

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030119\
 Data File : BN004578.D
 Acq On : 01 Mar 2019 15:39
 Operator : JU/SJ
 Sample : K1601-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF7Y1

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-BN020719MA.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	3.234	39	42	49	rVB	4199	5490	0.60%	0.065%
2	4.852	315	317	321	rVB	962	1107	0.12%	0.013%
3	6.893	658	664	672	rBB	69110	109972	12.09%	1.298%
4	7.069	689	694	704	rBB	63346	95051	10.45%	1.122%
5	7.258	721	726	733	rBB	75522	117963	12.97%	1.393%
6	7.734	801	807	813	rBB	97448	154867	17.03%	1.829%
7	8.422	919	924	931	rBB	93046	143955	15.83%	1.700%
8	8.893	998	1004	1010	rBB	80424	123453	13.57%	1.458%
9	9.252	1062	1065	1067	rBB2	1719	1966	0.22%	0.023%
10	9.604	1120	1125	1131	rBB	66468	98452	10.82%	1.162%
11	10.134	1209	1215	1221	rBB	110438	170993	18.80%	2.019%
12	10.516	1273	1280	1287	rBB	167266	272979	30.01%	3.223%
13	10.657	1298	1304	1313	rBB	111327	173021	19.02%	2.043%
14	12.104	1548	1550	1553	rBB	1286	1468	0.16%	0.017%
15	13.781	1829	1835	1840	rBV	245530	332011	36.50%	3.920%
16	13.828	1840	1843	1847	rVB	23791	28199	3.10%	0.333%
17	14.063	1877	1883	1889	rBV	259553	368382	40.50%	4.350%
18	14.369	1929	1935	1942	rBB2	269791	410022	45.08%	4.841%
19	14.569	1964	1969	1975	rBB	93557	129084	14.19%	1.524%
20	15.363	2098	2104	2110	rBB	359103	512439	56.34%	6.050%
21	15.481	2120	2124	2130	rBB	83326	106536	11.71%	1.258%
22	15.604	2142	2145	2148	rBB	1712	1990	0.22%	0.023%
23	16.486	2292	2295	2298	rBB	1438	1695	0.19%	0.020%
24	16.910	2364	2367	2369	rBB	1007	967	0.11%	0.011%
25	17.116	2396	2402	2408	rBV	370695	525412	57.77%	6.204%
26	17.169	2408	2411	2413	rVV	1363	1538	0.17%	0.018%
27	17.216	2413	2419	2426	rVB2	386279	542490	59.65%	6.405%
28	17.881	2528	2532	2536	rBB2	2350	3311	0.36%	0.039%
29	18.004	2548	2553	2562	rVV	40850	58176	6.40%	0.687%
30	18.081	2564	2566	2570	rVB	1583	1431	0.16%	0.017%
31	18.281	2596	2600	2604	rBB	502	1107	0.12%	0.013%
32	18.504	2632	2638	2642	rBV	1956	3819	0.42%	0.045%
33	18.763	2678	2682	2685	rBV	1193	1294	0.14%	0.015%
34	18.845	2692	2696	2701	rBV	8508	10752	1.18%	0.127%

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35	18.916	2704	2708	2715	rVB	3680	4147	0.46%	0.049%
36	19.151	2743	2748	2753	rBV	3564	5058	0.56%	0.060%
37	19.286	2767	2771	2777	rBV	16919	19697	2.17%	0.233%
38	19.398	2786	2790	2795	rBV2	5989	7622	0.84%	0.090%
39	19.516	2804	2810	2817	rVB2	492458	676908	74.42%	7.992%
40	20.551	2983	2986	2988	rVB2	2989	2809	0.31%	0.033%
41	20.669	3004	3006	3009	rBV	966	1203	0.13%	0.014%
42	21.016	3060	3065	3077	rBV	83649	113176	12.44%	1.336%
43	21.222	3097	3100	3103	rBV	7813	8161	0.90%	0.096%
44	21.316	3111	3116	3122	rBV	618920	751590	82.64%	8.874%
45	21.422	3132	3134	3135	rBV	1934	1236	0.14%	0.015%
46	21.457	3135	3140	3145	rVV	17254	22340	2.46%	0.264%
47	21.886	3209	3213	3223	rBV	31893	44359	4.88%	0.524%
48	22.351	3288	3292	3300	rBV	50915	67119	7.38%	0.792%
49	22.863	3373	3379	3384	rVB	64593	94582	10.40%	1.117%
50	23.433	3468	3476	3488	rVB	519761	909528	100.00%	10.739%
51	23.580	3493	3501	3509	rVV	450029	812712	89.36%	9.596%
52	24.080	3580	3586	3594	rVB	67510	123856	13.62%	1.462%
53	24.174	3596	3602	3612	rBV2	18026	41944	4.61%	0.495%
54	24.833	3707	3714	3723	rBV2	48572	101112	11.12%	1.194%
55	25.710	3856	3863	3873	rVB	27428	70231	7.72%	0.829%
56	26.745	4031	4039	4047	rVB3	17456	51884	5.70%	0.613%
57	27.962	4241	4246	4256	rVB4	8460	26725	2.94%	0.316%

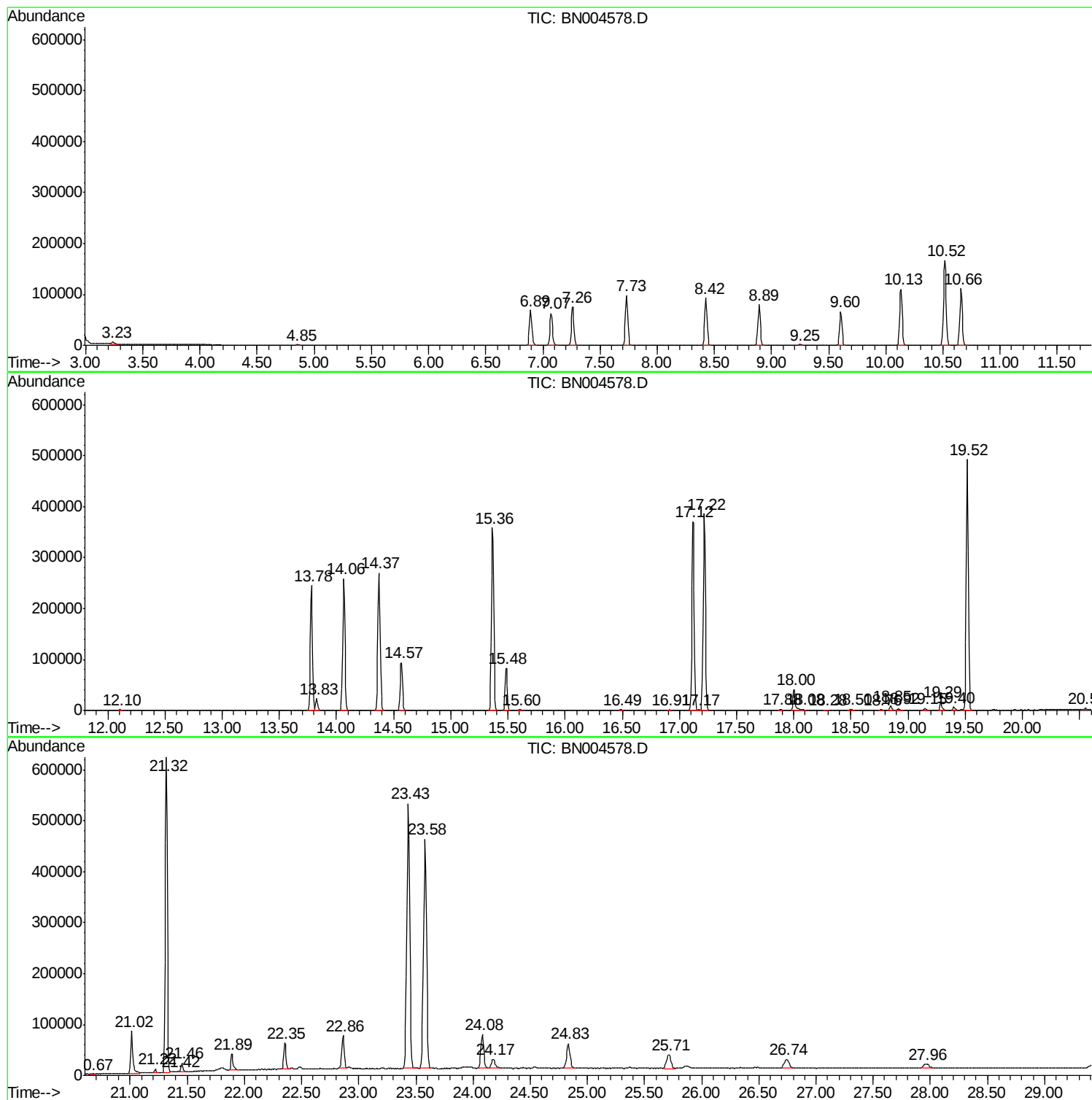
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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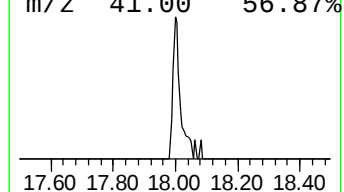
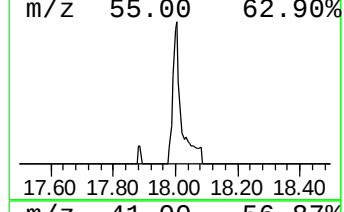
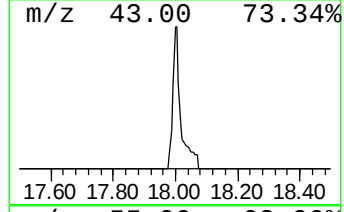
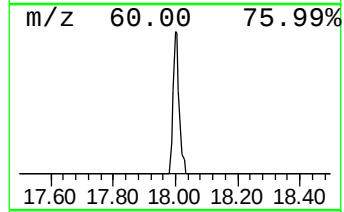
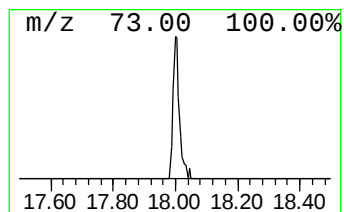
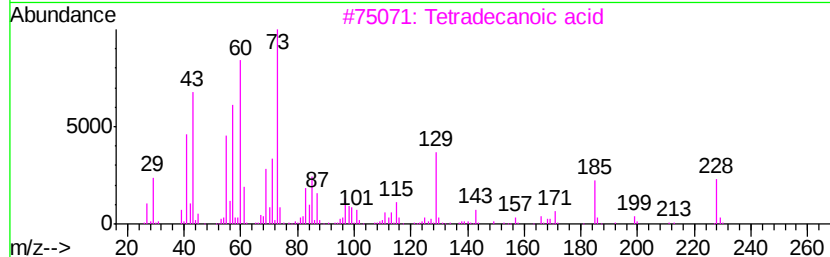
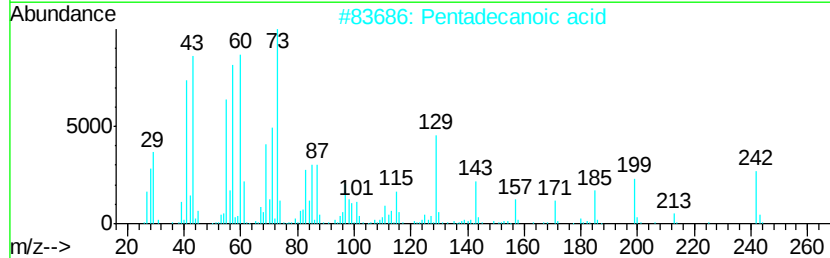
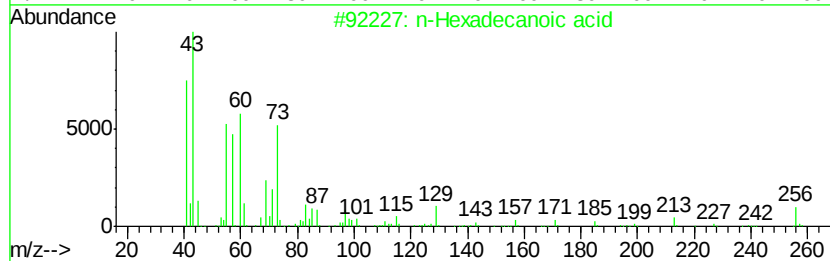
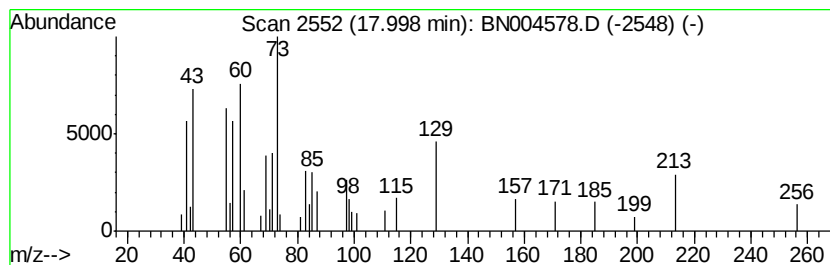
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	2.21 ng/ul	58176	Phenanthrene-d10	17.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		n-Decanoic acid	172	C10H20O2	000334-48-5	59
5		n-Decanoic acid	172	C10H20O2	000334-48-5	53



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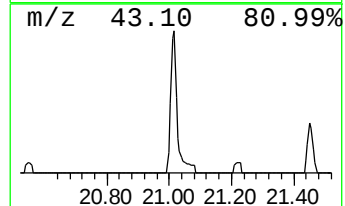
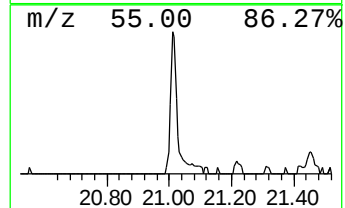
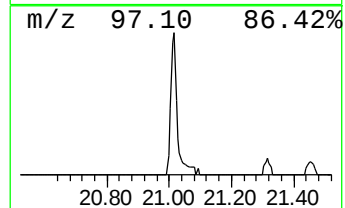
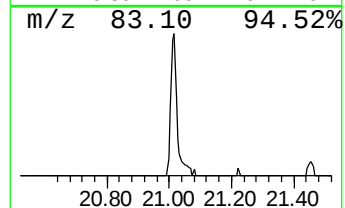
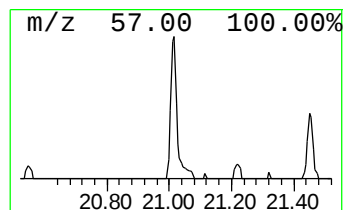
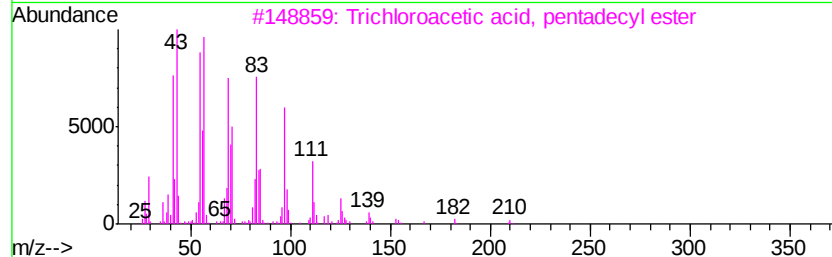
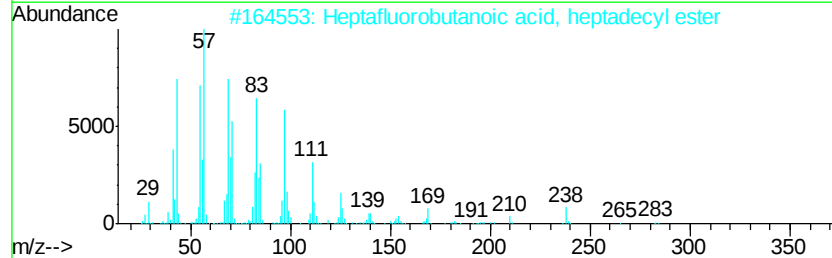
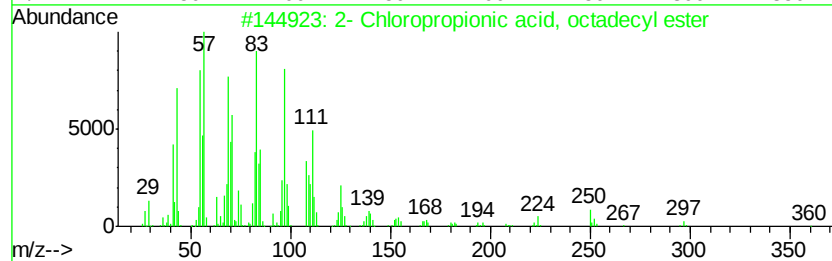
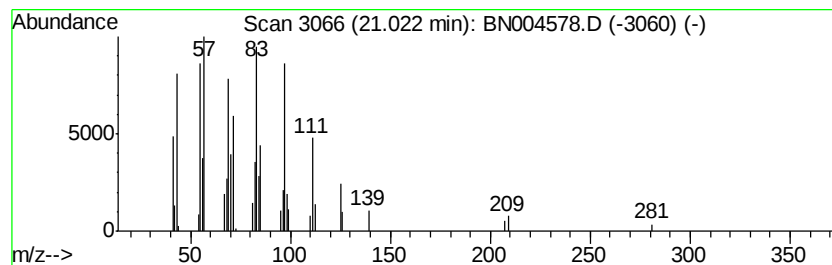
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 2- Chloropropionic acid, oc... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	3.01 ng/ul	113176	Chrysene-d12	21.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
2			Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
3			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5			1-Nonadecene	266	C19H38	018435-45-5	90



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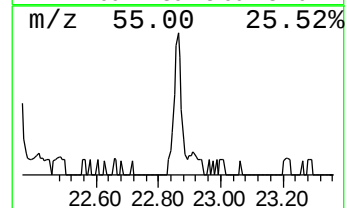
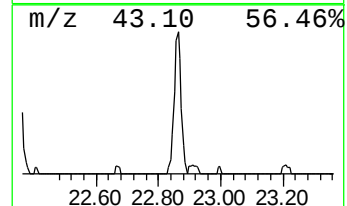
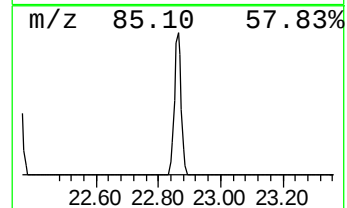
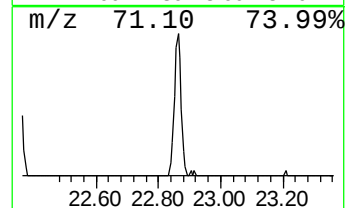
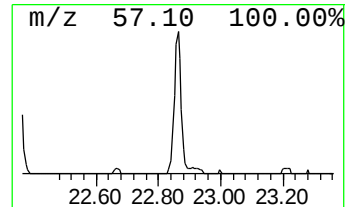
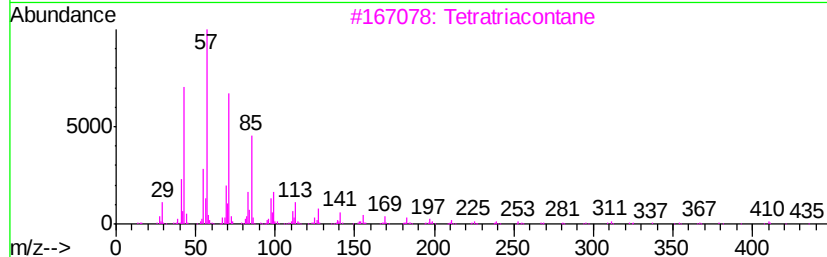
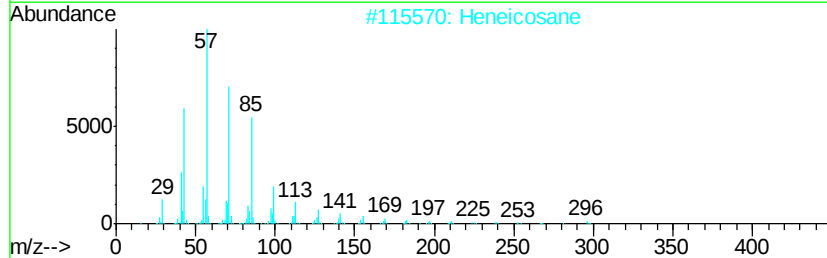
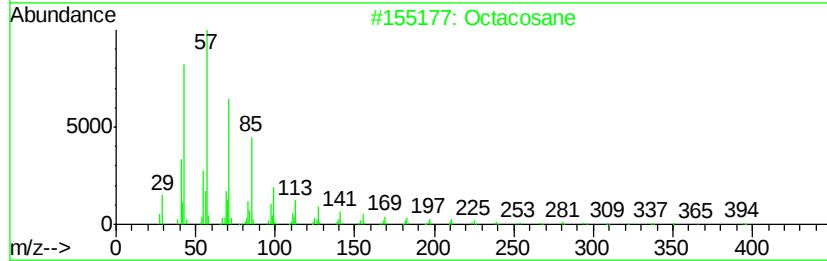
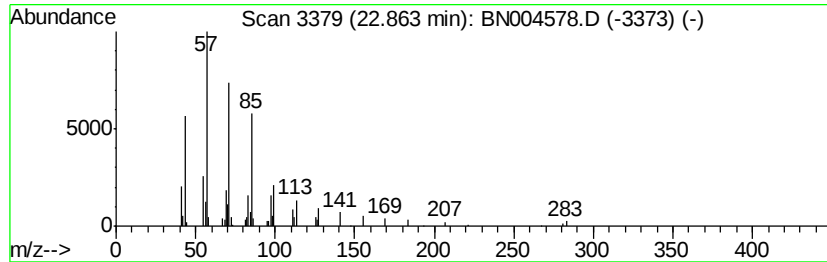
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	2.33 ng/ul	94582	Perylene-d12	23.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Octacosane	394	C28H58	000630-02-4	91



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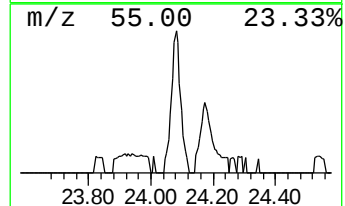
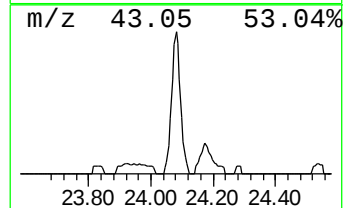
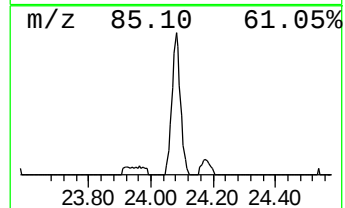
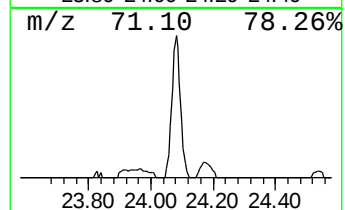
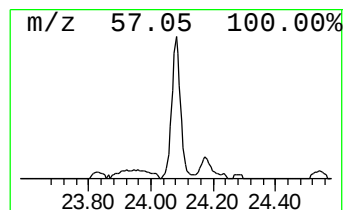
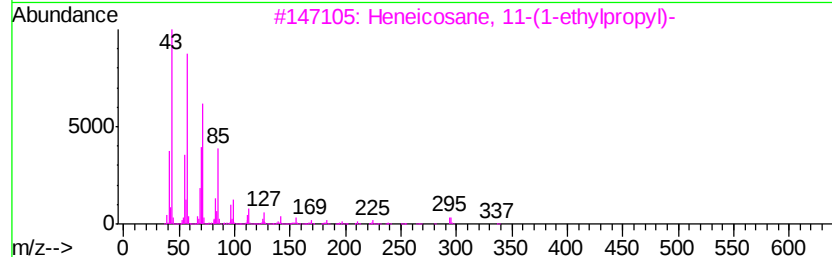
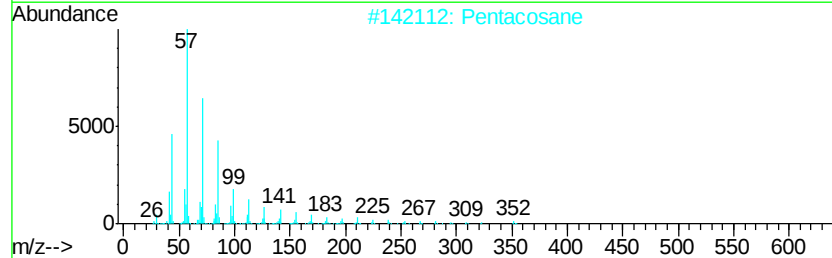
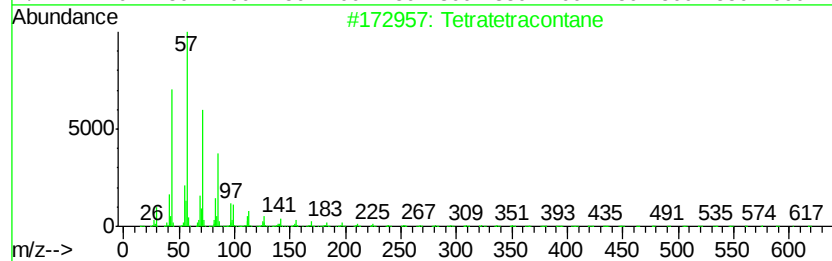
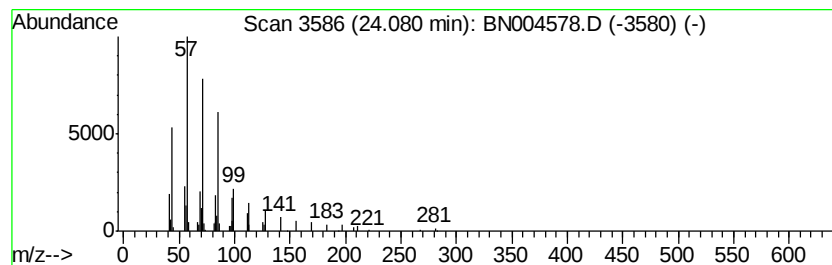
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	3.05 ng/ul	123856	Perylene-d12	23.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Pentacosane	352	C25H52	000629-99-2	91
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



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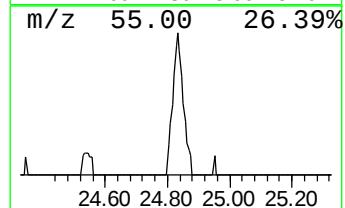
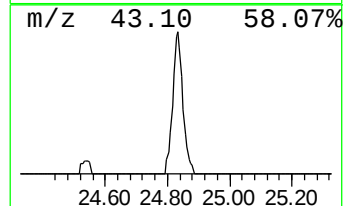
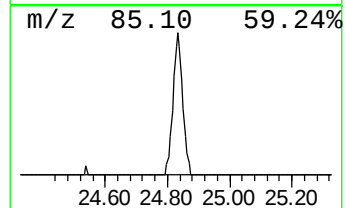
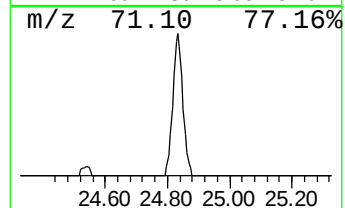
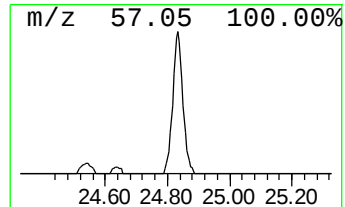
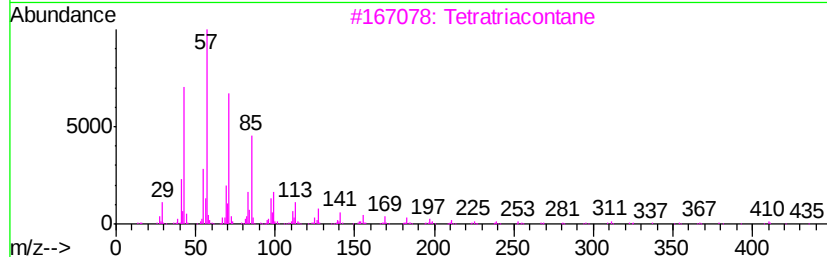
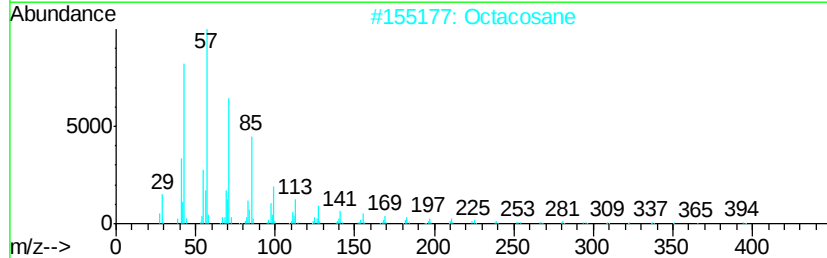
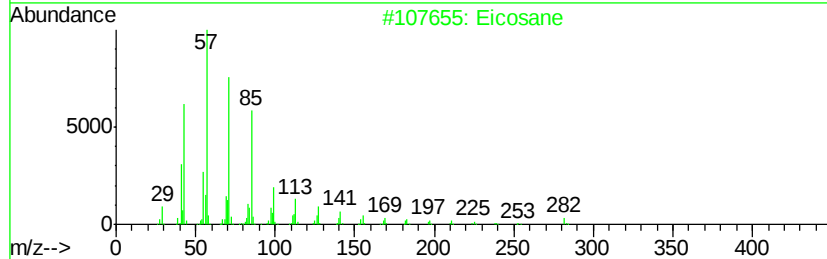
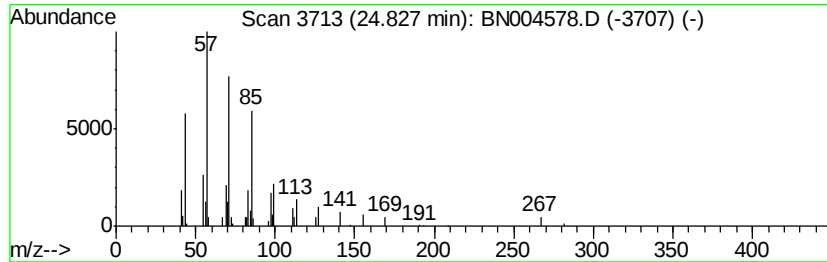
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.83	2.49 ng/ul	101112	Perylene-d12	23.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		Hexatriacontane	507	C36H74	000630-06-8	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030119\
Data File : BN004578.D
Acq On : 01 Mar 2019 15:39
Operator : JU/SJ
Sample : K1601-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF7Y1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.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	18.00	2.2	ng/ul	58176	4	17.12	525412	20.0
2- Chloropropioni...	21.02	3.0	ng/ul	113176	5	21.32	751590	20.0
(DEL) Alkane: Str...	22.86	2.3	ng/ul	94582	6	23.58	812712	20.0
(DEL) Alkane: Str...	24.08	3.0	ng/ul	123856	6	23.58	812712	20.0
(DEL) Alkane: Str...	24.83	2.5	ng/ul	101112	6	23.58	812712	20.0