	12.59%	1.311%
6	7.916	833	838	844	rBB	36705	54119	3.10%	0.323%
7	8.275	894	899	913	rBB	104601	178123	10.21%	1.063%
8	8.728	970	976	987	rBV	180541	304526	17.45%	1.817%
9	9.439	1091	1097	1107	rBB	174118	285877	16.38%	1.706%
10	9.969	1181	1187	1208	rBB	197700	398673	22.85%	2.379%
11	10.334	1242	1249	1253	rBV	203687	337471	19.34%	2.013%
12	10.381	1253	1257	1266	rVB	165609	270413	15.50%	1.613%
13	10.510	1273	1279	1290	rBV3	18921	38358	2.20%	0.229%
14	11.457	1436	1440	1444	rBB	4150	6254	0.36%	0.037%
15	11.904	1510	1516	1518	rBV2	4347	6935	0.40%	0.041%
16	11.939	1518	1522	1525	rVB2	2773	4301	0.25%	0.026%
17	12.228	1561	1571	1580	rBB	95923	162640	9.32%	0.970%
18	13.257	1740	1746	1750	rBB	3971	5162	0.30%	0.031%
19	13.380	1762	1767	1772	rBB2	2584	5335	0.31%	0.032%
20	13.527	1787	1792	1796	rBB2	5395	8038	0.46%	0.048%
21	13.580	1797	1801	1804	rBV	2638	3119	0.18%	0.019%
22	13.639	1804	1811	1816	rVV	534470	711983	40.80%	4.248%
23	13.686	1816	1819	1825	rVB	61522	78322	4.49%	0.467%
24	13.763	1829	1832	1835	rBV	6271	7511	0.43%	0.045%
25	13.798	1835	1838	1842	rVB	3924	4695	0.27%	0.028%
26	13.904	1850	1856	1866	rBV	533856	811548	46.51%	4.842%
27	14.216	1902	1909	1914	rBV	345737	500114	28.66%	2.984%
28	14.280	1914	1920	1928	rVB	590884	811489	46.51%	4.842%
29	14.380	1932	1937	1943	rBB	7121	9750	0.56%	0.058%
30	14.498	1952	1957	1959	rBV2	16111	26900	1.54%	0.160%
31	14.621	1972	1978	1985	rVB	209576	296975	17.02%	1.772%
32	14.722	1992	1995	1999	rVB	2813	3536	0.20%	0.021%
33	15.216	2073	2079	2084	rBV	736130	1009795	57.87%	6.025%
34	15.274	2084	2089	2095	rVB2	329157	448884	25.73%	2.678%

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35	15.380	2102	2107	2113	rBV	254823	374312	21.45%	2.233%
36	15.433	2113	2116	2122	rVV4	19935	31742	1.82%	0.189%
37	15.486	2122	2125	2128	rVV2	4123	5682	0.33%	0.034%
38	15.521	2128	2131	2135	rVB	7682	9632	0.55%	0.057%
39	15.569	2135	2139	2145	rBV	19401	24416	1.40%	0.146%
40	15.721	2156	2165	2172	rBB3	21339	41299	2.37%	0.246%
41	15.804	2176	2179	2182	rBV2	3762	4381	0.25%	0.026%
42	15.974	2203	2208	2217	rVB5	15889	25145	1.44%	0.150%
43	16.068	2220	2224	2228	rBV	18288	22822	1.31%	0.136%
44	16.227	2248	2251	2254	rBV3	3967	4413	0.25%	0.026%
45	16.280	2254	2260	2265	rVV	8972	13864	0.79%	0.083%
46	16.327	2265	2268	2271	rVB2	3944	4139	0.24%	0.025%
47	16.427	2282	2285	2289	rVB	3113	4682	0.27%	0.028%
48	16.715	2328	2334	2338	rBV4	3092	5094	0.29%	0.030%
49	16.798	2338	2348	2353	rVB	19897	28789	1.65%	0.172%
50	16.886	2357	2363	2369	rBV	5768	11947	0.68%	0.071%
51	16.974	2372	2378	2383	rVV2	495049	681134	39.04%	4.064%
52	17.015	2383	2385	2390	rVV	61892	79253	4.54%	0.473%
53	17.080	2390	2396	2405	rVV	874528	1249820	71.63%	7.457%
54	17.168	2408	2411	2413	rVV2	5349	6896	0.40%	0.041%
55	17.192	2413	2415	2420	rVB2	4358	4951	0.28%	0.030%
56	17.357	2438	2443	2446	rBV	24582	34205	1.96%	0.204%
57	17.398	2446	2450	2456	rVB	99497	133456	7.65%	0.796%
58	17.498	2466	2467	2475	rVB5	4409	6921	0.40%	0.041%
59	17.580	2475	2481	2486	rBV5	4166	8080	0.46%	0.048%
60	17.639	2486	2491	2496	rBV4	4526	9954	0.57%	0.059%
61	17.710	2496	2503	2506	rVB4	3529	6433	0.37%	0.038%
62	17.839	2520	2525	2526	rBV3	4152	5386	0.31%	0.032%
63	17.874	2526	2531	2535	rBV	182675	235323	13.49%	1.404%
64	17.998	2546	2552	2556	rVB5	9442	16317	0.94%	0.097%
65	18.051	2556	2561	2566	rBV	39150	57524	3.30%	0.343%
66	18.157	2573	2579	2580	rBV4	6507	7888	0.45%	0.047%
67	18.215	2587	2589	2593	rVB2	9994	11477	0.66%	0.068%
68	18.257	2595	2596	2601	rVB4	4926	5557	0.32%	0.033%
69	18.310	2601	2605	2610	rBV3	10431	17035	0.98%	0.102%
70	18.368	2610	2615	2620	rVV4	5595	11369	0.65%	0.068%
71	18.421	2620	2624	2628	rVB4	3691	5111	0.29%	0.030%

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72	18.545	2643	2645	2648	rVB3	3572	3470	0.20%	0.021%
73	18.592	2650	2653	2657	rVB4	3864	4764	0.27%	0.028%
74	18.698	2669	2671	2674	rVB2	2739	3116	0.18%	0.019%
75	18.780	2680	2685	2686	rBV3	3159	4293	0.25%	0.026%
76	18.933	2708	2711	2714	rVB3	2571	3693	0.21%	0.022%
77	19.015	2721	2725	2726	rBV	24118	23199	1.33%	0.138%
78	19.045	2726	2730	2736	rVB	143128	191233	10.96%	1.141%
79	19.086	2736	2737	2740	rVB3	5295	4596	0.26%	0.027%
80	19.162	2746	2750	2761	rBV	142383	204120	11.70%	1.218%
81	19.262	2761	2767	2771	rBV3	10955	19555	1.12%	0.117%
82	19.386	2782	2788	2797	rBV	1270244	1744921	100.00%	10.411%
83	19.451	2797	2799	2802	rVB3	6147	5901	0.34%	0.035%
84	19.480	2802	2804	2806	rBV3	4072	3682	0.21%	0.022%
85	19.751	2843	2850	2854	rBV8	6309	15625	0.90%	0.093%
86	19.809	2856	2860	2863	rVV	22289	30359	1.74%	0.181%
87	19.839	2863	2865	2870	rVV3	12281	20086	1.15%	0.120%
88	19.915	2871	2878	2882	rVB3	21891	49358	2.83%	0.294%
89	20.015	2891	2895	2899	rBV	18420	24118	1.38%	0.144%
90	20.545	2983	2985	2990	rBV6	8549	11777	0.67%	0.070%
91	20.892	3040	3044	3053	rVB3	77121	111191	6.37%	0.663%
92	21.186	3088	3094	3098	rBV	751685	959832	55.01%	5.727%
93	21.221	3098	3100	3104	rVB	46796	50895	2.92%	0.304%
94	21.321	3115	3117	3124	rVB7	18870	28018	1.61%	0.167%
95	21.745	3186	3189	3193	rVB2	35540	35164	2.02%	0.210%
96	22.192	3262	3265	3270	rVB	60745	73908	4.24%	0.441%
97	22.680	3345	3348	3352	rVB	74349	92893	5.32%	0.554%
98	23.239	3436	3443	3450	rBV	786252	1482155	84.94%	8.843%
99	23.380	3461	3467	3473	rBV	424167	724319	41.51%	4.321%
100	23.839	3541	3545	3551	rVB2	73208	124330	7.13%	0.742%

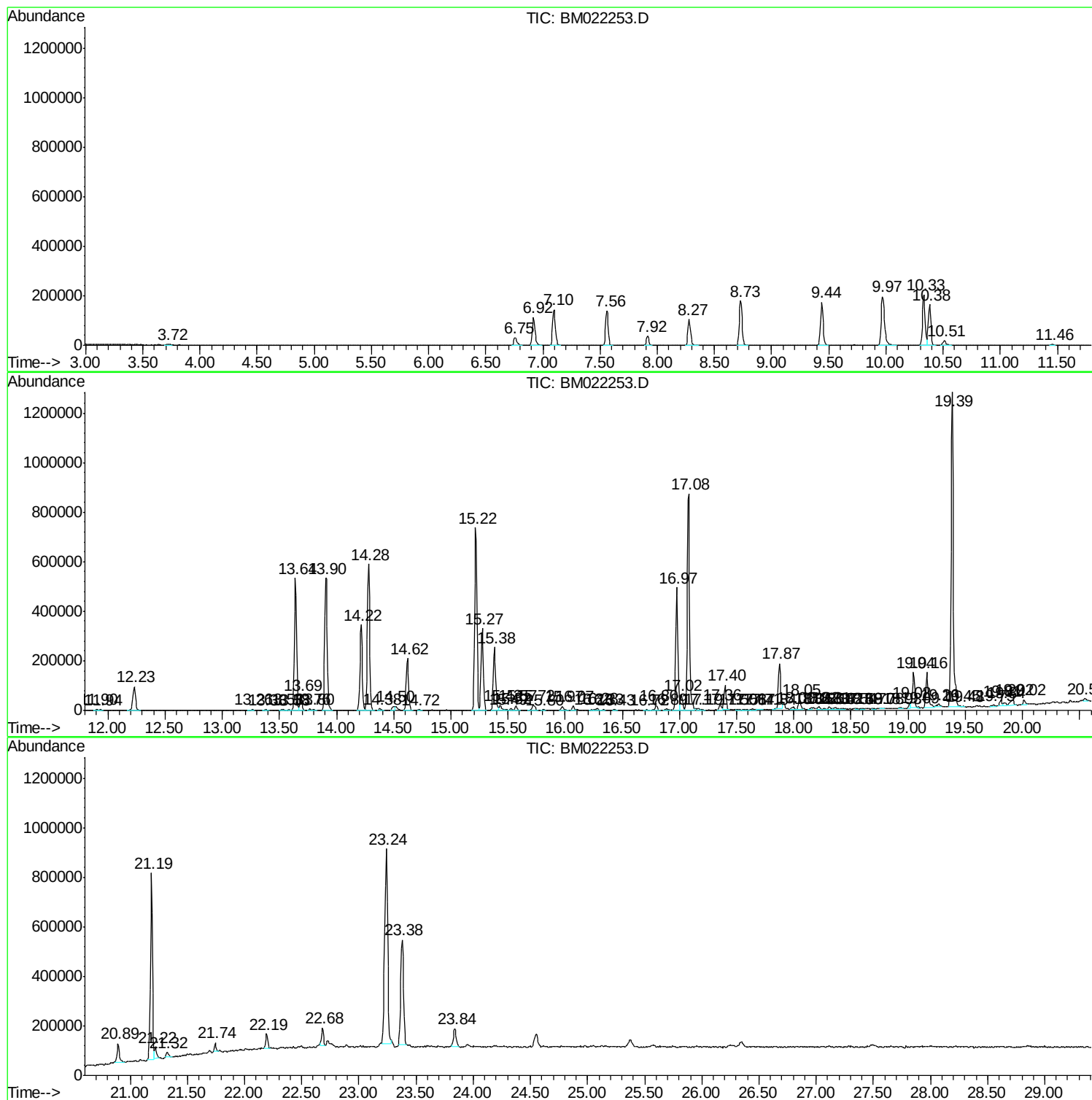
Sum of corrected areas: 16761059

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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



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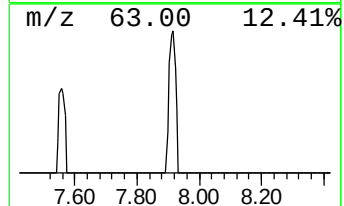
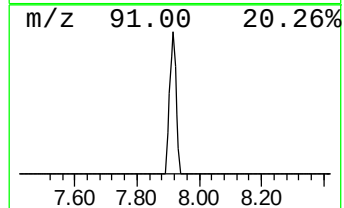
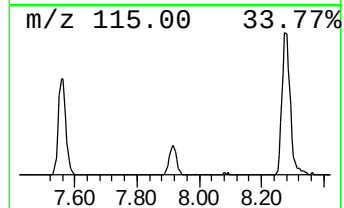
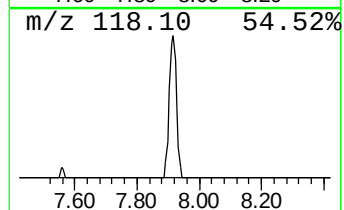
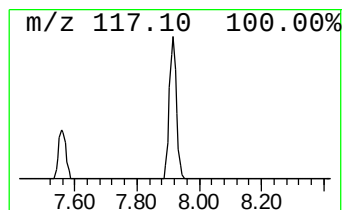
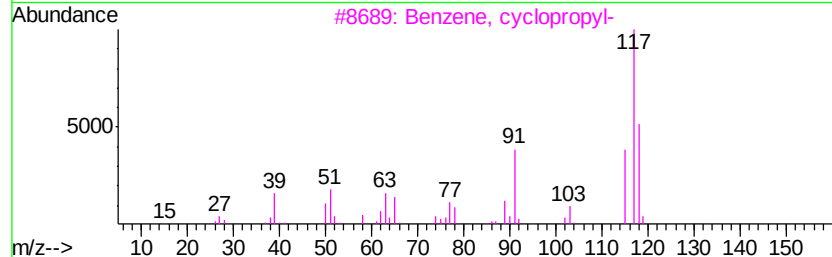
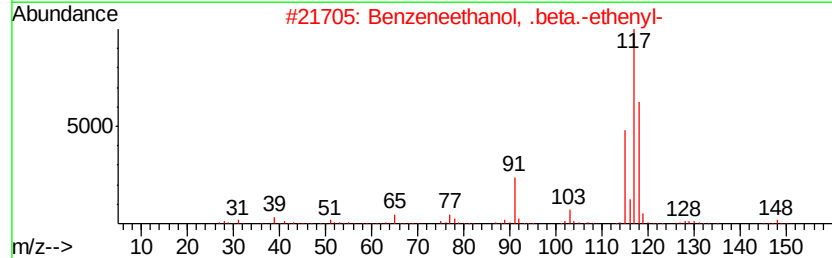
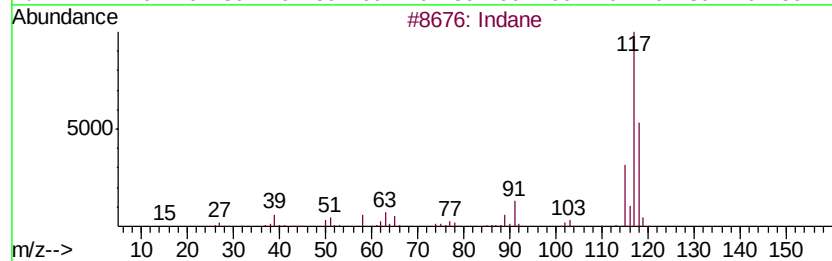
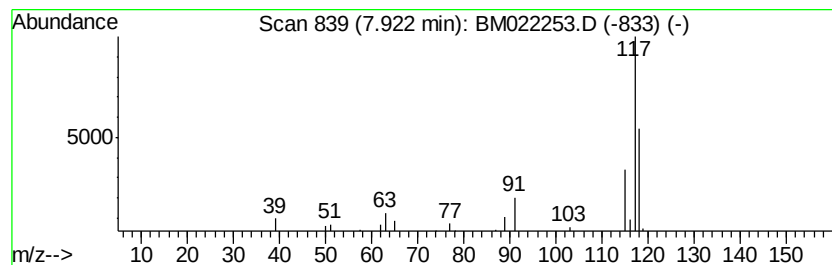
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	4.93 ng/ul	54119	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	90
2		Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	72
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5		1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	59



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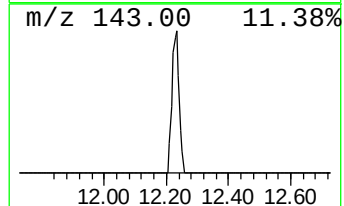
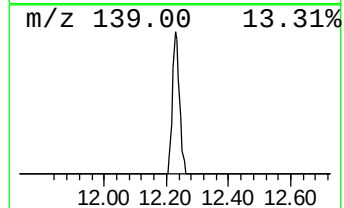
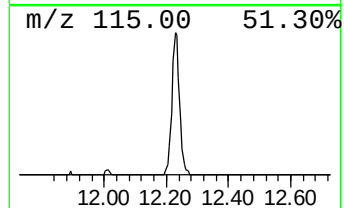
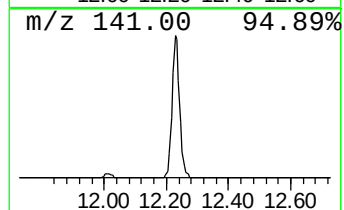
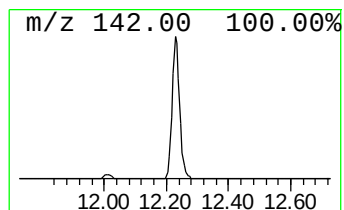
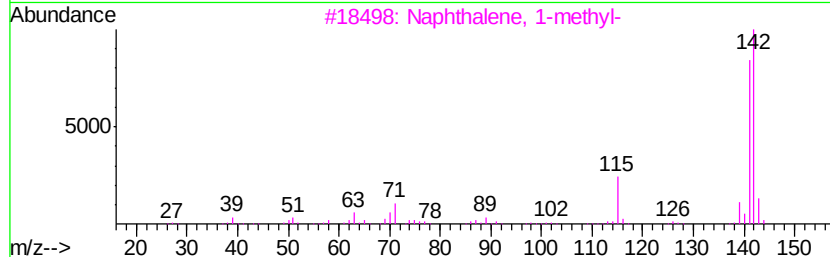
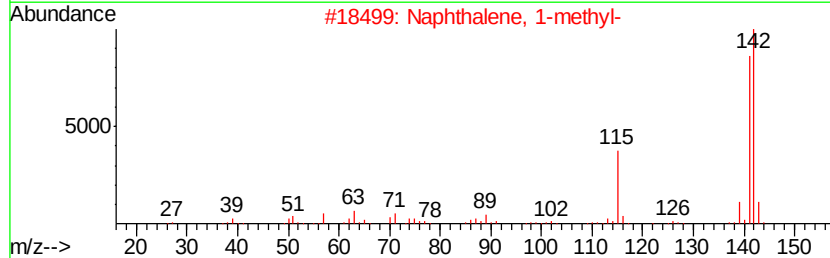
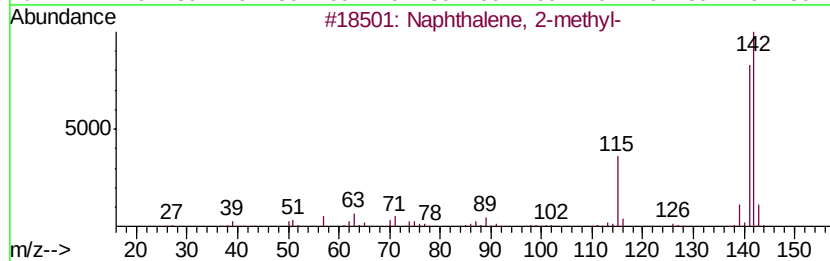
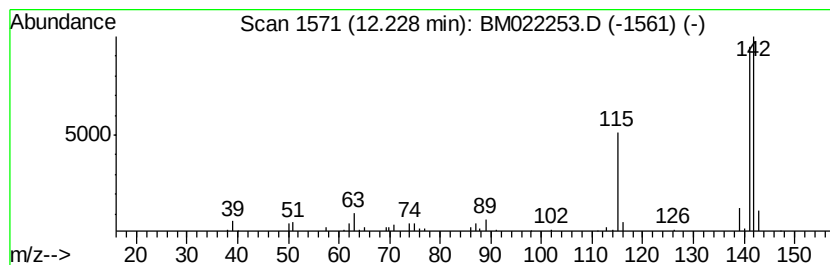
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	9.64 ng/ul	162640	Naphthalene-d8	10.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93



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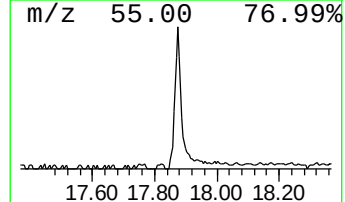
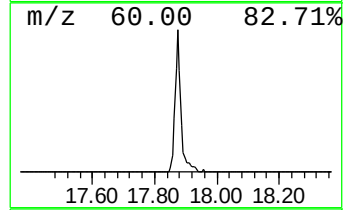
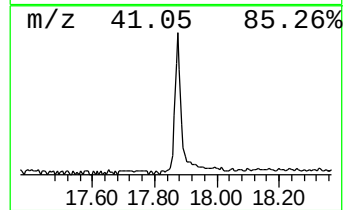
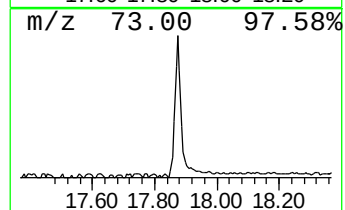
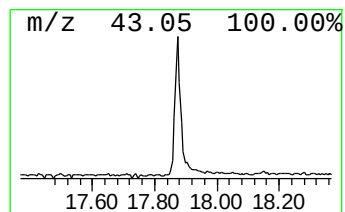
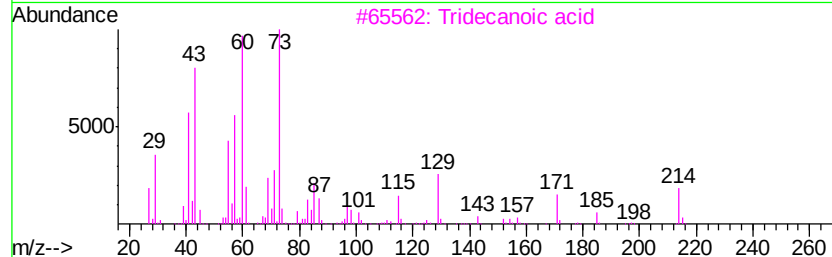
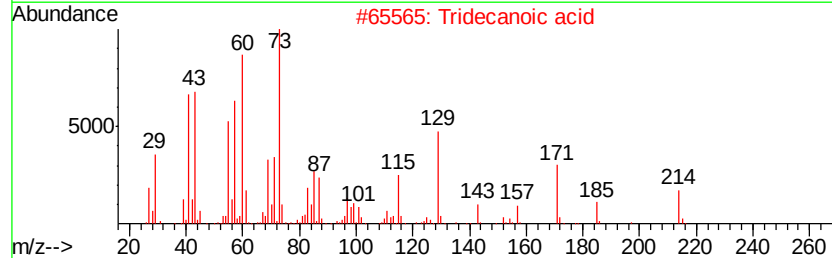
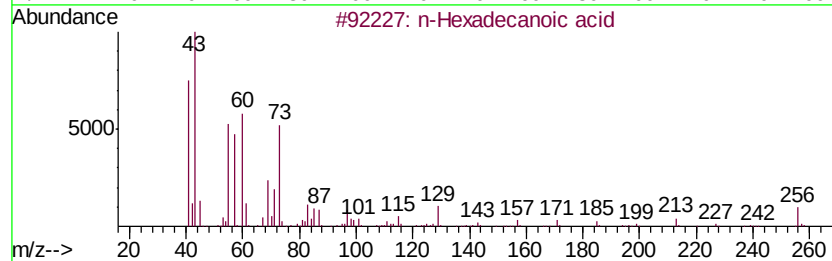
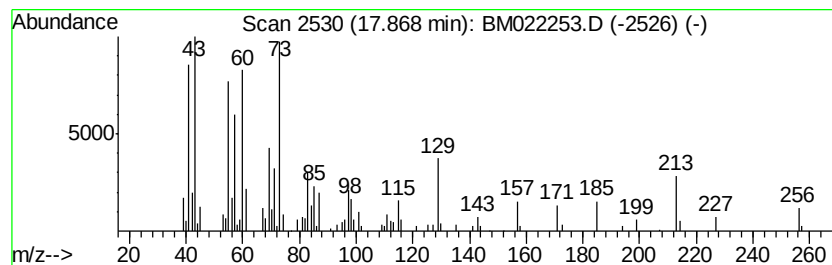
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	6.91 ng/ul	235323	Phenanthrene-d10	16.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	96
2	Tridecanoic acid	214 C13H26O2	000638-53-9	95
3	Tridecanoic acid	214 C13H26O2	000638-53-9	93
4	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	93
5	Tridecanoic acid	214 C13H26O2	000638-53-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022253.D
Acq On : 23 Aug 2019 13:18
Operator : HP/JU
Sample : K4337-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF6

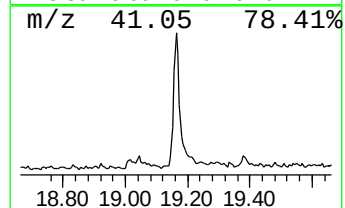
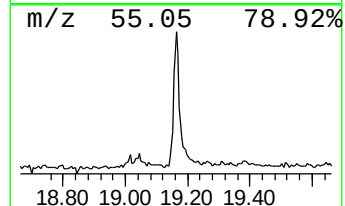
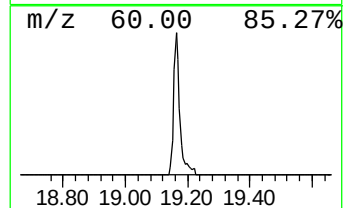
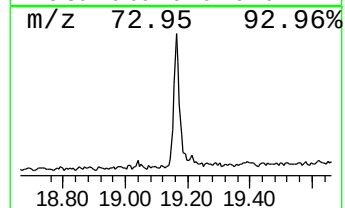
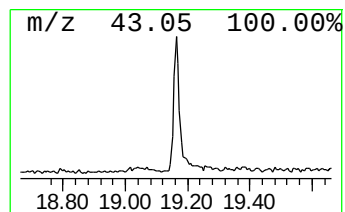
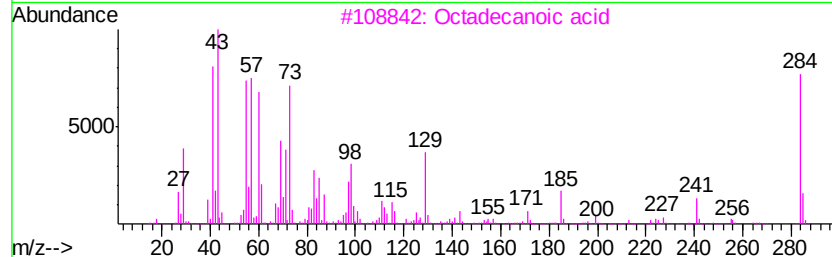
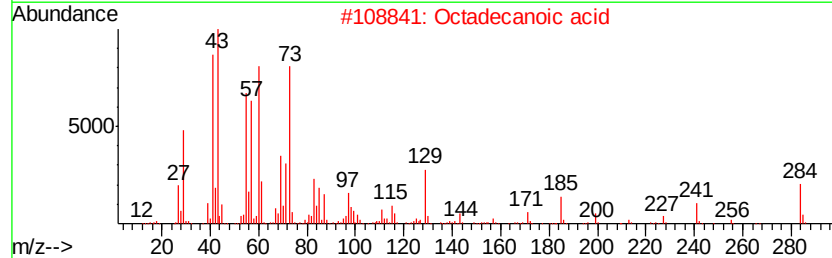
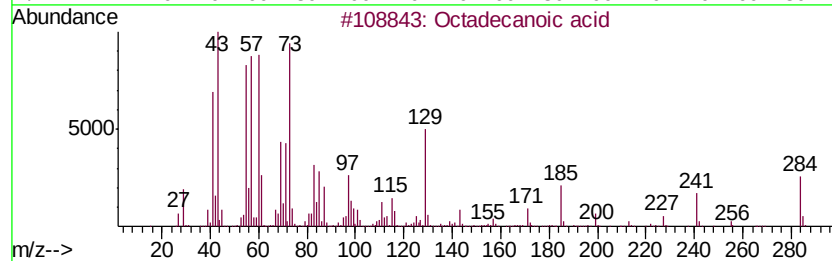
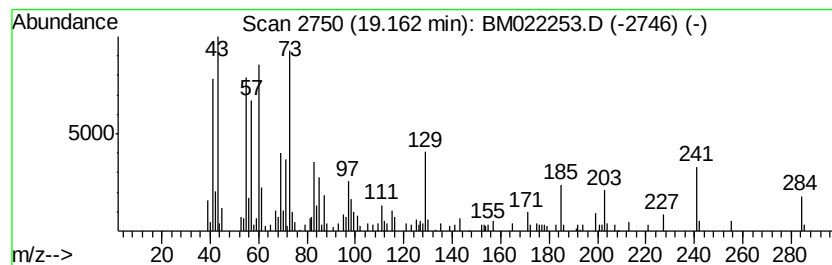
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	4.25 ng/ul	204120	Chrysene-d12	21.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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, 2-(2-hydroxye...		372	C22H44O4	000106-11-6	72
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022253.D
Acq On : 23 Aug 2019 13:18
Operator : HP/JU
Sample : K4337-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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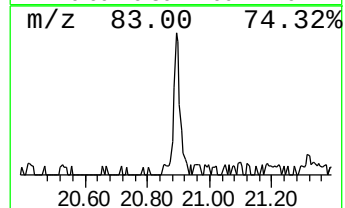
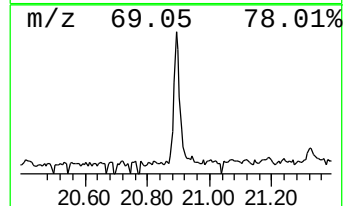
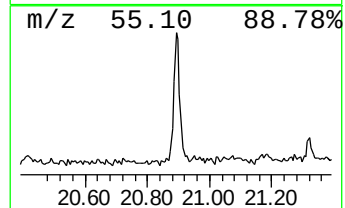
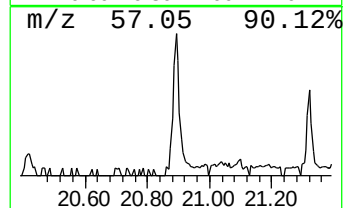
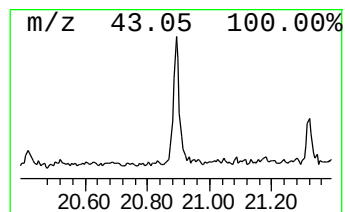
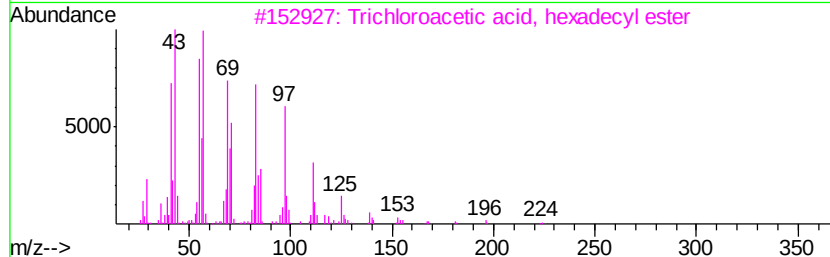
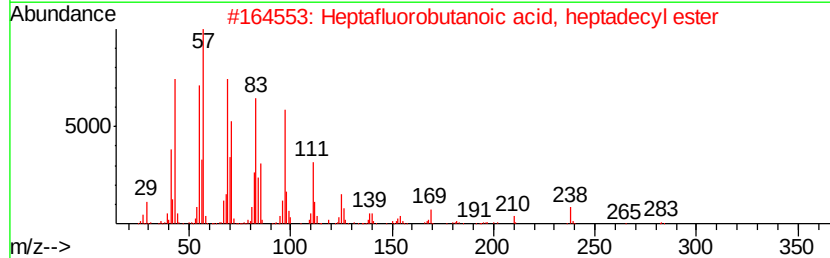
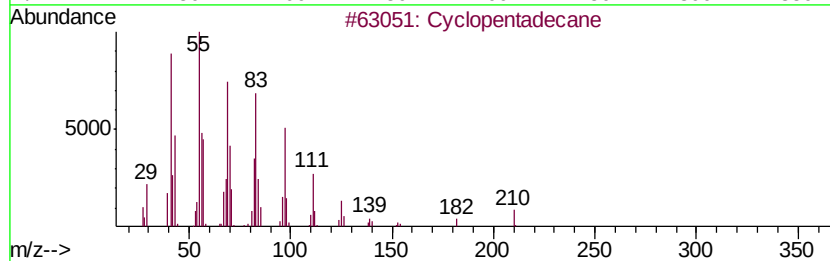
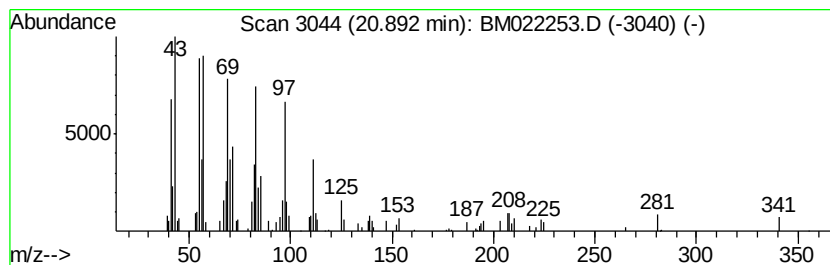
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic20.89 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.32 ng/ul	111191	Chrysene-d12	21.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentadecane	210	C15H30	000295-48-7	98
2		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
4		1-Octadecanol	270	C18H38O	000112-92-5	93
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
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Sample : K4337-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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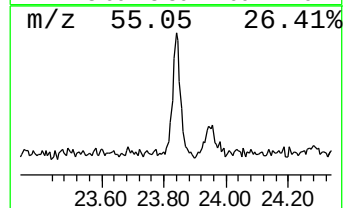
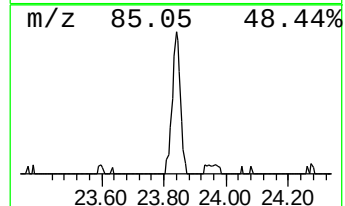
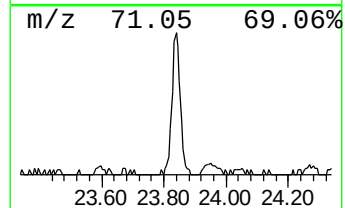
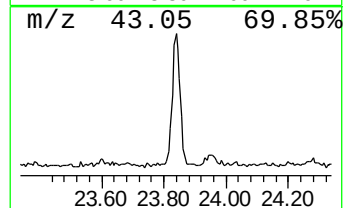
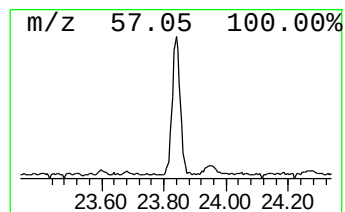
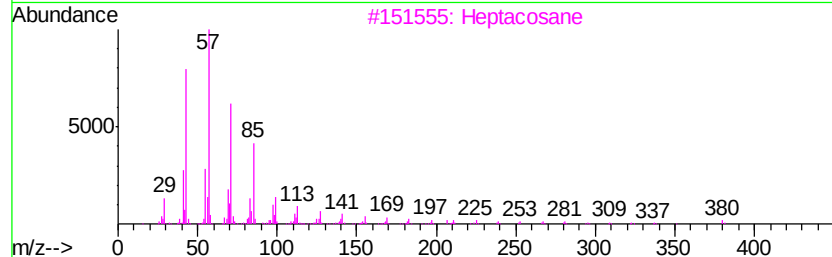
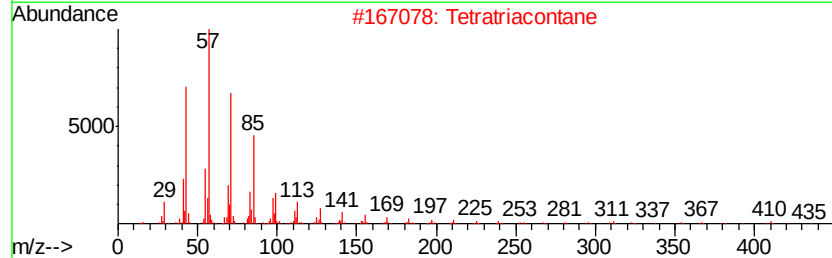
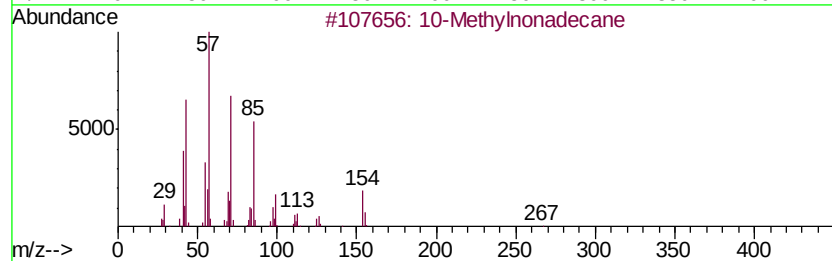
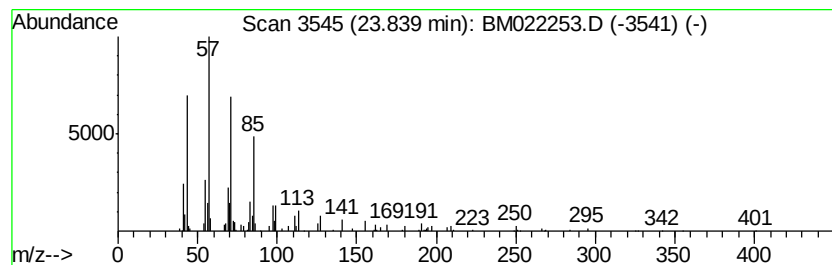
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	3.43 ng/ul	124330	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methylnonadecane	282	C20H42	056862-62-5	90
2		Tetratriacontane	479	C34H70	014167-59-0	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
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Sample : K4337-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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
Indane	7.92	4.9	ng/ul	54119	1	7.56	219689	20.0
Naphthalene, 1-me...	12.23	9.6	ng/ul	162640	2	10.33	337471	20.0
n-Hexadecanoic acid	17.87	6.9	ng/ul	235323	4	16.97	681134	20.0
Octadecanoic acid	19.16	4.3	ng/ul	204120	5	21.19	959832	20.0
(DEL) Alkane: Cyc...	20.89	2.3	ng/ul	111191	5	21.19	959832	20.0
(DEL) Alkane: Str...	23.84	3.4	ng/ul	124330	6	23.38	724319	20.0