

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
 Data File : BM022257.D
 Acq On : 23 Aug 2019 15:45
 Operator : HP/JU
 Sample : K4337-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC6

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	121	125	133	rVB3	3402	7039	0.47%	0.059%
2	4.210	205	208	210	rBV2	1371	1797	0.12%	0.015%
3	6.757	636	641	650	rBV3	34105	67978	4.54%	0.572%
4	6.916	663	668	683	rBB	110137	179690	12.01%	1.512%
5	7.093	693	698	708	rBV	143043	238949	15.97%	2.010%
6	7.557	772	777	786	rBB	105790	162855	10.88%	1.370%
7	8.275	894	899	908	rBV	107685	184230	12.31%	1.550%
8	8.728	970	976	988	rBV	173350	288553	19.29%	2.428%
9	9.440	1091	1097	1109	rBB	162983	271705	18.16%	2.286%
10	9.975	1182	1188	1207	rBV	181350	382843	25.59%	3.221%
11	10.334	1242	1249	1260	rBB	150988	246085	16.45%	2.070%
12	10.534	1277	1283	1292	rBB3	5247	10907	0.73%	0.092%
13	11.945	1519	1523	1527	rBB2	2021	2974	0.20%	0.025%
14	13.263	1743	1747	1750	rBB2	1647	2307	0.15%	0.019%
15	13.639	1805	1811	1816	rBV	484159	656332	43.87%	5.522%
16	13.686	1816	1819	1826	rVB	49561	69156	4.62%	0.582%
17	13.910	1850	1857	1869	rBV	505984	747712	49.97%	6.291%
18	14.216	1902	1909	1916	rBV	261515	374241	25.01%	3.149%
19	14.351	1926	1932	1934	rBV	1369	1915	0.13%	0.016%
20	14.504	1953	1958	1971	rBV3	13864	38730	2.59%	0.326%
21	15.010	2042	2044	2048	rVB	1969	1789	0.12%	0.015%
22	15.063	2050	2053	2057	rVB2	2459	2723	0.18%	0.023%
23	15.216	2073	2079	2086	rBV	645187	928288	62.04%	7.810%
24	15.380	2102	2107	2117	rBV	211996	309427	20.68%	2.603%
25	15.457	2117	2120	2124	rVB2	4606	6411	0.43%	0.054%
26	15.916	2196	2198	2203	rBV2	2024	3062	0.20%	0.026%
27	16.010	2210	2214	2218	rBV3	3891	6950	0.46%	0.058%
28	16.051	2218	2221	2226	rVB3	3903	5278	0.35%	0.044%
29	16.116	2226	2232	2235	rBV3	2600	3676	0.25%	0.031%
30	16.174	2239	2242	2243	rBV2	1429	1631	0.11%	0.014%
31	16.445	2284	2288	2291	rBV2	1971	2979	0.20%	0.025%
32	16.510	2295	2299	2301	rVB2	1531	1972	0.13%	0.017%
33	16.545	2304	2305	2310	rBV3	1240	1772	0.12%	0.015%
34	16.715	2331	2334	2338	rBV2	1780	2605	0.17%	0.022%

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35	16.792	2346	2347	2350	rVB	1999	1724	0.12%	0.015%
36	16.863	2357	2359	2362	rBV3	2392	3040	0.20%	0.026%
37	16.892	2362	2364	2367	rVB2	2142	1867	0.12%	0.016%
38	16.974	2373	2378	2385	rVB2	349843	474104	31.69%	3.989%
39	17.074	2389	2395	2407	rVV	771252	1115475	74.55%	9.385%
40	17.198	2413	2416	2421	rVB	4905	6703	0.45%	0.056%
41	17.263	2425	2427	2431	rBV3	2207	2258	0.15%	0.019%
42	17.457	2455	2460	2462	rVV4	2515	4001	0.27%	0.034%
43	17.586	2478	2482	2486	rBV2	7457	10790	0.72%	0.091%
44	17.745	2507	2509	2513	rVB4	1949	2649	0.18%	0.022%
45	17.874	2525	2531	2542	rBV	121296	174497	11.66%	1.468%
46	18.062	2561	2563	2565	rVB3	2102	1654	0.11%	0.014%
47	18.110	2567	2571	2574	rVB4	1757	1791	0.12%	0.015%
48	18.145	2574	2577	2581	rBV5	5174	7168	0.48%	0.060%
49	18.292	2600	2602	2603	rBV2	1933	1713	0.11%	0.014%
50	18.327	2606	2608	2610	rVV3	1801	1694	0.11%	0.014%
51	18.362	2612	2614	2616	rVV3	2371	1599	0.11%	0.013%
52	18.410	2619	2622	2623	rBV2	2122	2193	0.15%	0.018%
53	18.521	2636	2641	2643	rBV5	3379	5184	0.35%	0.044%
54	18.592	2651	2653	2655	rBV2	3898	2938	0.20%	0.025%
55	18.621	2657	2658	2662	rBV3	2393	2561	0.17%	0.022%
56	18.686	2667	2669	2672	rVB4	3195	3394	0.23%	0.029%
57	18.715	2672	2674	2676	rBV3	2621	2295	0.15%	0.019%
58	18.792	2684	2687	2691	rBV4	8706	11457	0.77%	0.096%
59	18.862	2698	2699	2703	rVB4	3311	2546	0.17%	0.021%
60	18.980	2717	2719	2720	rBV2	2609	1785	0.12%	0.015%
61	19.015	2721	2725	2729	rBV	19251	27324	1.83%	0.230%
62	19.162	2746	2750	2756	rBV2	70081	95556	6.39%	0.804%
63	19.268	2765	2768	2773	rBV3	6331	7345	0.49%	0.062%
64	19.386	2782	2788	2793	rBV	1128854	1496180	100.00%	12.588%
65	19.474	2801	2803	2806	rBV3	3839	4180	0.28%	0.035%
66	19.580	2819	2821	2824	rVB4	5161	4663	0.31%	0.039%
67	19.915	2873	2878	2882	rBV5	19718	25154	1.68%	0.212%
68	20.421	2960	2964	2967	rBV2	28464	34663	2.32%	0.292%
69	20.892	3039	3044	3053	rBV3	92802	137432	9.19%	1.156%
70	21.186	3089	3094	3102	rBV	524772	653362	43.67%	5.497%
71	21.321	3114	3117	3120	rVB2	51670	50852	3.40%	0.428%

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72	21.745	3186	3189	3193	rBV2	58130	65497	4.38%	0.551%
73	22.192	3262	3265	3272	rBV	65361	87339	5.84%	0.735%
74	22.680	3345	3348	3353	rVB	76824	101451	6.78%	0.854%
75	23.244	3436	3444	3453	rVB	727318	1382448	92.40%	11.631%
76	23.380	3461	3467	3478	rVB	310734	532763	35.61%	4.482%
77	23.839	3541	3545	3552	rVB	66251	118133	7.90%	0.994%

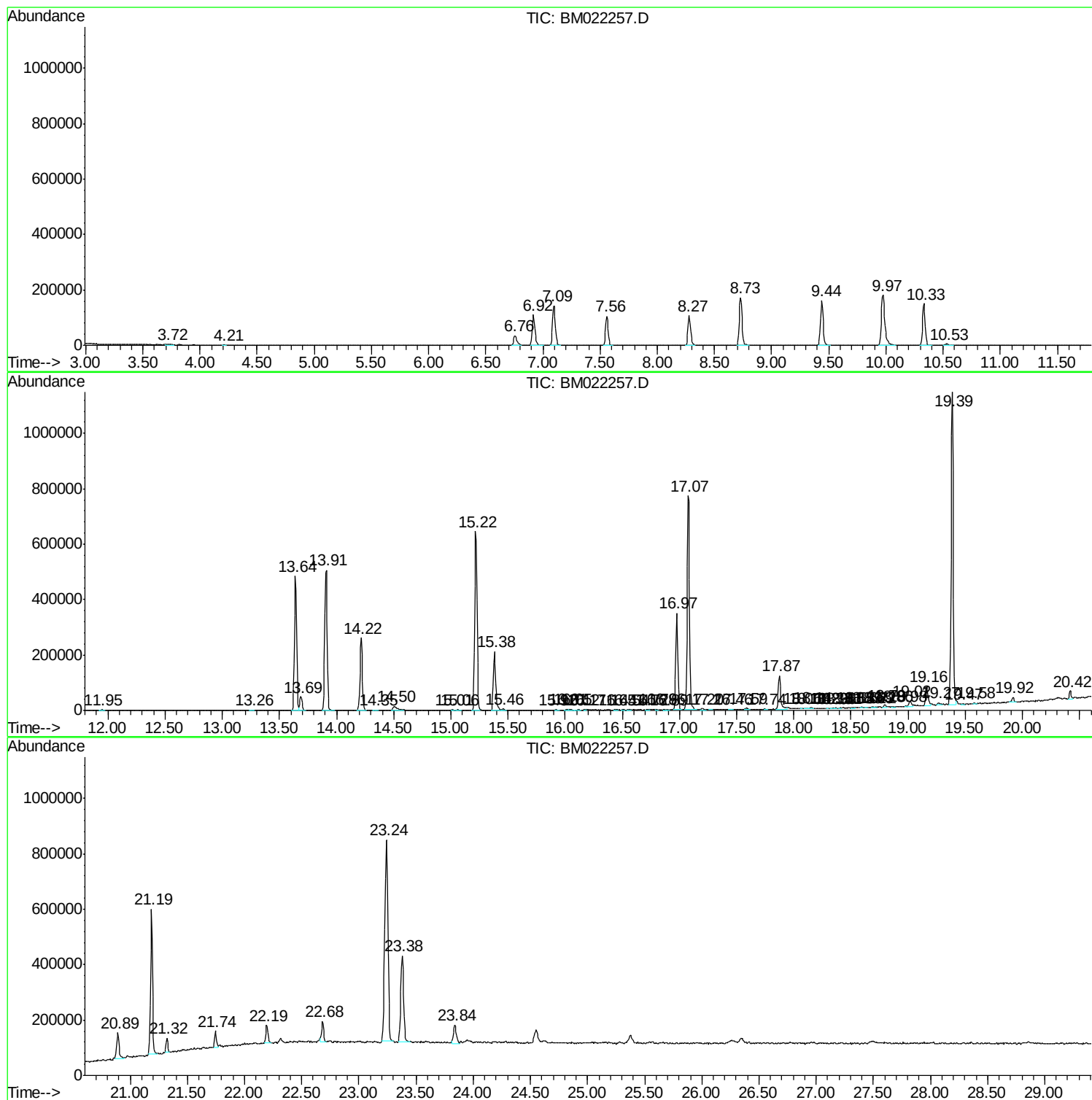
Sum of corrected areas: 11885983

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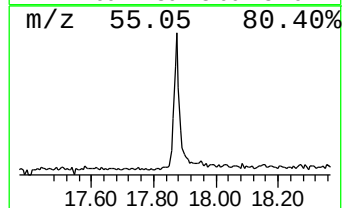
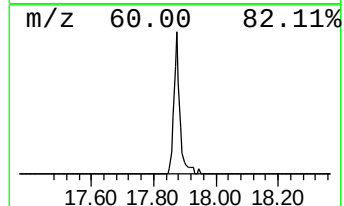
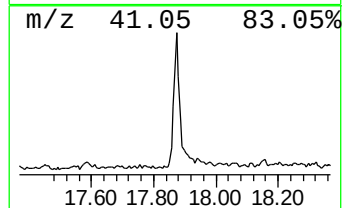
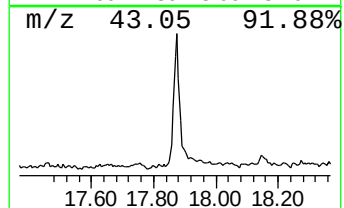
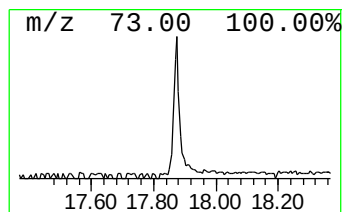
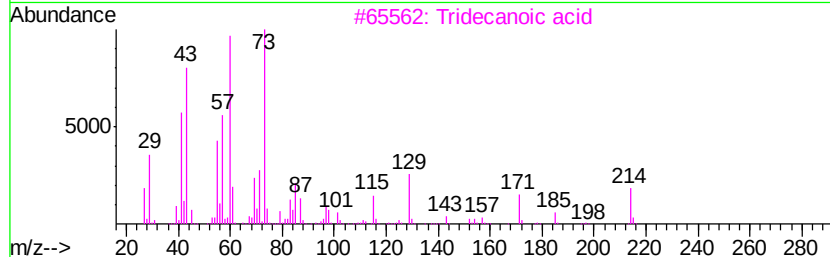
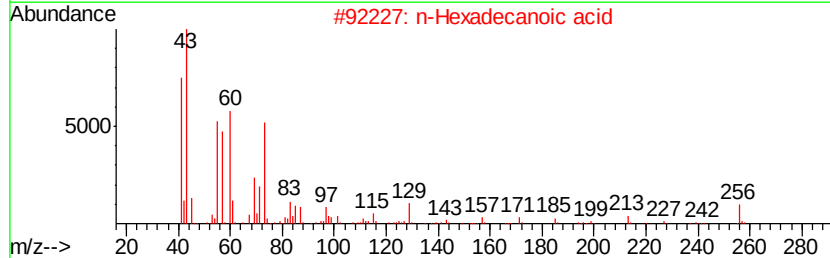
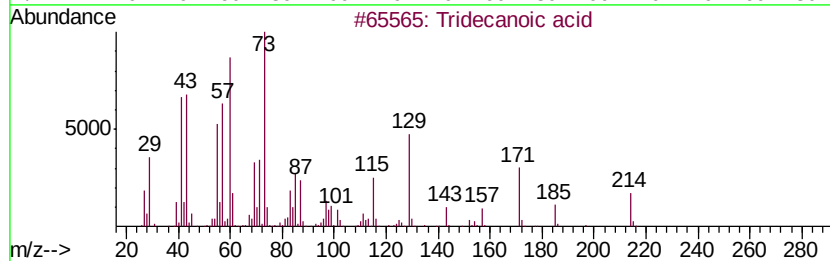
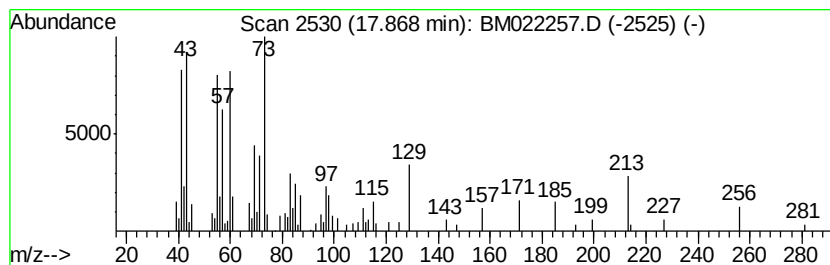
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	7.36 ng/ul	174497	Phenanthrene-d10	16.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Tridecanoic acid	214	C13H26O2	000638-53-9	95
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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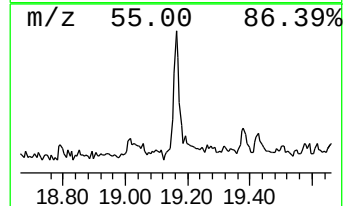
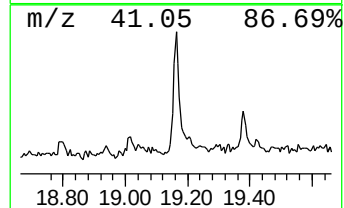
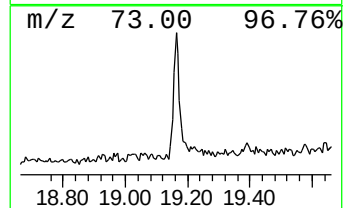
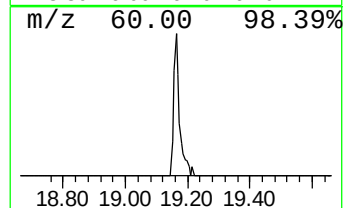
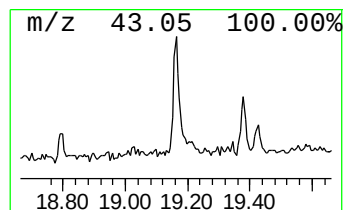
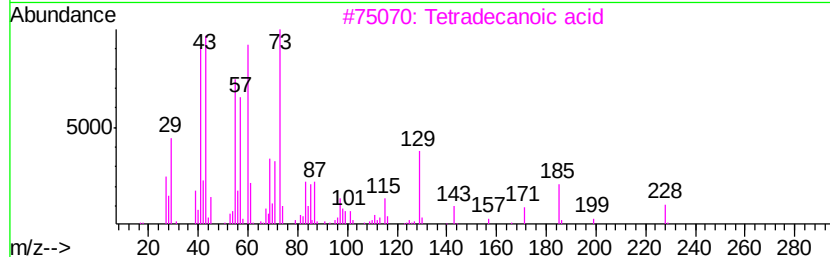
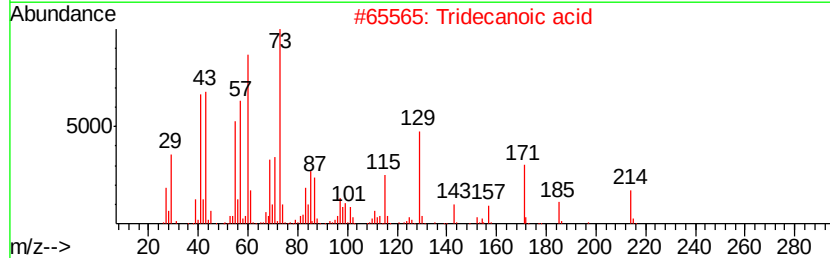
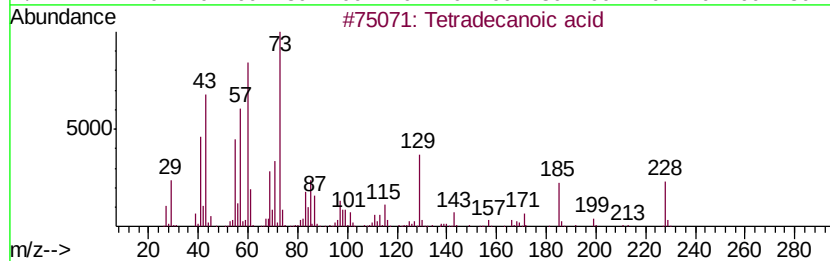
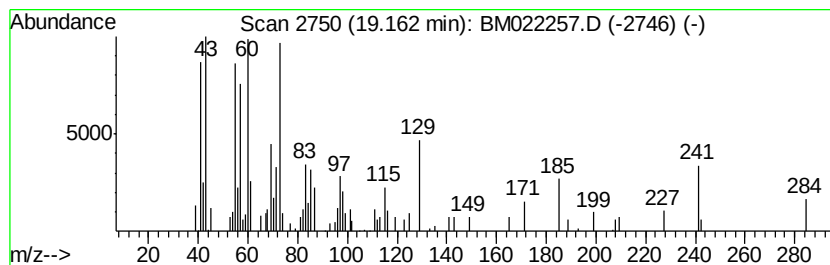
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.16	2.93 ng/ul	95556	Chrysene-d12		21.19
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
2	Tridecanoic acid	214	C13H26O2	000638-53-9	59
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50



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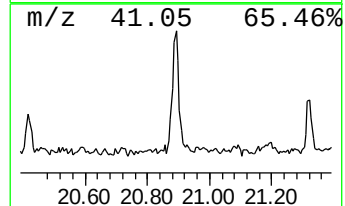
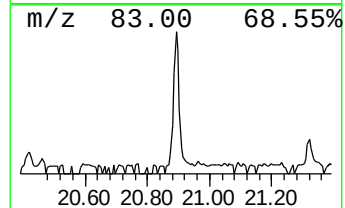
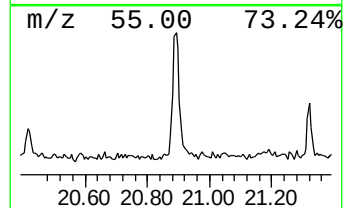
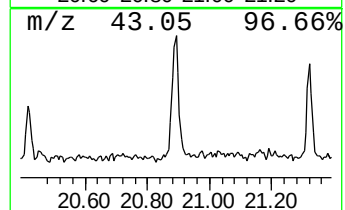
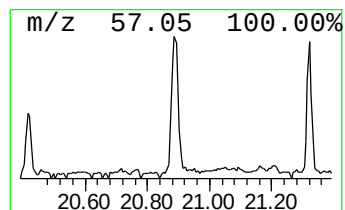
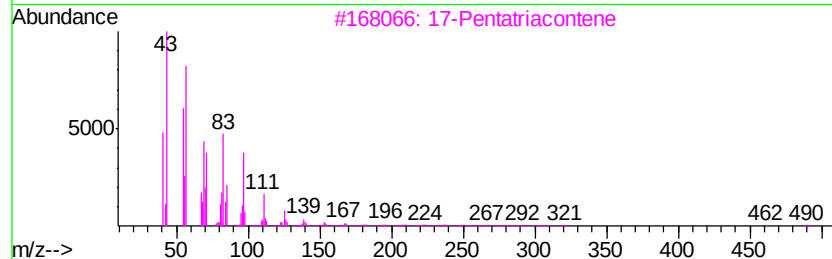
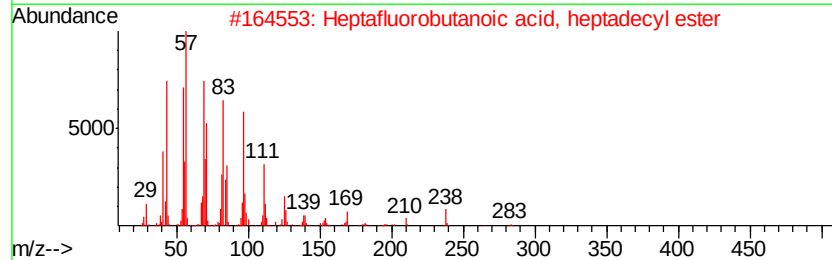
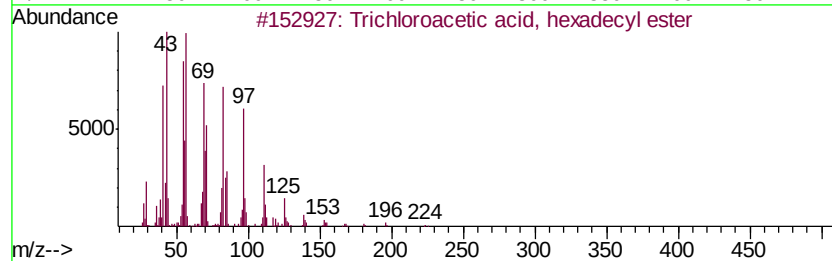
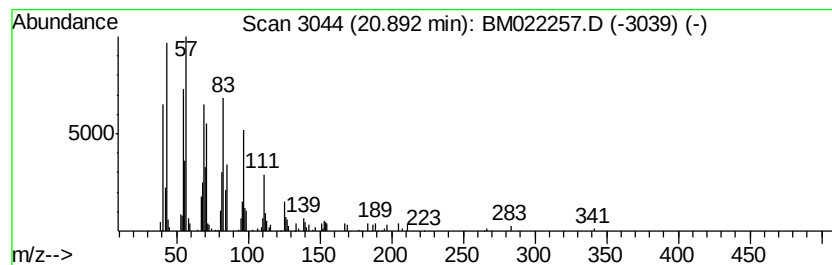
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Peak Number 3 Trichloroacetic acid, hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.89	4.21 ng/ul	137432	Chrysene-d12	21.19		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
2		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
3		17-Pentatriacontene	491	C35H70	006971-40-0	91
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87



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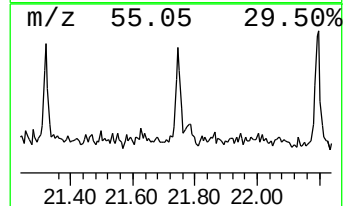
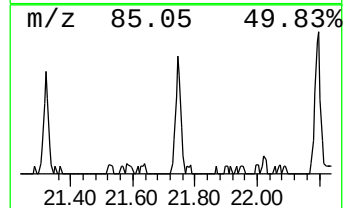
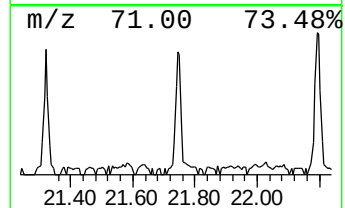
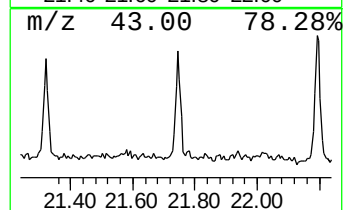
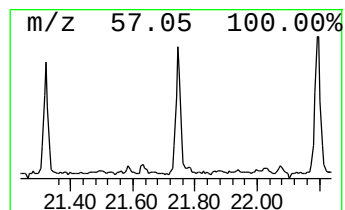
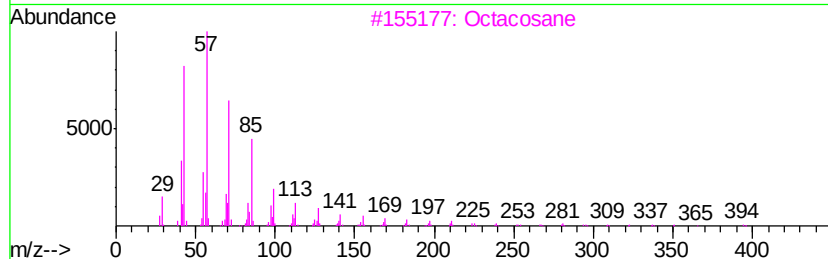
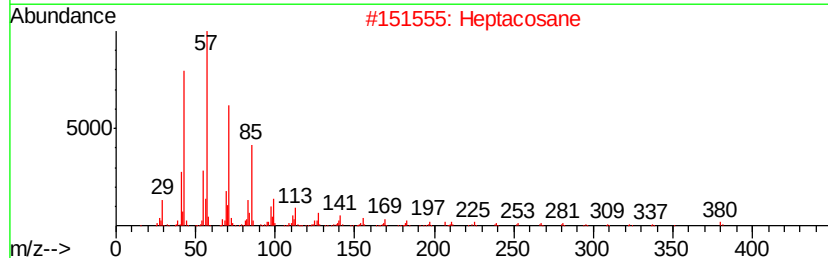
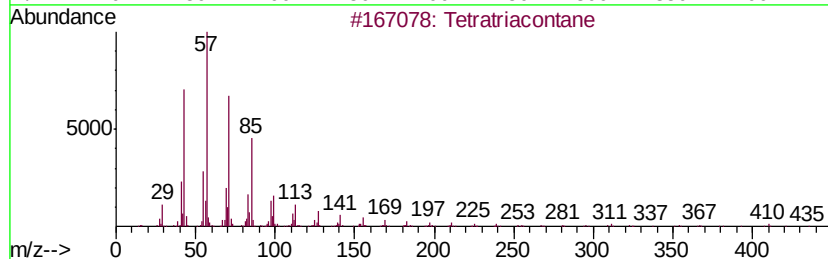
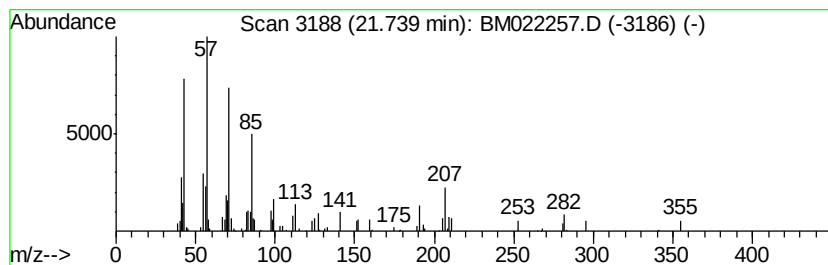
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	2.00 ng/ul	65497	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	81
2		Heptacosane	380	C27H56	000593-49-7	81
3		Octacosane	394	C28H58	000630-02-4	81
4		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	74
5		Pentacosane	352	C25H52	000629-99-2	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022257.D
Acq On : 23 Aug 2019 15:45
Operator : HP/JU
Sample : K4337-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC6

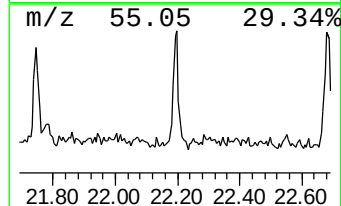
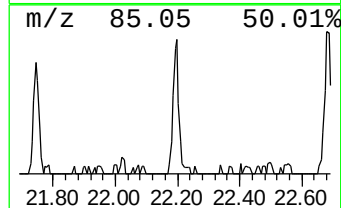
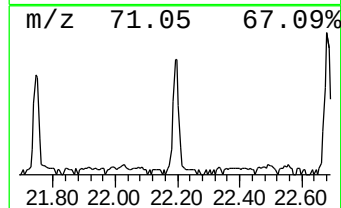
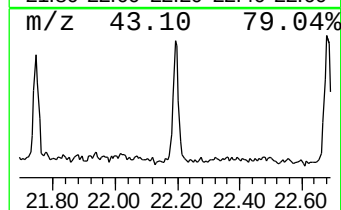
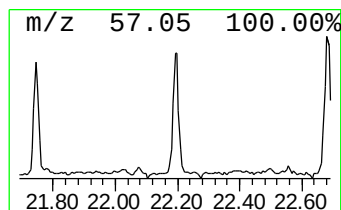
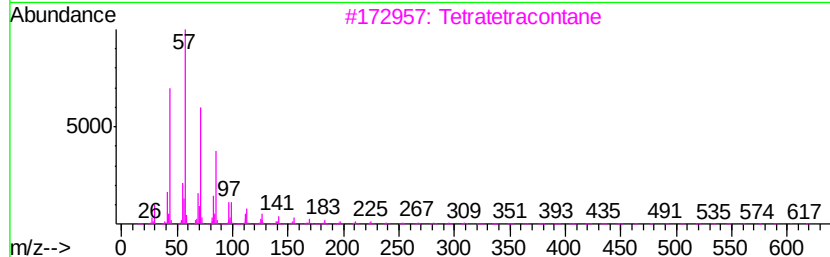
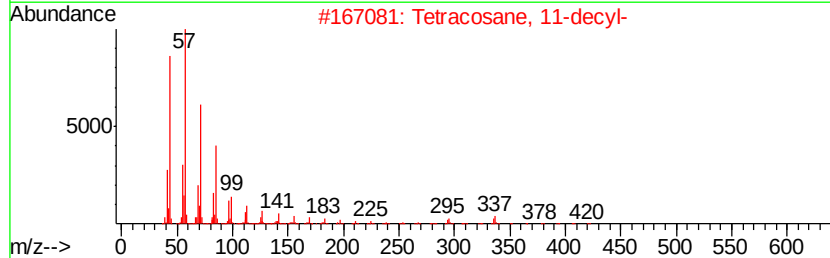
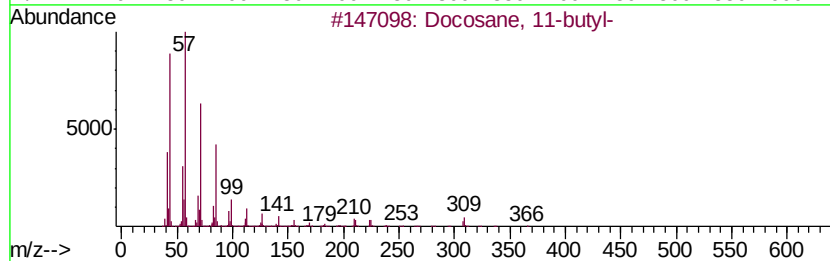
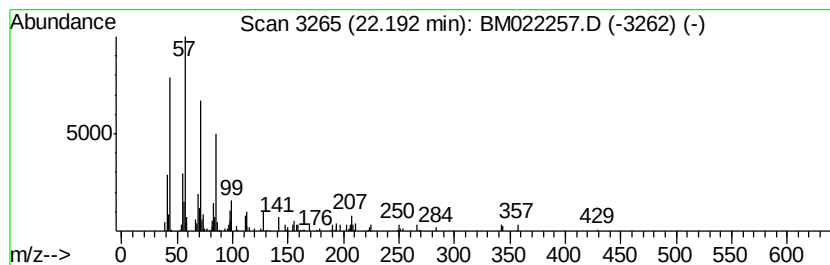
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	2.67 ng/ul	87339	Chrysene-d12	21.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Docosane, 11-butyl-	366	C26H54	013475-76-8	90
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Tetratriacontane	479	C34H70	014167-59-0	90
5		Docosane, 9-butyl-	366	C26H54	055282-14-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022257.D
Acq On : 23 Aug 2019 15:45
Operator : HP/JU
Sample : K4337-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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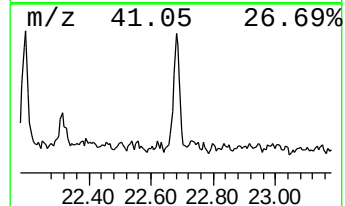
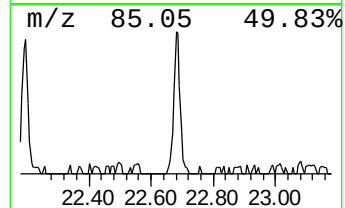
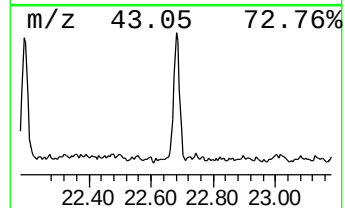
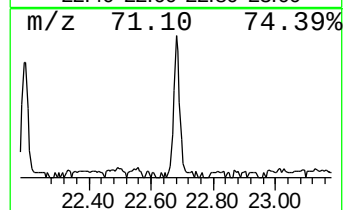
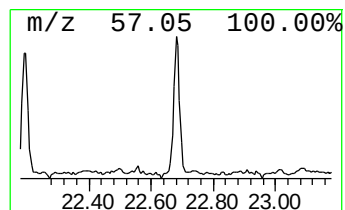
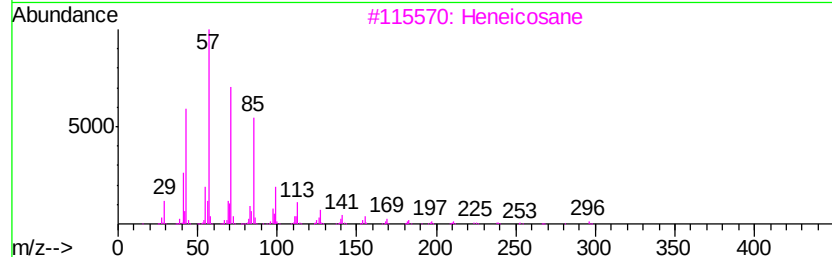
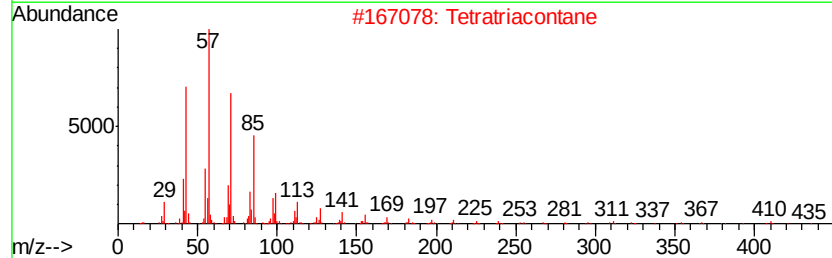
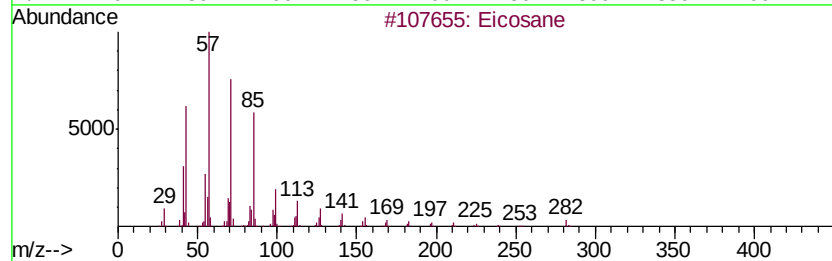
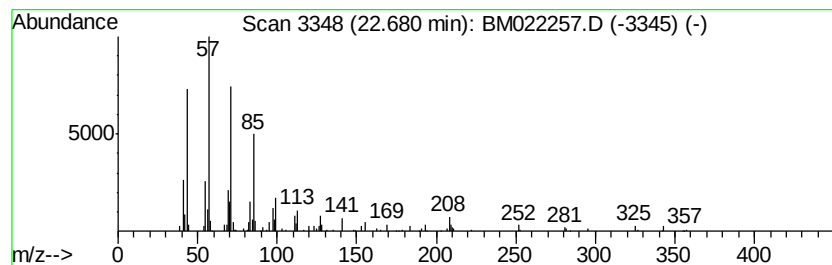
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.68	3.81 ng/ul	101451	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Tetratriacontane	479	C34H70	014167-59-0	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022257.D
Acq On : 23 Aug 2019 15:45
Operator : HP/JU
Sample : K4337-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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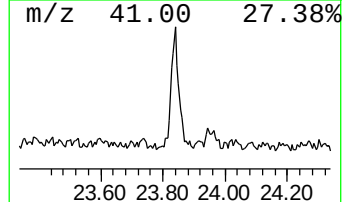
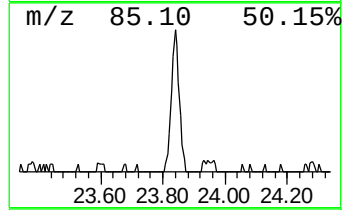
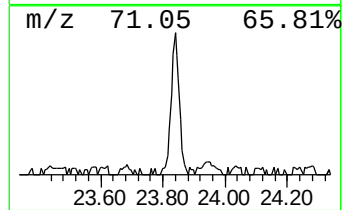
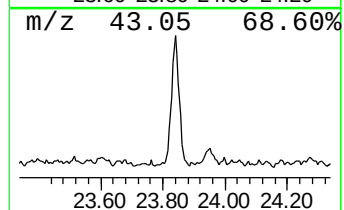
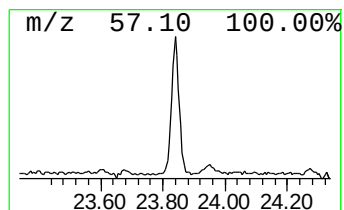
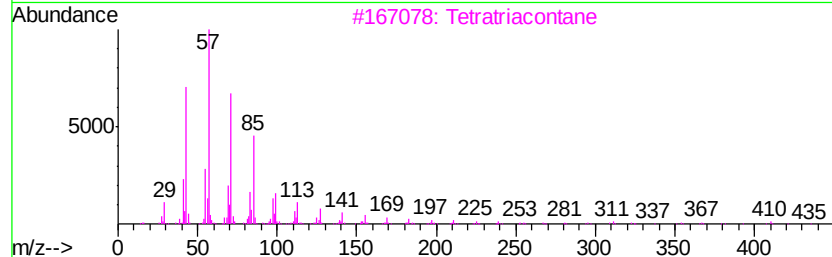
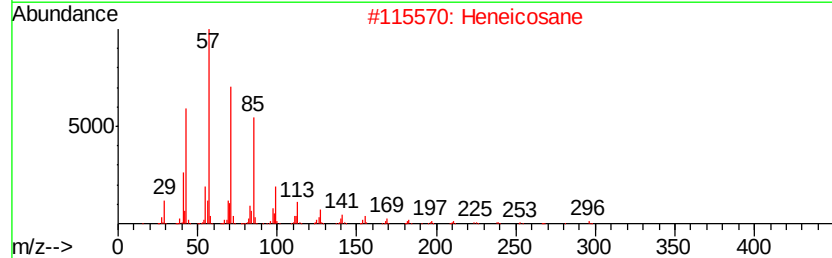
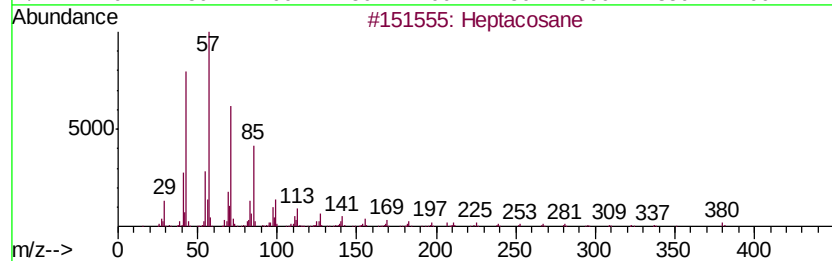
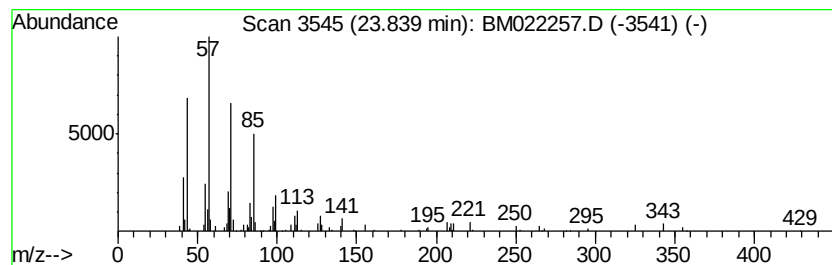
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	4.43 ng/ul	118133	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tetratriacontane	479	C34H70	014167-59-0	90
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
5		Pentacosane	352	C25H52	000629-99-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Data File : BM022257.D
Acq On : 23 Aug 2019 15:45
Operator : HP/JU
Sample : K4337-01
Misc :
ALS Vial : 11 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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecanoic acid	17.87	7.4	ng/ul	174497	4	16.97	474104	20.0
Tetradecanoic acid	19.16	2.9	ng/ul	95556	5	21.19	653362	20.0
Trichloroacetic a...	20.89	4.2	ng/ul	137432	5	21.19	653362	20.0
(DEL) Alkane: Str...	21.74	2.0	ng/ul	65497	5	21.19	653362	20.0
(DEL) Alkane: Str...	22.19	2.7	ng/ul	87339	5	21.19	653362	20.0
(DEL) Alkane: Str...	22.68	3.8	ng/ul	101451	6	23.38	532763	20.0
(DEL) Alkane: Str...	23.84	4.4	ng/ul	118133	6	23.38	532763	20.0