

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
 Data File : BN000479.D
 Acq On : 20 Mar 2018 06:16
 Operator : JU/SJ
 Sample : J1933-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEB8

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	3.590	22	26	36	rVB	89178	125047	2.43%	0.179%
2	4.067	103	107	112	rVB2	15687	20174	0.39%	0.029%
3	4.173	120	125	134	rVB	67875	96625	1.88%	0.138%
4	4.255	135	139	145	rBV	11663	17046	0.33%	0.024%
5	4.655	201	207	214	rBV	53477	74168	1.44%	0.106%
6	5.020	264	269	273	rBV3	8540	13175	0.26%	0.019%
7	5.096	277	282	290	rVV	39258	59563	1.16%	0.085%
8	5.408	328	335	341	rBV2	53027	92799	1.80%	0.133%
9	5.496	346	350	356	rVB	10039	15920	0.31%	0.023%
10	6.420	501	507	521	rBV	208042	320233	6.22%	0.458%
11	6.572	526	533	541	rVB4	9580	20674	0.40%	0.030%
12	7.361	663	667	673	rBV3	6433	11236	0.22%	0.016%
13	7.549	692	699	714	rBV	1363776	2538943	49.33%	3.632%
14	7.725	721	729	738	rBV	1243825	1981739	38.51%	2.835%
15	7.937	758	765	774	rBV	1466890	2384066	46.32%	3.411%
16	8.419	840	847	859	rBV	1105758	1795223	34.88%	2.568%
17	9.119	959	966	976	rBV	1404024	2314991	44.98%	3.312%
18	9.196	976	979	983	rVV3	8622	13662	0.27%	0.020%
19	9.596	1039	1047	1056	rBV	1333461	2290060	44.50%	3.276%
20	9.678	1056	1061	1067	rVV	23587	44464	0.86%	0.064%
21	9.737	1067	1071	1077	rVB4	7558	12176	0.24%	0.017%
22	9.955	1102	1108	1113	rBV	41543	57755	1.12%	0.083%
23	10.325	1163	1171	1185	rBV	1065360	1834658	35.65%	2.625%
24	10.866	1256	1263	1272	rBV	1614551	2761015	53.65%	3.950%
25	11.260	1322	1330	1340	rVV	1416538	2495274	48.48%	3.570%
26	11.384	1343	1351	1364	rBV	1506127	2627453	51.05%	3.759%
27	12.637	1556	1564	1569	rVB5	7456	17018	0.33%	0.024%
28	12.813	1589	1594	1600	rBV	30838	45318	0.88%	0.065%
29	13.396	1687	1693	1703	rBV4	7936	20063	0.39%	0.029%
30	13.631	1728	1733	1738	rVB2	12846	18712	0.36%	0.027%
31	13.831	1761	1767	1773	rBV	49006	68295	1.33%	0.098%
32	13.896	1775	1778	1787	rVV6	8813	18423	0.36%	0.026%
33	14.354	1849	1856	1859	rBV3	7497	14618	0.28%	0.021%
34	14.425	1859	1868	1872	rVV	2503863	3496963	67.95%	5.003%

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35	14.472	1872	1876	1881	rVV	500696	717912	13.95%	1.027%
36	14.519	1881	1884	1893	rVB3	17889	27527	0.53%	0.039%
37	14.596	1893	1897	1901	rVB	12817	15799	0.31%	0.023%
38	14.654	1901	1907	1908	rBV3	10410	16789	0.33%	0.024%
39	14.737	1914	1921	1933	rVB	3097922	4648653	90.33%	6.650%
40	14.890	1942	1947	1952	rVB	170564	208541	4.05%	0.298%
41	14.960	1956	1959	1964	rBV4	11086	21458	0.42%	0.031%
42	15.037	1965	1972	1980	rVB2	1823364	2797897	54.36%	4.003%
43	15.207	1995	2001	2013	rBV	830605	1218474	23.68%	1.743%
44	15.325	2017	2021	2024	rVV	17831	33104	0.64%	0.047%
45	15.384	2028	2031	2037	rVV3	23884	39931	0.78%	0.057%
46	15.443	2037	2041	2046	rVV	16195	23598	0.46%	0.034%
47	15.501	2046	2051	2059	rVV2	36416	63374	1.23%	0.091%
48	15.572	2059	2063	2071	rVB2	21306	27923	0.54%	0.040%
49	15.713	2084	2087	2093	rBV3	6891	14841	0.29%	0.021%
50	15.790	2095	2100	2102	rBV	47090	68015	1.32%	0.097%
51	15.831	2102	2107	2112	rVV2	237149	317452	6.17%	0.454%
52	15.895	2112	2118	2121	rVV4	14469	25642	0.50%	0.037%
53	15.937	2121	2125	2132	rVB8	10448	23866	0.46%	0.034%
54	16.019	2132	2139	2152	rBV	3480495	5146547	100.00%	7.363%
55	16.131	2152	2158	2167	rBV	777192	1073307	20.85%	1.535%
56	16.231	2168	2175	2185	rVV3	59644	198894	3.86%	0.285%
57	16.325	2188	2191	2197	rVV3	17613	27800	0.54%	0.040%
58	16.384	2197	2201	2208	rVB3	24668	42478	0.83%	0.061%
59	16.448	2208	2212	2220	rBV2	27208	37423	0.73%	0.054%
60	16.642	2240	2245	2248	rBV2	18246	28896	0.56%	0.041%
61	16.684	2248	2252	2262	rVB	191792	303150	5.89%	0.434%
62	16.872	2281	2284	2288	rVB3	17696	21488	0.42%	0.031%
63	16.966	2294	2300	2305	rBV	65943	96647	1.88%	0.138%
64	17.025	2306	2310	2317	rVV6	18082	40023	0.78%	0.057%
65	17.084	2317	2320	2323	rVV2	18668	23283	0.45%	0.033%
66	17.119	2323	2326	2333	rVB3	31149	57343	1.11%	0.082%
67	17.190	2335	2338	2345	rVB2	24491	33403	0.65%	0.048%
68	17.254	2346	2349	2350	rVV2	14226	15190	0.30%	0.022%
69	17.284	2350	2354	2360	rVV4	58019	89479	1.74%	0.128%
70	17.472	2381	2386	2390	rBV	100109	122313	2.38%	0.175%
71	17.525	2391	2395	2399	rVV2	22736	32983	0.64%	0.047%

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72	17.625	2407	2412	2418	rBV5	12007	22301	0.43%	0.032%
73	17.760	2429	2435	2446	rVB2	1884976	2808161	54.56%	4.017%
74	17.860	2446	2452	2463	rVB2	3383882	4891627	95.05%	6.998%
75	18.001	2473	2476	2483	rVB4	12378	22981	0.45%	0.033%
76	18.119	2492	2496	2500	rVB6	18898	30427	0.59%	0.044%
77	18.201	2506	2510	2515	rVB	44492	52693	1.02%	0.075%
78	18.378	2536	2540	2546	rVB	27496	39133	0.76%	0.056%
79	18.478	2553	2557	2559	rBV5	10560	17262	0.34%	0.025%
80	18.595	2573	2577	2589	rBV	319792	539097	10.47%	0.771%
81	18.884	2622	2626	2630	rBV	35273	45438	0.88%	0.065%
82	18.919	2630	2632	2636	rVV2	15086	17908	0.35%	0.026%
83	18.966	2638	2640	2644	rVV5	10816	15352	0.30%	0.022%
84	19.007	2645	2647	2651	rVB5	11313	11503	0.22%	0.016%
85	19.360	2704	2707	2710	rVB2	24345	27591	0.54%	0.039%
86	19.448	2718	2722	2727	rBV6	22660	42811	0.83%	0.061%
87	19.501	2728	2731	2733	rVV2	30558	37057	0.72%	0.053%
88	19.525	2733	2735	2739	rVB3	32795	34090	0.66%	0.049%
89	19.713	2764	2767	2768	rBV3	11051	12619	0.25%	0.018%
90	19.754	2771	2774	2777	rVV	49676	72236	1.40%	0.103%
91	19.784	2777	2779	2784	rVB	39944	44506	0.86%	0.064%
92	19.848	2786	2790	2801	rBV	72517	139810	2.72%	0.200%
93	20.007	2814	2817	2820	rVB	36738	47340	0.92%	0.068%
94	20.119	2830	2836	2846	rVB	3655254	5065827	98.43%	7.247%
95	21.548	3075	3079	3090	rVB3	158527	318083	6.18%	0.455%
96	21.883	3130	3136	3141	rBV2	1906355	2636369	51.23%	3.772%
97	23.113	3342	3345	3352	rVB	149992	214152	4.16%	0.306%
98	23.530	3413	3416	3423	rVB2	117593	166849	3.24%	0.239%
99	24.207	3525	3531	3546	rVB2	2152920	4548542	88.38%	6.507%
100	24.366	3551	3558	3573	rVB	1202114	2559338	49.73%	3.661%

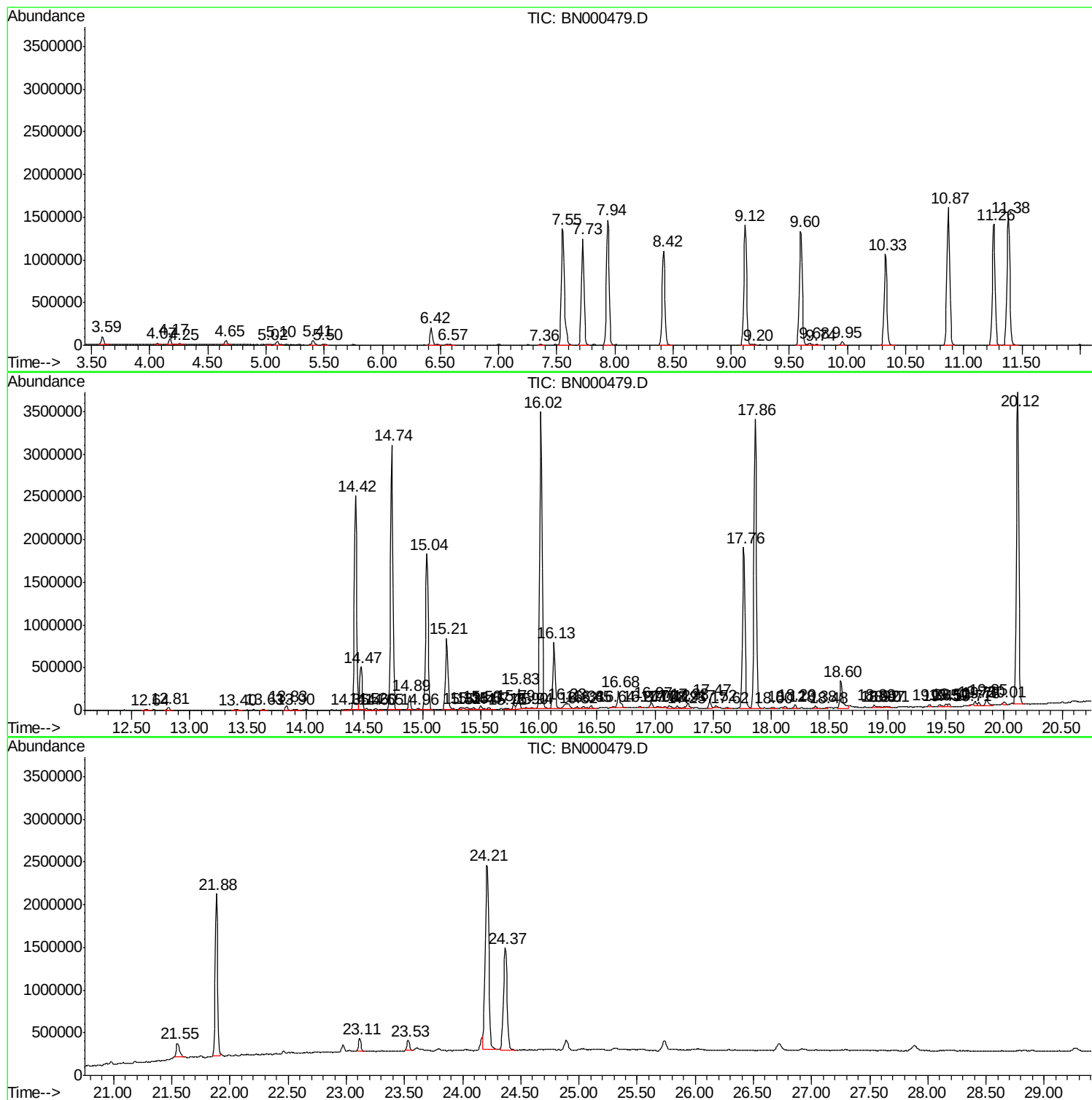
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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



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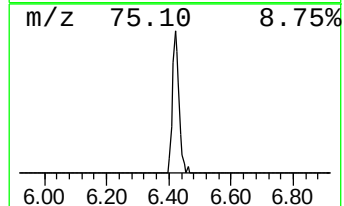
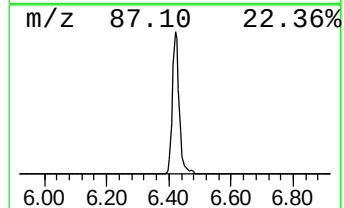
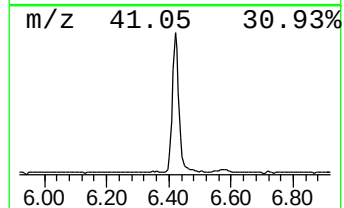
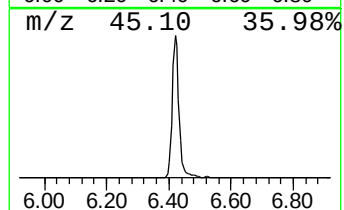
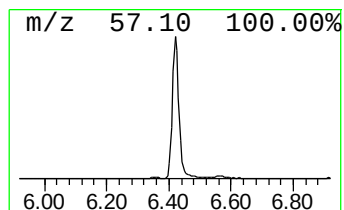
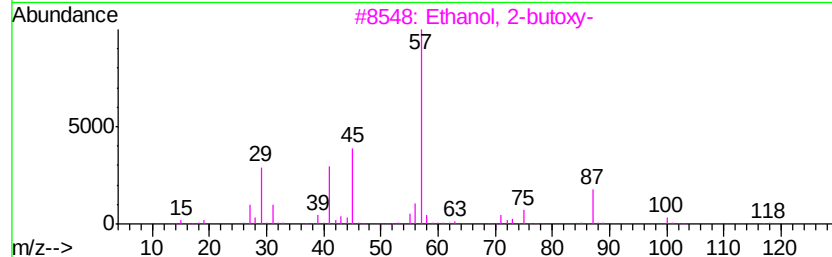
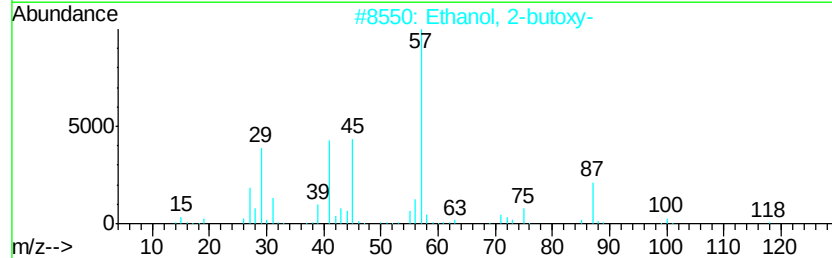
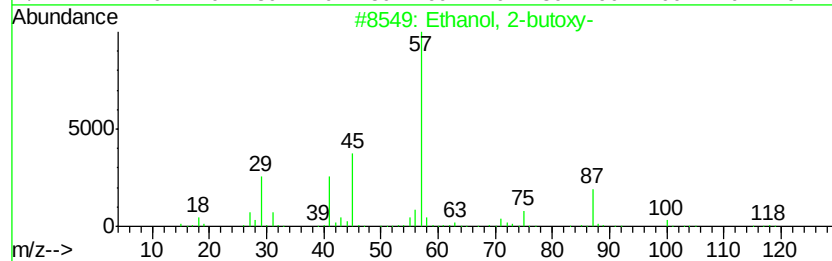
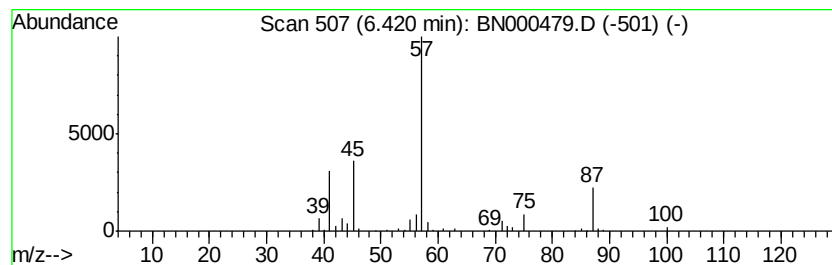
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.42	3.57 ng/ul	320233	1,4-Dichlorobenzene-d4	8.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	72
3	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	50
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	47
5	n-Butyl ether	130	C8H18O	000142-96-1	47



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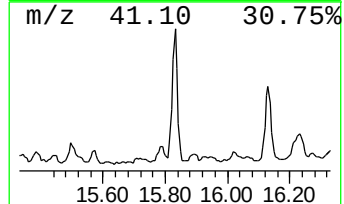
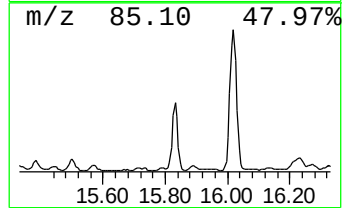
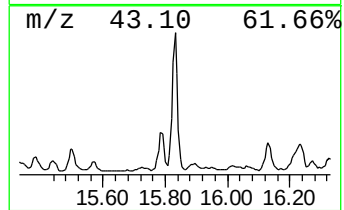
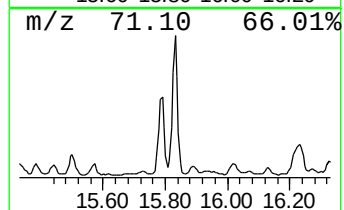
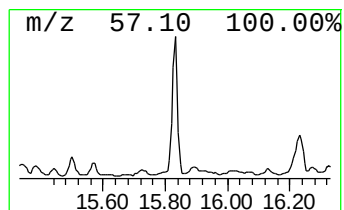
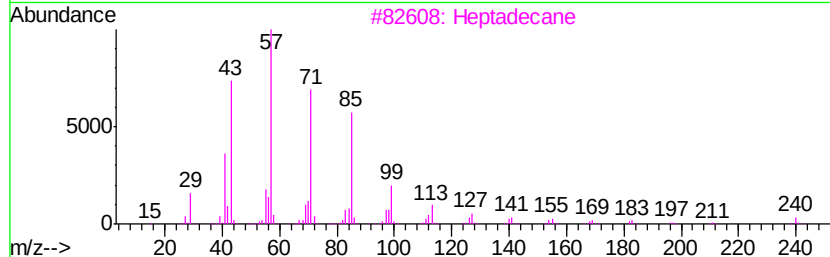
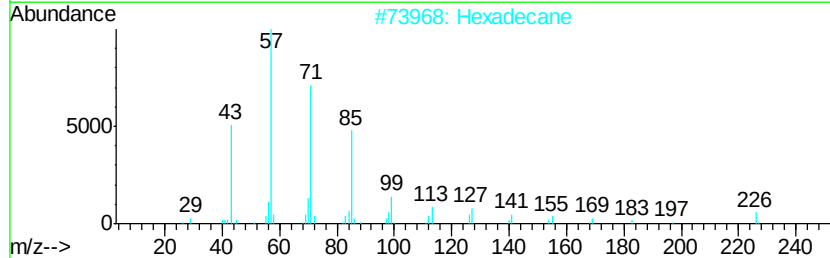
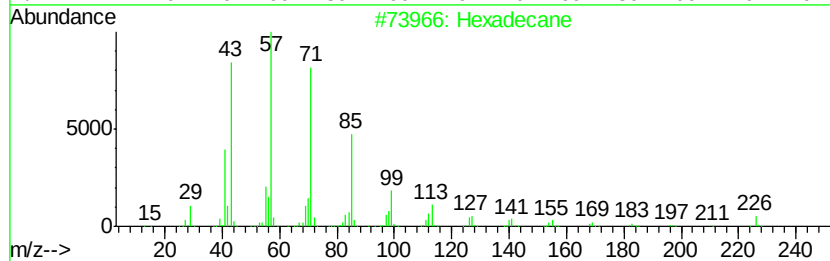
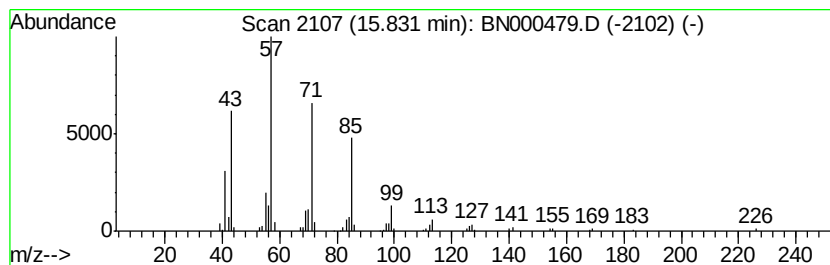
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	2.27 ng/ul	317452	Acenaphthene-d10	15.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Hexadecane	226	C16H34	000544-76-3	94
3		Heptadecane	240	C17H36	000629-78-7	91
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
5		Tetradecane	198	C14H30	000629-59-4	87



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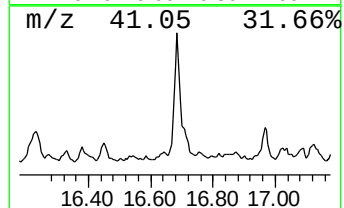
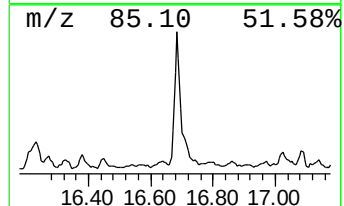
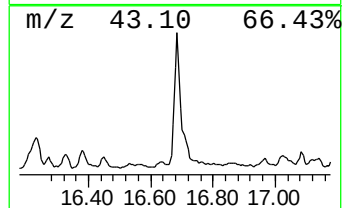
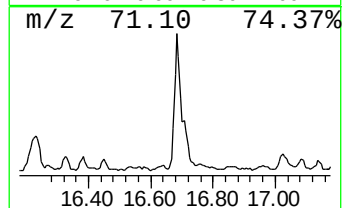
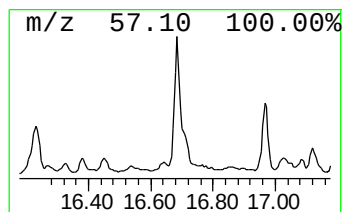
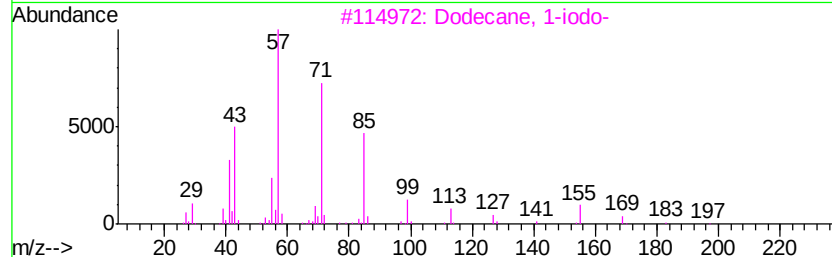
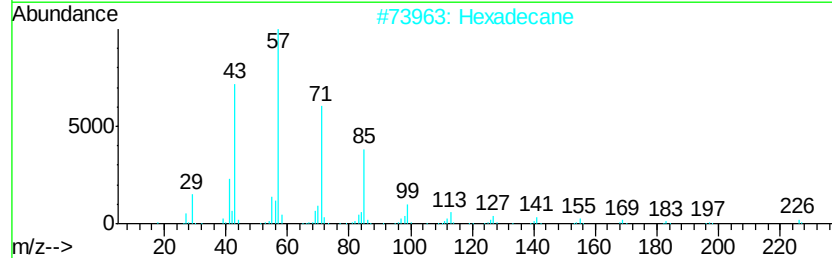
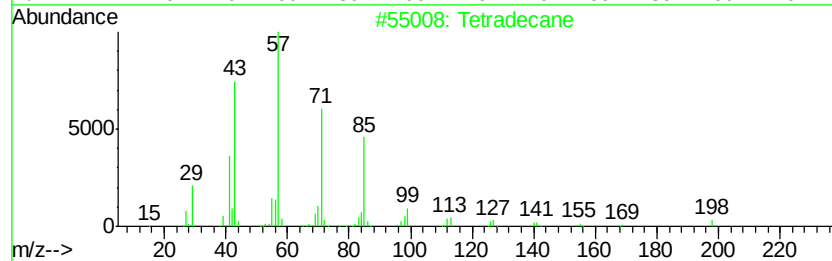
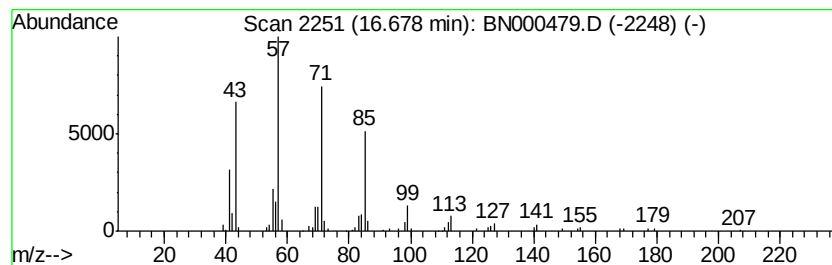
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	2.16 ng/ul	303150	Phenanthrene-d10	17.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4		Eicosane	282	C20H42	000112-95-8	83
5		Heptacosane	380	C27H56	000593-49-7	80



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Misc :
ALS Vial : 32 Sample Multiplier: 1

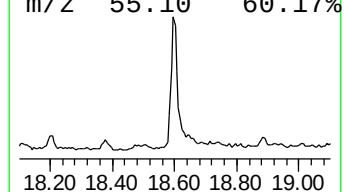
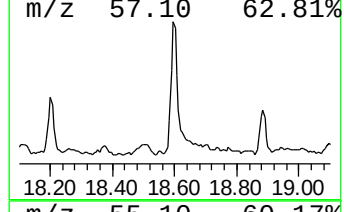
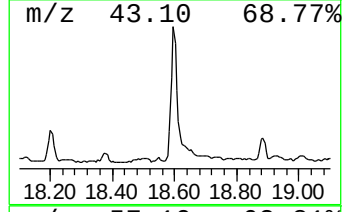
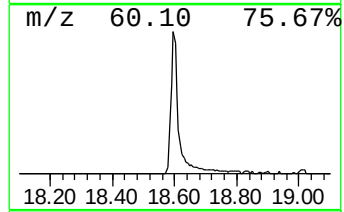
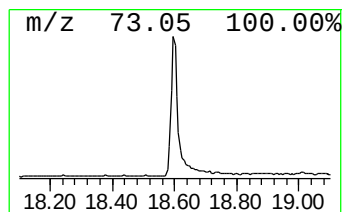
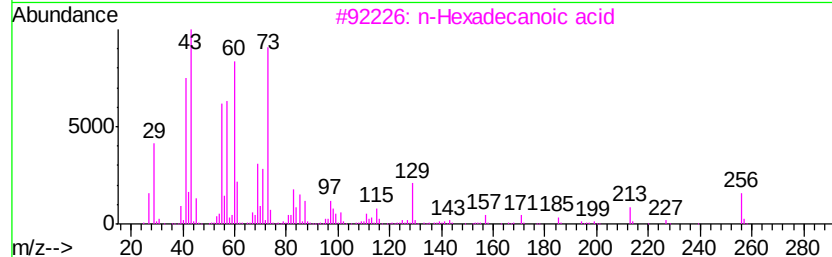
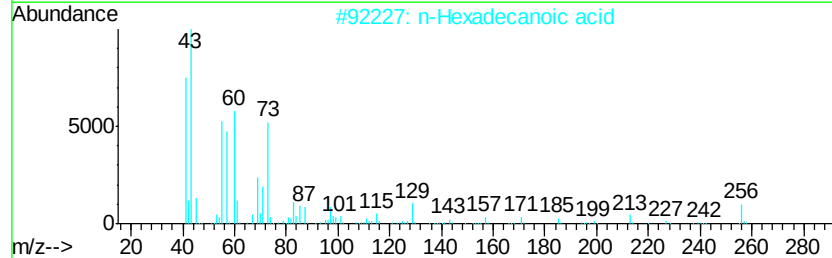
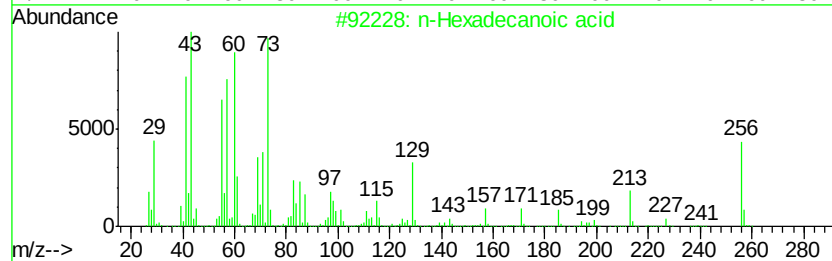
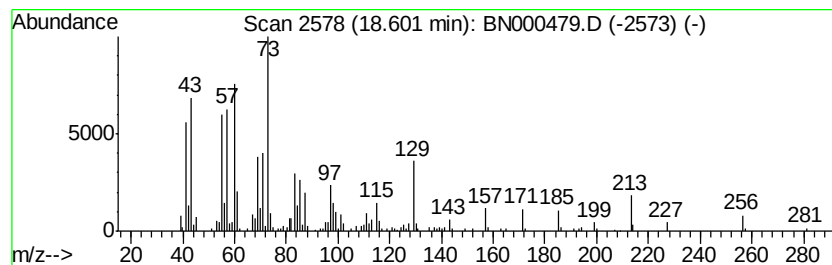
Instrument :
BNA_N
ClientSampleId :
BEEB8

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 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.60	3.84 ng/ul	539097	Phenanthrene-d10	17.76		
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	95	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76	



Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
Data File : BN000479.D
Acq On : 20 Mar 2018 06:16
Operator : JU/SJ
Sample : J1933-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

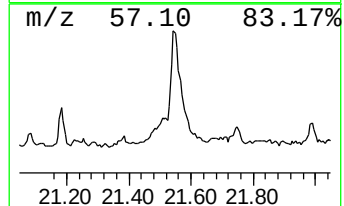
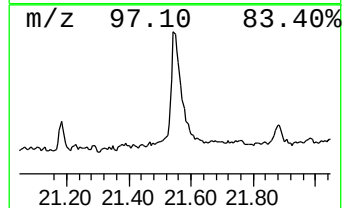
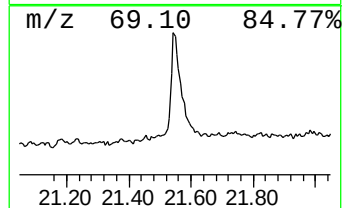
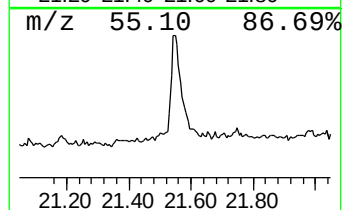
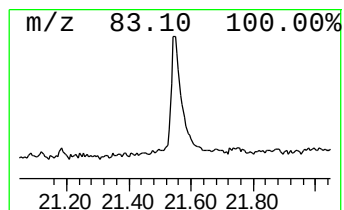
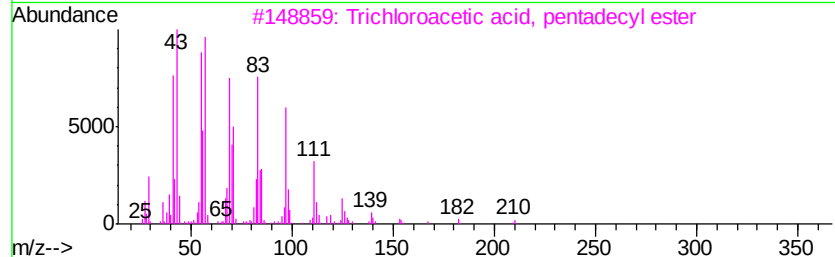
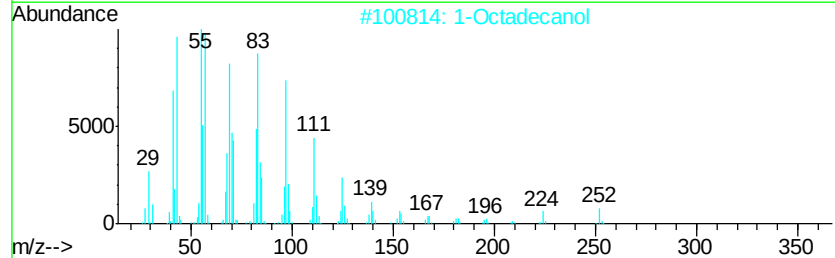
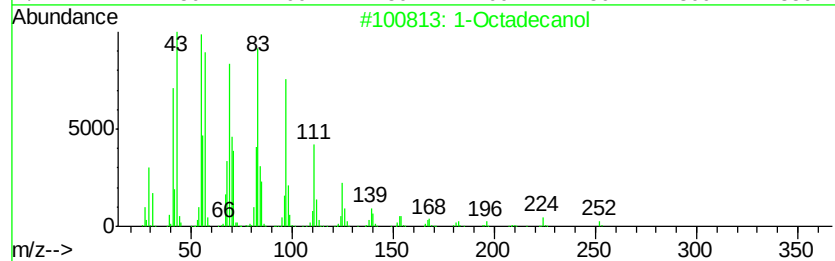
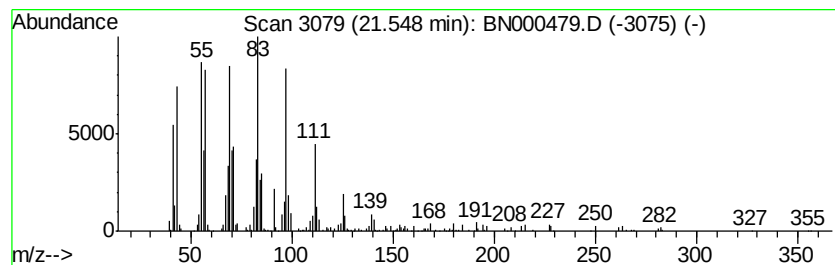
Instrument :
BNA_N
ClientSampleId :
BEEB8

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 1-Octadecanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	2.41 ng/ul	318083	Chrysene-d12	21.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Octadecanol		270 C18H38O	000112-92-5 95
2	1-Octadecanol		270 C18H38O	000112-92-5 95
3	Trichloroacetic acid, pentadecyl...		372 C17H31Cl3O2	074339-53-0 91
4	1-Nonadecene		266 C19H38	018435-45-5 91
5	3-Eicosene, (E)-		280 C20H40	074685-33-9 91



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031918\
Data File : BN000479.D
Acq On : 20 Mar 2018 06:16
Operator : JU/SJ
Sample : J1933-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEB8

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
Ethanol, 2-butoxy-	6.42	3.6	ng/ul	320233	1	8.42	1795220	20.0
(DEL) Alkane: Str...	15.83	2.3	ng/ul	317452	3	15.04	2797900	20.0
(DEL) Alkane: Str...	16.68	2.2	ng/ul	303150	4	17.76	2808160	20.0
n-Hexadecanoic acid	18.60	3.8	ng/ul	539097	4	17.76	2808160	20.0
1-Octadecanol	21.55	2.4	ng/ul	318083	5	21.88	2636370	20.0