

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
 Data File : BN000471.D
 Acq On : 20 Mar 2018 01:40
 Operator : JU/SJ
 Sample : J1933-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEC6

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	3.496	6	10	19	rVV	13282	20715	0.37%	0.027%
2	3.584	21	25	35	rVB	67435	100981	1.80%	0.133%
3	3.896	74	78	84	rBV2	17101	27670	0.49%	0.037%
4	5.749	388	393	399	rBV2	12891	23953	0.43%	0.032%
5	6.419	501	507	519	rBV	142728	214832	3.83%	0.283%
6	6.572	529	533	541	rVB3	8496	15258	0.27%	0.020%
7	7.361	659	667	677	rBV	25391	52597	0.94%	0.069%
8	7.549	692	699	711	rBV	1131900	2013163	35.91%	2.656%
9	7.719	721	728	739	rBV	1031043	1659992	29.61%	2.190%
10	7.937	758	765	774	rVV	1206728	1931418	34.45%	2.548%
11	8.419	839	847	859	rVB	1099593	1840826	32.84%	2.429%
12	9.119	958	966	976	rBV	1278102	2128043	37.96%	2.807%
13	9.596	1039	1047	1056	rBV	1144663	1941586	34.64%	2.561%
14	9.678	1056	1061	1068	rVV	43589	77318	1.38%	0.102%
15	9.955	1099	1108	1114	rVB2	19588	28062	0.50%	0.037%
16	10.325	1164	1171	1181	rBV	949077	1623862	28.97%	2.142%
17	10.866	1256	1263	1273	rBV	1449447	2436740	43.47%	3.215%
18	11.013	1281	1288	1293	rVB6	5051	13337	0.24%	0.018%
19	11.260	1322	1330	1340	rVB	1593420	2725814	48.63%	3.596%
20	11.384	1343	1351	1365	rBV	1421377	2463020	43.94%	3.249%
21	11.990	1449	1454	1460	rBV5	6389	12642	0.23%	0.017%
22	12.690	1567	1573	1578	rVV2	14674	23071	0.41%	0.030%
23	12.813	1590	1594	1602	rVB2	27513	41125	0.73%	0.054%
24	13.631	1729	1733	1738	rVB	12617	16462	0.29%	0.022%
25	13.831	1761	1767	1774	rBV	28214	41696	0.74%	0.055%
26	13.901	1774	1779	1787	rVV4	16148	26812	0.48%	0.035%
27	14.425	1858	1868	1872	rBV	2559843	3588309	64.01%	4.734%
28	14.472	1872	1876	1881	rVB	625303	837987	14.95%	1.106%
29	14.519	1881	1884	1890	rVB2	12347	18185	0.32%	0.024%
30	14.596	1892	1897	1901	rBV2	9592	12925	0.23%	0.017%
31	14.660	1901	1908	1909	rBV3	17054	31514	0.56%	0.042%
32	14.737	1914	1921	1932	rVB	3109095	4588224	81.85%	6.053%
33	14.890	1942	1947	1952	rVB	128694	160467	2.86%	0.212%
34	14.966	1955	1960	1964	rBV6	9409	16597	0.30%	0.022%

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 Title : SVOA CALIBRATION

35	15.037	1965	1972	1980	rVB2	2198080	3377012	60.24%	4.455%
36	15.207	1995	2001	2016	rBV	1059983	1618550	28.87%	2.135%
37	15.395	2028	2033	2037	rBV4	25891	48405	0.86%	0.064%
38	15.443	2038	2041	2045	rVB2	15190	19476	0.35%	0.026%
39	15.501	2046	2051	2058	rBV2	32939	53968	0.96%	0.071%
40	15.572	2059	2063	2068	rVB3	18366	24108	0.43%	0.032%
41	15.725	2084	2089	2094	rVB4	7140	13440	0.24%	0.018%
42	15.790	2094	2100	2103	rBV	79837	109452	1.95%	0.144%
43	15.831	2103	2107	2112	rVB	213833	258892	4.62%	0.342%
44	15.895	2112	2118	2121	rBV4	12767	21035	0.38%	0.028%
45	15.943	2121	2126	2132	rVB8	9483	21658	0.39%	0.029%
46	16.019	2132	2139	2146	rBV	3594291	5268408	93.98%	6.951%
47	16.131	2152	2158	2168	rBV	1078748	1473003	26.28%	1.943%
48	16.237	2168	2176	2187	rVV3	55736	185036	3.30%	0.244%
49	16.325	2188	2191	2197	rVB3	17176	23577	0.42%	0.031%
50	16.384	2197	2201	2209	rBV4	22503	39212	0.70%	0.052%
51	16.448	2209	2212	2221	rVB2	26532	38149	0.68%	0.050%
52	16.531	2221	2226	2234	rBV6	17843	50560	0.90%	0.067%
53	16.642	2240	2245	2247	rBV3	19483	29984	0.53%	0.040%
54	16.684	2248	2252	2268	rVB	199706	345422	6.16%	0.456%
55	16.872	2281	2284	2291	rVB4	18834	27379	0.49%	0.036%
56	16.966	2294	2300	2306	rVV	67886	104784	1.87%	0.138%
57	17.031	2306	2311	2317	rVV5	21149	43498	0.78%	0.057%
58	17.084	2317	2320	2323	rVV2	15832	18923	0.34%	0.025%
59	17.119	2323	2326	2334	rVB3	45951	80652	1.44%	0.106%
60	17.190	2334	2338	2345	rBV2	26237	39010	0.70%	0.051%
61	17.254	2345	2349	2352	rBV3	15710	21001	0.37%	0.028%
62	17.472	2382	2386	2391	rBV	131850	154794	2.76%	0.204%
63	17.525	2391	2395	2406	rVB3	45036	108505	1.94%	0.143%
64	17.631	2406	2413	2417	rBV4	19056	36532	0.65%	0.048%
65	17.766	2424	2436	2446	rBV2	2445117	3744131	66.79%	4.940%
66	17.860	2446	2452	2463	rVV2	3658604	5424497	96.77%	7.156%
67	17.942	2463	2466	2473	rVB6	11763	19672	0.35%	0.026%
68	18.007	2473	2477	2483	rBV5	13771	24727	0.44%	0.033%
69	18.113	2488	2495	2504	rVV9	27478	78862	1.41%	0.104%
70	18.207	2506	2511	2515	rVB	85236	99388	1.77%	0.131%
71	18.378	2536	2540	2547	rVB	75705	92140	1.64%	0.122%

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72	18.478	2553	2557	2560	rBV3	19230	32017	0.57%	0.042%
73	18.601	2572	2578	2589	rBV	838836	1248776	22.28%	1.647%
74	18.884	2622	2626	2630	rBV	63968	78441	1.40%	0.103%
75	18.925	2630	2633	2641	rVV3	26743	46364	0.83%	0.061%
76	19.013	2645	2648	2653	rVB3	20302	24442	0.44%	0.032%
77	19.360	2700	2707	2711	rBV2	33369	54874	0.98%	0.072%
78	19.454	2719	2723	2728	rBV4	23373	42126	0.75%	0.056%
79	19.501	2728	2731	2733	rVV2	55450	61912	1.10%	0.082%
80	19.525	2733	2735	2739	rVB	93129	103640	1.85%	0.137%
81	19.654	2754	2757	2761	rVB2	23669	22288	0.40%	0.029%
82	19.713	2763	2767	2769	rBV3	58361	82861	1.48%	0.109%
83	19.754	2769	2774	2784	rVB2	77742	172362	3.07%	0.227%
84	19.848	2786	2790	2797	rBV	214470	334760	5.97%	0.442%
85	20.007	2814	2817	2822	rVB	51022	66009	1.18%	0.087%
86	20.072	2825	2828	2830	rVV	43374	47761	0.85%	0.063%
87	20.119	2830	2836	2846	rVB	4028920	5605695	100.00%	7.395%
88	20.595	2913	2917	2921	rVB2	38468	50761	0.91%	0.067%
89	20.936	2972	2975	2977	rBV3	41921	54961	0.98%	0.073%
90	21.083	2997	3000	3003	rBV	47859	51340	0.92%	0.068%
91	21.119	3003	3006	3009	rVB2	40944	43200	0.77%	0.057%
92	21.542	3074	3078	3093	rVB	777056	1359930	24.26%	1.794%
93	21.889	3131	3137	3143	rBV	2394735	3240780	57.81%	4.276%
94	22.972	3318	3321	3326	rVB2	86349	112420	2.01%	0.148%
95	23.119	3341	3346	3352	rVB	398049	555312	9.91%	0.733%
96	23.536	3412	3417	3423	rBV2	153265	250989	4.48%	0.331%
97	24.213	3520	3532	3544	rVB2	2130390	4604845	82.15%	6.075%
98	24.371	3551	3559	3568	rVB2	1427217	2862861	51.07%	3.777%
99	24.895	3643	3648	3658	rVB	172708	360105	6.42%	0.475%
100	25.736	3786	3791	3799	rVB2	139905	333976	5.96%	0.441%

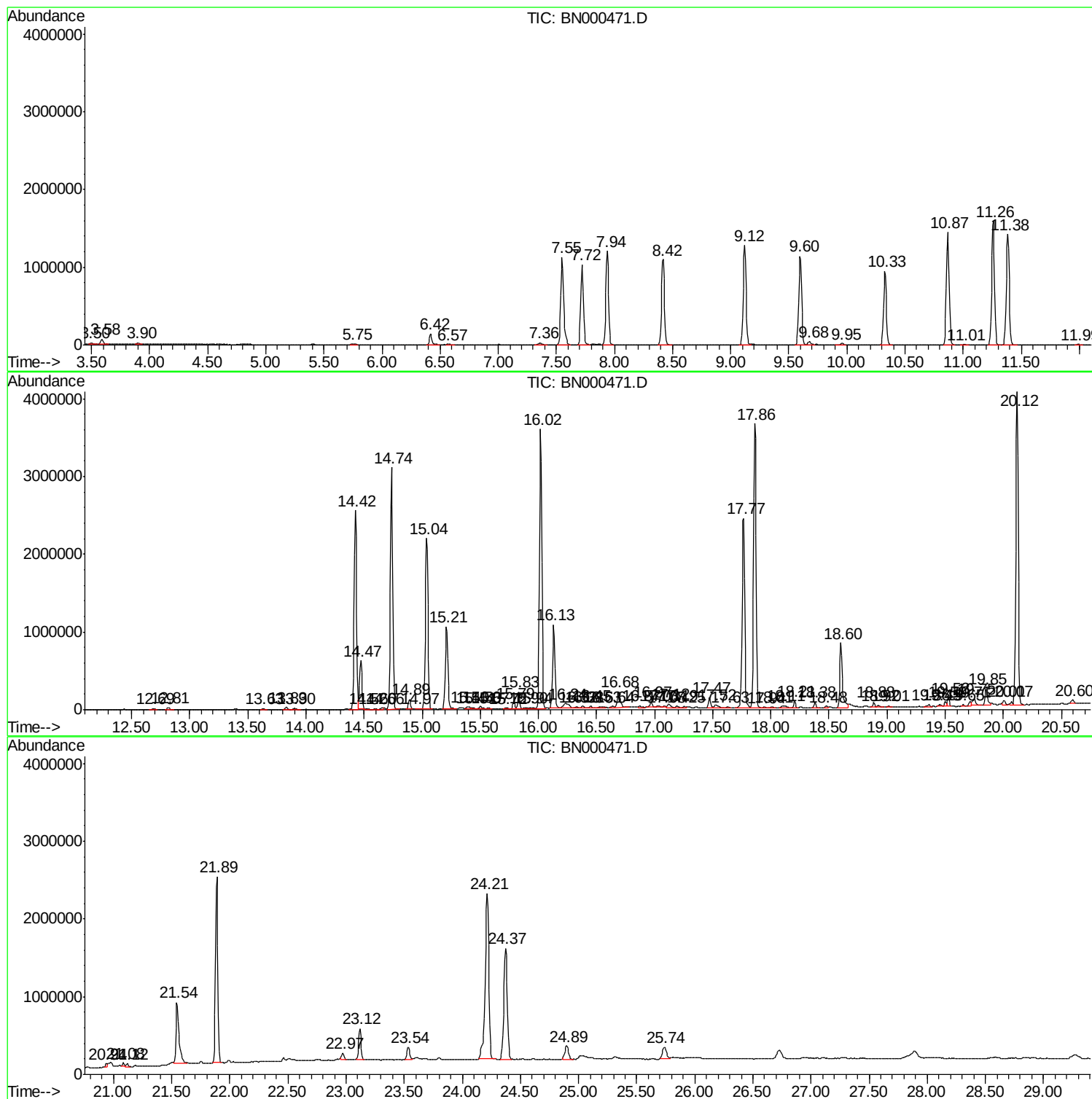
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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



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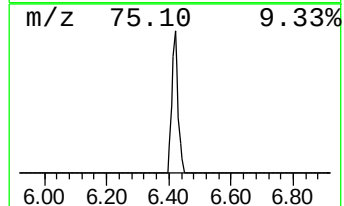
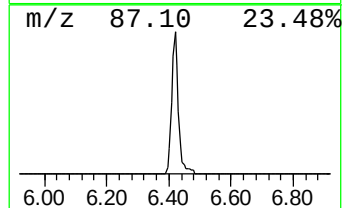
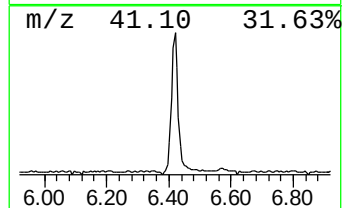
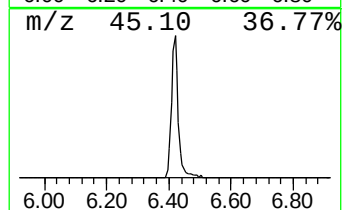
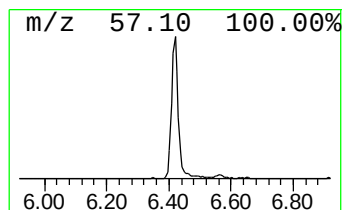
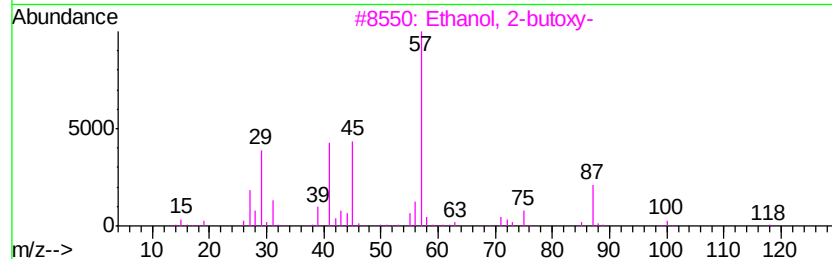
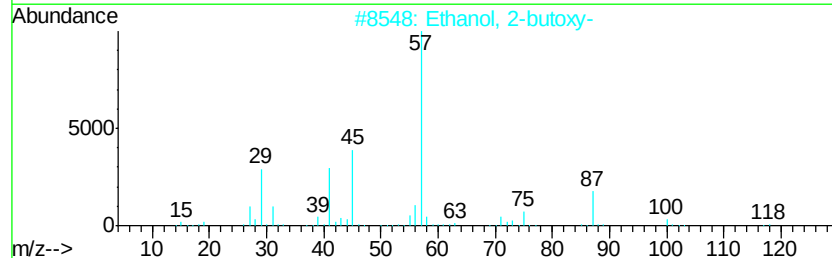
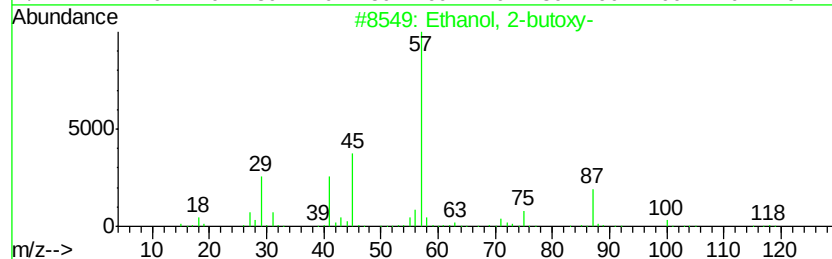
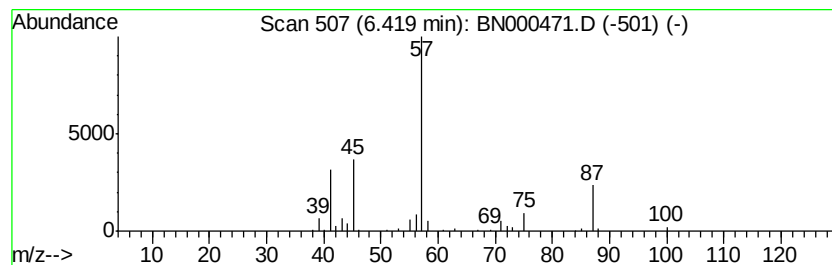
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Ethanol, 2-butoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.42	2.33 ng/ul	214832	1,4-Dichlorobenzene-d4	8.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	64
3	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	59
4	Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	38
5	n-Butyl ether	130	C8H18O	000142-96-1	37



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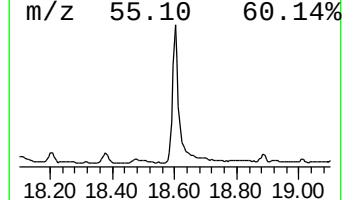
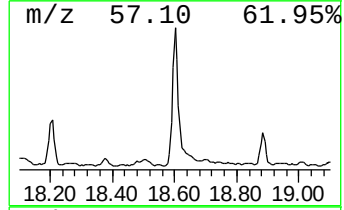
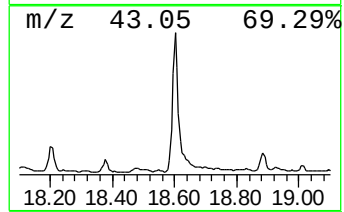
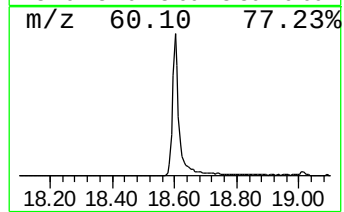
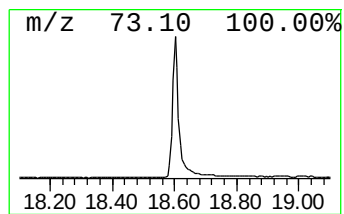
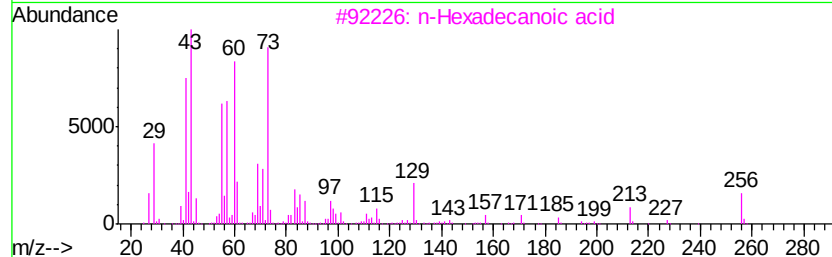
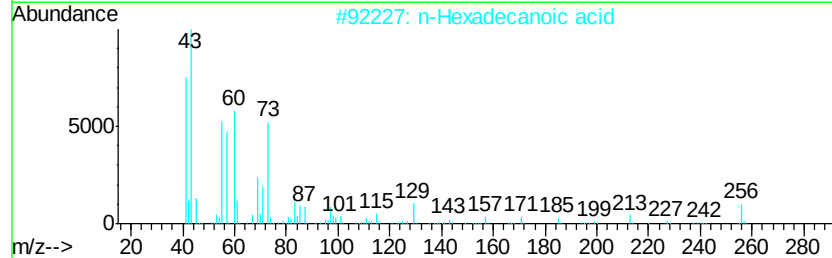
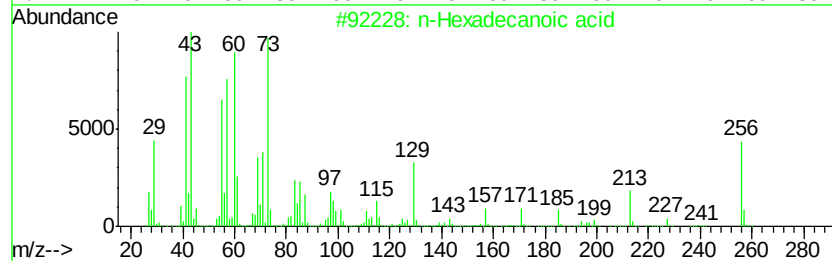
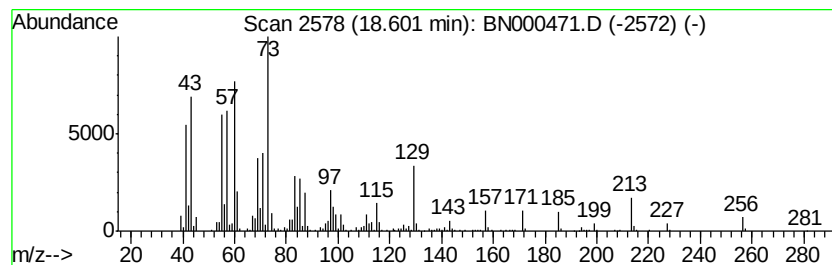
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	6.67 ng/ul	1248780	Phenanthrene-d10	17.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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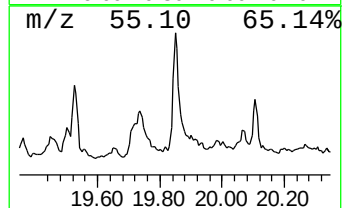
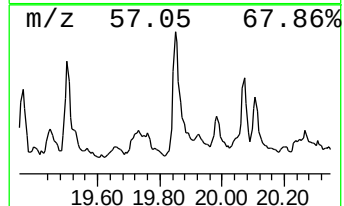
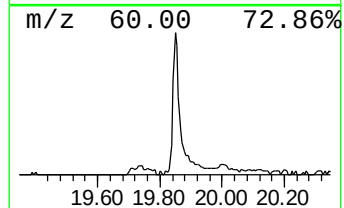
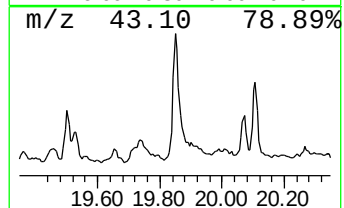
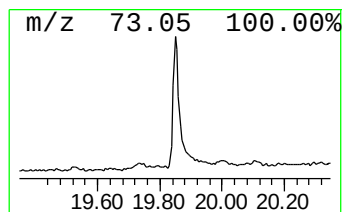
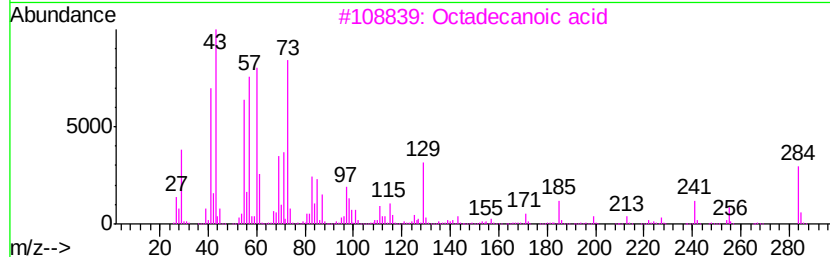
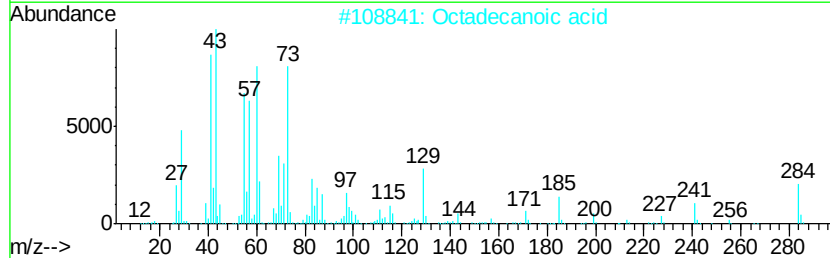
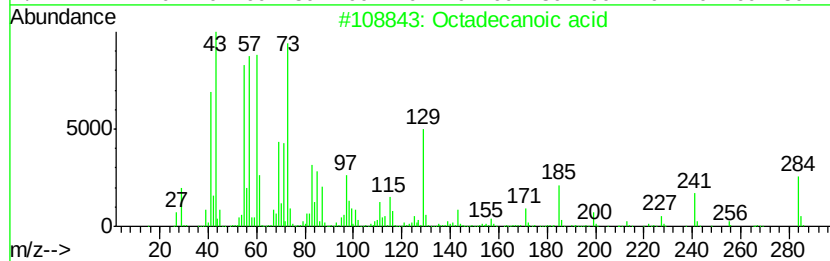
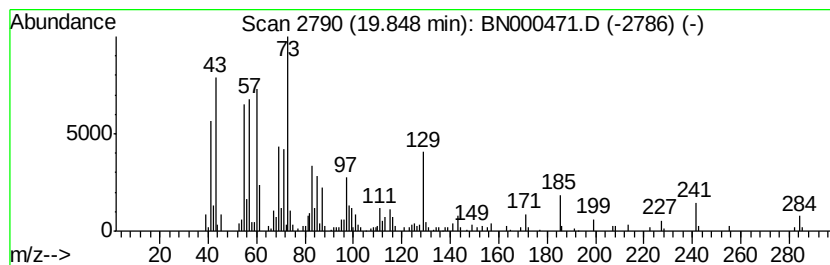
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Peak Number 3 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.85	2.07 ng/ul	334760	Chrysene-d12	21.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284 C18H36O2	000057-11-4	99
2	Octadecanoic acid	284 C18H36O2	000057-11-4	96
3	Octadecanoic acid	284 C18H36O2	000057-11-4	95
4	Octadecanoic acid	284 C18H36O2	000057-11-4	95
5	Tetradecanoic acid	228 C14H28O2	000544-63-8	94



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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEC6

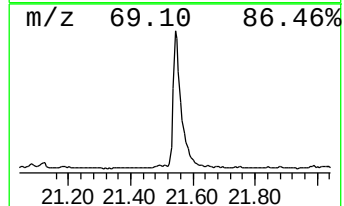
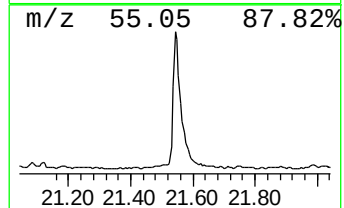
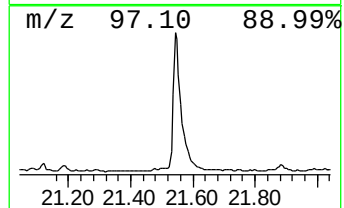
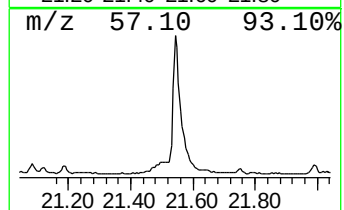
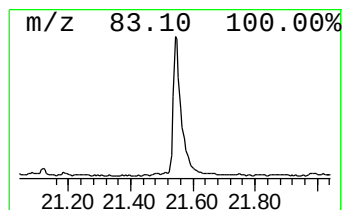
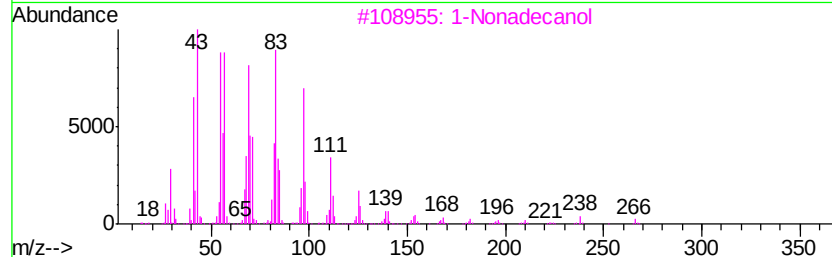
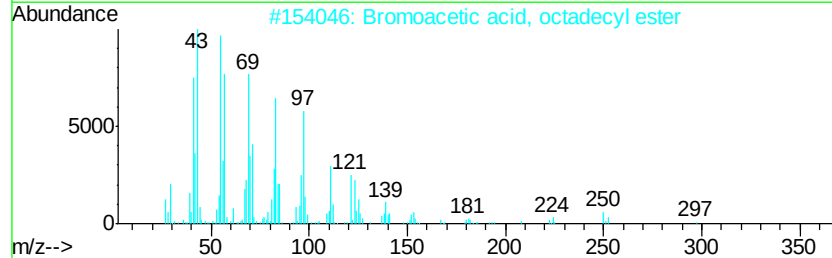
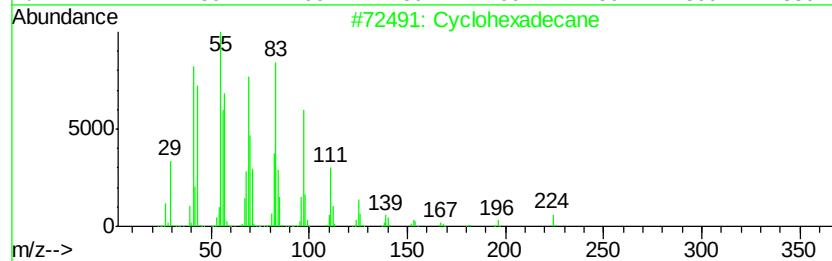
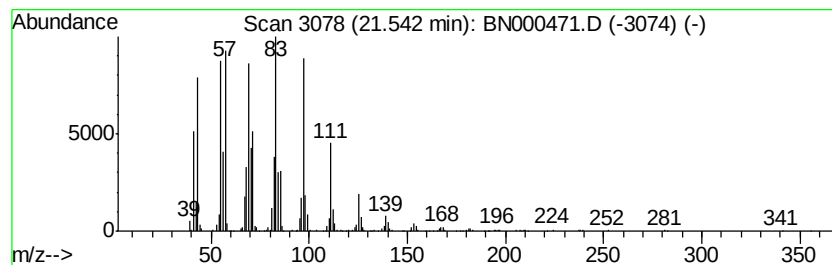
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	8.39 ng/ul	1359930	Chrysene-d12	21.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	94
2		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3		1-Nonadecanol	284	C19H40O	001454-84-8	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		1-Nonadecene	266	C19H38	018435-45-5	91



Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
Data File : BN000471.D
Acq On : 20 Mar 2018 01:40
Operator : JU/SJ
Sample : J1933-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEC6

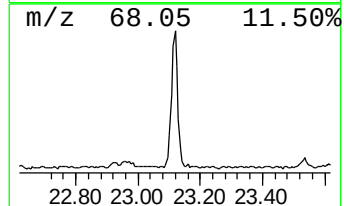
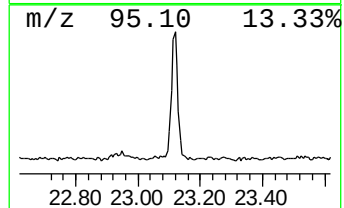
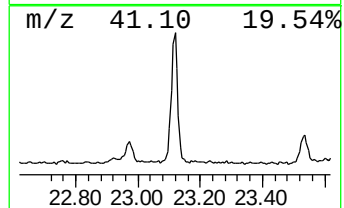
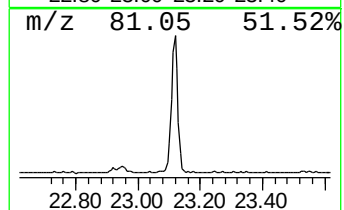
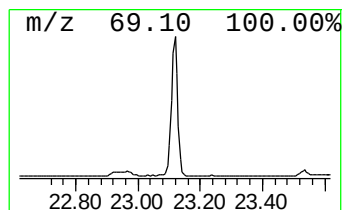
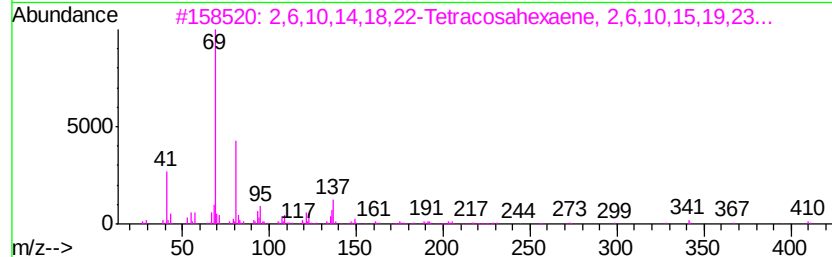
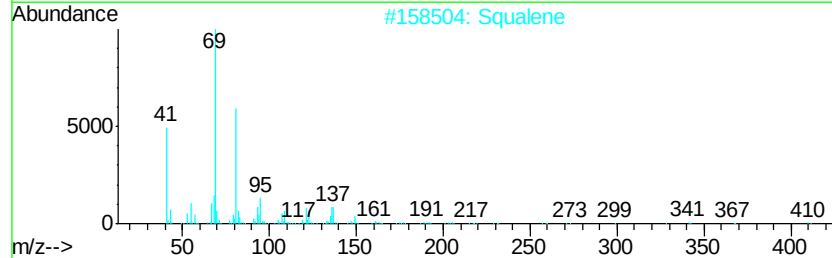
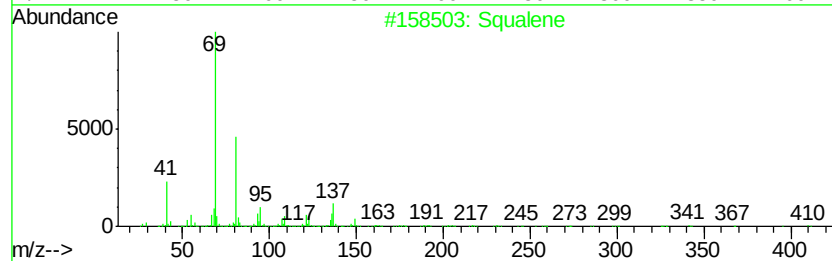
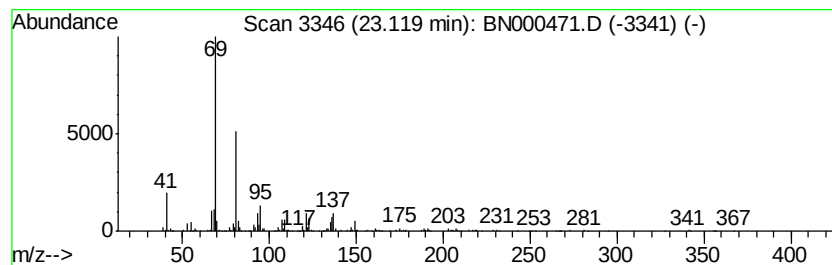
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	3.43 ng/ul	555312	Chrysene-d12	21.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene		410	C30H50	007683-64-9	91
2	Squalene		410	C30H50	007683-64-9	91
3	2,6,10,14,18,22-Tetracosahexaene...		410	C30H50	000111-02-4	91
4	2,6,10,14,18,22-Tetracosahexaene...		410	C30H50	000111-02-4	90
5	.psi.,.psi.-Carotene, 7,7',8,8',...		547	C40H66	000502-62-5	83



Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
Data File : BN000471.D
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Operator : JU/SJ
Sample : J1933-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEC6

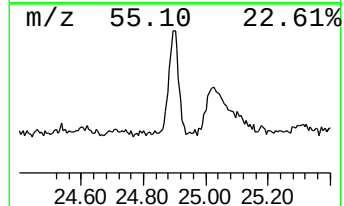
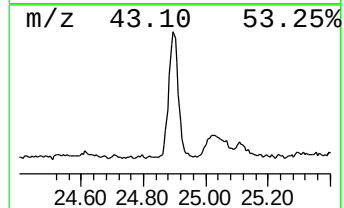
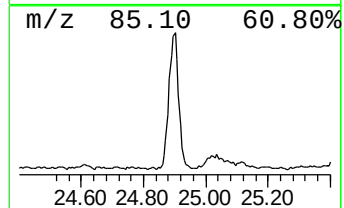
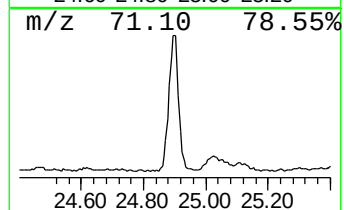
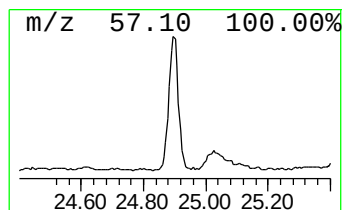
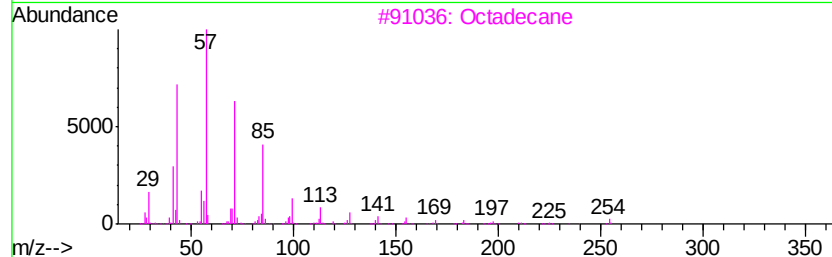
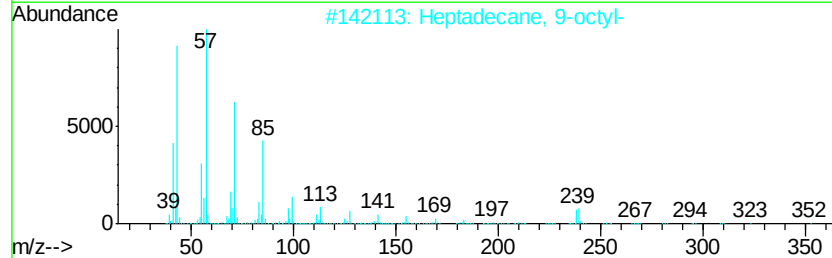
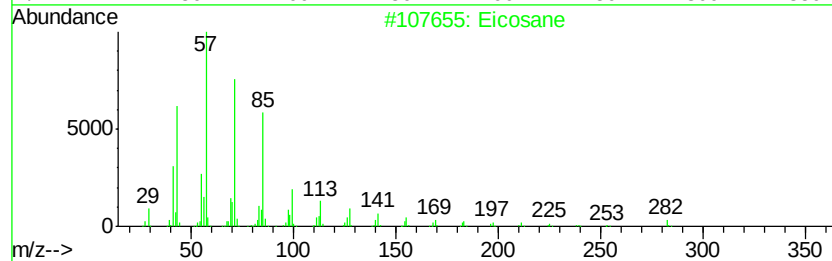
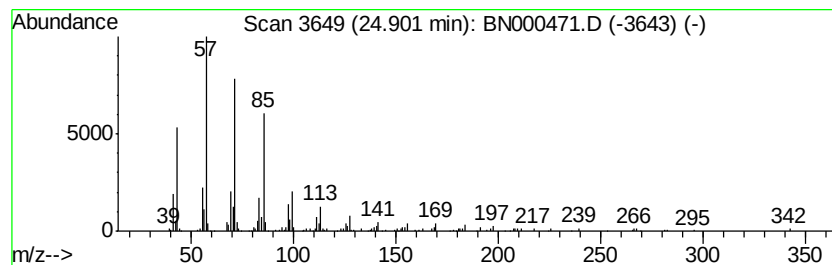
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Quant Title : SVOA CALIBRATION

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.
24.90	2.52 ng/ul	360105	Perylene-d12	24.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Octadecane	254	C18H38	000593-45-3	87
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5		Heneicosane	296	C21H44	000629-94-7	87



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Sample : J1933-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEC6

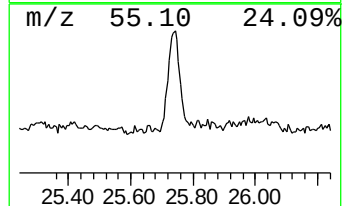
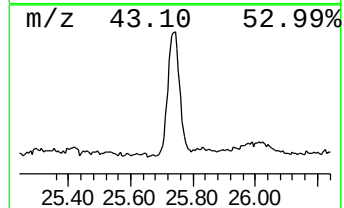
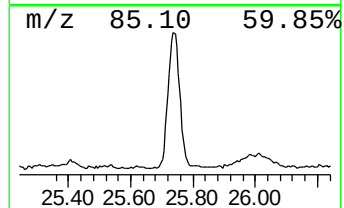
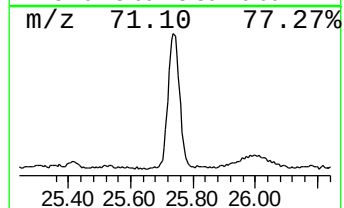
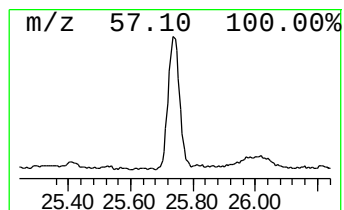
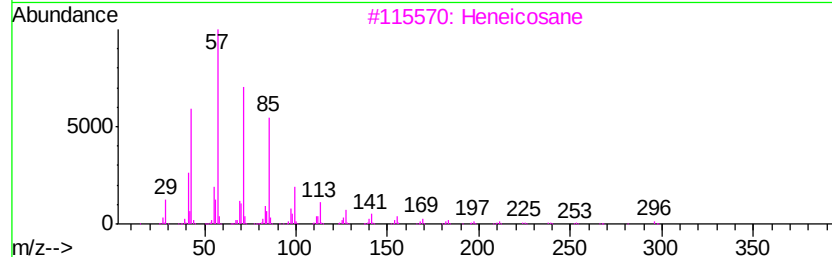
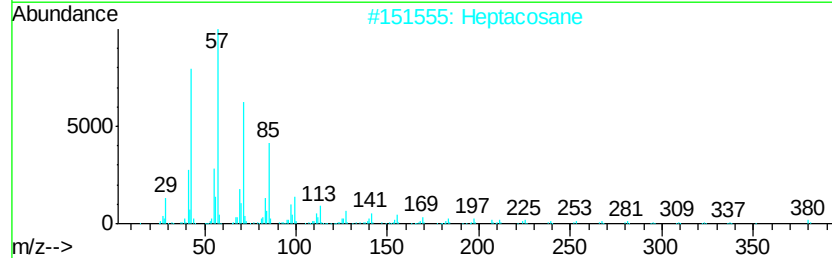
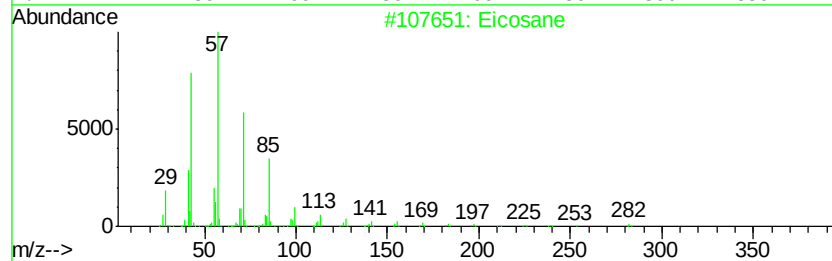
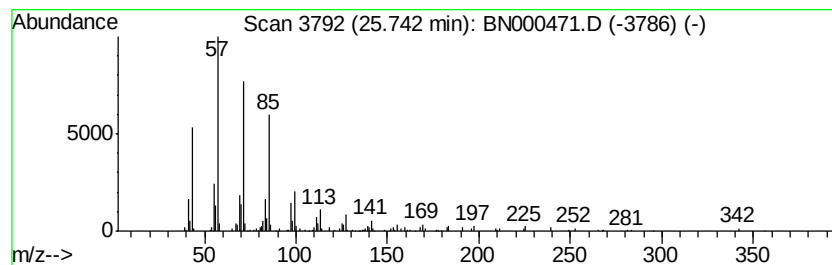
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.74	2.33 ng/ul	333976	Perylene-d12	24.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5		Docosane, 9-butyl-	366	C26H54	055282-14-9	90



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Sample : J1933-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEC6

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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
Ethanol, 2-butoxy-	6.42	2.3	ng/ul	214832	1	8.42	1840830	20.0
n-Hexadecanoic acid	18.60	6.7	ng/ul	1248780	4	17.77	3744130	20.0
Octadecanoic acid	19.85	2.1	ng/ul	334760	5	21.89	3240780	20.0
(DEL) Alkane: Cyc...	21.54	8.4	ng/ul	1359930	5	21.89	3240780	20.0
Squalene	23.12	3.4	ng/ul	555312	5	21.89	3240780	20.0
(DEL) Alkane: Str...	24.90	2.5	ng/ul	360105	6	24.37	2862860	20.0
(DEL) Alkane: Str...	25.74	2.3	ng/ul	333976	6	24.37	2862860	20.0