

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
 Data File : BN000633.D
 Acq On : 26 Mar 2018 22:45
 Operator : JU/SJ
 Sample : J1986-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEH2

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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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	3.584	20	25	32	rVB	32943	47658	1.35%	0.119%
2	4.408	161	165	171	rVB	6841	10442	0.30%	0.026%
3	5.402	328	334	339	rVB3	4193	7453	0.21%	0.019%
4	6.413	502	506	513	rBV	16271	24649	0.70%	0.062%
5	7.549	692	699	709	rBV	471296	790974	22.49%	1.979%
6	7.713	718	727	737	rBV	496335	779200	22.15%	1.949%
7	7.807	740	743	748	rVB3	4123	5358	0.15%	0.013%
8	7.931	757	764	773	rBV	532315	874023	24.85%	2.187%
9	8.407	838	845	857	rVB	573641	931042	26.47%	2.329%
10	9.119	959	966	975	rBV	499790	814675	23.16%	2.038%
11	9.590	1039	1046	1055	rBV	565505	945390	26.88%	2.365%
12	9.678	1056	1061	1066	rVV2	10341	19656	0.56%	0.049%
13	9.719	1066	1068	1074	rVB3	3880	6263	0.18%	0.016%
14	9.943	1102	1106	1110	rVB	12620	16907	0.48%	0.042%
15	10.319	1163	1170	1179	rVB	451923	759391	21.59%	1.900%
16	10.866	1256	1263	1275	rBV	656562	1120040	31.84%	2.802%
17	11.248	1320	1328	1335	rBV	815648	1375601	39.11%	3.441%
18	11.378	1341	1350	1362	rBV	588208	1019703	28.99%	2.551%
19	12.425	1522	1528	1533	rVB	47587	65740	1.87%	0.164%
20	12.619	1555	1561	1568	rBV4	4664	7570	0.22%	0.019%
21	12.678	1568	1571	1575	rBV2	5152	7542	0.21%	0.019%
22	12.807	1588	1593	1598	rBV2	10889	17581	0.50%	0.044%
23	13.148	1646	1651	1654	rBV3	4369	6411	0.18%	0.016%
24	13.378	1685	1690	1696	rVB3	2758	4799	0.14%	0.012%
25	13.619	1728	1731	1735	rBV	4041	5279	0.15%	0.013%
26	13.819	1761	1765	1770	rBV	13623	18252	0.52%	0.046%
27	13.895	1773	1778	1781	rBV2	3262	4967	0.14%	0.012%
28	14.342	1847	1854	1857	rBV5	4672	9103	0.26%	0.023%
29	14.419	1857	1867	1871	rVV	1332386	1909887	54.30%	4.778%
30	14.460	1871	1874	1879	rVV	306607	403472	11.47%	1.009%
31	14.507	1879	1882	1889	rVB3	7843	12991	0.37%	0.032%
32	14.589	1889	1896	1899	rBV3	5460	9418	0.27%	0.024%
33	14.642	1899	1905	1906	rBV3	3647	5645	0.16%	0.014%
34	14.730	1913	1920	1929	rBV	1530278	2341531	66.57%	5.858%

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35	14.878	1938	1945	1950	rBV	74055	91884	2.61%	0.230%
36	14.954	1953	1958	1961	rBV3	4436	7279	0.21%	0.018%
37	15.030	1963	1971	1980	rVV2	1159407	1784569	50.73%	4.464%
38	15.219	1997	2003	2014	rBV	445178	715787	20.35%	1.791%
39	15.319	2017	2020	2026	rVV3	11606	24632	0.70%	0.062%
40	15.372	2026	2029	2034	rVV	11150	17020	0.48%	0.043%
41	15.425	2035	2038	2043	rVV2	8318	12336	0.35%	0.031%
42	15.489	2043	2049	2057	rVV3	18095	31250	0.89%	0.078%
43	15.560	2057	2061	2067	rVB4	9011	13479	0.38%	0.034%
44	15.713	2082	2087	2090	rBV5	3081	5610	0.16%	0.014%
45	15.778	2090	2098	2101	rBV	42867	57573	1.64%	0.144%
46	15.819	2101	2105	2111	rVB	111705	133363	3.79%	0.334%
47	15.883	2111	2116	2119	rBV2	5791	10010	0.28%	0.025%
48	15.925	2120	2123	2131	rVB8	3794	7035	0.20%	0.018%
49	16.013	2131	2138	2151	rVB	1928707	2820610	80.19%	7.056%
50	16.130	2152	2158	2166	rBV	426667	607912	17.28%	1.521%
51	16.219	2166	2173	2175	rBV	22812	42831	1.22%	0.107%
52	16.313	2186	2189	2193	rVV	6366	8291	0.24%	0.021%
53	16.372	2195	2199	2202	rBV2	11180	15940	0.45%	0.040%
54	16.436	2206	2210	2218	rVB4	15825	22597	0.64%	0.057%
55	16.630	2237	2243	2246	rBV5	6416	10372	0.29%	0.026%
56	16.672	2246	2250	2258	rBV	102658	164976	4.69%	0.413%
57	16.930	2291	2294	2296	rBV2	5872	7325	0.21%	0.018%
58	17.013	2304	2308	2312	rBV4	9613	17184	0.49%	0.043%
59	17.072	2315	2318	2321	rVV2	7602	9810	0.28%	0.025%
60	17.125	2323	2327	2332	rVB3	6478	8096	0.23%	0.020%
61	17.177	2332	2336	2342	rVB2	8381	12073	0.34%	0.030%
62	17.242	2342	2347	2349	rBV3	7376	10532	0.30%	0.026%
63	17.277	2349	2353	2358	rVV5	7038	13094	0.37%	0.033%
64	17.354	2362	2366	2370	rVB4	8341	10791	0.31%	0.027%
65	17.460	2379	2384	2388	rBV	77198	91750	2.61%	0.230%
66	17.507	2388	2392	2396	rVV	20106	30357	0.86%	0.076%
67	17.542	2396	2398	2404	rVB2	8649	11405	0.32%	0.029%
68	17.613	2404	2410	2413	rBV7	4712	9502	0.27%	0.024%
69	17.754	2422	2434	2444	rBV	1469635	2141043	60.87%	5.356%
70	17.854	2444	2451	2460	rVB2	2117086	3047331	86.63%	7.624%
71	17.924	2460	2463	2468	rVB4	6719	7808	0.22%	0.020%

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72	17.989	2471	2474	2482	rVB2	6158	8023	0.23%	0.020%
73	18.113	2493	2495	2500	rVV2	6104	7098	0.20%	0.018%
74	18.189	2503	2508	2514	rBV	48581	57631	1.64%	0.144%
75	18.366	2535	2538	2545	rVB	11490	15932	0.45%	0.040%
76	18.477	2549	2557	2563	rBV5	6487	19364	0.55%	0.048%
77	18.589	2571	2576	2585	rBV	138476	229608	6.53%	0.574%
78	18.789	2607	2610	2613	rBV4	3723	5125	0.15%	0.013%
79	18.871	2620	2624	2627	rBV	18631	19888	0.57%	0.050%
80	18.907	2628	2630	2634	rVB2	6316	6286	0.18%	0.016%
81	18.966	2637	2640	2644	rBV5	5545	8729	0.25%	0.022%
82	19.113	2663	2665	2668	rBV4	5042	5714	0.16%	0.014%
83	19.377	2707	2710	2711	rBV2	4693	4462	0.13%	0.011%
84	19.483	2726	2728	2731	rVV2	8216	8022	0.23%	0.020%
85	19.513	2731	2733	2736	rVB4	6755	5575	0.16%	0.014%
86	19.742	2766	2772	2776	rBV	29634	47930	1.36%	0.120%
87	19.836	2784	2788	2797	rBV	42151	73978	2.10%	0.185%
88	19.995	2811	2815	2820	rVB	26805	33900	0.96%	0.085%
89	20.107	2828	2834	2844	rVB	2610608	3517602	100.00%	8.800%
90	21.071	2995	2998	3001	rBV4	13290	13273	0.38%	0.033%
91	21.524	3072	3075	3086	rBV2	182071	307562	8.74%	0.769%
92	21.877	3129	3135	3145	rBV	1678641	2386568	67.85%	5.971%
93	22.442	3228	3231	3235	rBV	33828	45989	1.31%	0.115%
94	22.948	3313	3317	3322	rBV2	82359	117250	3.33%	0.293%
95	23.506	3407	3412	3421	rVB2	135601	238357	6.78%	0.596%
96	24.136	3515	3519	3522	rBV	133996	214892	6.11%	0.538%
97	24.195	3522	3529	3540	rVB2	1550199	3221505	91.58%	8.059%
98	24.354	3548	3556	3564	rVB	1080264	2309249	65.65%	5.777%
99	24.859	3637	3642	3649	rVB	156320	325033	9.24%	0.813%
100	25.695	3779	3784	3793	rVB2	131182	306006	8.70%	0.766%

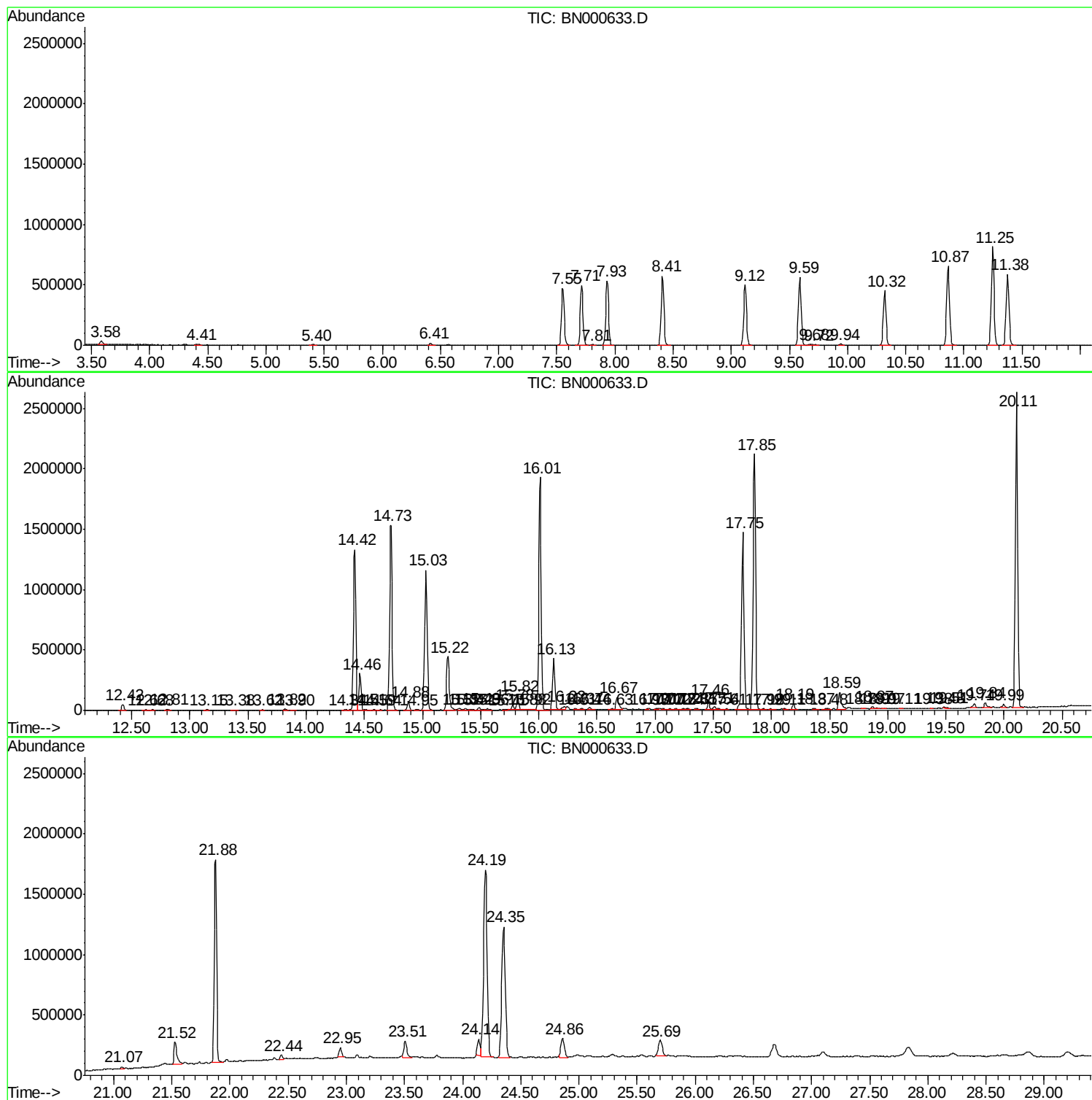
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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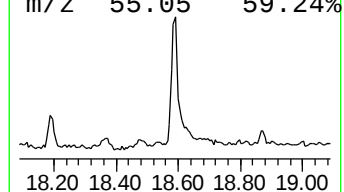
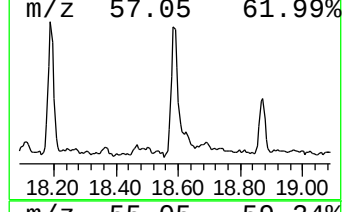
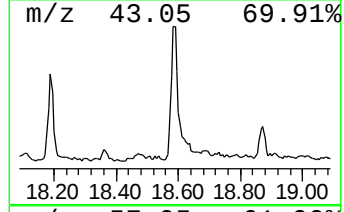
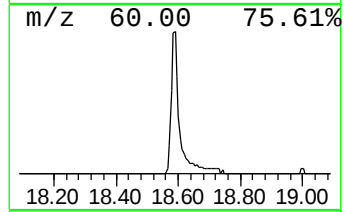
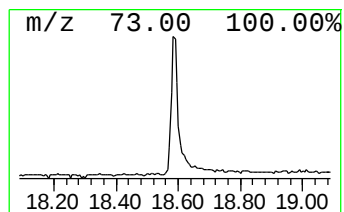
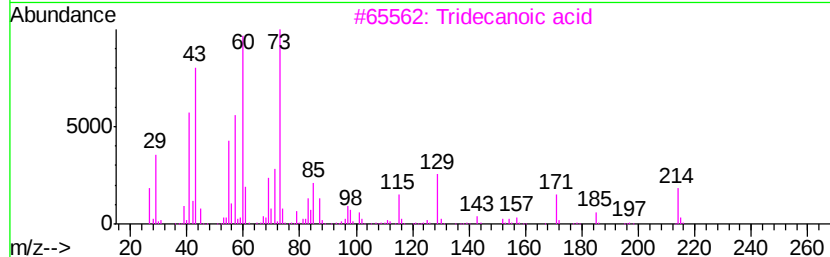
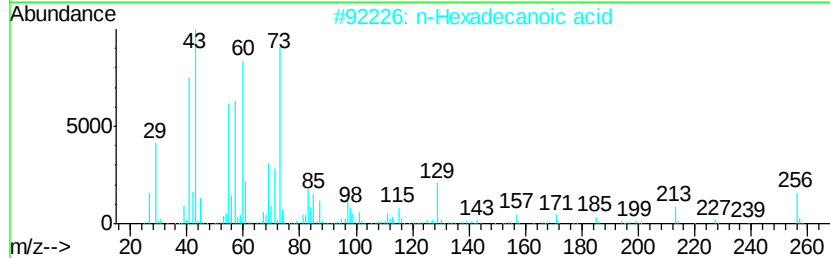
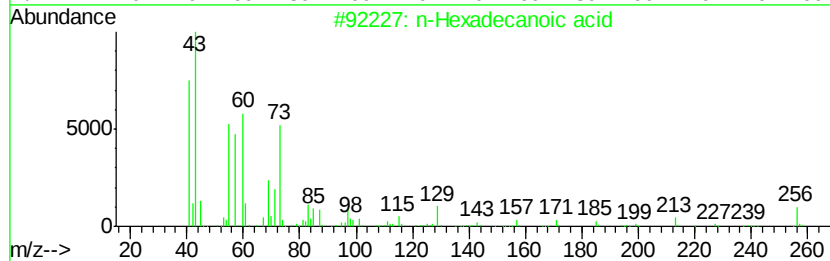
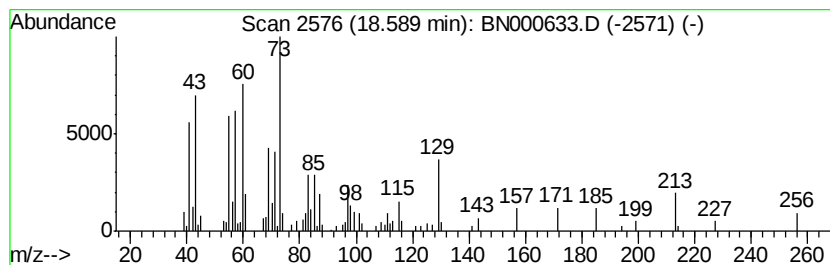
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	2.14 ng/ul	229608	Phenanthrene-d10	17.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72	



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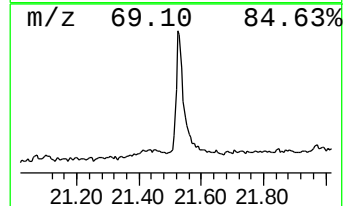
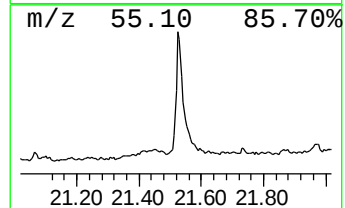
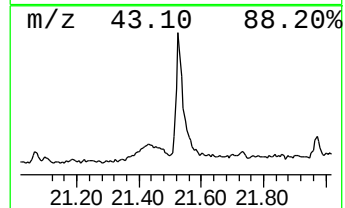
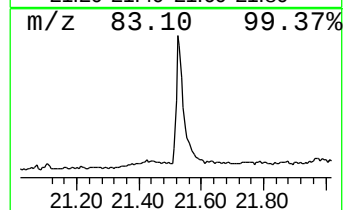
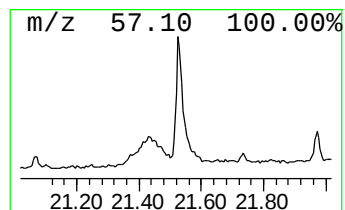
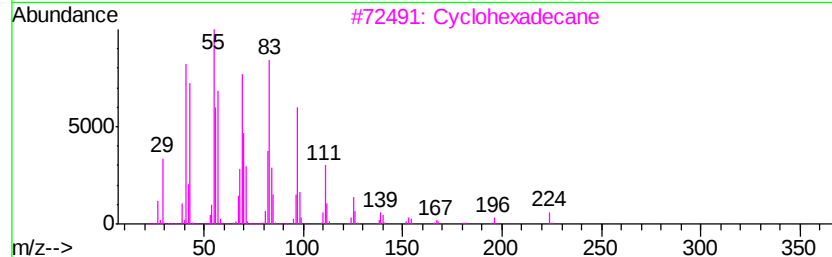
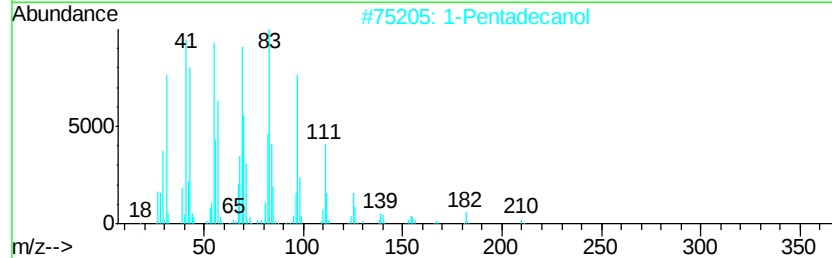
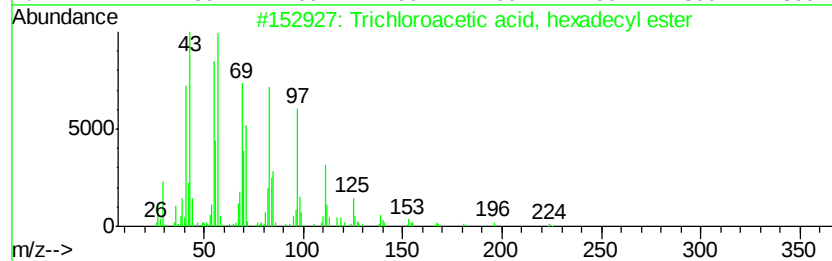
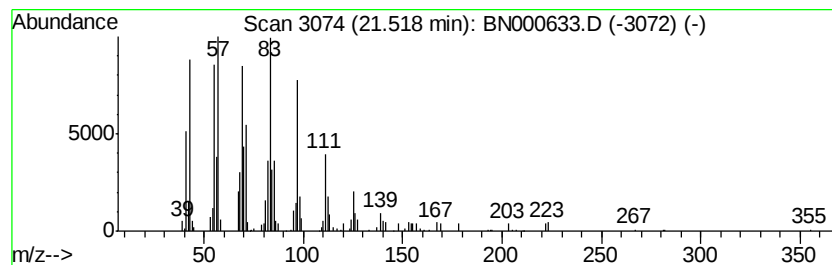
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Trichloroacetic acid, hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	2.58 ng/ul	307562	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		1-Pentadecanol	228	C15H32O	000629-76-5	90
3		Cyclohexadecane	224	C16H32	000295-65-8	90
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90



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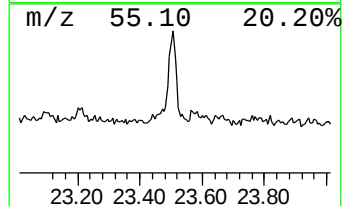
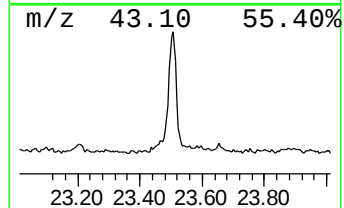
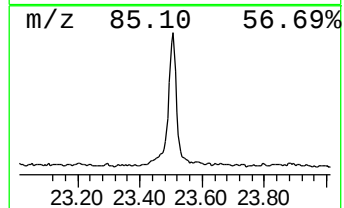
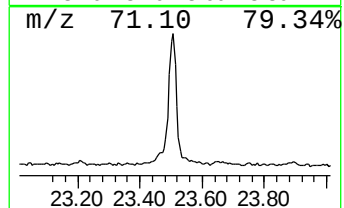
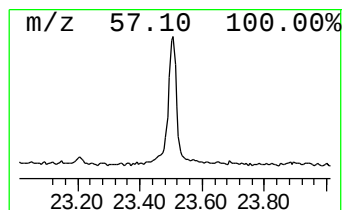
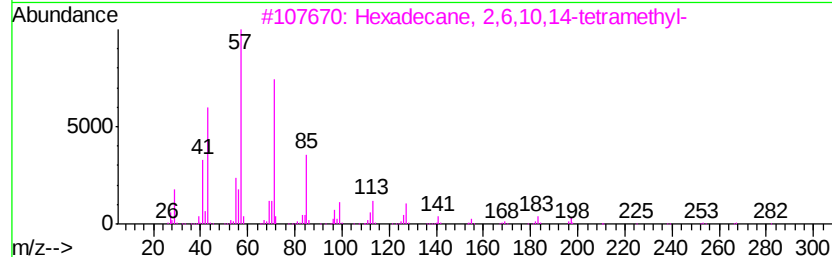
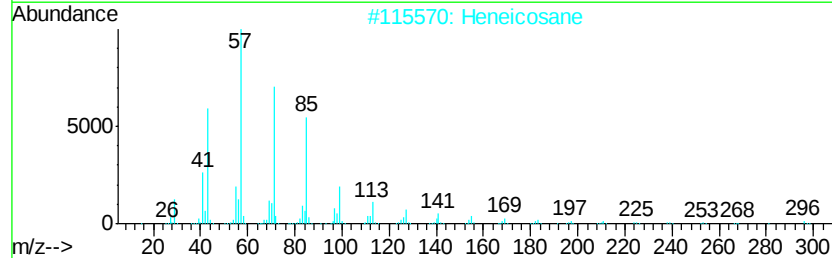
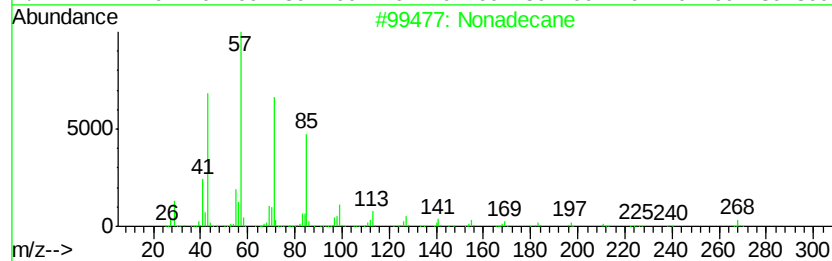
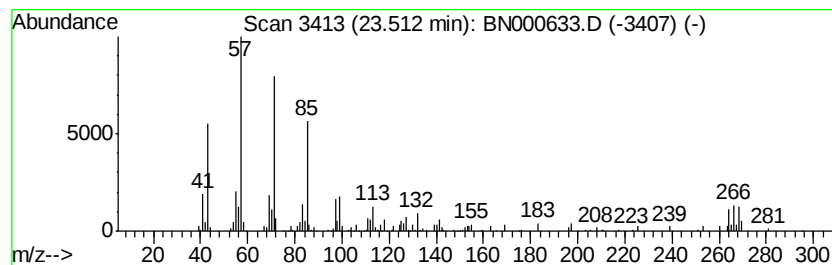
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.51	2.06 ng/ul	238357	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	89
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5		Docosane	310	C22H46	000629-97-0	86



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032618\
Data File : BN000633.D
Acq On : 26 Mar 2018 22:45
Operator : JU/SJ
Sample : J1986-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEH2

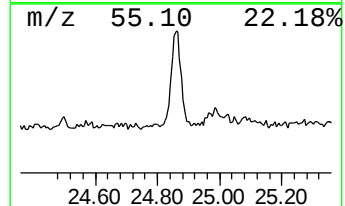
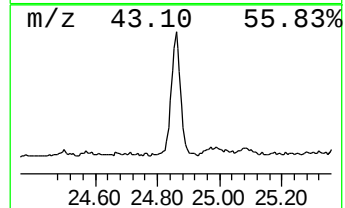
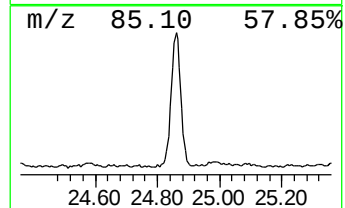
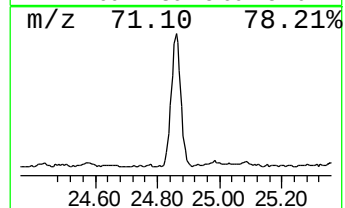
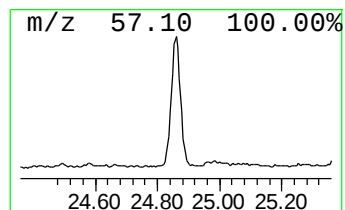
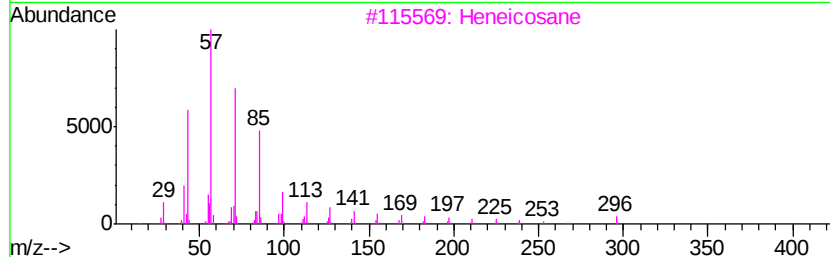
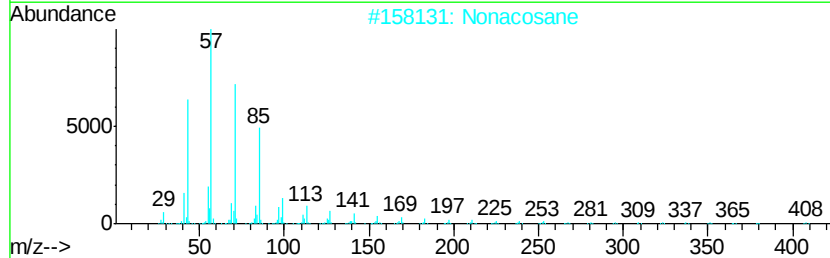
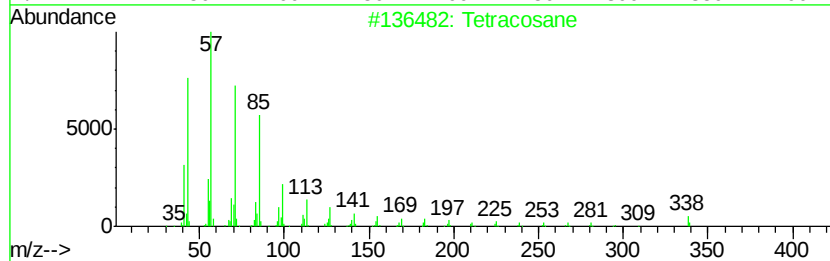
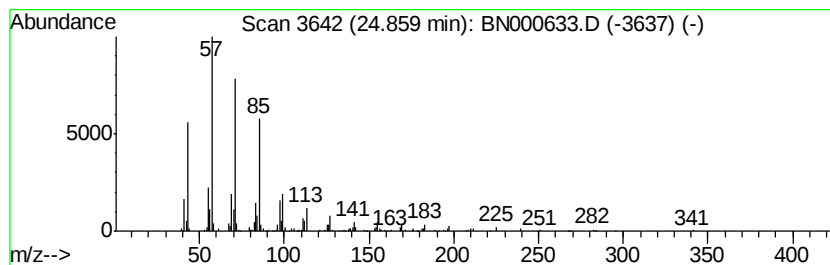
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.86	2.82 ng/ul	325033	Perylene-d12	24.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Nonacosane	408	C29H60	000630-03-5	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000633.D
Acq On : 26 Mar 2018 22:45
Operator : JU/SJ
Sample : J1986-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEH2

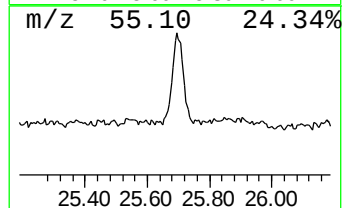
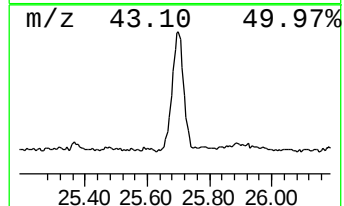
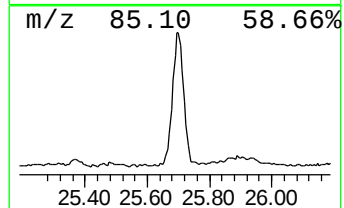
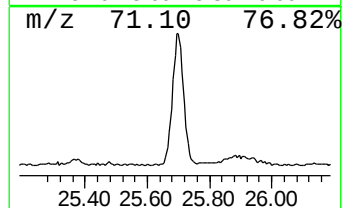
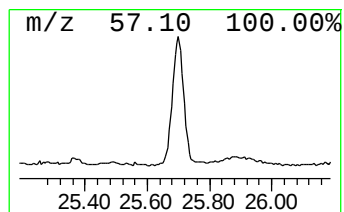
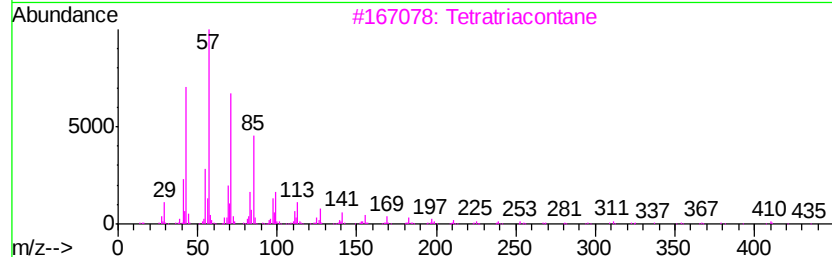
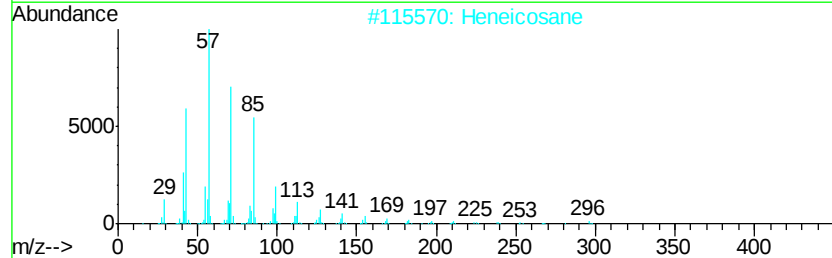
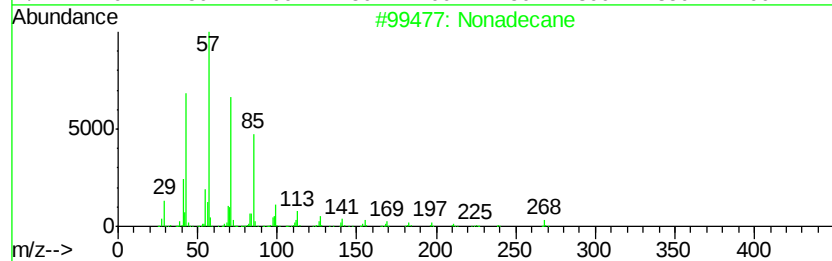
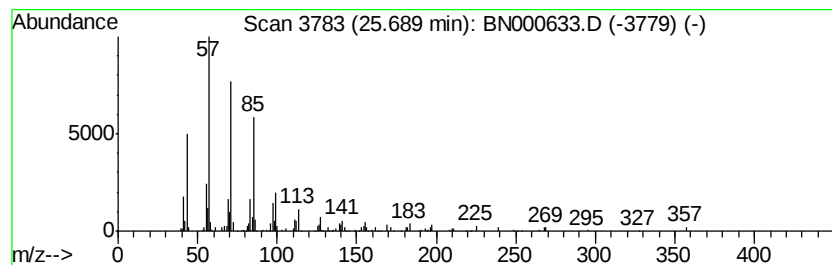
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.69	2.65 ng/ul	306006	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	94
2	Heneicosane		296	C21H44	000629-94-7	90
3	Tetratriacontane		479	C34H70	014167-59-0	87
4	Tetracosane		338	C24H50	000646-31-1	87
5	Docosane, 11-decyl-		451	C32H66	055401-55-3	86



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032618\
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Acq On : 26 Mar 2018 22:45
Operator : JU/SJ
Sample : J1986-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEH2

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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	18.59	2.1	ng/ul	229608	4	17.75	2141040	20.0
Trichloroacetic a...	21.52	2.6	ng/ul	307562	5	21.88	2386570	20.0
(DEL) Alkane: Str...	23.51	2.1	ng/ul	238357	6	24.35	2309250	20.0
(DEL) Alkane: Str...	24.86	2.8	ng/ul	325033	6	24.35	2309250	20.0
(DEL) Alkane: Str...	25.69	2.6	ng/ul	306006	6	24.35	2309250	20.0