

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032818\
 Data File : BN000677.D
 Acq On : 29 Mar 2018 01:29
 Operator : JU/SJ
 Sample : J2011-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEJ5

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	34	rVB	33684	48666	1.55%	0.123%
2	4.414	160	166	170	rBV3	3114	5107	0.16%	0.013%
3	5.396	330	333	341	rVB3	3137	5612	0.18%	0.014%
4	6.413	502	506	514	rBV	10399	17116	0.55%	0.043%
5	6.555	528	530	537	rVB3	3110	5399	0.17%	0.014%
6	7.472	681	686	690	rBV	7094	9389	0.30%	0.024%
7	7.549	692	699	713	rBV	573414	990652	31.55%	2.502%
8	7.713	720	727	739	rBV	516308	809425	25.78%	2.044%
9	7.808	739	743	748	rVB	2391	3480	0.11%	0.009%
10	7.931	757	764	776	rVB	591801	962210	30.65%	2.430%
11	8.408	838	845	855	rBV	712540	1152506	36.71%	2.911%
12	9.113	959	965	975	rBV	693365	1183888	37.71%	2.990%
13	9.178	975	976	980	rVB2	3700	3543	0.11%	0.009%
14	9.590	1038	1046	1057	rBV	557538	946902	30.16%	2.391%
15	9.690	1060	1063	1066	rBV3	4184	6764	0.22%	0.017%
16	9.937	1099	1105	1112	rBV	21700	31445	1.00%	0.079%
17	10.319	1162	1170	1181	rBV	452892	780540	24.86%	1.971%
18	10.860	1256	1262	1277	rBV	670515	1168122	37.21%	2.950%
19	11.243	1320	1327	1336	rBV	992015	1718591	54.74%	4.340%
20	11.372	1342	1349	1362	rBV	583840	1011279	32.21%	2.554%
21	12.419	1523	1527	1532	rVB	16566	21575	0.69%	0.054%
22	12.625	1556	1562	1566	rBV3	4664	7283	0.23%	0.018%
23	12.678	1566	1571	1575	rVB	3538	4026	0.13%	0.010%
24	12.801	1585	1592	1598	rBV	11138	17968	0.57%	0.045%
25	13.619	1727	1731	1734	rBV	3574	4822	0.15%	0.012%
26	13.813	1760	1764	1769	rVB	18392	24160	0.77%	0.061%
27	14.337	1848	1853	1856	rBV2	3688	6320	0.20%	0.016%
28	14.413	1860	1866	1870	rVV	1377711	1804730	57.48%	4.558%
29	14.460	1870	1874	1879	rVV	320275	443233	14.12%	1.119%
30	14.501	1879	1881	1888	rVB3	8706	12890	0.41%	0.033%
31	14.584	1888	1895	1899	rBV	6493	9746	0.31%	0.025%
32	14.672	1906	1910	1912	rBV2	2430	3214	0.10%	0.008%
33	14.725	1912	1919	1930	rBV	1534258	2254073	71.79%	5.692%
34	14.878	1939	1945	1952	rVB	79476	103885	3.31%	0.262%

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 Title : SVOA CALIBRATION

35	14.948	1952	1957	1962	rBV2	5299	9792	0.31%	0.025%
36	15.025	1963	1970	1978	rBV2	1428283	2221244	70.75%	5.609%
37	15.219	1997	2003	2015	rBV	410724	698627	22.25%	1.764%
38	15.313	2015	2019	2025	rVV4	13787	36416	1.16%	0.092%
39	15.366	2025	2028	2033	rVV2	13235	21222	0.68%	0.054%
40	15.425	2035	2038	2043	rVV2	9454	13593	0.43%	0.034%
41	15.484	2043	2048	2057	rVV3	17604	33646	1.07%	0.085%
42	15.554	2057	2060	2066	rVB3	11142	13126	0.42%	0.033%
43	15.701	2082	2085	2092	rVB4	3170	6563	0.21%	0.017%
44	15.772	2092	2097	2100	rBV	25629	34397	1.10%	0.087%
45	15.819	2100	2105	2109	rVB	102294	131518	4.19%	0.332%
46	15.878	2110	2115	2119	rBV3	5674	9711	0.31%	0.025%
47	15.925	2120	2123	2129	rVB5	5654	11171	0.36%	0.028%
48	16.007	2131	2137	2144	rBV	1850125	2693971	85.80%	6.803%
49	16.125	2152	2157	2166	rBV	410226	586892	18.69%	1.482%
50	16.219	2166	2173	2175	rVV	26115	57664	1.84%	0.146%
51	16.242	2175	2177	2183	rVV2	23062	33969	1.08%	0.086%
52	16.313	2185	2189	2195	rVV3	8076	12350	0.39%	0.031%
53	16.366	2195	2198	2206	rVV3	9734	17260	0.55%	0.044%
54	16.436	2206	2210	2217	rVB3	12436	16988	0.54%	0.043%
55	16.513	2217	2223	2225	rBV7	2765	5456	0.17%	0.014%
56	16.625	2236	2242	2245	rBV6	3944	8066	0.26%	0.020%
57	16.672	2245	2250	2260	rVV	87514	145050	4.62%	0.366%
58	16.860	2279	2282	2286	rVB	4912	6749	0.21%	0.017%
59	16.948	2291	2297	2302	rBV5	5880	10218	0.33%	0.026%
60	17.007	2303	2307	2315	rVV2	7048	15995	0.51%	0.040%
61	17.072	2315	2318	2321	rVB	6473	7595	0.24%	0.019%
62	17.125	2325	2327	2332	rVB3	5010	5059	0.16%	0.013%
63	17.172	2332	2335	2343	rVB3	6922	9851	0.31%	0.025%
64	17.236	2343	2346	2349	rBV3	5128	6557	0.21%	0.017%
65	17.284	2349	2354	2359	rBV5	5308	9432	0.30%	0.024%
66	17.454	2379	2383	2388	rBV	46243	55153	1.76%	0.139%
67	17.507	2388	2392	2395	rVV	13101	17866	0.57%	0.045%
68	17.542	2395	2398	2403	rVB	8190	12556	0.40%	0.032%
69	17.607	2404	2409	2413	rVB7	2239	4073	0.13%	0.010%
70	17.754	2427	2434	2440	rBV	1765406	2527767	80.51%	6.384%
71	17.848	2444	2450	2460	rVV2	2006929	2855156	90.94%	7.210%

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72	17.931	2460	2464	2466	rVB4	2471	3226	0.10%	0.008%
73	17.989	2471	2474	2480	rVB4	5025	6828	0.22%	0.017%
74	18.107	2490	2494	2496	rBV4	3521	4859	0.15%	0.012%
75	18.189	2503	2508	2514	rBV	22704	30913	0.98%	0.078%
76	18.372	2535	2539	2543	rVB4	4104	6783	0.22%	0.017%
77	18.478	2551	2557	2564	rBV5	3521	9827	0.31%	0.025%
78	18.589	2571	2576	2586	rBV	140801	270772	8.62%	0.684%
79	18.866	2620	2623	2627	rBV	8608	9292	0.30%	0.023%
80	18.907	2628	2630	2634	rVB3	4011	3988	0.13%	0.010%
81	19.489	2725	2729	2731	rBV2	3421	4060	0.13%	0.010%
82	19.742	2767	2772	2776	rBV	22588	33557	1.07%	0.085%
83	19.836	2784	2788	2800	rBV3	33622	77057	2.45%	0.195%
84	19.995	2810	2815	2819	rVB	20271	28591	0.91%	0.072%
85	20.107	2828	2834	2842	rBV	2385085	3139649	100.00%	7.929%
86	21.001	2984	2986	2990	rVB5	7399	7621	0.24%	0.019%
87	21.066	2995	2997	3001	rVV5	8062	8351	0.27%	0.021%
88	21.542	3073	3078	3089	rBV9	34634	135427	4.31%	0.342%
89	21.872	3129	3134	3145	rBV2	1827016	2512204	80.02%	6.344%
90	21.966	3148	3150	3154	rVB3	23429	26813	0.85%	0.068%
91	22.442	3228	3231	3236	rVB2	28029	35521	1.13%	0.090%
92	22.948	3313	3317	3324	rVB	69326	103275	3.29%	0.261%
93	23.095	3337	3342	3347	rVB	66292	99618	3.17%	0.252%
94	23.507	3407	3412	3420	rVB	107012	187008	5.96%	0.472%
95	24.136	3513	3519	3522	rBV	120258	220060	7.01%	0.556%
96	24.189	3522	3528	3540	rVB2	1054754	2162394	68.87%	5.461%
97	24.354	3548	3556	3564	rVB2	923292	1898434	60.47%	4.794%
98	24.860	3636	3642	3649	rVB	113636	236337	7.53%	0.597%
99	25.695	3777	3784	3792	rBV2	98482	231067	7.36%	0.584%
100	26.677	3945	3951	3960	rVB2	62453	163289	5.20%	0.412%

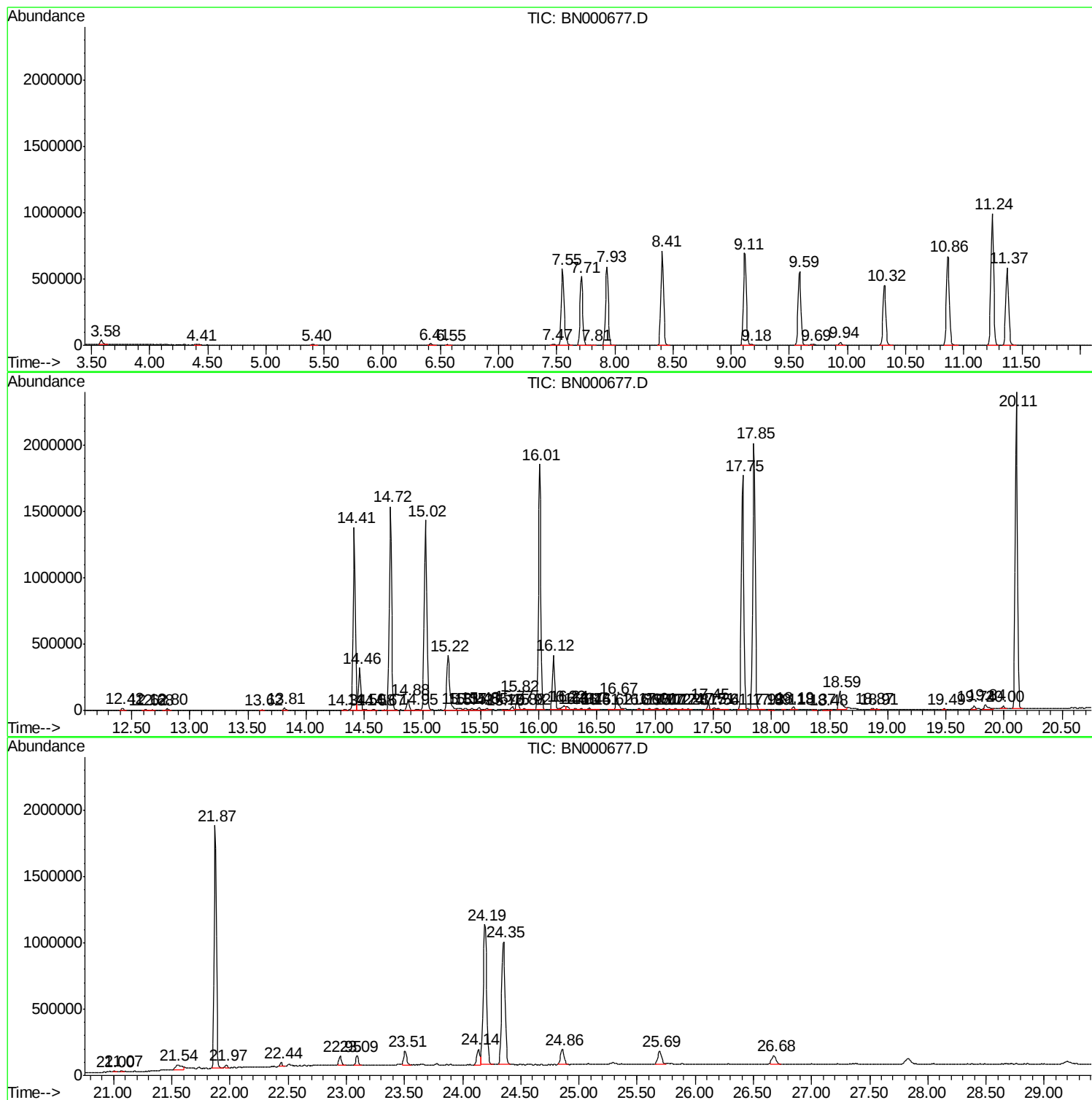
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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



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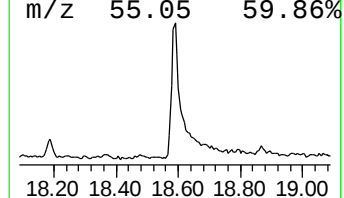
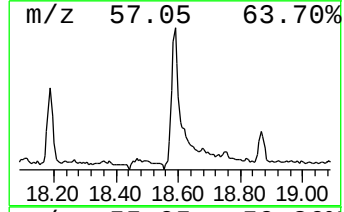
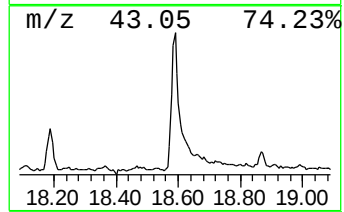
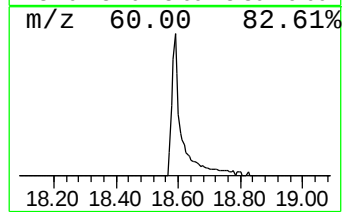
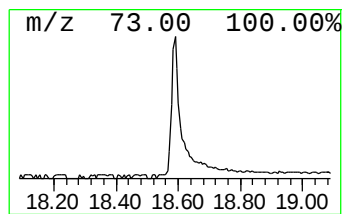
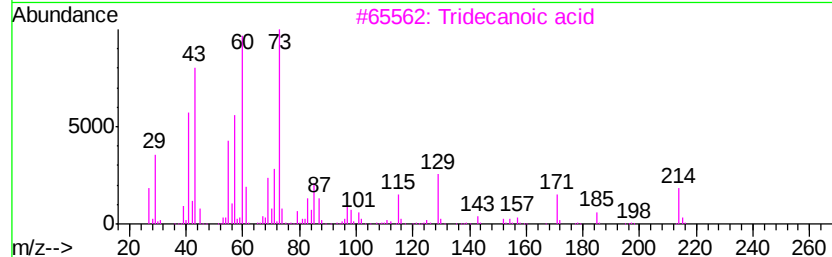
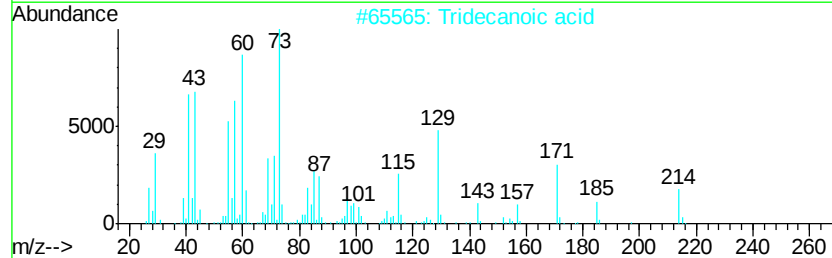
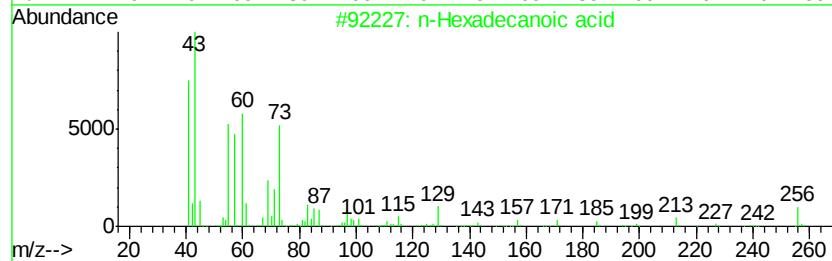
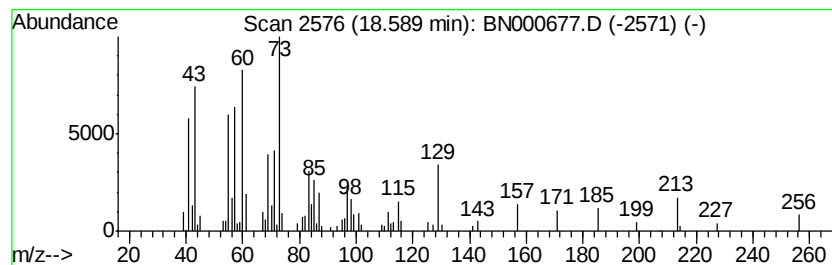
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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	270772	Phenanthrene-d10	17.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	81
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	80



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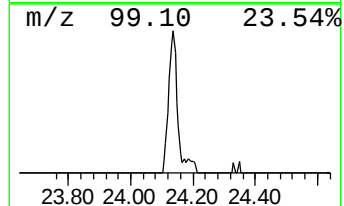
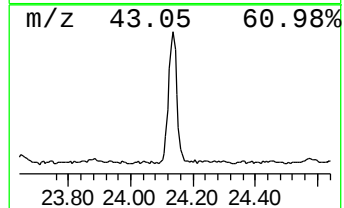
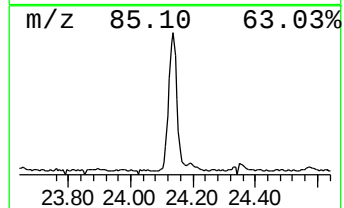
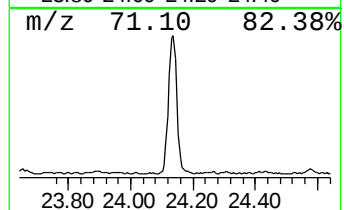
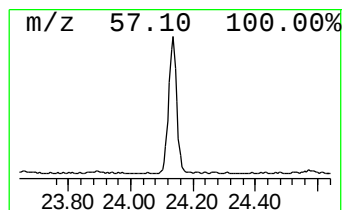
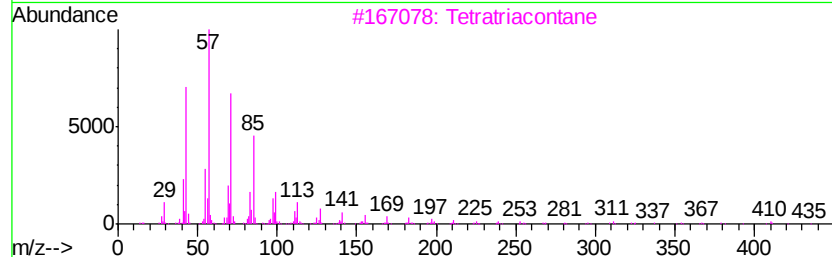
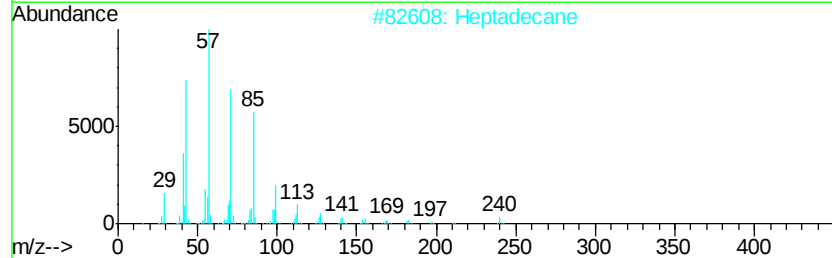
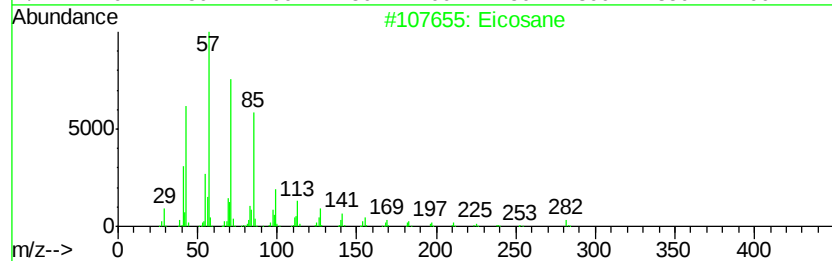
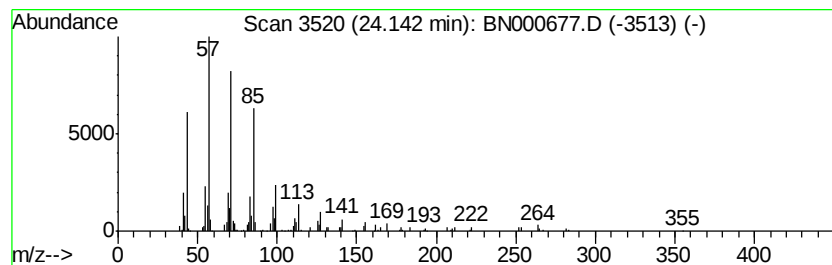
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	2.32 ng/ul	220060	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heptadecane	240	C17H36	000629-78-7	90
3		Tetratriacontane	479	C34H70	014167-59-0	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Triacontane	422	C30H62	000638-68-6	87



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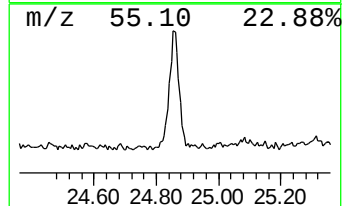
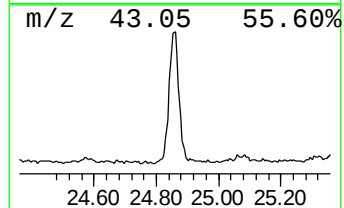
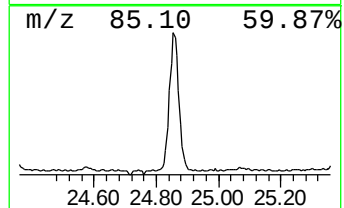
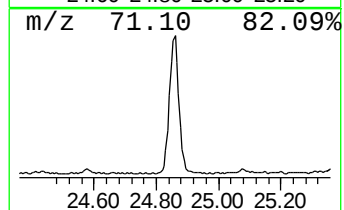
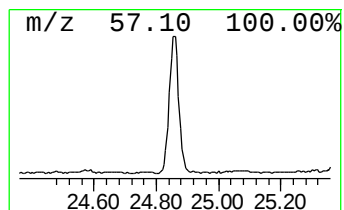
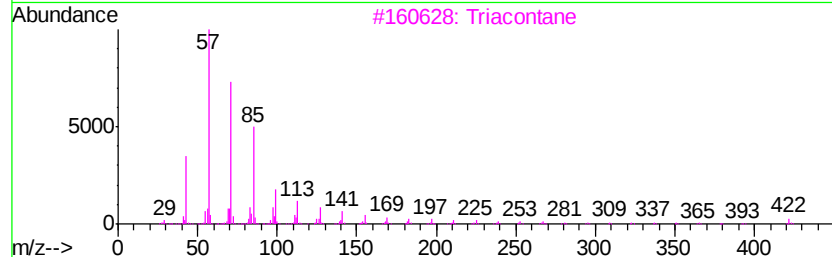
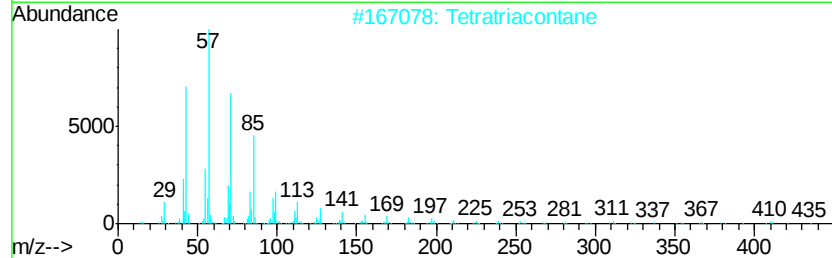
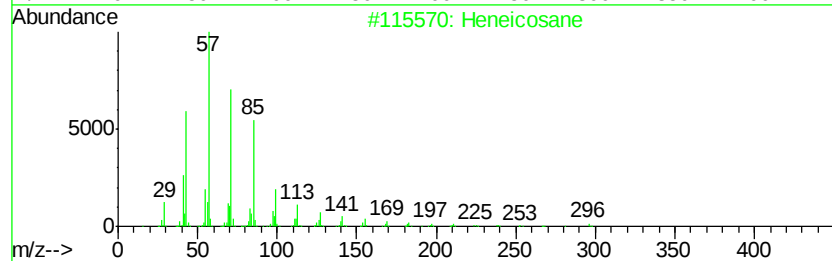
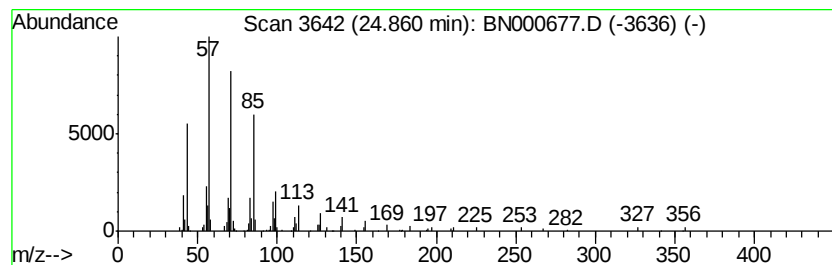
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.86	2.49 ng/ul	236337	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Hexatriacontane	507	C36H74	000630-06-8	91



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Sample : J2011-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ5

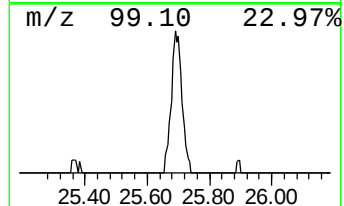
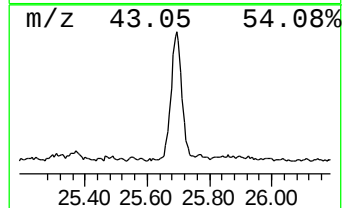
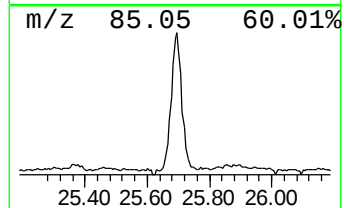
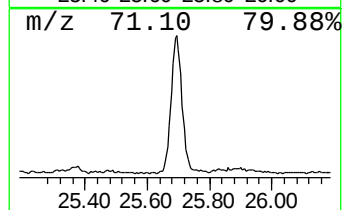
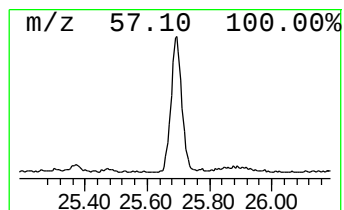
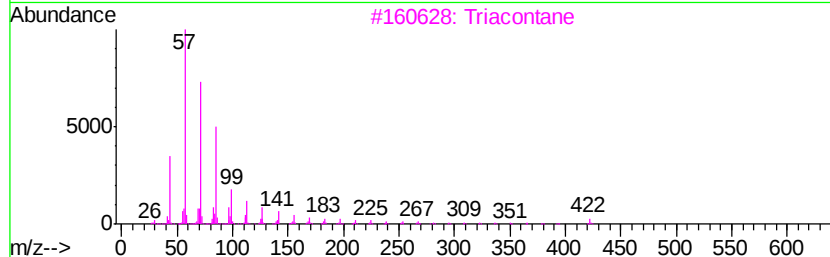
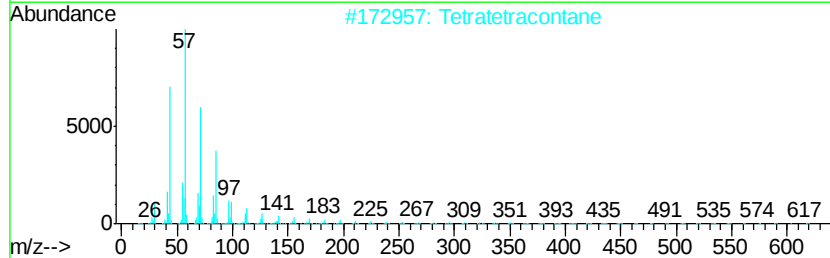
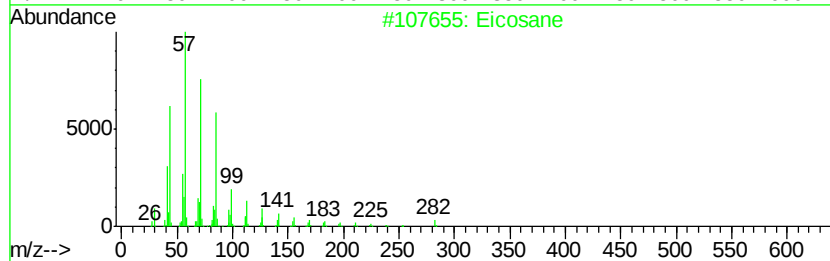
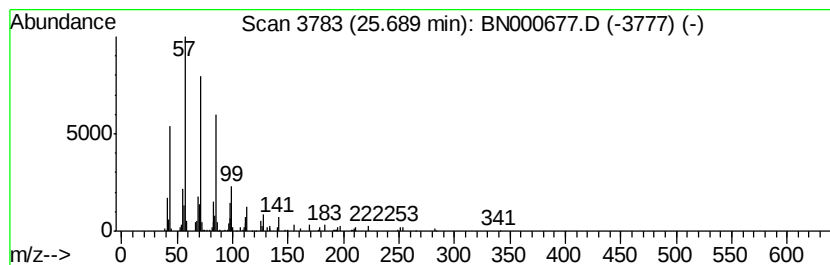
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.69	2.43 ng/ul	231067	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetratriacontane	479	C34H70	014167-59-0	91



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032818\
Data File : BN000677.D
Acq On : 29 Mar 2018 01:29
Operator : JU/SJ
Sample : J2011-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ5

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	270772	4	17.75	2527770	20.0
(DEL) Alkane: Str...	24.14	2.3	ng/ul	220060	6	24.35	1898430	20.0
(DEL) Alkane: Str...	24.86	2.5	ng/ul	236337	6	24.35	1898430	20.0
(DEL) Alkane: Str...	25.69	2.4	ng/ul	231067	6	24.35	1898430	20.0