

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
 Data File : BN004654.D
 Acq On : 08 Mar 2019 01:20
 Operator : JU/SJ
 Sample : K1657-03MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB648MS

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	3.222	38	40	45	rVB	6060	7338	0.72%	0.056%
2	4.864	313	319	323	rVB2	3082	5213	0.51%	0.040%
3	6.887	657	663	664	rBV	80823	114668	11.18%	0.877%
4	6.910	664	667	674	rVB	86147	128374	12.52%	0.982%
5	7.063	688	693	703	rBB	67960	104270	10.17%	0.798%
6	7.252	719	725	728	rBV	93204	152892	14.91%	1.169%
7	7.281	728	730	737	rVB	83676	112754	11.00%	0.862%
8	7.722	799	805	808	rBV	138357	216085	21.08%	1.653%
9	7.758	808	811	817	rVB	106306	150262	14.66%	1.149%
10	8.416	918	923	930	rBB	105910	163530	15.95%	1.251%
11	8.522	935	941	948	rBB	86246	127286	12.42%	0.974%
12	8.881	996	1002	1009	rBB	91664	141777	13.83%	1.084%
13	9.599	1118	1124	1130	rBB	74888	117512	11.46%	0.899%
14	10.122	1207	1213	1220	rBB	128846	194630	18.98%	1.489%
15	10.369	1249	1255	1261	rBB	131644	204203	19.92%	1.562%
16	10.504	1272	1278	1285	rBV	209553	345242	33.67%	2.641%
17	10.646	1297	1302	1309	rBB	40545	63801	6.22%	0.488%
18	11.787	1490	1496	1503	rBB	133244	194556	18.98%	1.488%
19	13.775	1828	1834	1838	rBV	251157	347811	33.92%	2.660%
20	13.816	1838	1841	1846	rVB	35741	43192	4.21%	0.330%
21	14.057	1875	1882	1890	rBB	287194	405327	39.53%	3.100%
22	14.363	1928	1934	1940	rBV2	345660	506804	49.43%	3.877%
23	14.428	1940	1945	1951	rVB	304449	422474	41.21%	3.231%
24	14.569	1963	1969	1977	rBB2	127914	240940	23.50%	1.843%
25	14.734	1992	1997	2005	rBB	144593	194934	19.01%	1.491%
26	15.187	2070	2074	2078	rBB2	6790	8658	0.84%	0.066%
27	15.357	2097	2103	2109	rBB	380635	521933	50.91%	3.992%
28	15.481	2119	2124	2129	rBB	110149	146486	14.29%	1.120%
29	16.416	2278	2283	2286	rBV2	4845	7913	0.77%	0.061%
30	16.481	2287	2294	2295	rBV3	8760	14262	1.39%	0.109%
31	16.757	2336	2341	2349	rBB	175047	238659	23.28%	1.825%
32	16.828	2350	2353	2356	rBV3	19679	20686	2.02%	0.158%
33	17.110	2395	2401	2405	rBV2	460723	634219	61.86%	4.851%
34	17.151	2405	2408	2413	rVB	78377	100705	9.82%	0.770%

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35	17.210	2413	2418	2423	rBV	392772	561376	54.76%	4.294%
36	17.516	2463	2470	2476	rBB2	8576	12286	1.20%	0.094%
37	17.875	2526	2531	2535	rBB	3936	5018	0.49%	0.038%
38	17.992	2542	2551	2555	rBV2	108222	147263	14.36%	1.126%
39	18.028	2555	2557	2563	rVV	20189	29299	2.86%	0.224%
40	18.110	2567	2571	2575	rVV	4782	7204	0.70%	0.055%
41	18.180	2578	2583	2586	rVV2	13336	23032	2.25%	0.176%
42	18.216	2586	2589	2594	rVB	6546	8722	0.85%	0.067%
43	18.486	2630	2635	2639	rBV2	8279	11557	1.13%	0.088%
44	18.533	2639	2643	2647	rVB	7081	8880	0.87%	0.068%
45	18.839	2689	2695	2701	rVV2	11140	15290	1.49%	0.117%
46	18.904	2701	2706	2712	rVV3	9596	17046	1.66%	0.130%
47	18.969	2712	2717	2719	rVV2	2784	4452	0.43%	0.034%
48	19.051	2727	2731	2737	rVV3	6357	8401	0.82%	0.064%
49	19.169	2746	2751	2760	rVV	172572	233621	22.79%	1.787%
50	19.280	2765	2770	2780	rBV3	47754	69114	6.74%	0.529%
51	19.392	2783	2789	2791	rVV3	9852	17120	1.67%	0.131%
52	19.422	2791	2794	2798	rVV	10242	14555	1.42%	0.111%
53	19.510	2803	2809	2812	rVV	522500	795738	77.61%	6.087%
54	19.539	2812	2814	2822	rVV	589382	722742	70.49%	5.528%
55	19.604	2822	2825	2831	rVB2	6175	8456	0.82%	0.065%
56	19.722	2838	2845	2851	rBV2	6630	10856	1.06%	0.083%
57	19.786	2851	2856	2859	rVB	4524	6709	0.65%	0.051%
58	19.863	2862	2869	2875	rBV4	9981	22424	2.19%	0.172%
59	20.033	2886	2898	2903	rBV3	22267	49504	4.83%	0.379%
60	20.139	2912	2916	2919	rBV	7669	9700	0.95%	0.074%
61	20.192	2919	2925	2929	rVV2	12764	23224	2.27%	0.178%
62	20.333	2945	2949	2953	rBV	7882	10190	0.99%	0.078%
63	20.380	2953	2957	2961	rVV	8207	9776	0.95%	0.075%
64	20.539	2980	2984	2989	rBV3	5592	6285	0.61%	0.048%
65	20.627	2996	2999	3002	rVV5	3113	4982	0.49%	0.038%
66	20.657	3002	3004	3009	rVV3	3199	5523	0.54%	0.042%
67	20.786	3021	3026	3031	rVB	20012	25865	2.52%	0.198%
68	20.951	3047	3054	3058	rVV2	16257	26917	2.63%	0.206%
69	21.004	3058	3063	3073	rVV4	110342	184889	18.03%	1.414%
70	21.080	3073	3076	3083	rVB	29622	38714	3.78%	0.296%
71	21.263	3103	3107	3108	rVV	5909	7630	0.74%	0.058%

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72	21.310	3108	3115	3119	rVV2	695283	1025250	100.00%	7.842%
73	21.345	3119	3121	3129	rVB	92476	96846	9.45%	0.741%
74	21.445	3132	3138	3147	rBV4	15854	31052	3.03%	0.238%
75	21.539	3147	3154	3158	rBV3	28211	38478	3.75%	0.294%
76	21.574	3158	3160	3164	rVB2	5746	6611	0.64%	0.051%
77	21.621	3164	3168	3173	rBV3	14023	20277	1.98%	0.155%
78	21.669	3173	3176	3179	rBV2	4721	5179	0.51%	0.040%
79	21.798	3195	3198	3202	rVB2	3351	4518	0.44%	0.035%
80	21.857	3202	3208	3209	rBV2	17785	25371	2.47%	0.194%
81	21.880	3209	3212	3214	rVV	25239	32636	3.18%	0.250%
82	21.910	3214	3217	3222	rVB3	14255	22006	2.15%	0.168%
83	22.057	3238	3242	3245	rBV3	8852	11334	1.11%	0.087%
84	22.092	3246	3248	3252	rVV4	4954	5813	0.57%	0.044%
85	22.157	3255	3259	3270	rVB5	5540	11140	1.09%	0.085%
86	22.339	3286	3290	3297	rBV2	38814	49942	4.87%	0.382%
87	22.468	3309	3312	3316	rBV4	6894	8887	0.87%	0.068%
88	22.851	3372	3377	3379	rBV	52923	76756	7.49%	0.587%
89	22.886	3379	3383	3388	rVV	47543	95324	9.30%	0.729%
90	23.057	3407	3412	3418	rVB	11449	17708	1.73%	0.135%
91	23.368	3459	3465	3468	rBV	39056	70885	6.91%	0.542%
92	23.421	3468	3474	3479	rVV	386243	690449	67.34%	5.281%
93	23.468	3479	3482	3489	rVB	51735	81681	7.97%	0.625%
94	23.568	3490	3499	3505	rBV2	392528	735440	71.73%	5.625%
95	24.063	3577	3583	3590	rBV	57438	108390	10.57%	0.829%
96	24.157	3594	3599	3607	rBV3	14696	32750	3.19%	0.251%
97	24.810	3703	3710	3718	rBV	26307	60045	5.86%	0.459%
98	25.686	3852	3859	3867	rBV2	17635	46190	4.51%	0.353%
99	25.839	3878	3885	3896	rVB2	24631	66939	6.53%	0.512%
100	26.539	3998	4004	4012	rVB3	11824	32016	3.12%	0.245%

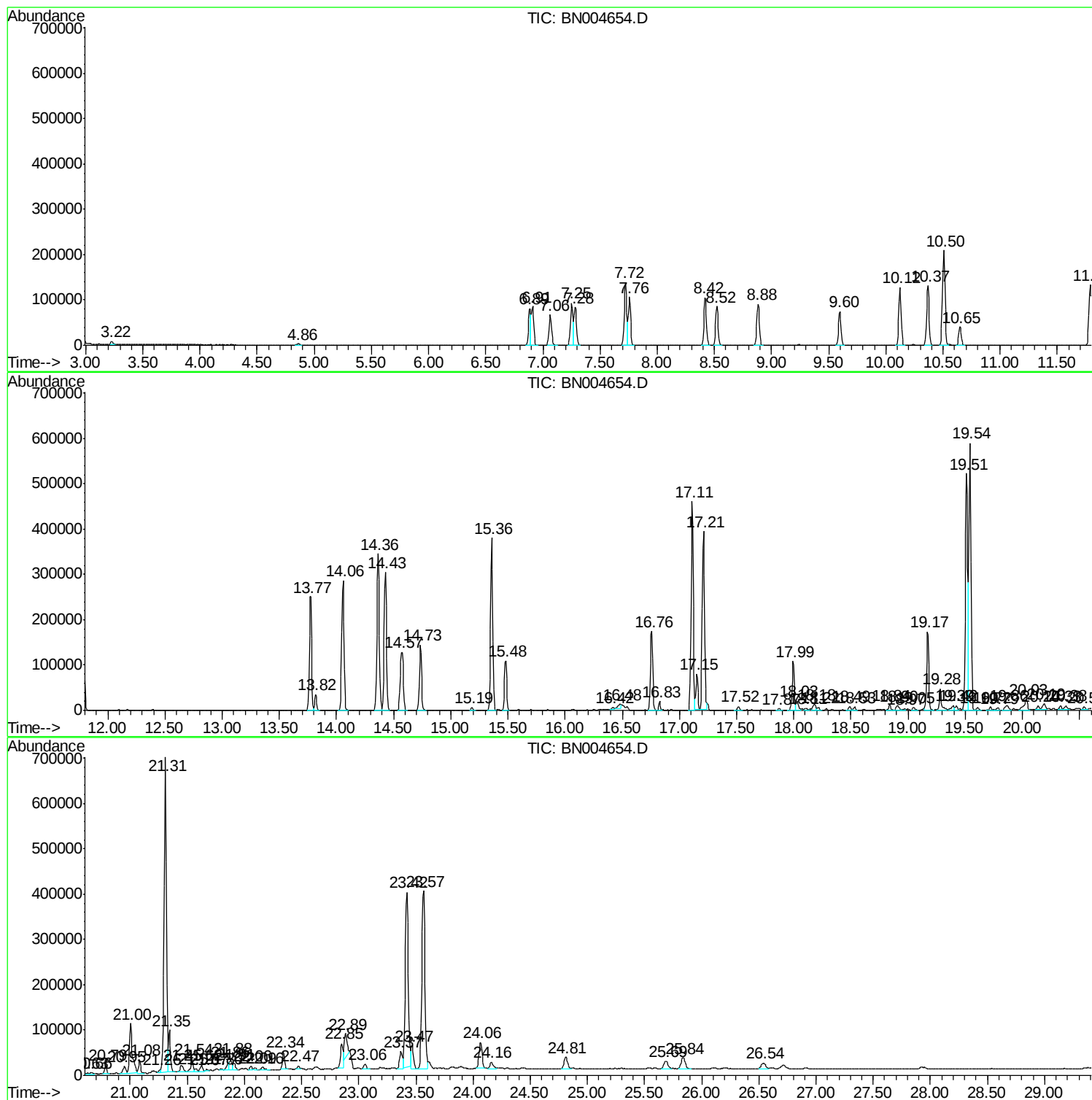
Sum of corrected areas: 13073669

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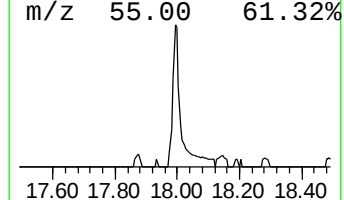
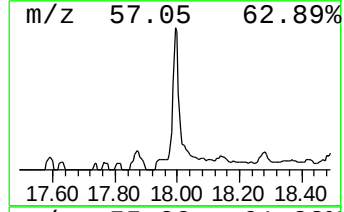
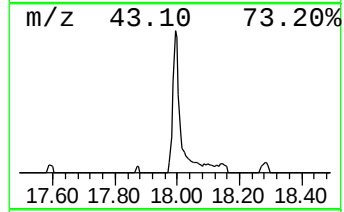
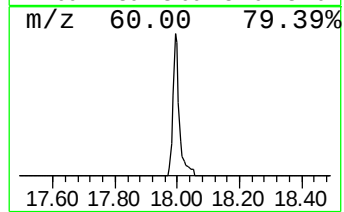
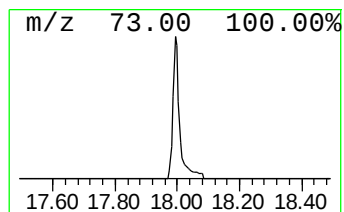
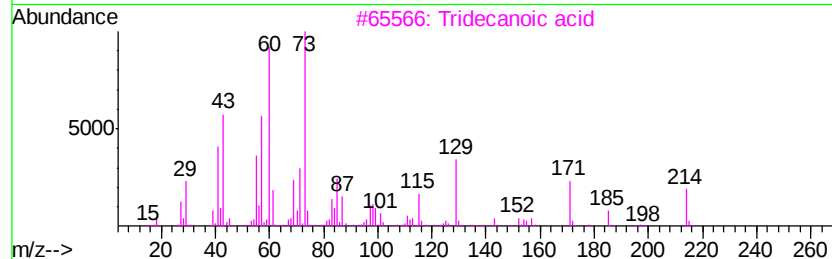
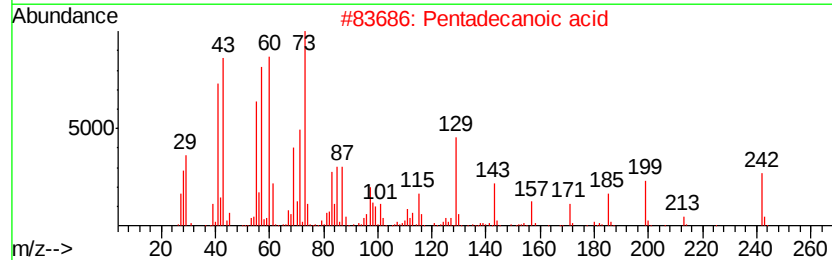
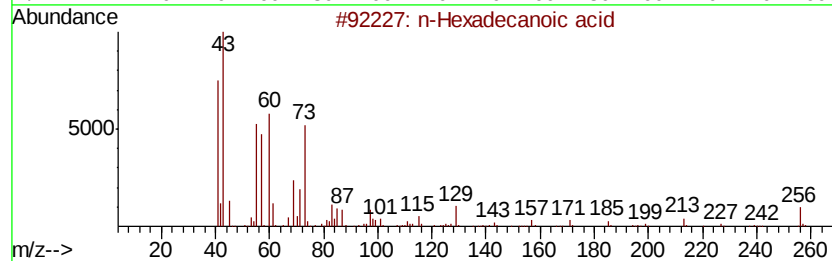
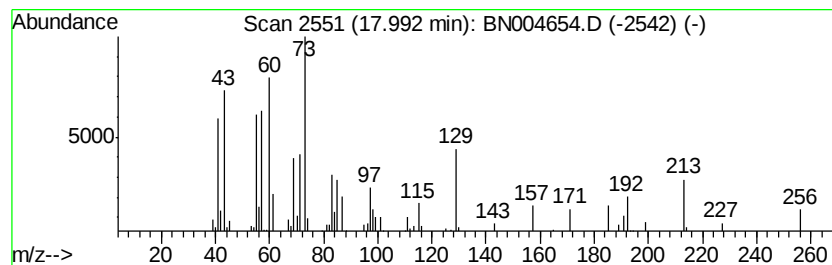
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	4.64 ng/ul	147263	Phenanthrene-d10	17.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3		Tridecanoic acid	214	C13H26O2	000638-53-9	76
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70



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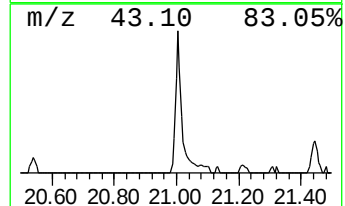
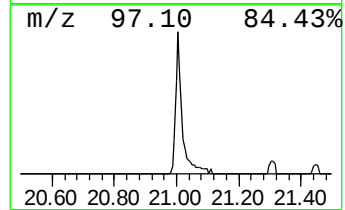
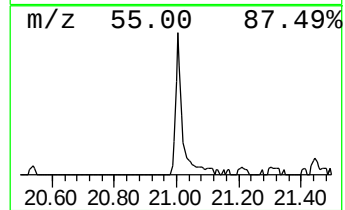
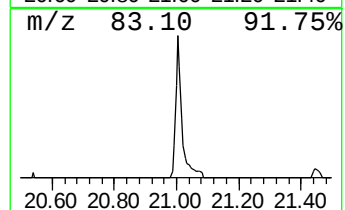
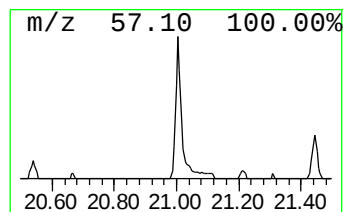
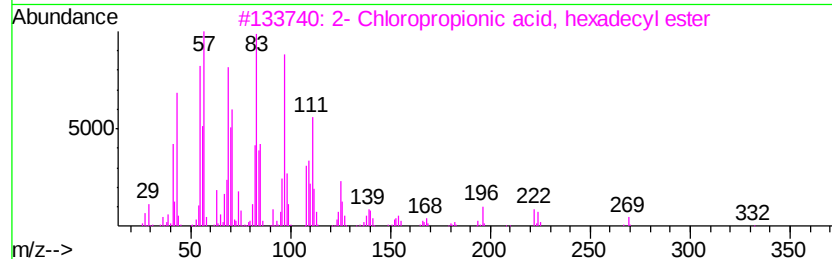
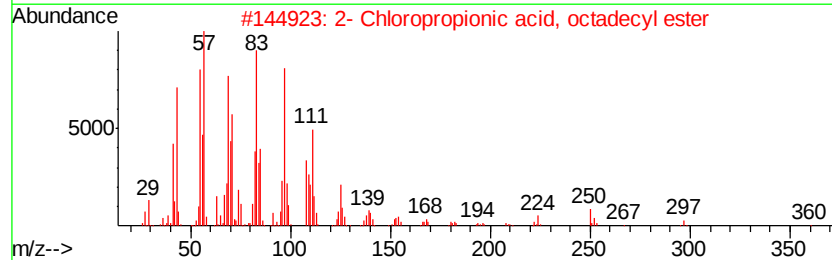
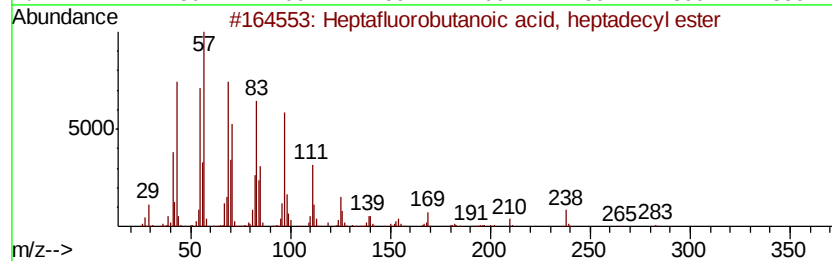
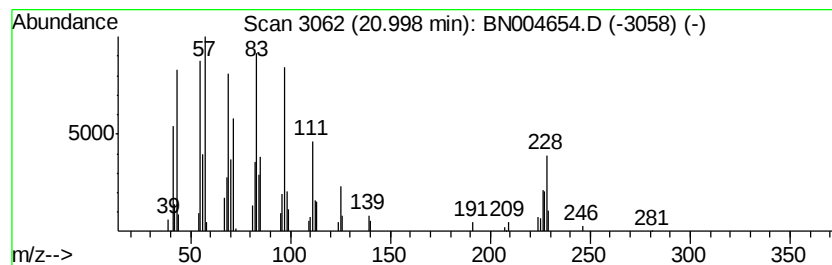
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptafluorobutanoic acid, h... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.61 ng/ul	184889	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	95
2		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3		2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	94
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	93
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91



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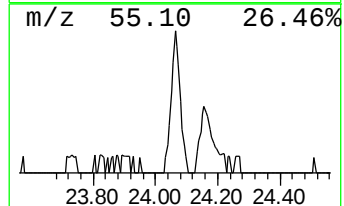
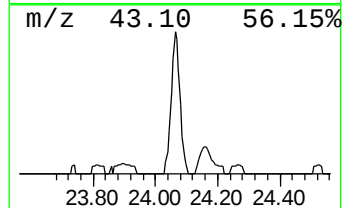
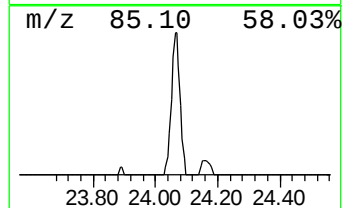
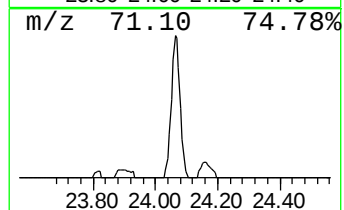
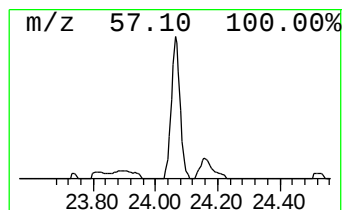
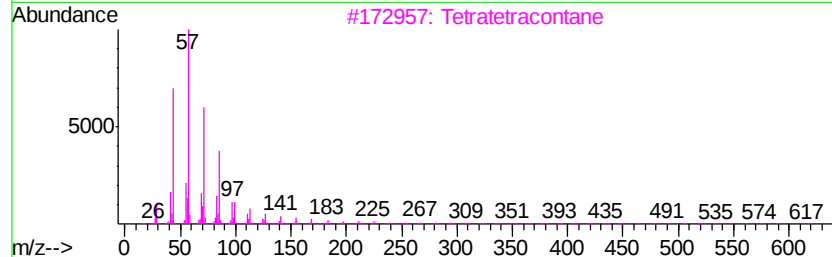
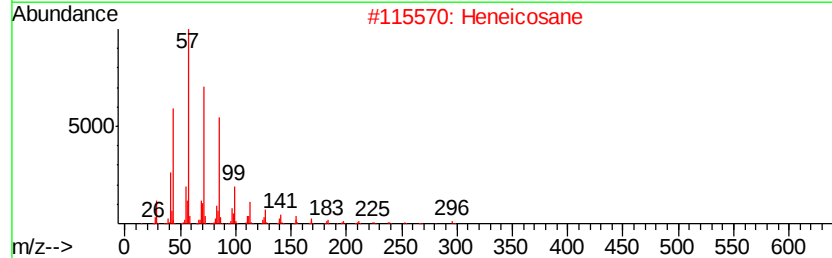
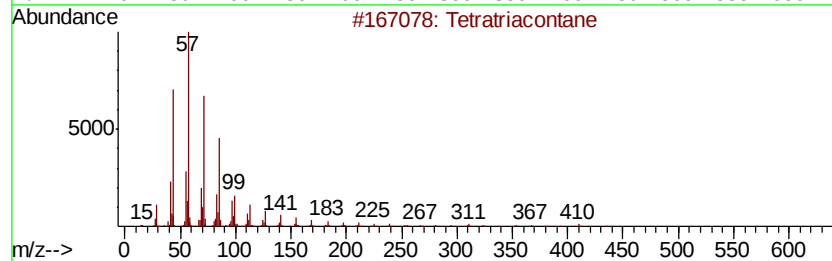
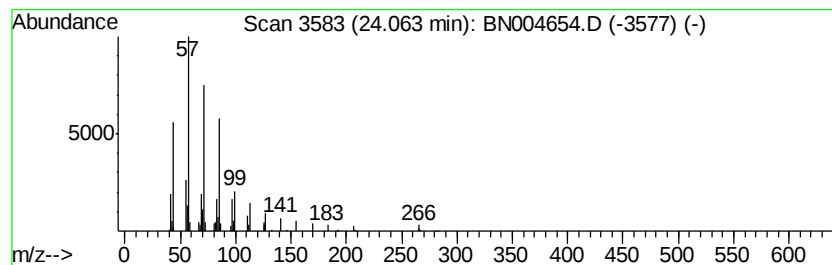
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.95 ng/ul	108390	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		Octacosane	394	C28H58	000630-02-4	91
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030719\
Data File : BN004654.D
Acq On : 08 Mar 2019 01:20
Operator : JU/SJ
Sample : K1657-03MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB648MS

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	4.6	ng/ul	147263	4	17.11	634219	20.0
Heptafluorobutano...	21.00	3.6	ng/ul	184889	5	21.31	1025250	20.0
(DEL) Alkane: Str...	24.06	3.0	ng/ul	108390	6	23.57	735440	20.0