

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
 Data File : BN000612.D
 Acq On : 24 Mar 2018 10:53
 Operator : JU/SJ
 Sample : J1951-01
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS2

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	23	26	40	rVB	33965	58194	2.72%	0.160%
2	3.749	51	53	58	rVB5	4014	5408	0.25%	0.015%
3	4.067	104	107	112	rVB2	9186	13000	0.61%	0.036%
4	4.178	120	126	132	rBV	50420	73988	3.46%	0.203%
5	4.255	135	139	143	rVV	6329	8982	0.42%	0.025%
6	4.308	143	148	152	rVB2	7723	11556	0.54%	0.032%
7	4.420	163	167	171	rBV4	4851	8028	0.38%	0.022%
8	4.814	230	234	238	rVB4	3142	4510	0.21%	0.012%
9	5.014	264	268	272	rBV2	6183	8620	0.40%	0.024%
10	5.055	272	275	281	rVB4	3699	5132	0.24%	0.014%
11	5.408	327	335	343	rBV	176599	268166	12.56%	0.737%
12	5.496	345	350	356	rVB2	9080	14036	0.66%	0.039%
13	6.355	489	496	500	rBV4	4487	9282	0.43%	0.025%
14	6.419	500	507	512	rVV	21625	34485	1.61%	0.095%
15	6.578	524	534	538	rVB6	3901	8910	0.42%	0.024%
16	6.984	596	603	604	rBV3	3439	4329	0.20%	0.012%
17	7.002	604	606	612	rVB3	3065	4658	0.22%	0.013%
18	7.249	643	648	652	rVB	3515	5641	0.26%	0.015%
19	7.555	692	700	713	rBV	540120	930806	43.58%	2.557%
20	7.719	720	728	737	rBV	472643	752591	35.24%	2.067%
21	7.937	757	765	773	rBV	573137	951179	44.53%	2.613%
22	8.002	773	776	780	rVB4	7308	9765	0.46%	0.027%
23	8.414	839	846	856	rVB	763714	1221599	57.20%	3.355%
24	9.125	959	967	977	rBV	680025	1152519	53.96%	3.166%
25	9.243	985	987	995	rVB3	4227	6632	0.31%	0.018%
26	9.596	1039	1047	1058	rBV	537055	904398	42.34%	2.484%
27	9.684	1058	1062	1067	rVV2	7513	14681	0.69%	0.040%
28	9.725	1067	1069	1075	rVB2	6349	9173	0.43%	0.025%
29	9.943	1100	1106	1111	rBV	16648	24411	1.14%	0.067%
30	10.325	1163	1171	1180	rBV	429065	730221	34.19%	2.006%
31	10.866	1257	1263	1271	rBV	671535	1162300	54.42%	3.192%
32	10.937	1271	1275	1281	rVB2	9961	17719	0.83%	0.049%
33	11.184	1311	1317	1319	rBV2	3759	6314	0.30%	0.017%
34	11.255	1322	1329	1335	rVV	1033982	1754806	82.16%	4.820%

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35	11.302	1335	1337	1343	rVB	18864	25370	1.19%	0.070%
36	11.384	1343	1351	1365	rBV	478221	864932	40.50%	2.376%
37	12.213	1487	1492	1498	rVB	2108	3856	0.18%	0.011%
38	12.425	1523	1528	1534	rVB2	27539	40581	1.90%	0.111%
39	12.613	1554	1560	1561	rBV	5140	7732	0.36%	0.021%
40	12.631	1561	1563	1567	rVB2	5297	5575	0.26%	0.015%
41	12.684	1567	1572	1576	rBV	9361	14363	0.67%	0.039%
42	12.813	1589	1594	1600	rBV2	11487	18413	0.86%	0.051%
43	12.884	1600	1606	1612	rVB	9726	15091	0.71%	0.041%
44	13.101	1638	1643	1647	rBV	7117	10079	0.47%	0.028%
45	13.149	1649	1651	1657	rVB4	3112	4323	0.20%	0.012%
46	13.384	1686	1691	1697	rBV4	4961	11307	0.53%	0.031%
47	13.537	1713	1717	1721	rBV	3223	4297	0.20%	0.012%
48	13.625	1728	1732	1737	rVB5	6261	8957	0.42%	0.025%
49	13.825	1761	1766	1770	rBV	19029	27443	1.28%	0.075%
50	13.896	1770	1778	1783	rVB3	7434	17767	0.83%	0.049%
51	14.072	1803	1808	1811	rBV5	3417	6362	0.30%	0.017%
52	14.278	1838	1843	1844	rBV4	3408	4158	0.19%	0.011%
53	14.354	1852	1856	1857	rBV4	4544	4734	0.22%	0.013%
54	14.384	1857	1861	1862	rVV	30924	36492	1.71%	0.100%
55	14.419	1862	1867	1872	rVV	1082810	1556851	72.89%	4.276%
56	14.466	1872	1875	1881	rVV	372378	480629	22.50%	1.320%
57	14.513	1881	1883	1891	rVB3	5544	7004	0.33%	0.019%
58	14.584	1893	1895	1899	rVB3	6620	7862	0.37%	0.022%
59	14.731	1914	1920	1930	rBV	1264110	1934057	90.55%	5.312%
60	14.884	1941	1946	1951	rVB	55327	67569	3.16%	0.186%
61	15.037	1965	1972	1978	rBV2	1301921	2033813	95.22%	5.586%
62	15.095	1978	1982	1988	rVB	107991	155621	7.29%	0.427%
63	15.219	1997	2003	2014	rBV	263929	437608	20.49%	1.202%
64	15.337	2020	2023	2025	rVB4	6217	5895	0.28%	0.016%
65	15.372	2025	2029	2033	rVB3	9504	14233	0.67%	0.039%
66	15.425	2033	2038	2046	rVB	37955	62435	2.92%	0.171%
67	15.490	2046	2049	2053	rBV2	14662	20105	0.94%	0.055%
68	15.566	2058	2062	2066	rBV3	8306	12677	0.59%	0.035%
69	15.690	2079	2083	2086	rBV4	3719	7034	0.33%	0.019%
70	15.778	2094	2098	2102	rBV	41008	58744	2.75%	0.161%
71	15.825	2102	2106	2110	rVB	70023	88112	4.13%	0.242%

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72	16.013	2132	2138	2144	rBV	1409166	2135822	100.00%	5.866%
73	16.072	2144	2148	2153	rVB	58398	83616	3.91%	0.230%
74	16.137	2153	2159	2166	rBV	182242	279633	13.09%	0.768%
75	16.225	2166	2174	2183	rVV5	27877	94389	4.42%	0.259%
76	16.319	2187	2190	2193	rVV3	11584	15132	0.71%	0.042%
77	16.360	2193	2197	2203	rVB3	12447	22940	1.07%	0.063%
78	16.442	2208	2211	2216	rBV5	9063	12761	0.60%	0.035%
79	16.501	2217	2221	2228	rVB3	15033	31026	1.45%	0.085%
80	16.625	2240	2242	2246	rVB4	6586	7874	0.37%	0.022%
81	16.678	2247	2251	2258	rBV	62907	107242	5.02%	0.295%
82	17.466	2381	2385	2388	rBV2	38783	54715	2.56%	0.150%
83	17.513	2390	2393	2398	rVV3	30072	46684	2.19%	0.128%
84	17.578	2401	2404	2409	rVB	34517	49851	2.33%	0.137%
85	17.760	2429	2435	2439	rBV	1295740	1940850	90.87%	5.331%
86	17.801	2439	2442	2447	rVB	553458	719620	33.69%	1.977%
87	17.860	2447	2452	2456	rBV	1271180	1850415	86.64%	5.082%
88	18.154	2498	2502	2507	rVB	65280	83625	3.92%	0.230%
89	18.595	2572	2577	2586	rBV2	218172	437271	20.47%	1.201%
90	18.672	2586	2590	2594	rVB	67626	104656	4.90%	0.287%
91	18.819	2611	2615	2619	rBV	71379	110609	5.18%	0.304%
92	19.783	2774	2779	2784	rVB	974860	1288091	60.31%	3.538%
93	19.842	2786	2789	2799	rBV2	119375	241404	11.30%	0.663%
94	20.113	2830	2835	2838	rBV2	1276477	1948524	91.23%	5.352%
95	20.142	2838	2840	2847	rVB	800740	968851	45.36%	2.661%
96	21.883	3130	3136	3140	rBV2	1102221	2026826	94.90%	5.567%
97	21.919	3140	3142	3151	rVB	463502	651096	30.48%	1.788%
98	23.613	3426	3430	3435	rBV	319768	651196	30.49%	1.789%
99	24.207	3527	3531	3536	rBV2	595179	1041510	48.76%	2.861%
100	24.366	3554	3558	3564	rVB2	629119	1123936	52.62%	3.087%

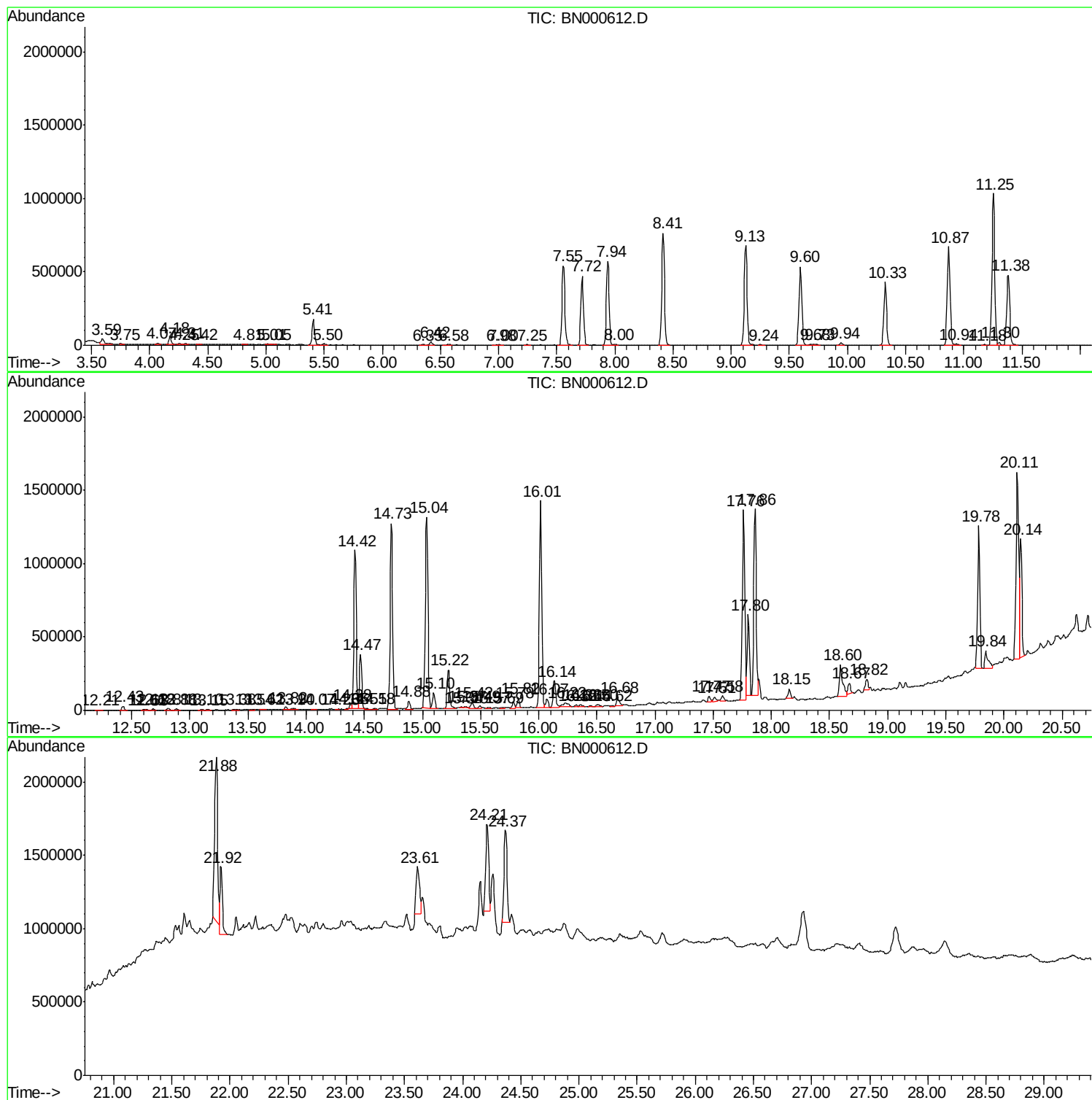
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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



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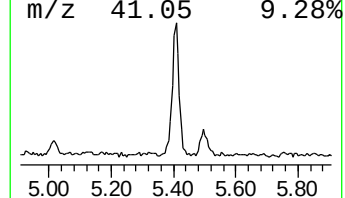
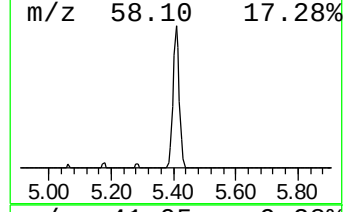
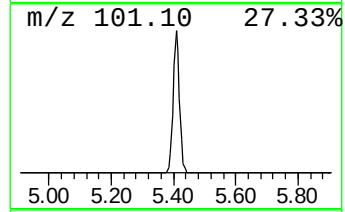
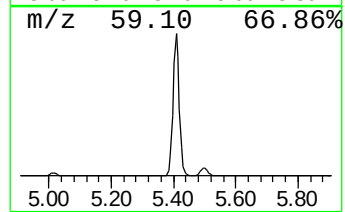
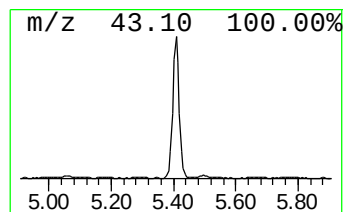
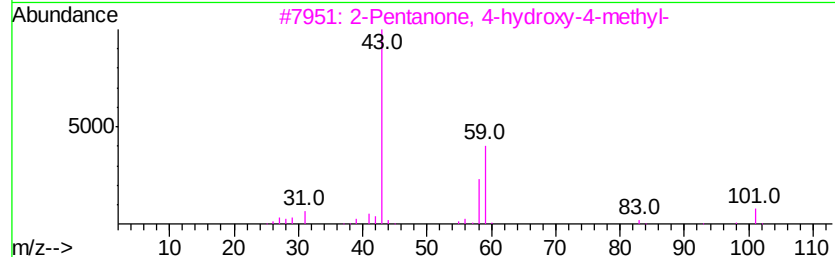
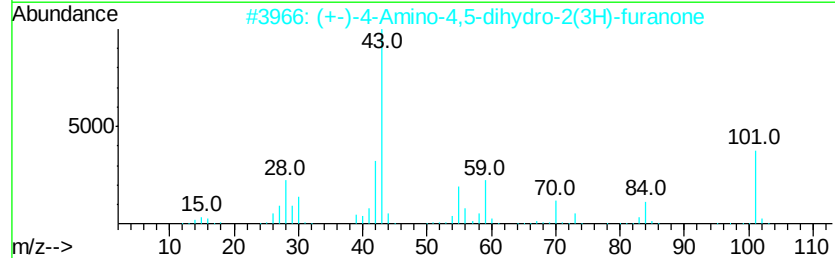
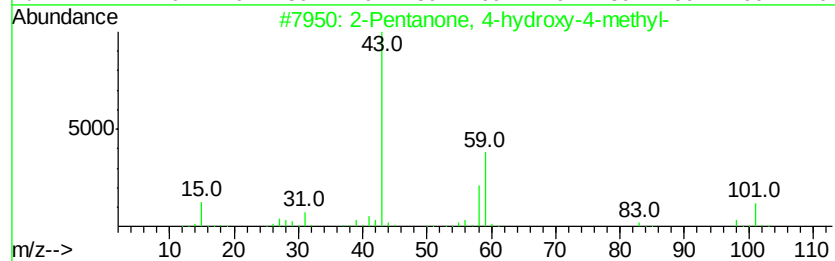
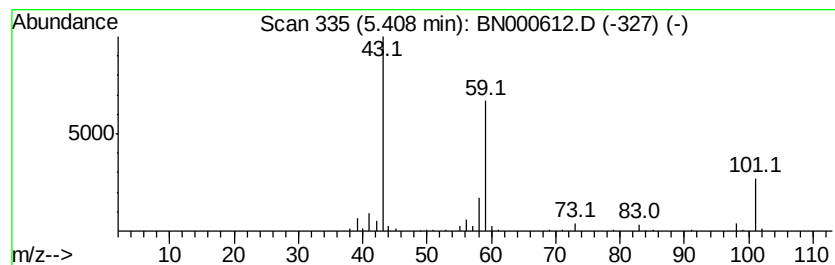
Instrument :
BNA_N
ClientSampleId :
C0AS2

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 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
5.41	4.39 ng/ul	268166	1,4-Dichlorobenzene-d4	8.41		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50	
2	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47	
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40	
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37	
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25	



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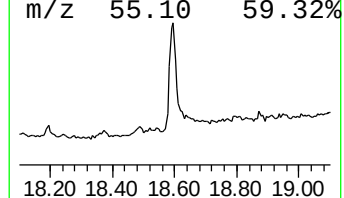
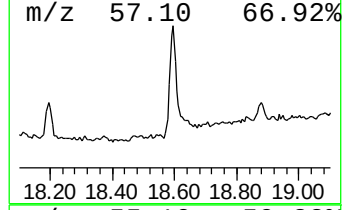
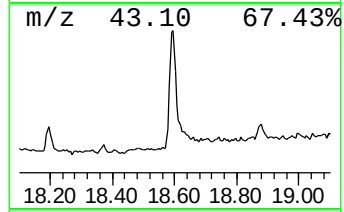
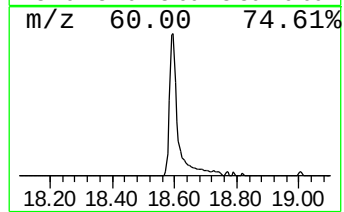
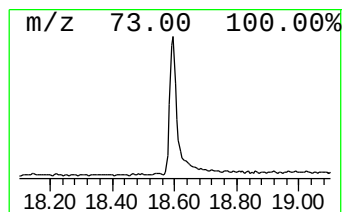
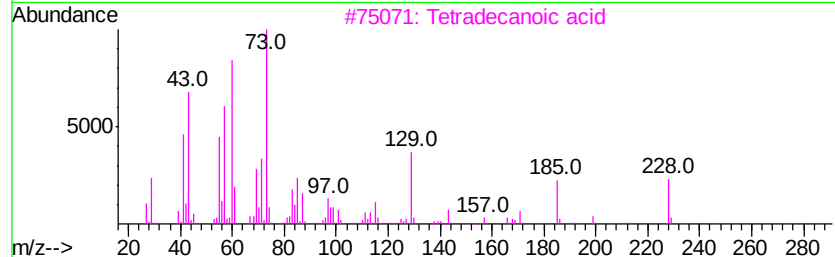
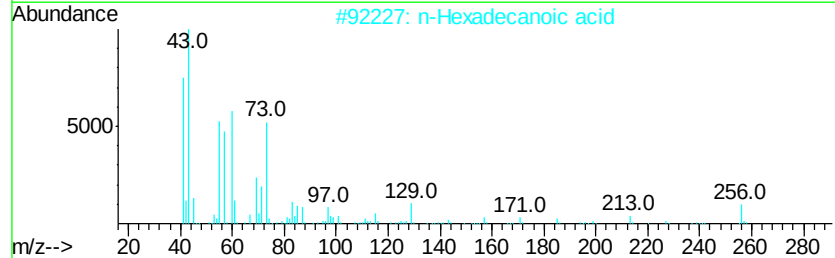
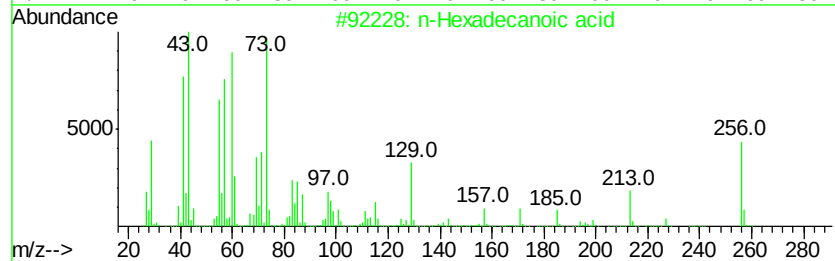
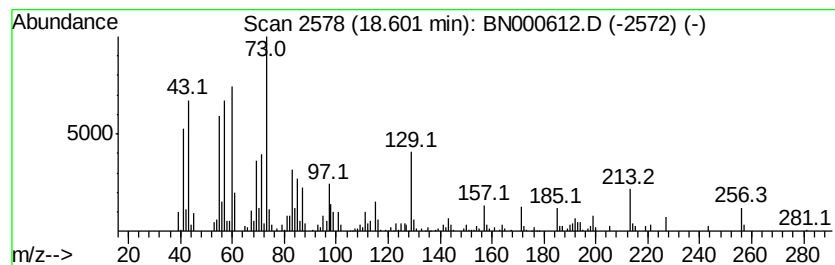
Instrument :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.60	4.51 ng/ul	437271	Phenanthrene-d10	17.76		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74	



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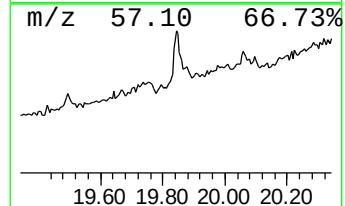
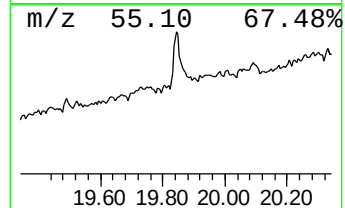
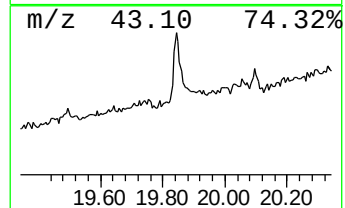
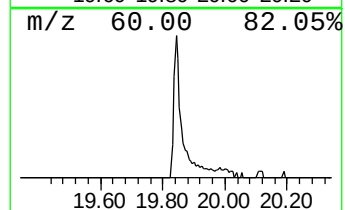
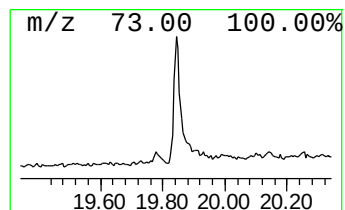
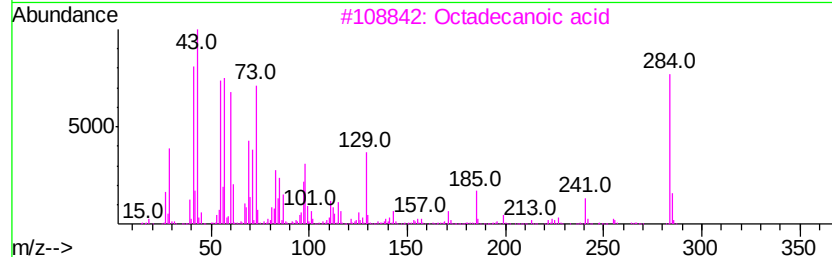
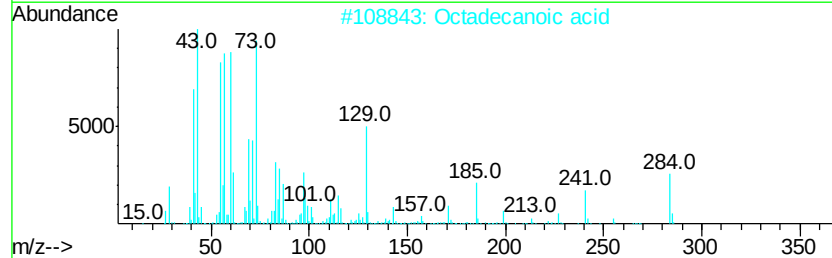
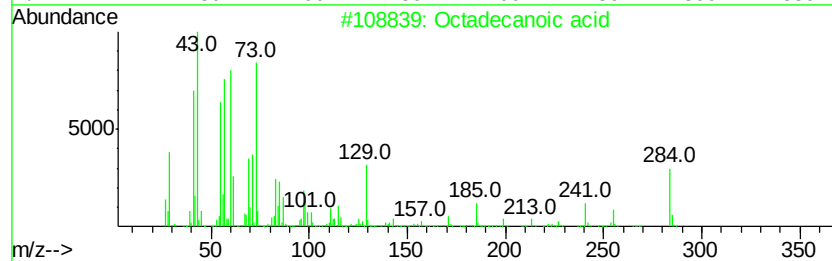
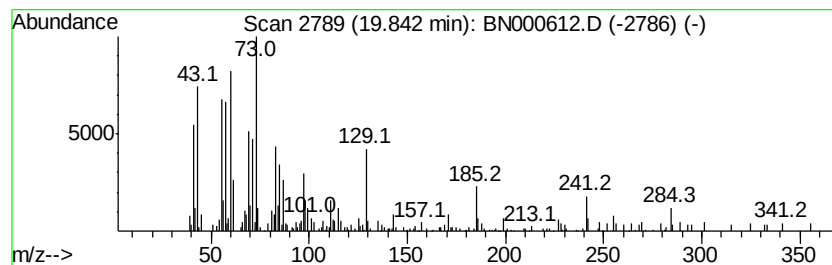
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	2.38 ng/ul	241404	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	95
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5		Octadecanoic acid	284	C18H36O2	000057-11-4	81



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ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AS2

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
2-Pentanone, 4-hy...	5.41	4.4	ng/ul	268166	1	8.41	1221600	20.0
n-Hexadecanoic acid	18.60	4.5	ng/ul	437271	4	17.76	1940850	20.0
Octadecanoic acid	19.84	2.4	ng/ul	241404	5	21.88	2026830	20.0