

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
 Data File : BN000592.D
 Acq On : 23 Mar 2018 23:25
 Operator : JU/SJ
 Sample : J1955-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C1008

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	21	25	35	rVB	41551	63226	1.49%	0.130%
2	4.796	227	231	233	rBV4	2782	4616	0.11%	0.010%
3	5.408	329	335	342	rVB2	7841	12412	0.29%	0.026%
4	6.414	503	506	511	rBV2	8703	12056	0.28%	0.025%
5	6.572	528	533	539	rVB5	3995	8385	0.20%	0.017%
6	7.549	692	699	713	rBV	702639	1139636	26.83%	2.349%
7	7.714	720	727	735	rBV	608435	956448	22.52%	1.971%
8	7.808	739	743	750	rVB4	3372	4916	0.12%	0.010%
9	7.931	758	764	773	rBV	703571	1145858	26.98%	2.362%
10	8.408	838	845	854	rBV	660675	1095046	25.78%	2.257%
11	9.119	959	966	980	rBV	912607	1503446	35.40%	3.099%
12	9.590	1039	1046	1056	rBV	676007	1112006	26.18%	2.292%
13	9.678	1056	1061	1067	rBV3	6158	10874	0.26%	0.022%
14	9.943	1103	1106	1111	rVB2	10903	14856	0.35%	0.031%
15	10.319	1161	1170	1181	rBV	547935	906419	21.34%	1.868%
16	10.860	1255	1262	1272	rBV	841738	1420612	33.45%	2.928%
17	11.249	1320	1328	1337	rBV	935342	1601470	37.71%	3.301%
18	11.378	1343	1350	1362	rBV	811605	1405680	33.10%	2.897%
19	12.425	1524	1528	1532	rVB	15811	22367	0.53%	0.046%
20	12.807	1588	1593	1599	rVB2	13718	19639	0.46%	0.040%
21	13.819	1759	1765	1773	rVB	25680	37479	0.88%	0.077%
22	13.896	1773	1778	1783	rBV2	3667	8130	0.19%	0.017%
23	14.337	1846	1853	1854	rBV2	4438	6436	0.15%	0.013%
24	14.419	1857	1867	1871	rVV	1656278	2293965	54.02%	4.728%
25	14.460	1871	1874	1880	rVV	418313	570076	13.42%	1.175%
26	14.507	1880	1882	1888	rVB2	10302	13943	0.33%	0.029%
27	14.584	1891	1895	1900	rVB2	7705	11467	0.27%	0.024%
28	14.643	1900	1905	1908	rBV4	3687	8022	0.19%	0.017%
29	14.725	1913	1919	1930	rVV	1845318	2780607	65.47%	5.731%
30	14.878	1938	1945	1952	rBV	97137	122543	2.89%	0.253%
31	14.948	1953	1957	1964	rVV3	6719	14057	0.33%	0.029%
32	15.031	1964	1971	1978	rVV2	1361971	2094087	49.31%	4.316%
33	15.213	1995	2002	2015	rBV	705047	1050765	24.74%	2.166%
34	15.325	2015	2021	2026	rVV4	12519	33749	0.79%	0.070%

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35	15.372	2026	2029	2034	rVV4	14370	22369	0.53%	0.046%
36	15.431	2035	2039	2043	rVV2	10020	15248	0.36%	0.031%
37	15.490	2045	2049	2057	rVV3	20429	36434	0.86%	0.075%
38	15.560	2057	2061	2067	rVB2	10756	14837	0.35%	0.031%
39	15.707	2082	2086	2092	rBV4	4473	8147	0.19%	0.017%
40	15.778	2092	2098	2101	rBV	25565	34740	0.82%	0.072%
41	15.819	2101	2105	2111	rVB	115766	143771	3.39%	0.296%
42	15.884	2111	2116	2120	rBV3	6123	11383	0.27%	0.023%
43	15.925	2120	2123	2131	rVB5	6319	11106	0.26%	0.023%
44	16.013	2131	2138	2144	rBV	2287515	3383482	79.67%	6.974%
45	16.125	2151	2157	2165	rBV	602692	814666	19.18%	1.679%
46	16.219	2167	2173	2176	rBV	24199	48078	1.13%	0.099%
47	16.313	2186	2189	2195	rVB4	8439	11393	0.27%	0.023%
48	16.366	2195	2198	2207	rBV3	10618	18005	0.42%	0.037%
49	16.437	2207	2210	2215	rVB2	13160	16043	0.38%	0.033%
50	16.631	2237	2243	2245	rBV5	5370	9508	0.22%	0.020%
51	16.672	2246	2250	2259	rVV	103020	169979	4.00%	0.350%
52	16.954	2292	2298	2302	rBV4	14105	21373	0.50%	0.044%
53	17.019	2304	2309	2312	rVV2	9827	18997	0.45%	0.039%
54	17.078	2315	2319	2322	rVV	8738	11774	0.28%	0.024%
55	17.113	2322	2325	2327	rVV4	6487	9697	0.23%	0.020%
56	17.178	2331	2336	2340	rBV3	10118	14112	0.33%	0.029%
57	17.242	2343	2347	2352	rBV3	8350	10629	0.25%	0.022%
58	17.290	2352	2355	2359	rBV2	4649	5687	0.13%	0.012%
59	17.460	2379	2384	2388	rBV	71809	86607	2.04%	0.179%
60	17.513	2388	2393	2396	rVV	18263	29070	0.68%	0.060%
61	17.542	2396	2398	2405	rVB	10350	14197	0.33%	0.029%
62	17.613	2408	2410	2417	rVB5	3533	4575	0.11%	0.009%
63	17.754	2428	2434	2444	rBV2	1733715	2485503	58.53%	5.123%
64	17.854	2444	2451	2460	rBV	2605905	3693917	86.98%	7.614%
65	17.995	2471	2475	2482	rBV3	5285	9318	0.22%	0.019%
66	18.090	2485	2491	2493	rBV6	5634	11125	0.26%	0.023%
67	18.195	2504	2509	2513	rVB	32714	38971	0.92%	0.080%
68	18.495	2557	2560	2564	rVB4	3628	4347	0.10%	0.009%
69	18.589	2571	2576	2588	rBV	284874	453410	10.68%	0.935%
70	18.795	2608	2611	2617	rVB4	4696	6506	0.15%	0.013%
71	18.872	2621	2624	2628	rBV4	5099	7067	0.17%	0.015%

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72	18.913	2628	2631	2636	rVB2	11233	13534	0.32%	0.028%
73	19.354	2702	2706	2708	rBV2	5794	7758	0.18%	0.016%
74	19.436	2717	2720	2725	rBV5	5412	8436	0.20%	0.017%
75	19.701	2761	2765	2767	rBV3	12859	16731	0.39%	0.034%
76	19.748	2768	2773	2778	rVB	34641	55073	1.30%	0.114%
77	19.836	2784	2788	2799	rBV	69544	105990	2.50%	0.218%
78	19.995	2811	2815	2822	rVB	28390	39797	0.94%	0.082%
79	20.107	2828	2834	2844	rVB2	2998172	4246855	100.00%	8.754%
80	20.560	2908	2911	2920	rBV8	11039	27539	0.65%	0.057%
81	21.072	2995	2998	3000	rBV4	10264	11674	0.27%	0.024%
82	21.178	3013	3016	3021	rBV3	9092	17353	0.41%	0.036%
83	21.531	3071	3076	3089	rBV	585624	881666	20.76%	1.817%
84	21.878	3129	3135	3141	rBV2	1995558	2700709	63.59%	5.567%
85	21.972	3148	3151	3161	rVB5	25593	38792	0.91%	0.080%
86	22.442	3229	3231	3234	rBV	21749	24589	0.58%	0.051%
87	22.954	3314	3318	3325	rVB	67951	95382	2.25%	0.197%
88	23.101	3339	3343	3348	rVB	55713	80221	1.89%	0.165%
89	23.513	3408	3413	3419	rVB2	116551	191547	4.51%	0.395%
90	24.148	3515	3521	3522	rBV	118124	191111	4.50%	0.394%
91	24.195	3522	3529	3540	rVB2	1728659	3569944	84.06%	7.358%
92	24.354	3548	3556	3566	rVB2	1131411	2292672	53.99%	4.726%
93	24.872	3638	3644	3653	rVB	126649	253440	5.97%	0.522%
94	25.707	3780	3786	3794	rBV	110466	236393	5.57%	0.487%
95	26.689	3948	3953	3965	rVB2	73927	197100	4.64%	0.406%

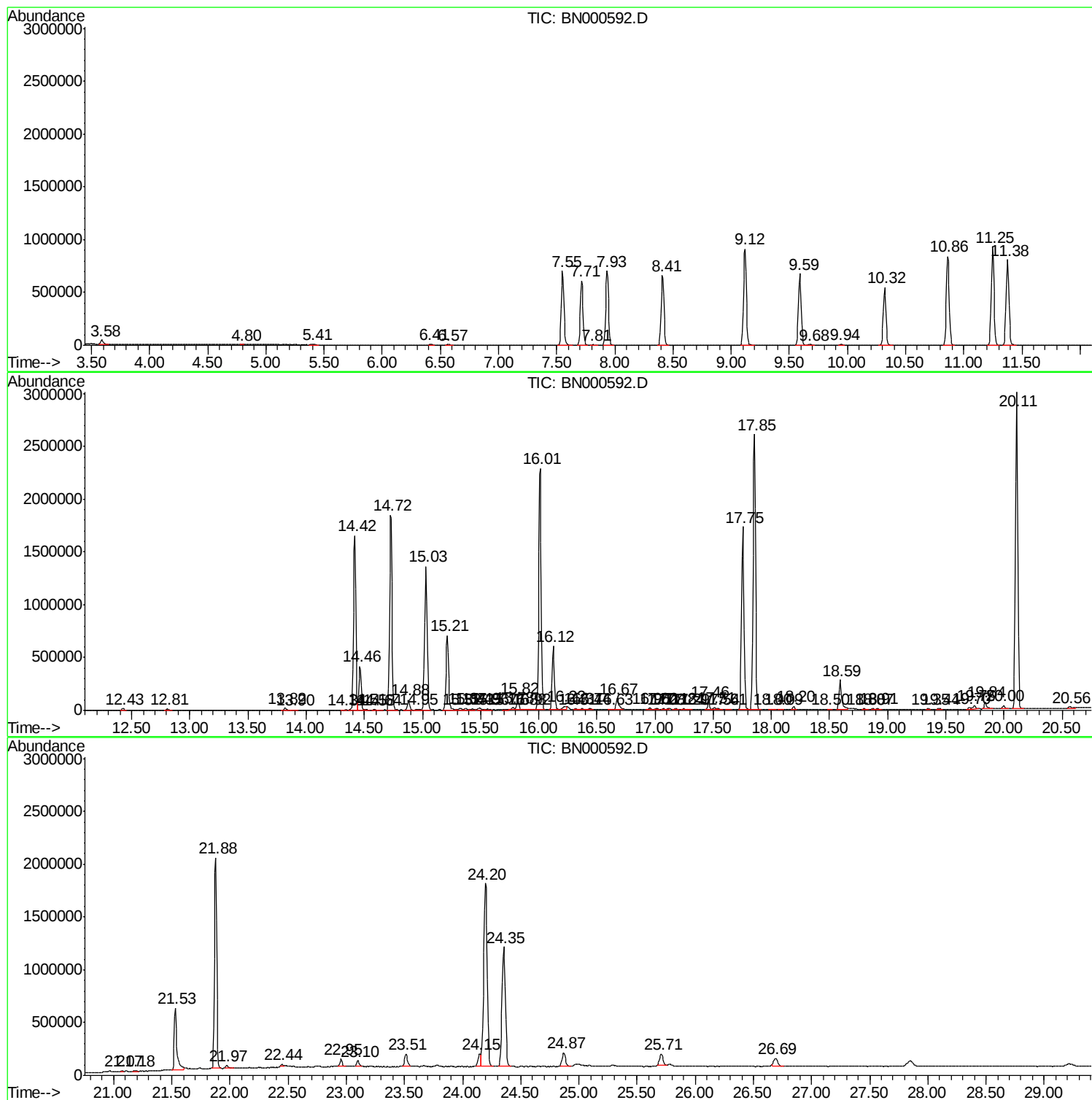
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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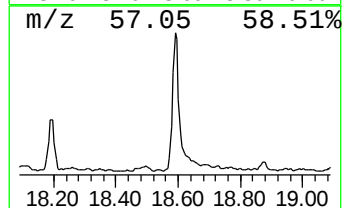
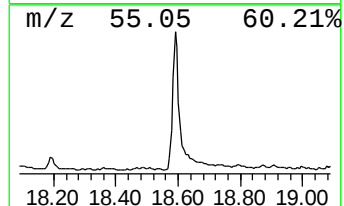
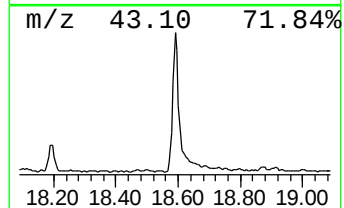
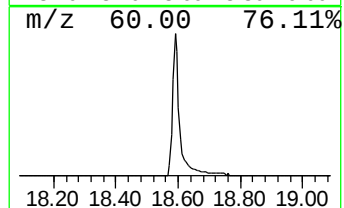
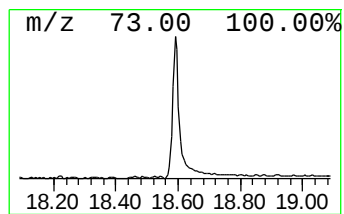
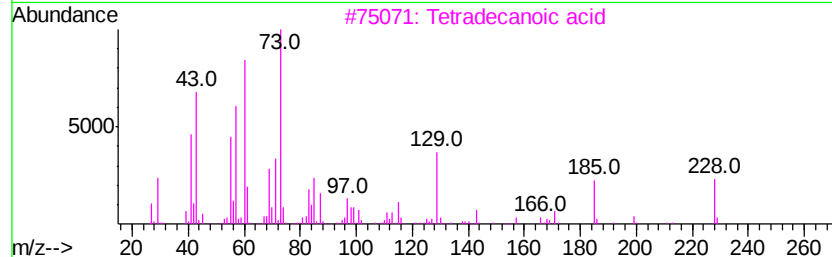
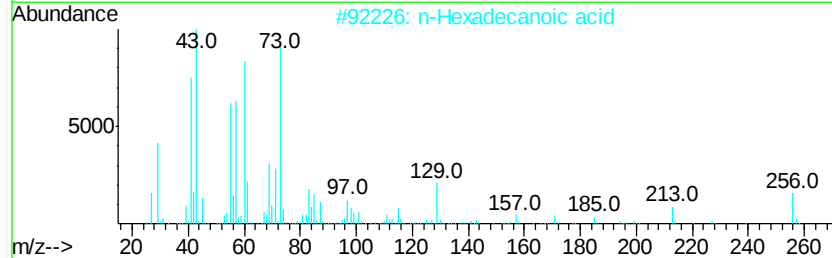
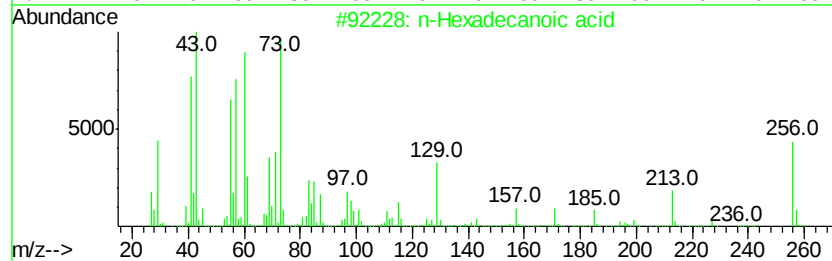
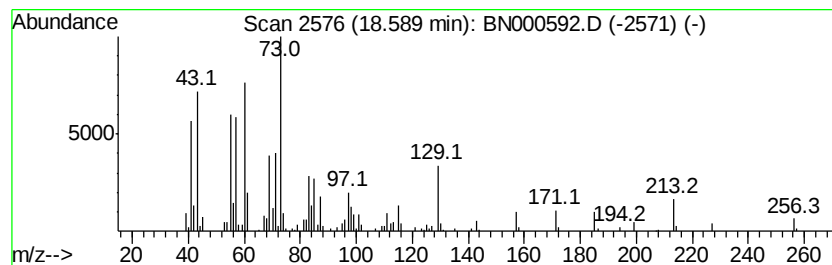
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.59	3.65 ng/ul	453410	Phenanthrene-d10		17.75		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70



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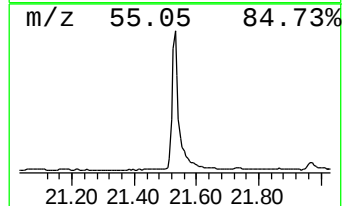
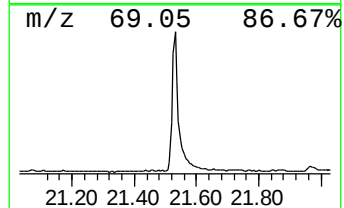
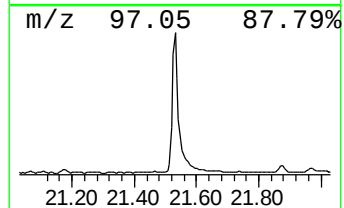
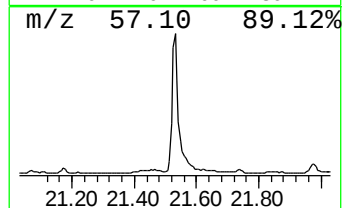
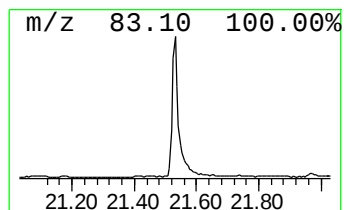
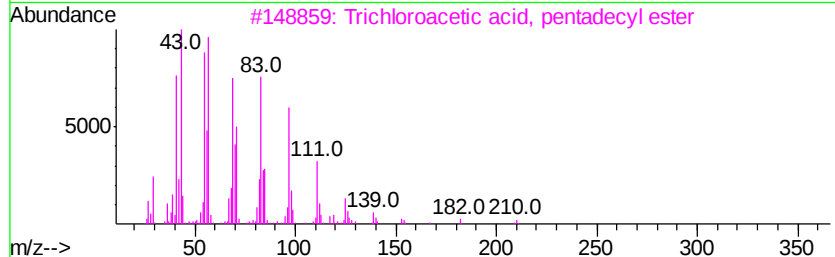
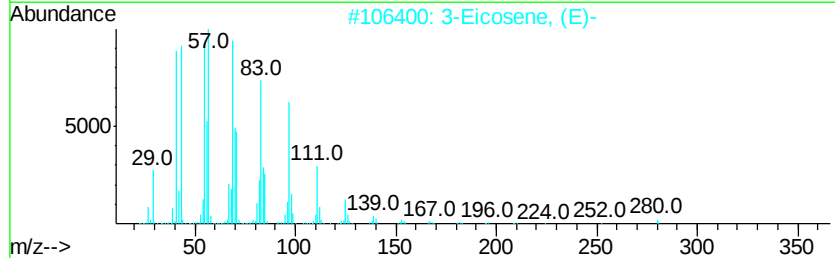
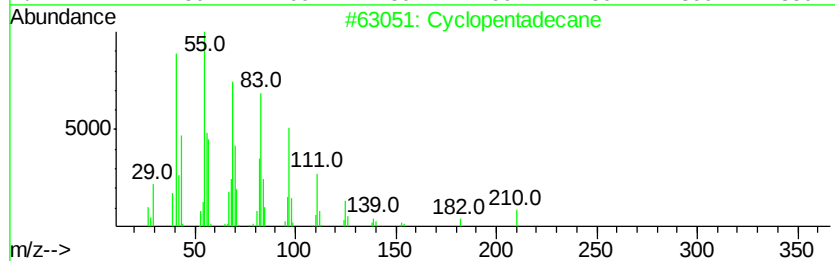
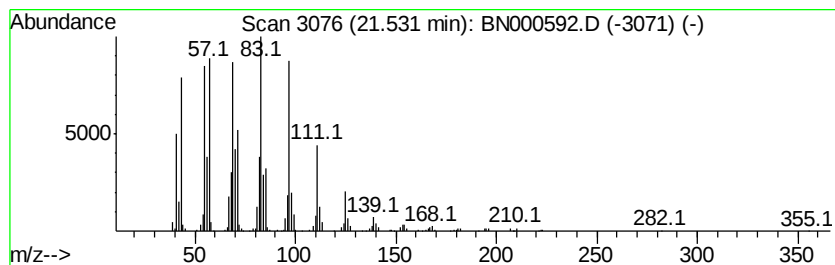
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic21.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	6.53 ng/ul	881666	Chrysene-d12	21.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentadecane	210 C15H30	000295-48-7 93
2		3-Eicosene, (E)-	280 C20H40	074685-33-9 91
3		Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0 91
4		Trichloroacetic acid, tetradecyl...	358 C16H29Cl3O2	074339-52-9 91
5		9-Eicosene, (E)-	280 C20H40	074685-29-3 91



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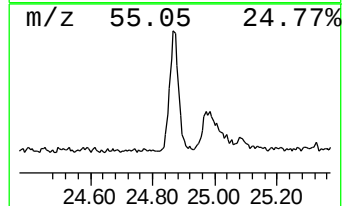
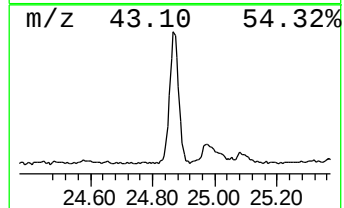
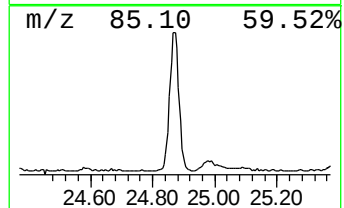
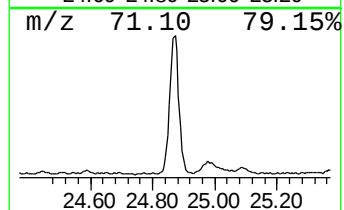
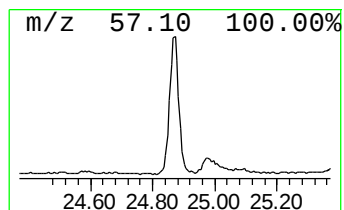
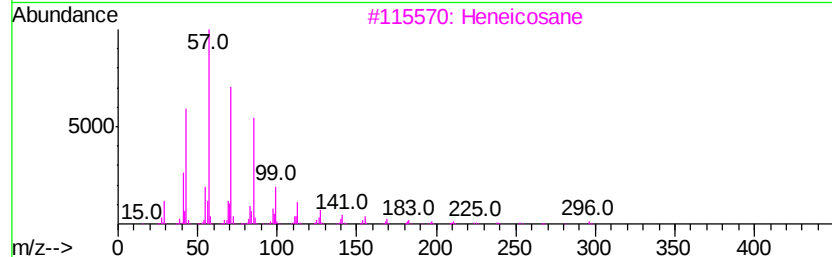
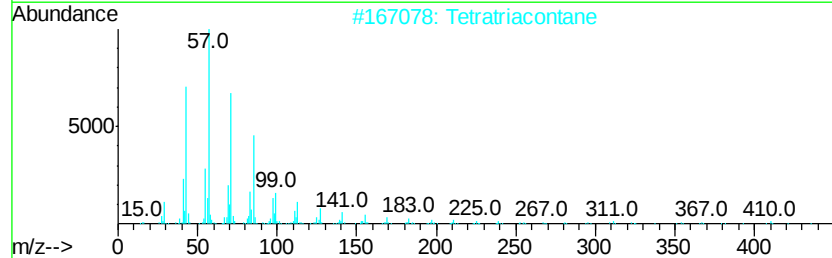
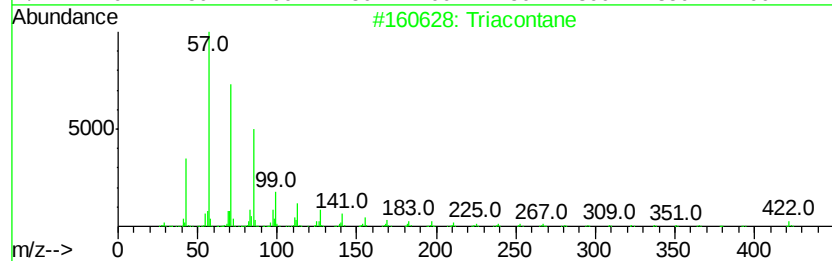
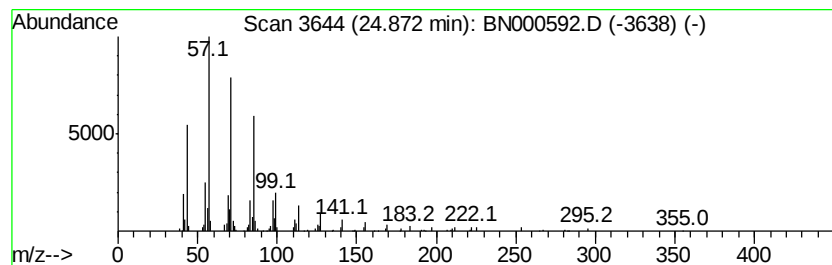
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.87	2.21 ng/ul	253440	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Docosane	310	C22H46	000629-97-0	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



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C1008

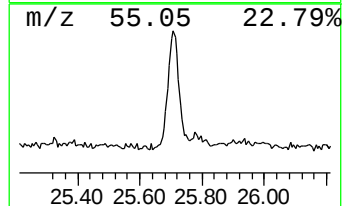
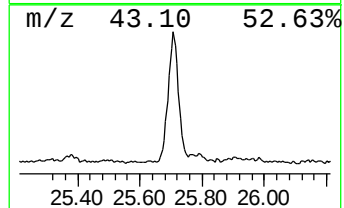
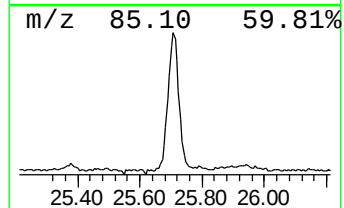
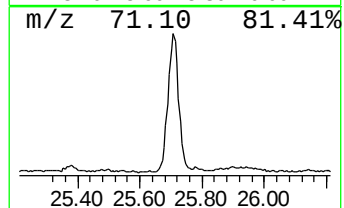
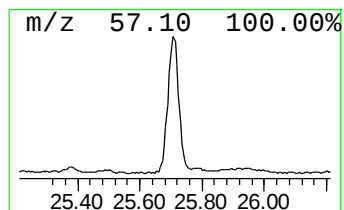
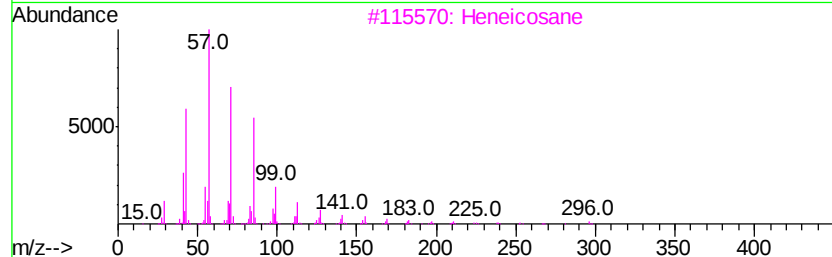
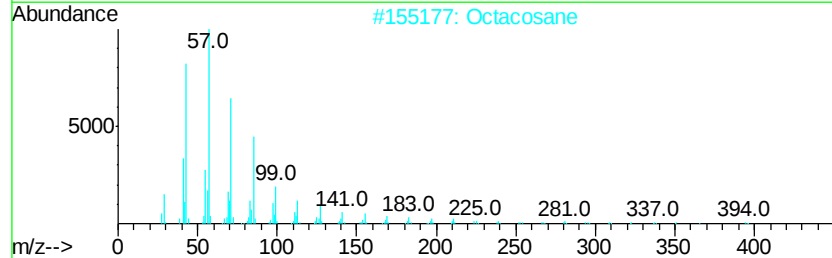
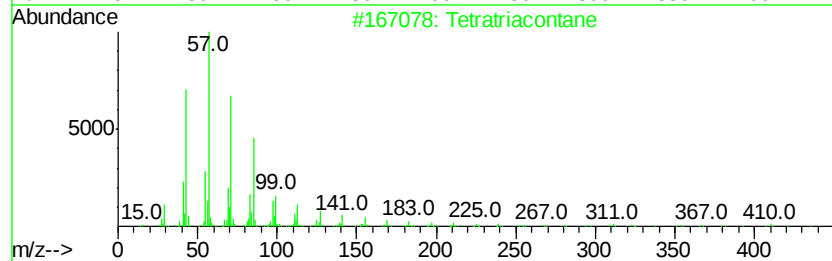
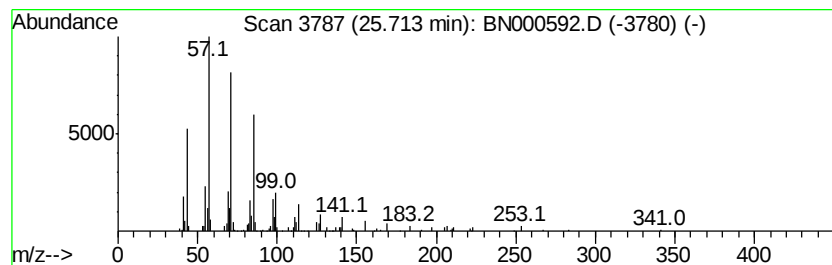
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.71	2.06 ng/ul	236393	Perylene-d12	24.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratriacontane	479	C34H70	014167-59-0	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Triacontane	422	C30H62	000638-68-6	91
5			Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032318\
Data File : BN000592.D
Acq On : 23 Mar 2018 23:25
Operator : JU/SJ
Sample : J1955-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C1008

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	3.6	ng/ul	453410	4	17.75	2485500	20.0
(DEL) Alkane: Cyc...	21.53	6.5	ng/ul	881666	5	21.88	2700710	20.0
(DEL) Alkane: Str...	24.87	2.2	ng/ul	253440	6	24.35	2292670	20.0
(DEL) Alkane: Str...	25.71	2.1	ng/ul	236393	6	24.35	2292670	20.0