

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
 Data File : BN004660.D
 Acq On : 08 Mar 2019 04:50
 Operator : JU/SJ
 Sample : K1657-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB651

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-BN030719MA.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	3.228	38	41	46	rVB	6838	8609	0.91%	0.089%
2	3.952	160	164	168	rVB	1498	1962	0.21%	0.020%
3	4.840	313	315	320	rBV	1731	1797	0.19%	0.019%
4	6.881	657	662	671	rBB	79837	125519	13.25%	1.298%
5	7.064	688	693	702	rBB	64939	99473	10.50%	1.029%
6	7.252	719	725	731	rBB	90769	132997	14.04%	1.375%
7	7.322	734	737	744	rBB	4574	6424	0.68%	0.066%
8	7.722	799	805	811	rBB	138255	206069	21.76%	2.131%
9	8.416	917	923	930	rBB	114842	172273	18.19%	1.781%
10	8.881	996	1002	1009	rBB	87469	137890	14.56%	1.426%
11	9.240	1060	1063	1065	rBB	1891	2070	0.22%	0.021%
12	9.599	1118	1124	1130	rBB	75935	116301	12.28%	1.203%
13	10.122	1207	1213	1220	rBB	124945	194769	20.57%	2.014%
14	10.505	1271	1278	1285	rBV	218684	357484	37.75%	3.696%
15	10.557	1285	1287	1291	rVB	1879	2374	0.25%	0.025%
16	10.652	1296	1303	1312	rBB	111994	183976	19.43%	1.902%
17	12.093	1546	1548	1552	rBB	1380	1689	0.18%	0.017%
18	12.169	1558	1561	1564	rBB	1434	1737	0.18%	0.018%
19	12.393	1596	1599	1601	rBB	1226	1462	0.15%	0.015%
20	13.769	1827	1833	1838	rBV	263569	351545	37.12%	3.635%
21	13.816	1838	1841	1846	rVB	31425	37651	3.98%	0.389%
22	14.057	1875	1882	1889	rBB	275940	409221	43.21%	4.231%
23	14.363	1928	1934	1940	rBB2	363779	536051	56.60%	5.543%
24	14.422	1941	1944	1948	rBB	3439	4700	0.50%	0.049%
25	14.563	1962	1968	1975	rBB	97151	135584	14.32%	1.402%
26	14.757	1998	2001	2005	rBB	2048	2737	0.29%	0.028%
27	15.357	2097	2103	2109	rBB	374897	532531	56.23%	5.506%
28	15.410	2109	2112	2116	rBB	5195	6403	0.68%	0.066%
29	15.475	2119	2123	2129	rBB	115060	145692	15.38%	1.506%
30	15.593	2140	2143	2147	rBB2	2451	2858	0.30%	0.030%
31	16.063	2219	2223	2230	rBB3	4417	6633	0.70%	0.069%
32	16.187	2240	2244	2247	rBB	2249	2736	0.29%	0.028%
33	16.245	2251	2254	2260	rBB2	2525	3617	0.38%	0.037%
34	16.304	2261	2264	2268	rBB2	2616	3012	0.32%	0.031%

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35	16.475	2290	2293	2296	rBV	1268	1898	0.20%	0.020%
36	16.569	2306	2309	2313	rVB	1926	2310	0.24%	0.024%
37	16.763	2339	2342	2345	rBB	1507	1835	0.19%	0.019%
38	16.898	2362	2365	2368	rBV3	2718	3596	0.38%	0.037%
39	16.928	2368	2370	2374	rVB	1416	1718	0.18%	0.018%
40	17.110	2395	2401	2406	rBV2	478778	677085	71.50%	7.001%
41	17.151	2406	2408	2412	rVB	58115	65897	6.96%	0.681%
42	17.210	2412	2418	2423	rBV	418872	572983	60.50%	5.924%
43	17.516	2463	2470	2474	rBB2	5358	6831	0.72%	0.071%
44	17.875	2525	2531	2535	rBV2	3208	4669	0.49%	0.048%
45	17.992	2540	2551	2555	rBV2	61104	81591	8.62%	0.844%
46	18.028	2555	2557	2562	rVV	11939	16689	1.76%	0.173%
47	18.075	2562	2565	2567	rVV2	2125	2733	0.29%	0.028%
48	18.110	2567	2571	2574	rVV	2194	2906	0.31%	0.030%
49	18.181	2578	2583	2587	rVV2	8025	14833	1.57%	0.153%
50	18.216	2587	2589	2592	rVB	3907	3888	0.41%	0.040%
51	18.486	2631	2635	2640	rVB2	5758	7285	0.77%	0.075%
52	18.534	2640	2643	2647	rBV	2260	2974	0.31%	0.031%
53	18.751	2675	2680	2683	rBV4	1574	2489	0.26%	0.026%
54	18.839	2689	2695	2702	rBV2	12553	17431	1.84%	0.180%
55	18.904	2702	2706	2711	rVV3	7562	10781	1.14%	0.111%
56	19.051	2727	2731	2734	rBV	1370	1652	0.17%	0.017%
57	19.139	2742	2746	2747	rBV2	4257	4415	0.47%	0.046%
58	19.169	2747	2751	2758	rVB	78467	105728	11.16%	1.093%
59	19.281	2765	2770	2775	rBV2	22638	28449	3.00%	0.294%
60	19.392	2785	2789	2793	rBV2	8272	11282	1.19%	0.117%
61	19.422	2793	2794	2798	rVV2	2038	1690	0.18%	0.017%
62	19.457	2798	2800	2803	rVV2	2376	2223	0.23%	0.023%
63	19.510	2803	2809	2819	rVB2	539763	784235	82.81%	8.109%
64	19.610	2823	2826	2829	rBV2	1978	2492	0.26%	0.026%
65	19.716	2839	2844	2848	rBV	2796	3258	0.34%	0.034%
66	19.781	2849	2855	2859	rVV	1606	2422	0.26%	0.025%
67	19.869	2864	2870	2874	rBV3	3206	6589	0.70%	0.068%
68	19.922	2876	2879	2881	rBV	1940	2313	0.24%	0.024%
69	19.951	2881	2884	2888	rVV	10465	11462	1.21%	0.119%
70	20.039	2888	2899	2903	rVB2	9213	17629	1.86%	0.182%
71	20.139	2912	2916	2919	rVV	4131	5366	0.57%	0.055%

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72	20.198	2919	2926	2929	rVV3	5275	9123	0.96%	0.094%
73	20.333	2945	2949	2952	rVB	3032	3601	0.38%	0.037%
74	20.381	2952	2957	2960	rBV2	3431	4026	0.43%	0.042%
75	20.539	2981	2984	2987	rBV	4134	4631	0.49%	0.048%
76	20.633	2997	3000	3003	rBV2	1716	2829	0.30%	0.029%
77	20.786	3022	3026	3030	rBV	4829	5803	0.61%	0.060%
78	20.957	3048	3055	3058	rBV3	5270	8167	0.86%	0.084%
79	21.004	3058	3063	3074	rVV4	68324	107778	11.38%	1.114%
80	21.086	3074	3077	3082	rVB2	8699	11614	1.23%	0.120%
81	21.210	3096	3098	3101	rVB	2326	2304	0.24%	0.024%
82	21.263	3104	3107	3108	rVV	2396	2139	0.23%	0.022%
83	21.310	3108	3115	3119	rVV	738627	947025	100.00%	9.792%
84	21.345	3119	3121	3127	rVB	34127	37175	3.93%	0.384%
85	21.445	3134	3138	3144	rBV3	14913	21364	2.26%	0.221%
86	21.880	3208	3212	3215	rBV	21435	24365	2.57%	0.252%
87	21.939	3220	3222	3226	rVB2	4111	3749	0.40%	0.039%
88	22.069	3240	3244	3252	rBV4	7056	11690	1.23%	0.121%
89	22.345	3286	3291	3298	rBV	44169	59032	6.23%	0.610%
90	22.851	3372	3377	3380	rBV	61141	87704	9.26%	0.907%
91	23.369	3460	3465	3467	rBV	11910	18151	1.92%	0.188%
92	23.422	3467	3474	3480	rVV2	386854	698574	73.77%	7.223%
93	23.569	3491	3499	3513	rVB	401376	757698	80.01%	7.834%
94	24.069	3577	3584	3595	rBV	70647	129382	13.66%	1.338%
95	24.163	3597	3600	3610	rVB4	7002	14094	1.49%	0.146%
96	24.816	3704	3711	3720	rVB	49916	109268	11.54%	1.130%
97	25.686	3853	3859	3869	rVB	29442	72729	7.68%	0.752%
98	25.845	3880	3886	3894	rVB4	9510	22081	2.33%	0.228%
99	26.715	4027	4034	4047	rVB4	17855	57047	6.02%	0.590%
100	27.927	4235	4240	4241	rBV5	5699	8853	0.93%	0.092%

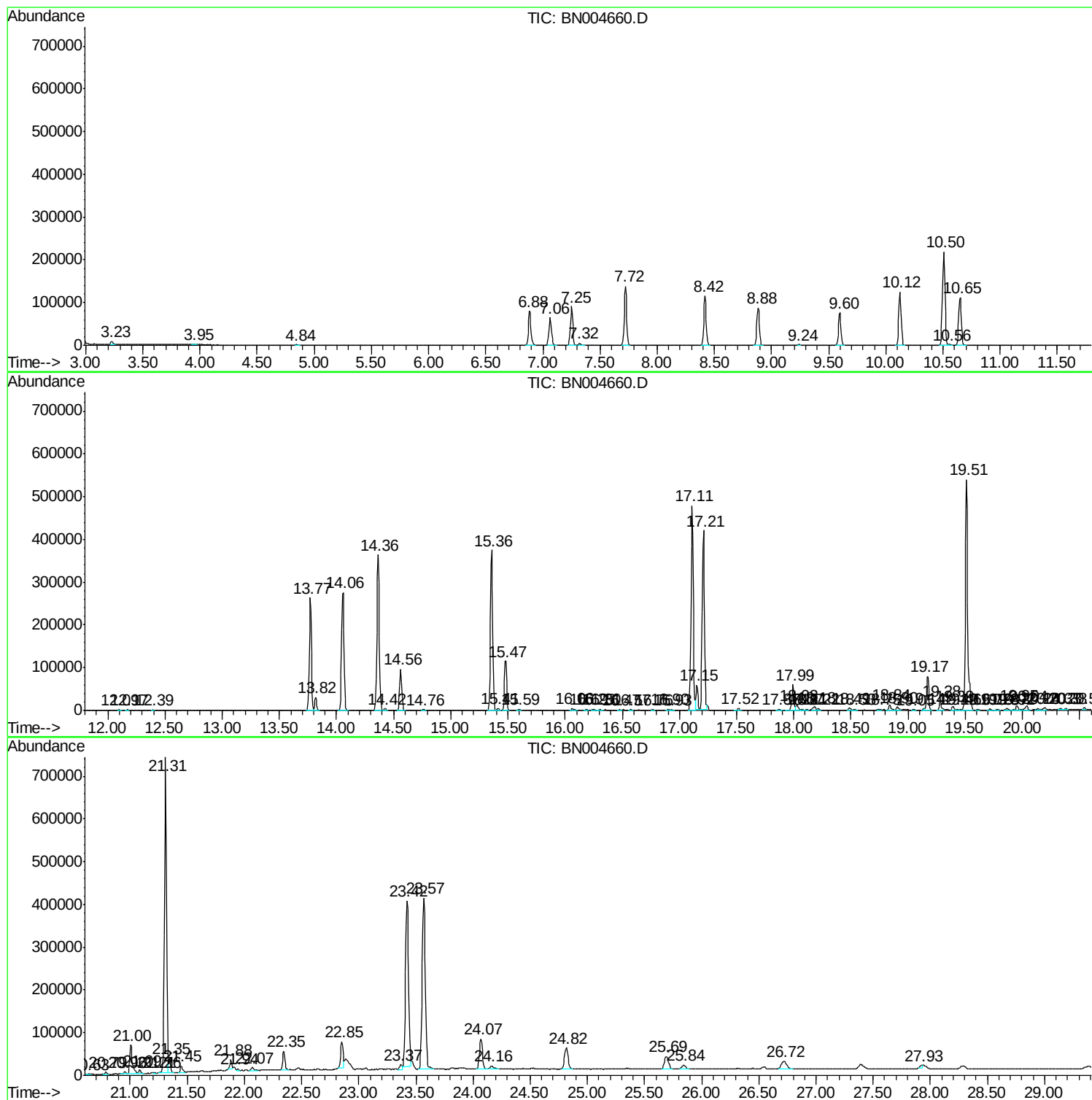
Sum of corrected areas: 9671469

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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



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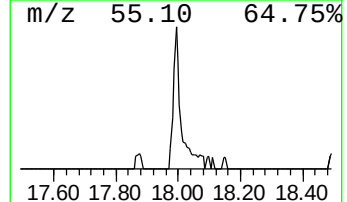
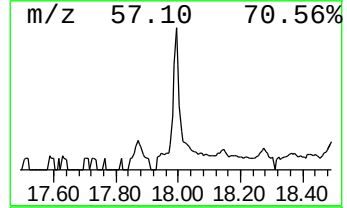
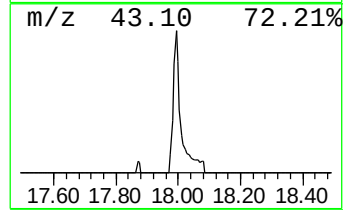
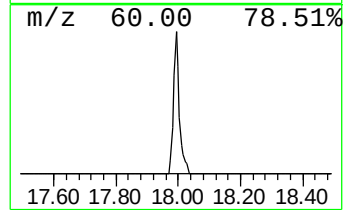
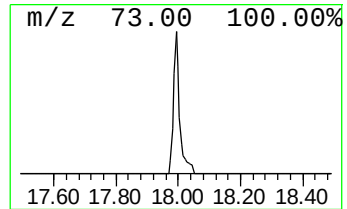
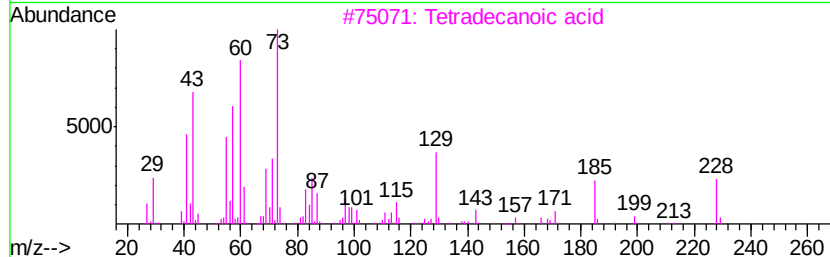
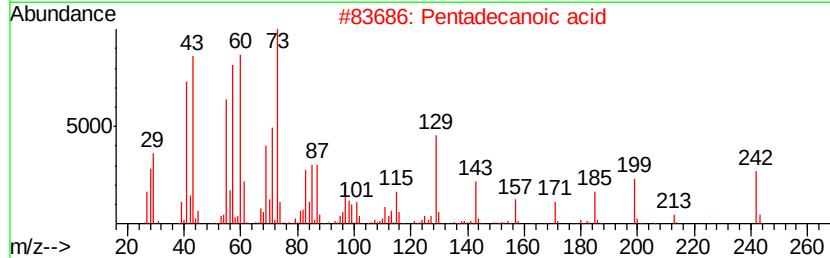
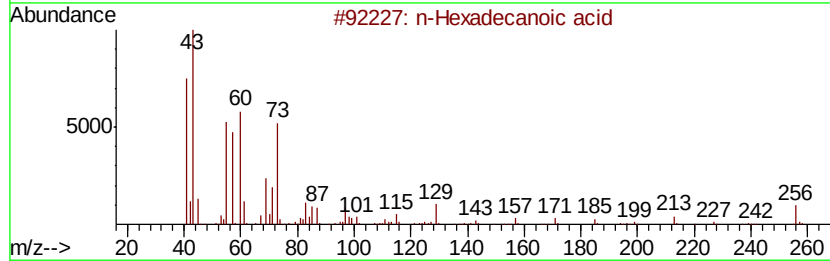
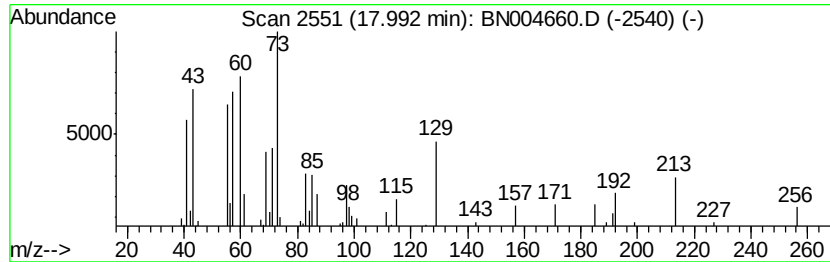
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.99	2.41 ng/ul	81591	Phenanthrene-d10	17.11		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		n-Decanoic acid	172	C10H20O2	000334-48-5	50
5		n-Decanoic acid	172	C10H20O2	000334-48-5	50



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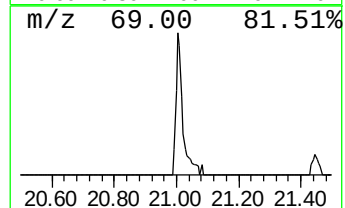
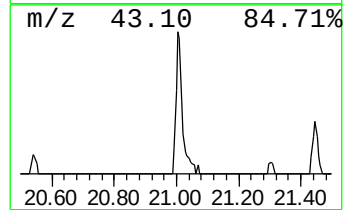
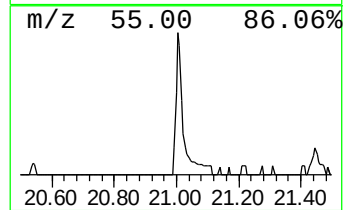
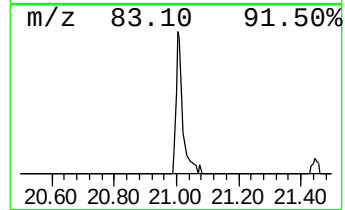
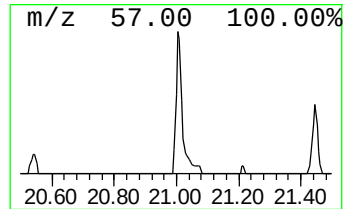
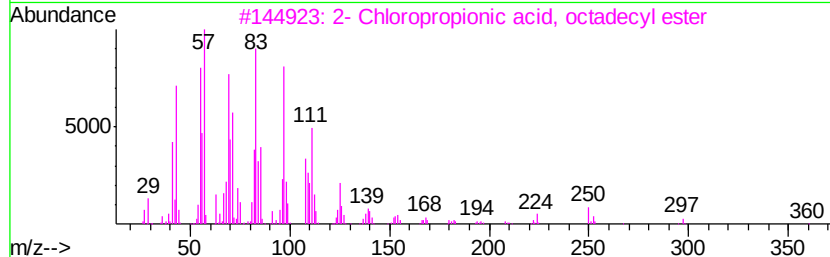
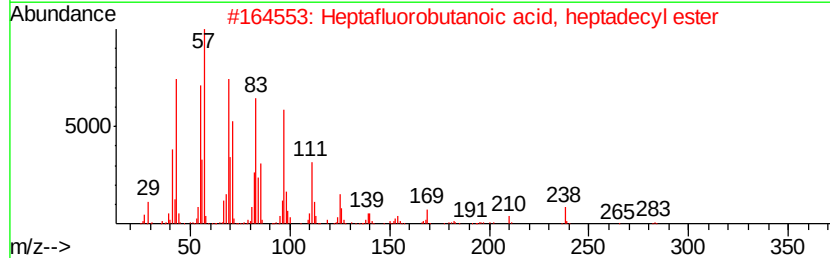
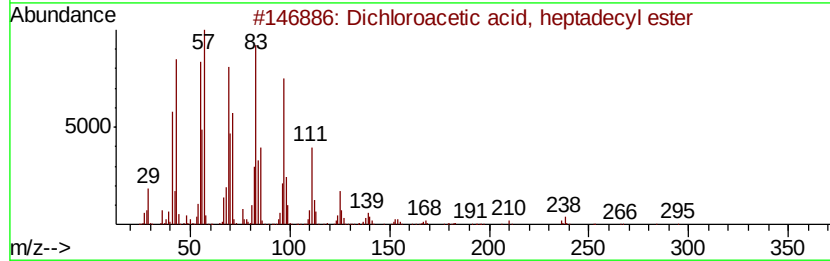
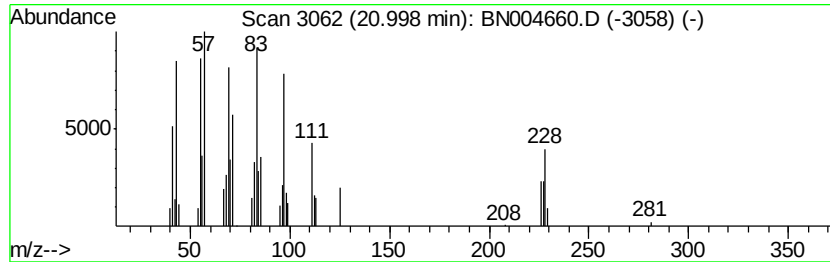
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.28 ng/ul	107778	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91



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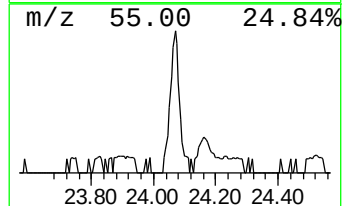
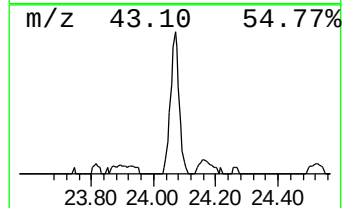
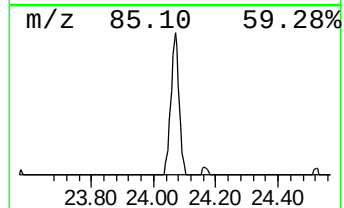
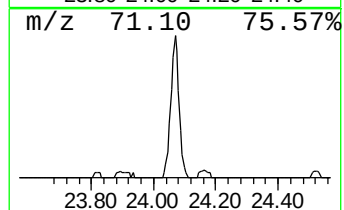
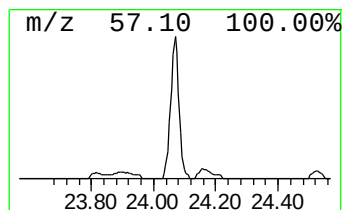
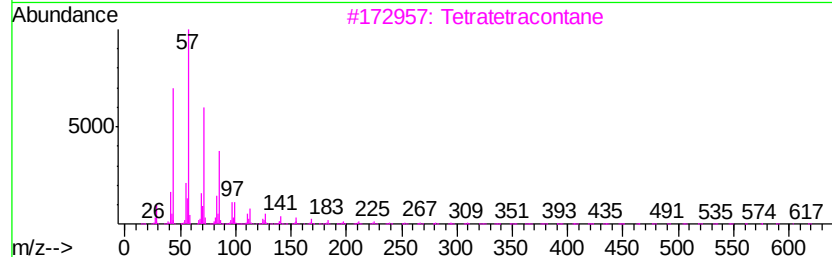
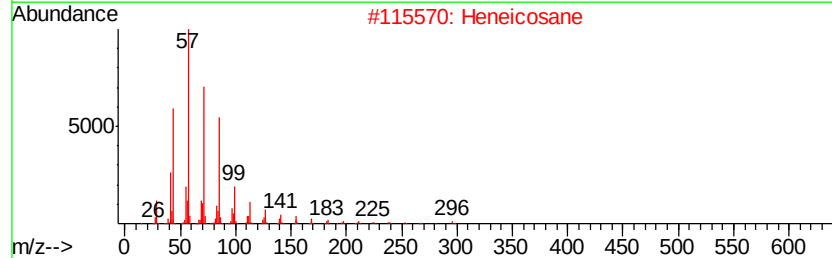
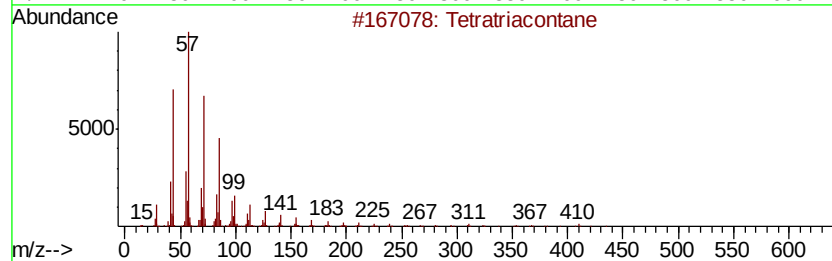
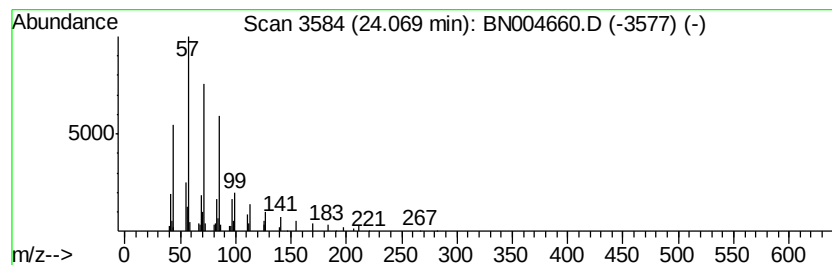
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	3.42 ng/ul	129382	Perylene-d12	23.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Octadecane	254	C18H38	000593-45-3	91



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Acq On : 08 Mar 2019 04:50
Operator : JU/SJ
Sample : K1657-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DB651

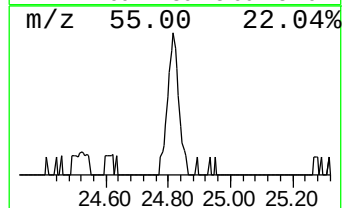
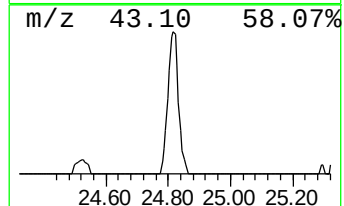
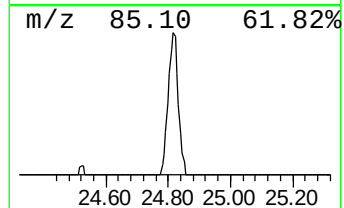
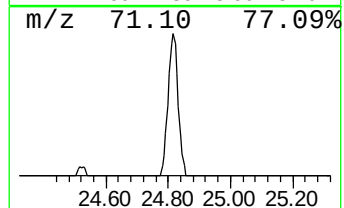
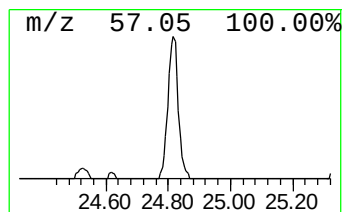
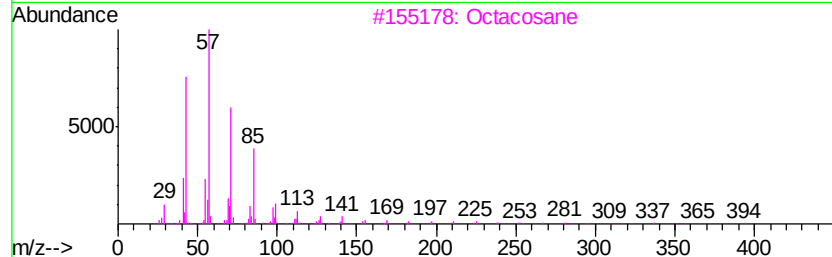
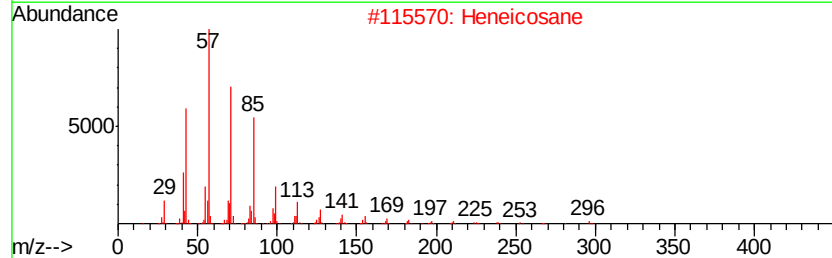
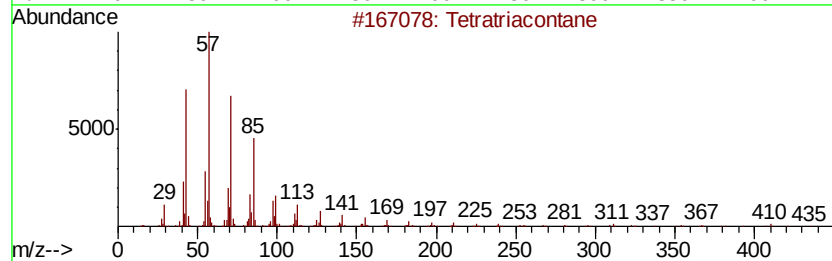
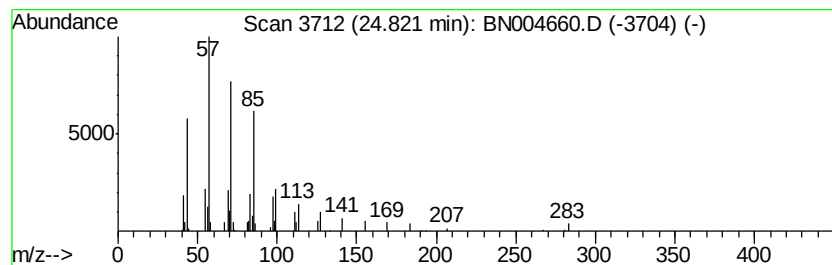
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.82	2.88 ng/ul	109268	Perylene-d12	23.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030719\
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Acq On : 08 Mar 2019 04:50
Operator : JU/SJ
Sample : K1657-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB651

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.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	17.99	2.4	ng/ul	81591	4	17.11	677085	20.0
Dichloroacetic ac...	21.00	2.3	ng/ul	107778	5	21.31	947025	20.0
(DEL) Alkane: Str...	24.07	3.4	ng/ul	129382	6	23.57	757698	20.0
(DEL) Alkane: Str...	24.82	2.9	ng/ul	109268	6	23.57	757698	20.0