

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
 Data File : BN005265.D
 Acq On : 24 Apr 2019 23:56
 Operator : JU/SJ
 Sample : K2456-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHP4

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_N\METHODS\SOM-EPA-BN041919MA.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	3.217	34	39	47	rVB	103304	136604	1.47%	0.116%
2	3.470	79	82	90	rBV	18195	30055	0.32%	0.025%
3	3.911	153	157	163	rBV	31642	44105	0.48%	0.037%
4	3.999	168	172	179	rBV	50308	71822	0.77%	0.061%
5	4.399	237	240	244	rVB	11246	12688	0.14%	0.011%
6	4.781	301	305	313	rBV6	11716	23206	0.25%	0.020%
7	5.722	459	465	471	rBV	25441	46200	0.50%	0.039%
8	6.605	607	615	620	rBV6	4823	12020	0.13%	0.010%
9	6.775	636	644	657	rBV	1931143	3028329	32.64%	2.566%
10	6.946	666	673	684	rVB	1407896	2207059	23.79%	1.870%
11	7.134	697	705	715	rBV	1925113	2977691	32.09%	2.523%
12	7.593	776	783	790	rBV	1714117	2747903	29.62%	2.329%
13	7.663	790	795	804	rVB	107719	170925	1.84%	0.145%
14	8.293	895	902	914	rBV	2440215	3833607	41.32%	3.249%
15	8.734	970	977	986	rBV	1864890	3039778	32.76%	2.576%
16	8.910	1003	1007	1011	rVB4	13718	20380	0.22%	0.017%
17	9.187	1049	1054	1061	rBV	66057	100363	1.08%	0.085%
18	9.452	1091	1099	1107	rBV	1539167	2521797	27.18%	2.137%
19	9.505	1107	1108	1114	rVB3	10583	12003	0.13%	0.010%
20	9.981	1181	1189	1201	rBV	2460103	4077629	43.95%	3.456%
21	10.157	1214	1219	1222	rBV5	6228	12233	0.13%	0.010%
22	10.357	1245	1253	1261	rBV	2625443	4264638	45.96%	3.614%
23	10.493	1269	1276	1289	rBV	2379414	4095761	44.14%	3.471%
24	10.728	1310	1316	1321	rBV5	19255	39951	0.43%	0.034%
25	11.681	1474	1478	1482	rBV4	7480	12353	0.13%	0.010%
26	11.793	1491	1497	1504	rVB7	10358	21519	0.23%	0.018%
27	11.951	1518	1524	1532	rVB2	41088	67888	0.73%	0.058%
28	12.028	1532	1537	1541	rBV4	14854	25197	0.27%	0.021%
29	12.251	1567	1575	1581	rBV	39446	62574	0.67%	0.053%
30	12.957	1689	1695	1699	rBV6	14334	23561	0.25%	0.020%
31	13.069	1708	1714	1719	rBV5	25566	39201	0.42%	0.033%
32	13.134	1721	1725	1730	rVV4	17442	26498	0.29%	0.022%
33	13.410	1764	1772	1776	rBV3	24358	55820	0.60%	0.047%
34	13.551	1788	1796	1800	rBV2	33177	58484	0.63%	0.050%

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35	13.604	1800	1805	1806	rBV3	22762	30315	0.33%	0.026%
36	13.646	1806	1812	1817	rVV	4259188	5928645	63.90%	5.024%
37	13.693	1817	1820	1827	rVV	1109958	1461493	15.75%	1.239%
38	13.787	1831	1836	1839	rBV5	15471	19873	0.21%	0.017%
39	13.916	1850	1858	1869	rBV	4905474	7173423	77.31%	6.079%
40	14.157	1896	1899	1904	rVB3	18944	23098	0.25%	0.020%
41	14.228	1904	1911	1920	rBV2	3794559	5805501	62.57%	4.920%
42	14.434	1938	1946	1960	rBV	1539102	2421547	26.10%	2.052%
43	14.604	1970	1975	1978	rBV7	8031	14078	0.15%	0.012%
44	14.663	1983	1985	1989	rVV4	13719	16356	0.18%	0.014%
45	14.716	1991	1994	1998	rVB5	12047	16242	0.18%	0.014%
46	14.787	2002	2006	2010	rVB6	8460	14828	0.16%	0.013%
47	14.845	2010	2016	2020	rBV8	18167	32584	0.35%	0.028%
48	14.898	2020	2025	2027	rVV3	11868	14804	0.16%	0.013%
49	15.057	2049	2052	2056	rBV4	13069	17687	0.19%	0.015%
50	15.116	2057	2062	2066	rVB4	35584	43459	0.47%	0.037%
51	15.228	2075	2081	2088	rBV	5781399	8492674	91.53%	7.197%
52	15.287	2088	2091	2096	rVB	29517	41080	0.44%	0.035%
53	15.351	2096	2102	2110	rBV	1053058	1530899	16.50%	1.297%
54	15.469	2117	2122	2127	rBV2	75688	107356	1.16%	0.091%
55	15.675	2154	2157	2163	rVB4	10207	15606	0.17%	0.013%
56	15.922	2194	2199	2203	rBV6	10821	18916	0.20%	0.016%
57	15.981	2205	2209	2211	rVV4	19902	26289	0.28%	0.022%
58	16.016	2211	2215	2221	rVB5	33280	67248	0.72%	0.057%
59	16.145	2235	2237	2241	rVB5	9951	12594	0.14%	0.011%
60	16.245	2251	2254	2257	rBV5	8131	11858	0.13%	0.010%
61	16.340	2268	2270	2276	rVB6	12895	17179	0.19%	0.015%
62	16.398	2276	2280	2284	rBV3	12537	22270	0.24%	0.019%
63	16.681	2322	2328	2333	rVB3	26362	43420	0.47%	0.037%
64	16.775	2340	2344	2352	rBV4	35603	55979	0.60%	0.047%
65	16.981	2373	2379	2385	rBV	4759787	6847826	73.80%	5.803%
66	17.022	2385	2386	2390	rVV	96230	94364	1.02%	0.080%
67	17.081	2390	2396	2406	rVV2	6231899	8830426	95.17%	7.483%
68	17.363	2440	2444	2446	rBV5	10011	11896	0.13%	0.010%
69	17.516	2467	2470	2475	rBV5	24411	28131	0.30%	0.024%
70	17.792	2513	2517	2518	rBV2	13317	17123	0.18%	0.015%
71	17.863	2526	2529	2532	rBV3	14240	19078	0.21%	0.016%

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72	17.910	2532	2537	2546	rBV	736615	1245056	13.42%	1.055%
73	18.216	2585	2589	2593	rVB5	28658	42863	0.46%	0.036%
74	18.369	2613	2615	2619	rBV5	9021	12910	0.14%	0.011%
75	18.775	2681	2684	2686	rBV4	17868	26171	0.28%	0.022%
76	18.798	2686	2688	2692	rVV5	31857	37480	0.40%	0.032%
77	18.857	2696	2698	2705	rVB4	32774	38292	0.41%	0.032%
78	19.028	2722	2727	2730	rBV	74380	108520	1.17%	0.092%
79	19.057	2730	2732	2734	rBV2	26802	28152	0.30%	0.024%
80	19.210	2754	2758	2765	rBV2	208778	357317	3.85%	0.303%
81	19.281	2767	2770	2774	rVB	74510	101395	1.09%	0.086%
82	19.398	2781	2790	2797	rBV	6663458	9278640	100.00%	7.863%
83	19.480	2802	2804	2808	rVB5	23267	25114	0.27%	0.021%
84	19.992	2887	2891	2893	rBV3	39299	41850	0.45%	0.035%
85	20.363	2950	2954	2958	rVB3	39324	45259	0.49%	0.038%
86	20.492	2973	2976	2980	rVB	61592	60489	0.65%	0.051%
87	20.957	3051	3055	3069	rBV	603842	1010067	10.89%	0.856%
88	21.216	3093	3099	3109	rBV	4493998	5707803	61.52%	4.837%
89	21.351	3118	3122	3127	rBV3	150661	185903	2.00%	0.158%
90	21.410	3129	3132	3137	rVV	157979	178425	1.92%	0.151%
91	21.845	3203	3206	3215	rVB	195635	260682	2.81%	0.221%
92	22.304	3277	3284	3290	rBV4	410659	838518	9.04%	0.711%
93	22.427	3301	3305	3311	rVB	287857	369577	3.98%	0.313%
94	22.810	3365	3370	3378	rVB	348080	508478	5.48%	0.431%
95	23.280	3443	3450	3459	rBV2	3941786	6899206	74.36%	5.847%
96	23.369	3460	3465	3468	rVV	367883	616535	6.64%	0.522%
97	23.421	3468	3474	3481	rVB	2865591	5244497	56.52%	4.444%
98	23.998	3567	3572	3579	rVB	319824	593384	6.40%	0.503%
99	24.727	3691	3696	3704	rVB2	243803	495696	5.34%	0.420%
100	25.580	3837	3841	3853	rVB2	159189	377369	4.07%	0.320%

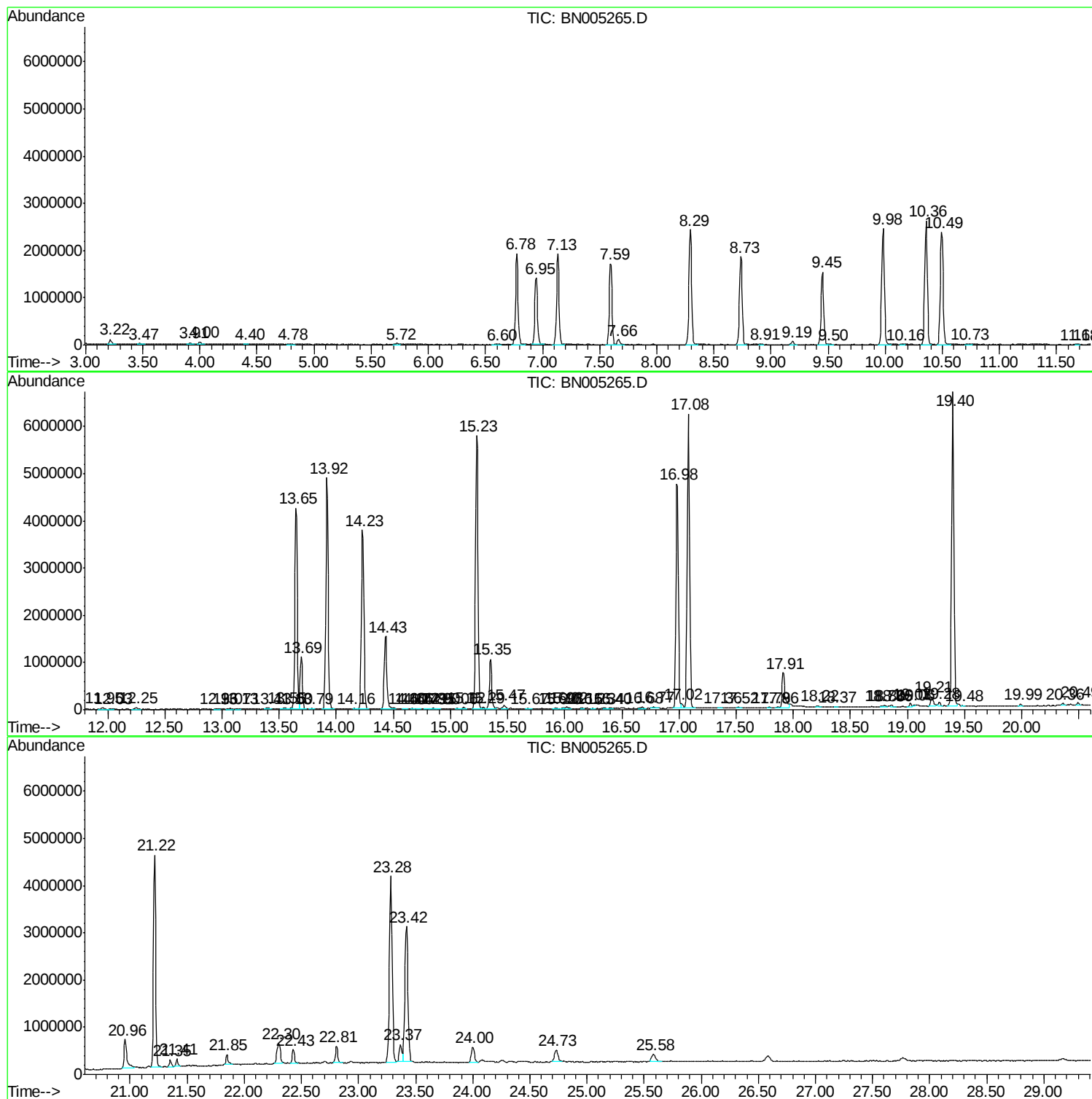
Sum of corrected areas: 118001635

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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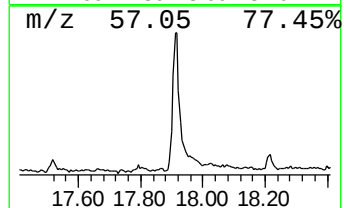
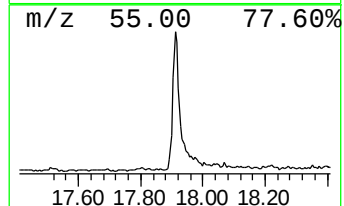
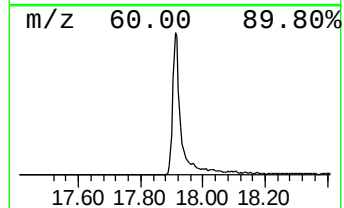
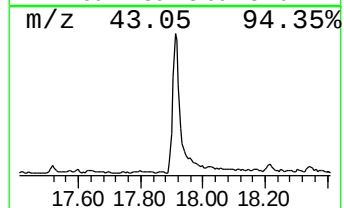
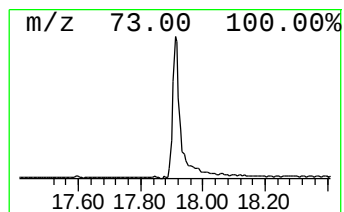
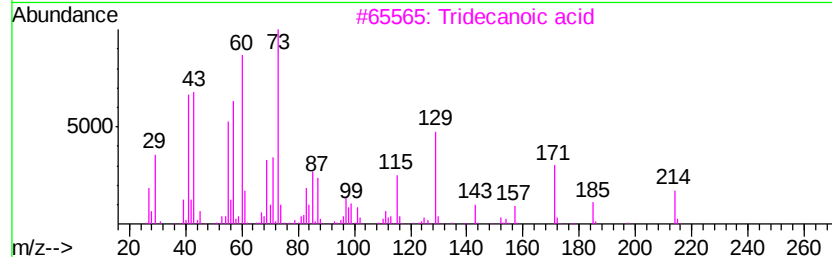
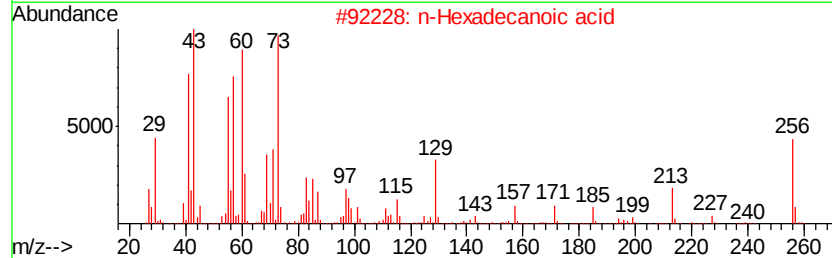
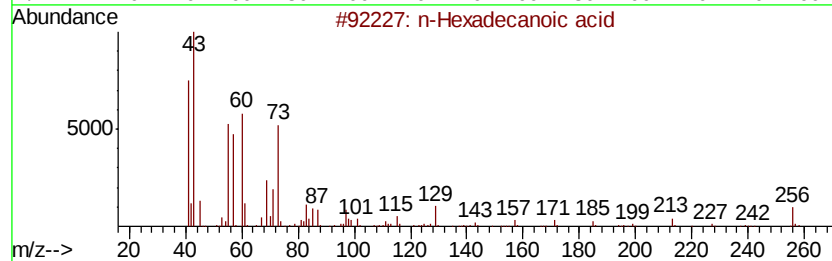
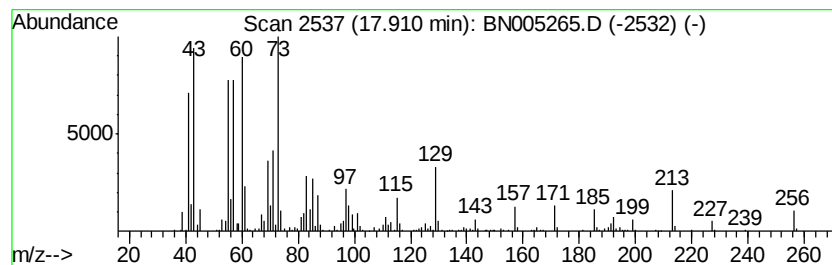
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.91	3.64 ng/ul	1245060	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89	



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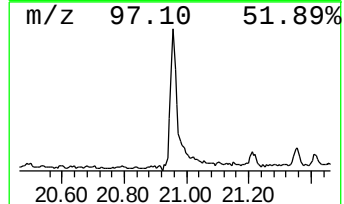
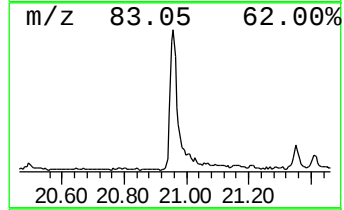
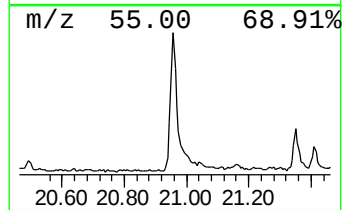
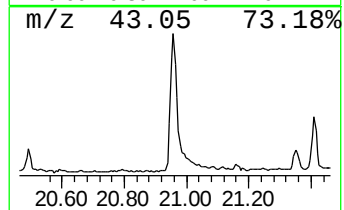
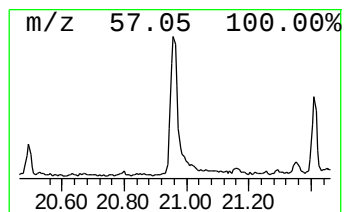
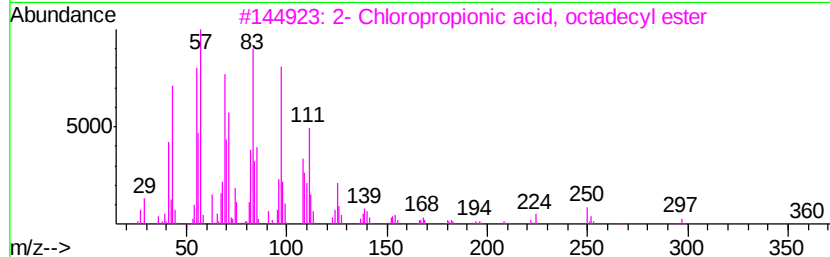
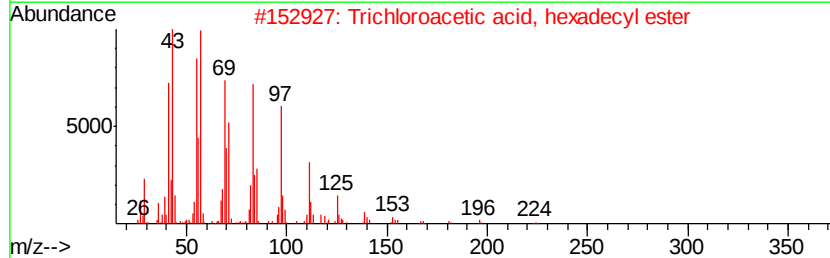
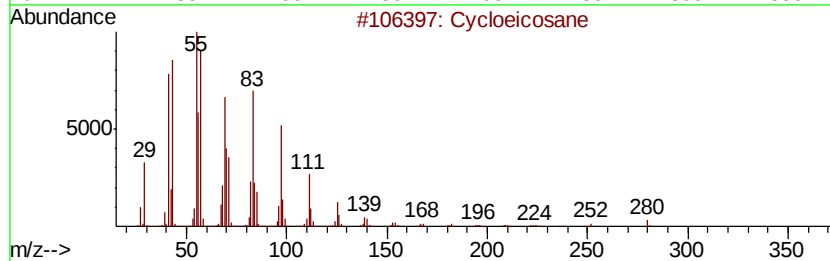
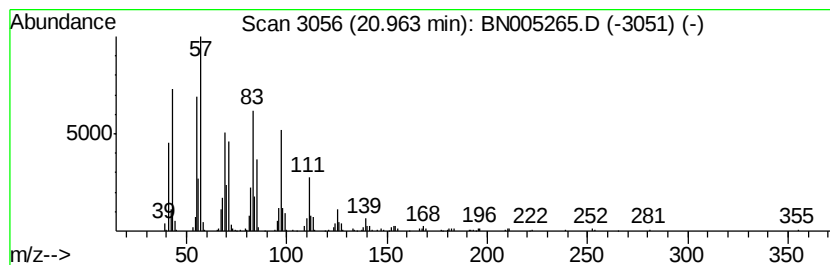
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.96 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	3.54 ng/ul	1010070	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloeicosane	280	C20H40	000296-56-0	95
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5		1-Docosene	308	C22H44	001599-67-3	91



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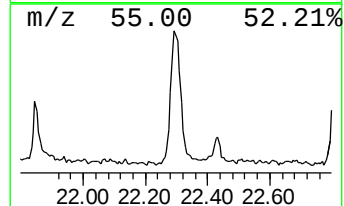
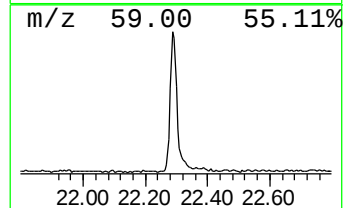
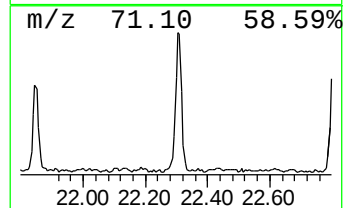
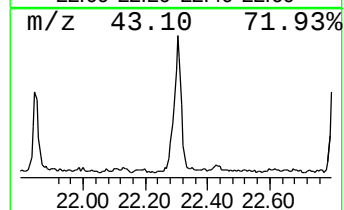
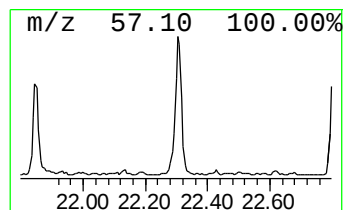
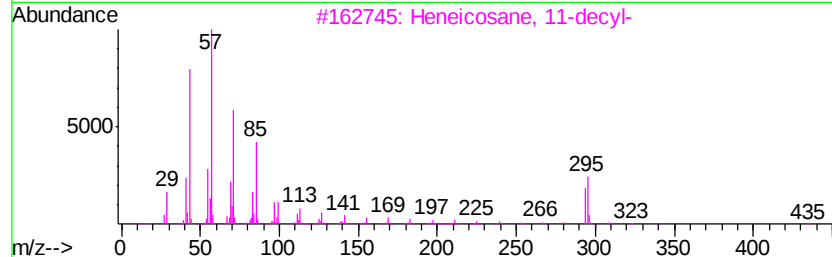
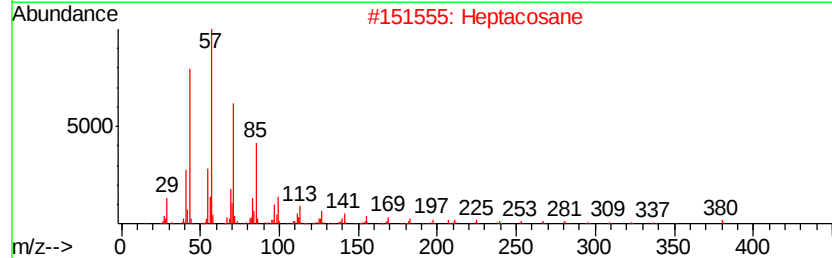
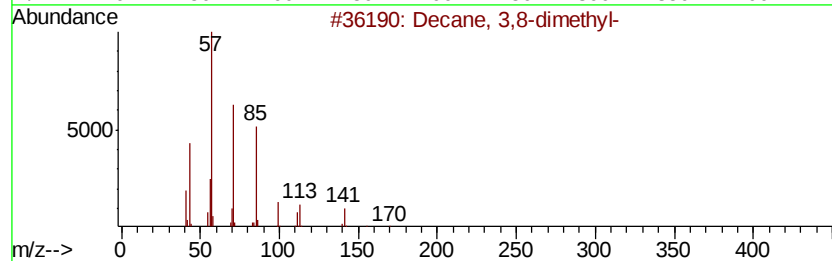
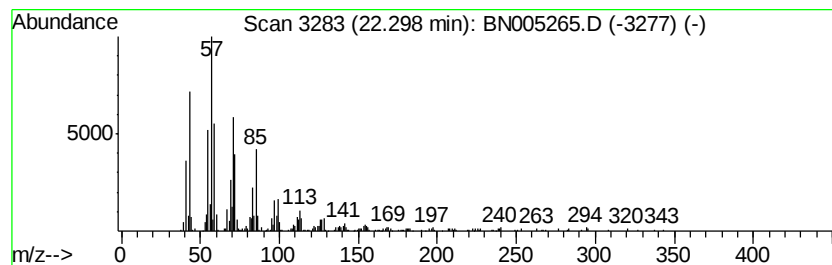
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	2.94 ng/ul	838518	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	90
2		Heptacosane	380	C27H56	000593-49-7	87
3		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Tetratetracontane	619	C44H90	007098-22-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005265.D
Acq On : 24 Apr 2019 23:56
Operator : JU/SJ
Sample : K2456-06
Misc :
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Instrument :
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ClientSampleId :
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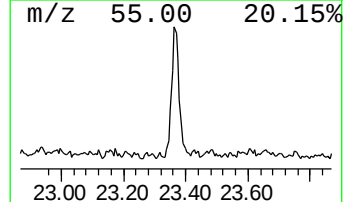
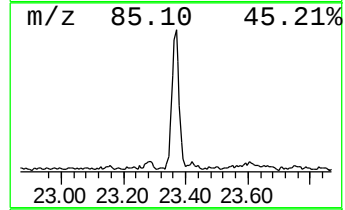
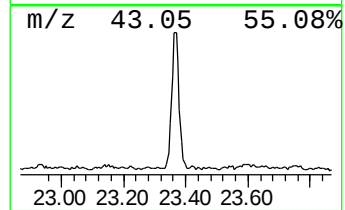
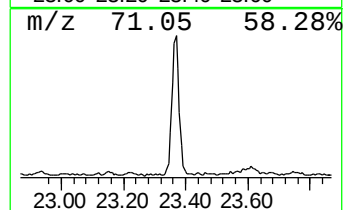
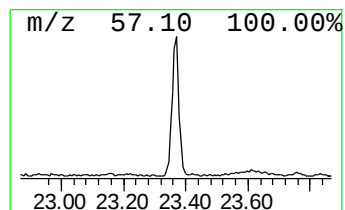
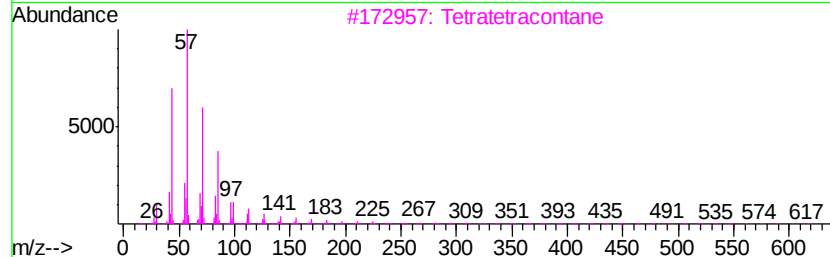
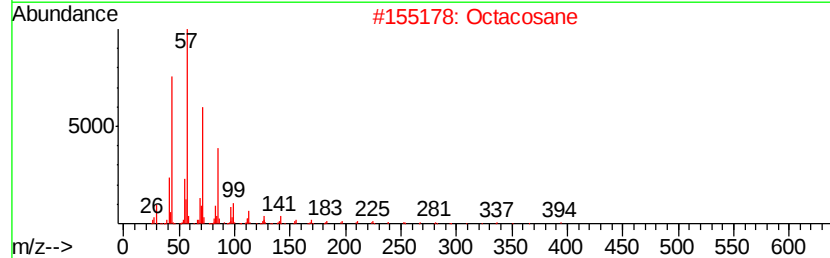
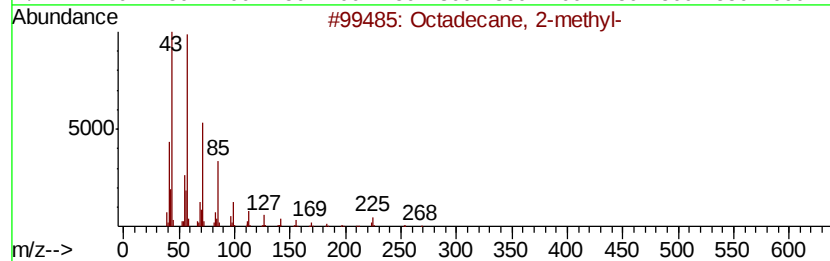
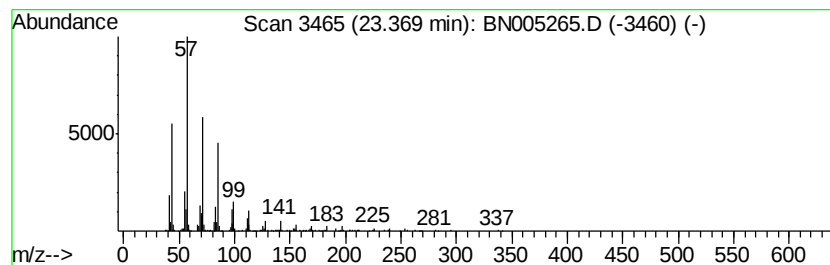
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.37	2.35 ng/ul	616535	Perylene-d12	23.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005265.D
Acq On : 24 Apr 2019 23:56
Operator : JU/SJ
Sample : K2456-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP4

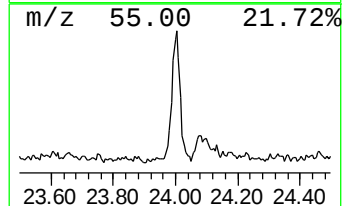
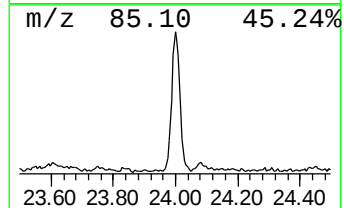
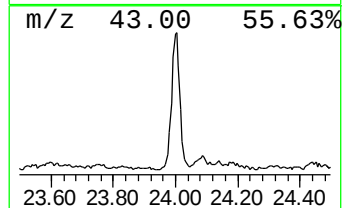
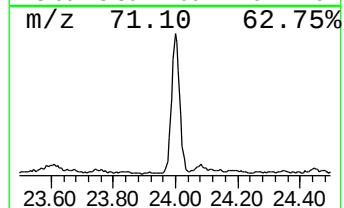
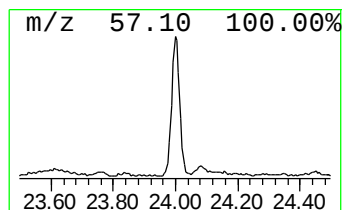
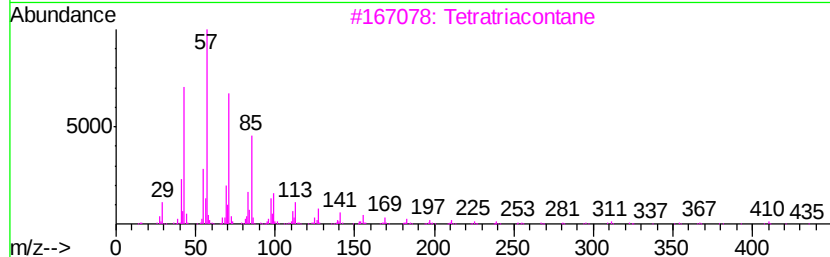
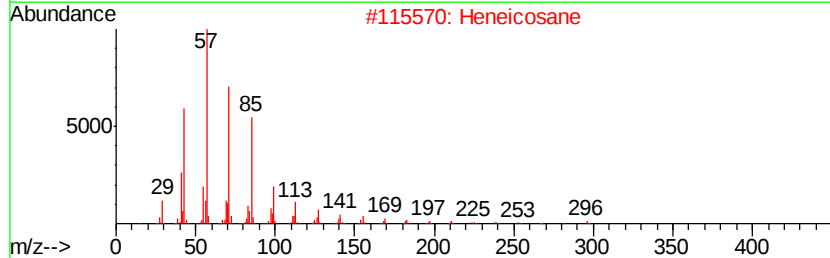
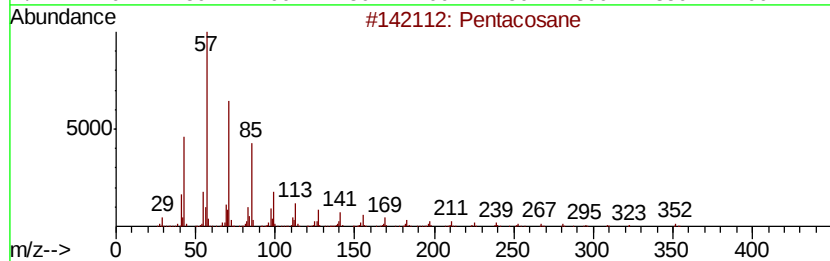
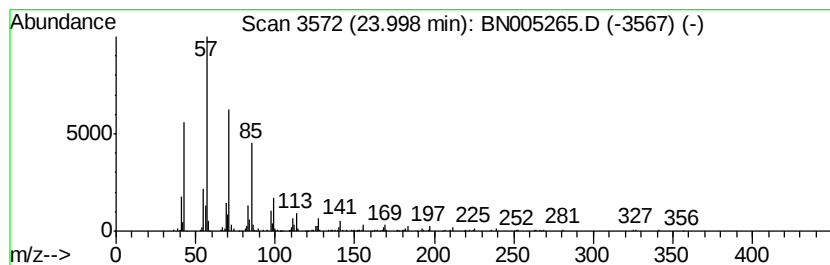
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	2.26 ng/ul	593384	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005265.D
Acq On : 24 Apr 2019 23:56
Operator : JU/SJ
Sample : K2456-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHP4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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
n-Hexadecanoic acid	17.91	3.6	ng/ul	1245060	4	16.99	6847830	20.0
(DEL) Alkane: Cyc...	20.96	3.5	ng/ul	1010070	5	21.22	5707800	20.0
(DEL) Alkane: Str...	22.30	2.9	ng/ul	838518	5	21.22	5707800	20.0
(DEL) Alkane: Str...	23.37	2.4	ng/ul	616535	6	23.42	5244500	20.0
(DEL) Alkane: Str...	24.00	2.3	ng/ul	593384	6	23.42	5244500	20.0