

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
 Data File : BN000610.D
 Acq On : 24 Mar 2018 09:44
 Operator : JU/SJ
 Sample : J1969-06
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA6

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	22	25	40	rVB	45492	93434	2.65%	0.256%
2	4.060	102	106	111	rBV3	5449	9411	0.27%	0.026%
3	4.172	119	125	131	rVB	37594	58022	1.65%	0.159%
4	4.249	133	138	139	rVV3	5720	9031	0.26%	0.025%
5	4.301	143	147	153	rVB3	6797	13737	0.39%	0.038%
6	4.413	160	166	171	rVB	21119	32424	0.92%	0.089%
7	5.013	263	268	273	rVB5	7301	11704	0.33%	0.032%
8	5.054	273	275	281	rBV5	3063	4828	0.14%	0.013%
9	5.401	326	334	342	rVB2	65237	111622	3.16%	0.306%
10	5.496	345	350	356	rBV2	14027	26507	0.75%	0.073%
11	5.766	388	396	400	rBV6	4017	9694	0.27%	0.027%
12	5.831	403	407	413	rVB2	7619	12709	0.36%	0.035%
13	5.966	425	430	441	rBV	27420	67473	1.91%	0.185%
14	6.354	488	496	501	rBV2	22999	47501	1.35%	0.130%
15	6.413	501	506	514	rVB	42490	71223	2.02%	0.195%
16	6.560	525	531	532	rBV6	3488	4927	0.14%	0.014%
17	6.848	573	580	583	rBV5	3265	6951	0.20%	0.019%
18	6.995	600	605	612	rVV4	3354	8267	0.23%	0.023%
19	7.054	612	615	620	rVB3	3171	5004	0.14%	0.014%
20	7.237	643	646	655	rVB4	6312	10445	0.30%	0.029%
21	7.360	660	667	672	rBV5	11324	23191	0.66%	0.064%
22	7.466	681	685	691	rVB2	15695	23747	0.67%	0.065%
23	7.554	691	700	714	rVB	699497	1297509	36.79%	3.560%
24	7.719	719	728	735	rBV	579180	919214	26.06%	2.522%
25	7.778	735	738	743	rVV2	6190	7335	0.21%	0.020%
26	7.937	758	765	773	rBV	739494	1196888	33.93%	3.284%
27	8.001	773	776	779	rVB	5626	6850	0.19%	0.019%
28	8.048	779	784	788	rBV	21701	30994	0.88%	0.085%
29	8.366	833	838	839	rBV3	4414	6087	0.17%	0.017%
30	8.413	839	846	853	rVV	555958	909552	25.79%	2.496%
31	8.525	861	865	871	rVB4	10202	18022	0.51%	0.049%
32	8.625	878	882	890	rVB5	6680	13057	0.37%	0.036%
33	8.790	905	910	915	rBV4	5701	9323	0.26%	0.026%
34	8.954	932	938	946	rVB4	8921	21218	0.60%	0.058%

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35	9.048	949	954	959	rBV3	16070	27278	0.77%	0.075%
36	9.119	959	966	974	rVV	764050	1285189	36.44%	3.526%
37	9.189	974	978	980	rVV4	7559	12552	0.36%	0.034%
38	9.248	983	988	997	rVB2	11185	24077	0.68%	0.066%
39	9.366	1004	1008	1013	rVB5	6682	12218	0.35%	0.034%
40	9.425	1013	1018	1024	rVB3	7593	15673	0.44%	0.043%
41	9.525	1030	1035	1039	rBV	11421	18291	0.52%	0.050%
42	9.595	1039	1047	1058	rBV	690633	1183142	33.54%	3.246%
43	9.684	1058	1062	1066	rVV5	9339	14705	0.42%	0.040%
44	9.731	1066	1070	1073	rVB4	5854	9635	0.27%	0.026%
45	9.866	1089	1093	1097	rBV4	4276	7125	0.20%	0.020%
46	9.948	1101	1107	1114	rVB	25409	39483	1.12%	0.108%
47	10.054	1121	1125	1130	rBV2	7999	10445	0.30%	0.029%
48	10.113	1130	1135	1140	rBV	17379	24229	0.69%	0.066%
49	10.325	1164	1171	1183	rBV	568244	985496	27.94%	2.704%
50	10.425	1183	1188	1191	rBV6	6214	9465	0.27%	0.026%
51	10.484	1191	1198	1201	rVV7	5058	9276	0.26%	0.025%
52	10.542	1202	1208	1211	rVB7	2810	6669	0.19%	0.018%
53	10.636	1220	1224	1229	rBV3	10231	16699	0.47%	0.046%
54	10.684	1229	1232	1237	rVB4	5879	10247	0.29%	0.028%
55	10.866	1256	1263	1271	rBV	924026	1585432	44.95%	4.350%
56	10.931	1271	1274	1279	rVB2	10363	16321	0.46%	0.045%
57	11.007	1282	1287	1293	rBV7	4777	8462	0.24%	0.023%
58	11.089	1298	1301	1307	rBV5	4055	6609	0.19%	0.018%
59	11.178	1310	1316	1320	rBV6	5600	12662	0.36%	0.035%
60	11.254	1320	1329	1335	rBV	800347	1380826	39.15%	3.789%
61	11.301	1335	1337	1343	rVB3	25707	32291	0.92%	0.089%
62	11.378	1343	1350	1360	rBV	544511	990068	28.07%	2.717%
63	11.501	1369	1371	1378	rVB5	3906	4789	0.14%	0.013%
64	11.931	1442	1444	1448	rVB5	4788	5265	0.15%	0.014%
65	11.989	1451	1454	1456	rBV3	5443	6815	0.19%	0.019%
66	12.260	1496	1500	1504	rVB7	2938	4738	0.13%	0.013%
67	12.331	1507	1512	1517	rBV5	3038	6258	0.18%	0.017%
68	12.425	1524	1528	1533	rBV5	9248	15756	0.45%	0.043%
69	12.613	1555	1560	1568	rVB6	15972	37545	1.06%	0.103%
70	12.683	1568	1572	1578	rBV2	9144	15048	0.43%	0.041%
71	12.736	1578	1581	1585	rBV5	4594	5266	0.15%	0.014%

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72	12.813	1589	1594	1602	rVV2	17008	30838	0.87%	0.085%
73	12.883	1602	1606	1613	rVB	19005	30088	0.85%	0.083%
74	12.989	1622	1624	1627	rBV2	4776	6583	0.19%	0.018%
75	13.101	1637	1643	1648	rBV4	12476	22921	0.65%	0.063%
76	13.172	1651	1655	1658	rBV5	3371	5766	0.16%	0.016%
77	13.219	1659	1663	1664	rBV2	5503	5383	0.15%	0.015%
78	13.495	1701	1710	1714	rBV10	8288	23262	0.66%	0.064%
79	13.536	1715	1717	1722	rVB3	6072	8746	0.25%	0.024%
80	13.625	1729	1732	1737	rBV4	8085	11965	0.34%	0.033%
81	13.825	1761	1766	1771	rVB	39718	54561	1.55%	0.150%
82	13.901	1771	1779	1784	rBV6	12779	29605	0.84%	0.081%
83	14.207	1827	1831	1836	rVB7	11149	20048	0.57%	0.055%
84	14.419	1859	1867	1872	rBV	1624468	2313437	65.59%	6.348%
85	14.466	1872	1875	1881	rVB	280218	378523	10.73%	1.039%
86	14.730	1914	1920	1931	rBV	1885823	2965132	84.07%	8.136%
87	14.883	1942	1946	1951	rVB	117585	142445	4.04%	0.391%
88	15.036	1965	1972	1978	rBV2	1124742	1795347	50.90%	4.926%
89	15.219	1997	2003	2013	rBV	498244	785435	22.27%	2.155%
90	15.495	2047	2050	2058	rBV3	37519	51837	1.47%	0.142%
91	15.824	2102	2106	2111	rVB	164873	204409	5.80%	0.561%
92	16.019	2132	2139	2145	rBV	2282176	3432312	97.31%	9.418%
93	16.130	2153	2158	2167	rBV	468689	670610	19.01%	1.840%
94	16.677	2247	2251	2263	rVB	150638	291848	8.27%	0.801%
95	17.466	2382	2385	2390	rBV3	93120	136817	3.88%	0.375%
96	17.760	2430	2435	2440	rBV2	1359814	1944755	55.14%	5.336%
97	17.860	2446	2452	2460	rBV	2415047	3527128	100.00%	9.678%
98	18.601	2573	2578	2586	rBV	861455	1376703	39.03%	3.777%
99	20.118	2831	2836	2841	rBV	2203282	3224968	91.43%	8.849%

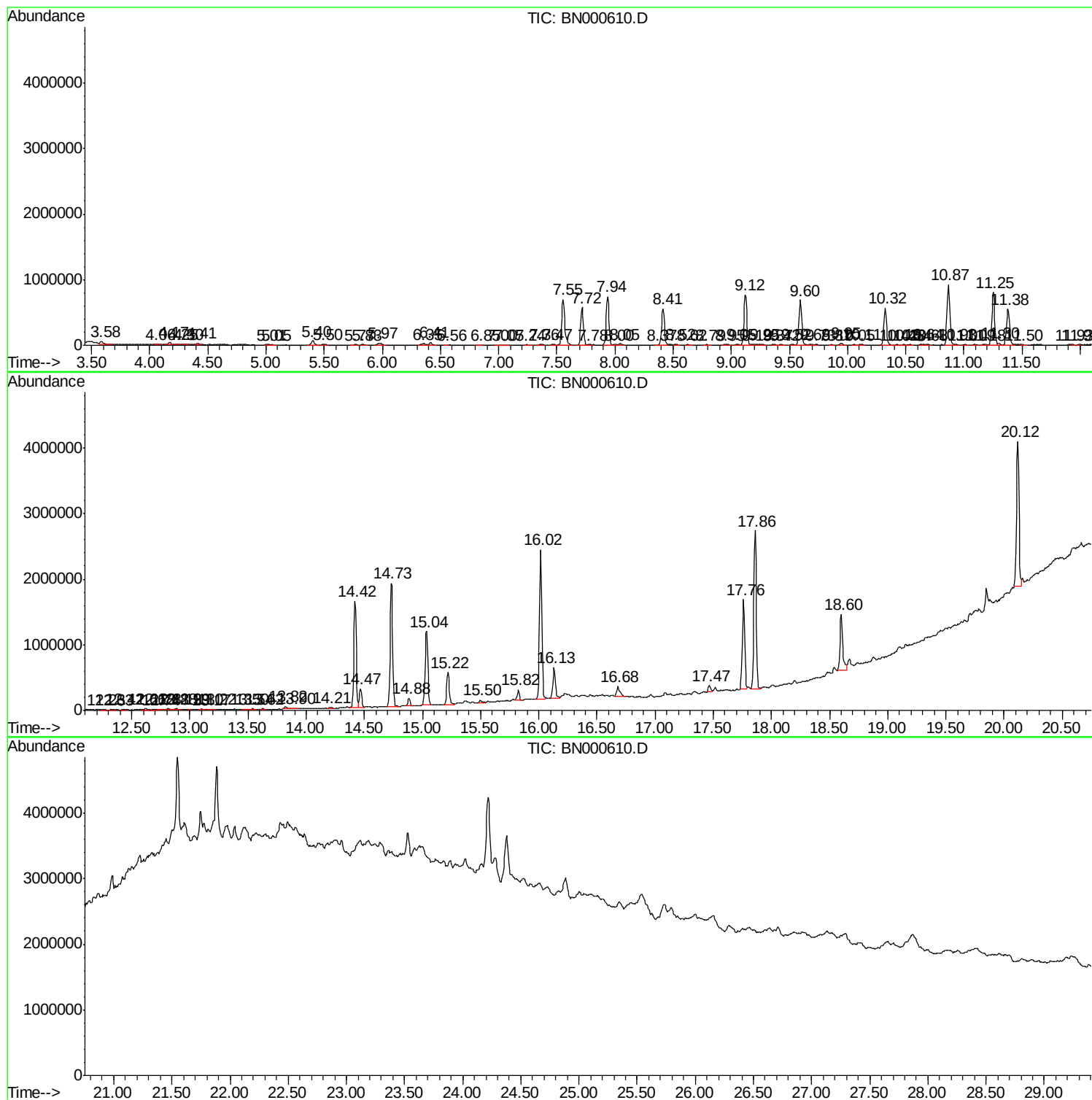
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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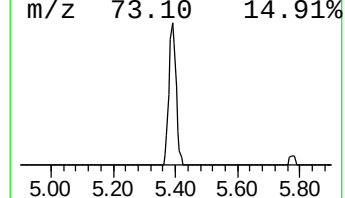
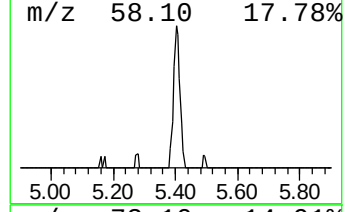
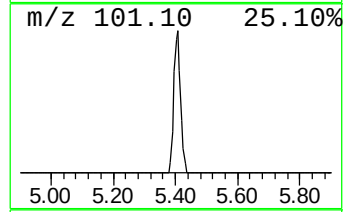
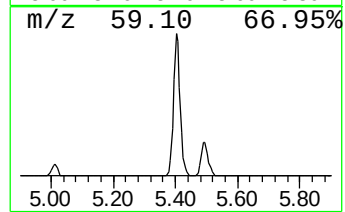
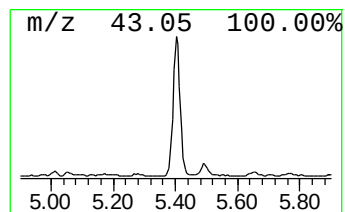
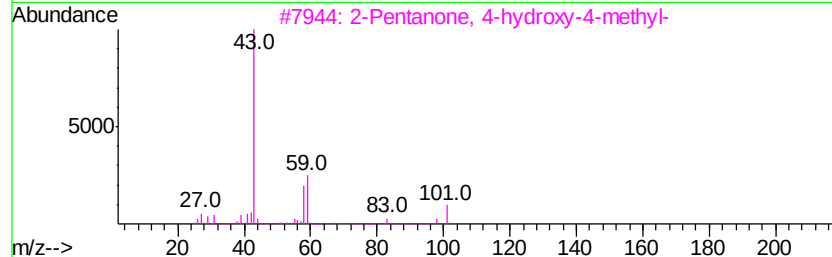
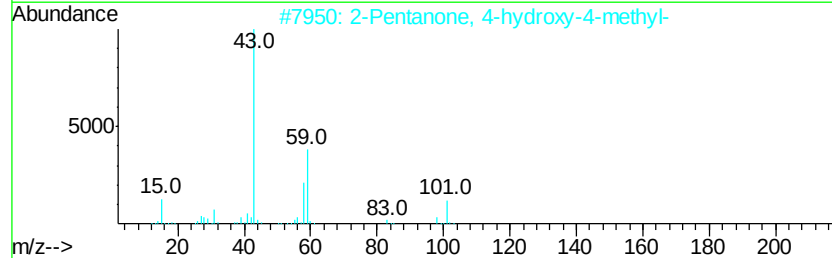
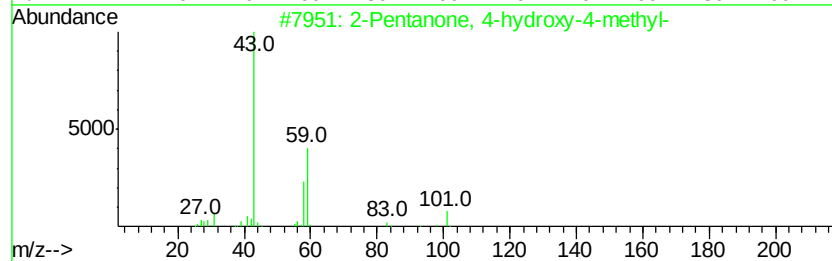
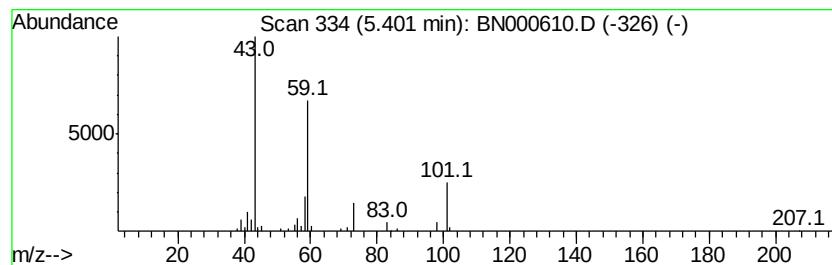
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
5.40	2.45 ng/ul	111622	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	42	
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38	
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37	
4	Dimethadione	129	C5H7NO3	000695-53-4	28	
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28	



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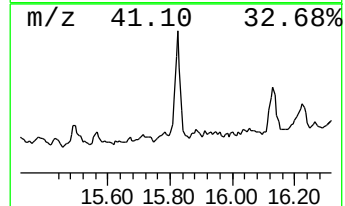
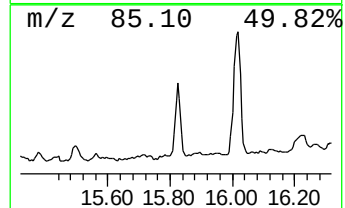
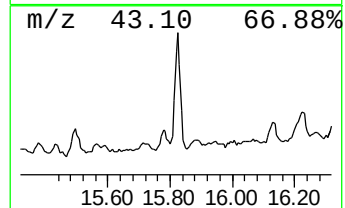
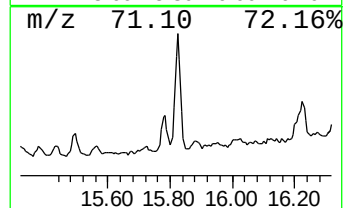
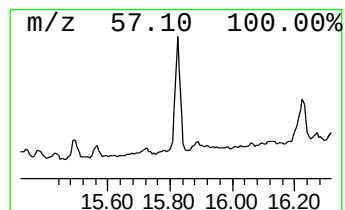
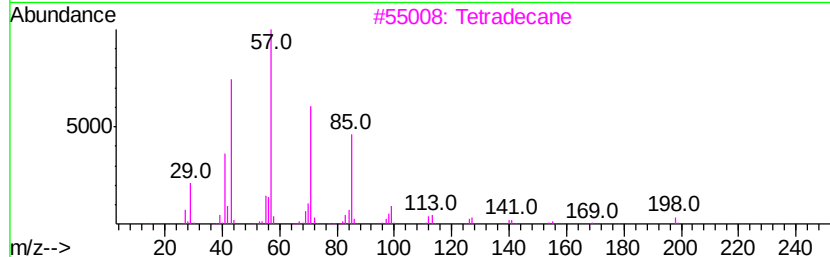
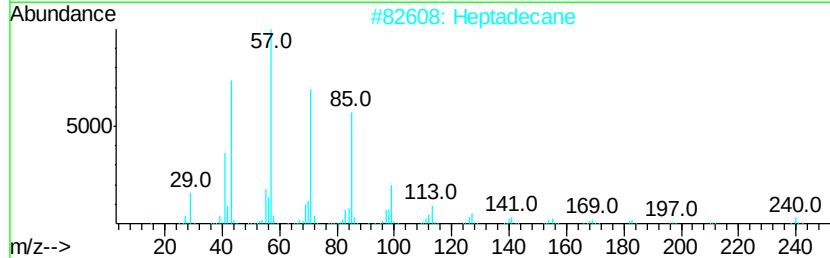
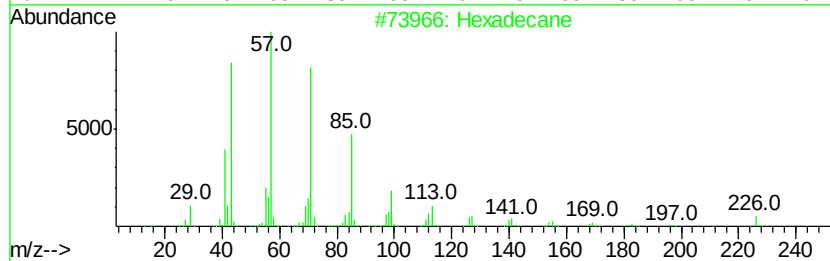
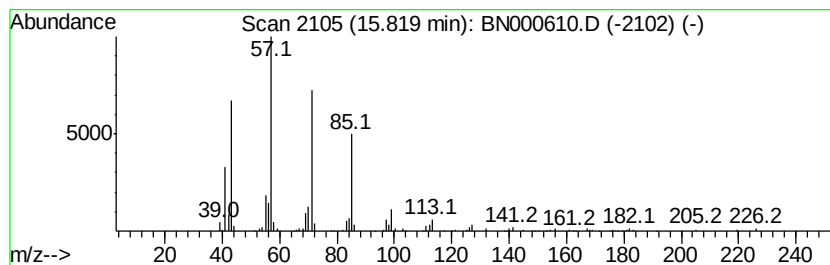
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	2.28 ng/ul	204409	Acenaphthene-d10	15.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	95
2	Heptadecane	240 C17H36	000629-78-7	91
3	Tetradecane	198 C14H30	000629-59-4	87
4	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	86
5	Eicosane	282 C20H42	000112-95-8	74



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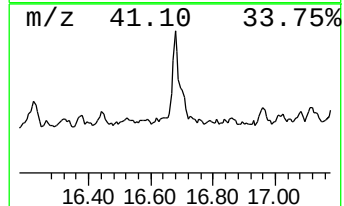
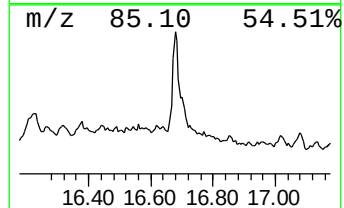
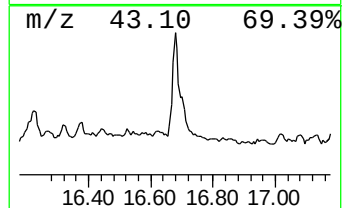
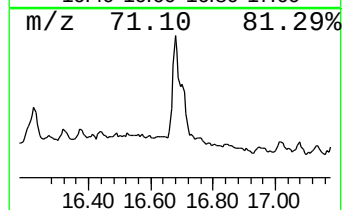
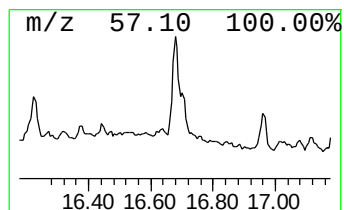
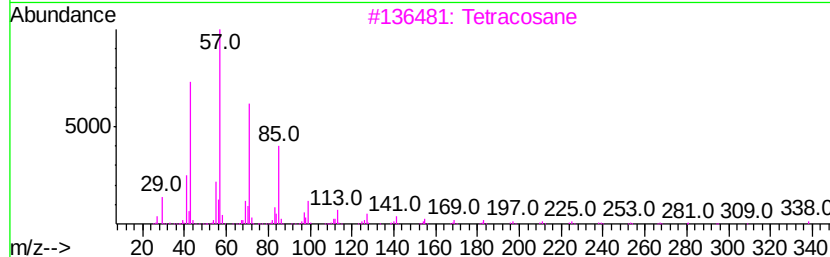
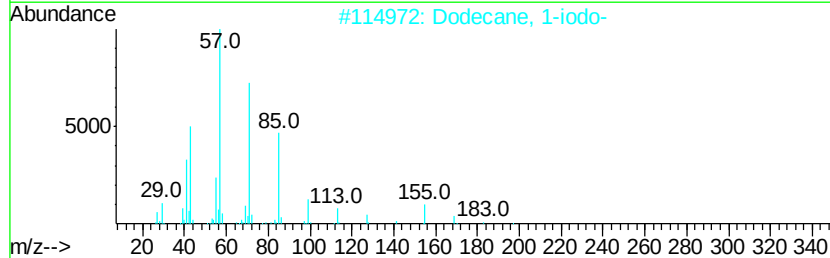
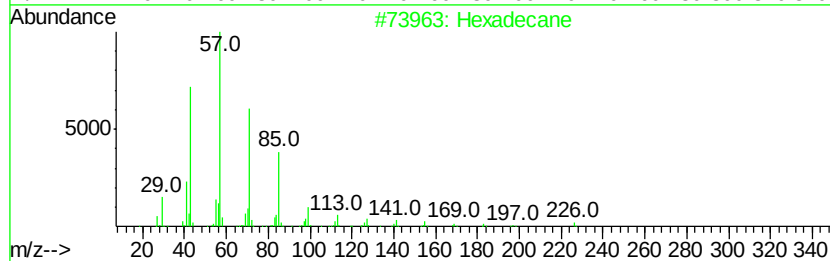
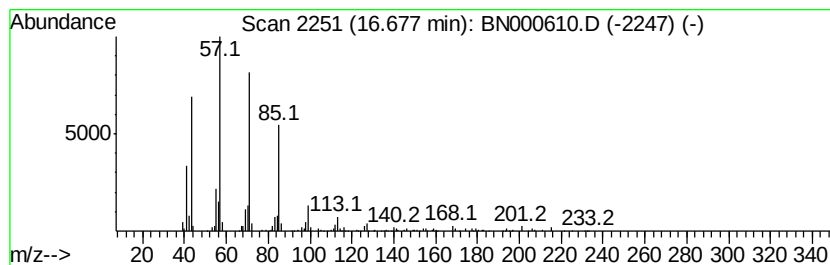
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.68	3.00 ng/ul	291848	Phenanthrene-d10	17.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
3	Tetracosane	338	C24H50	000646-31-1	86
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78



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ClientSampleId :
C0AA6

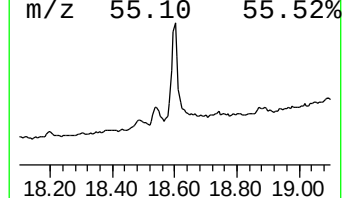
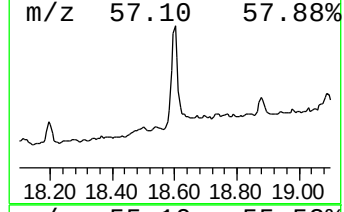
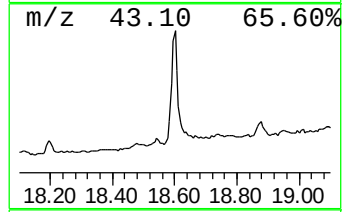
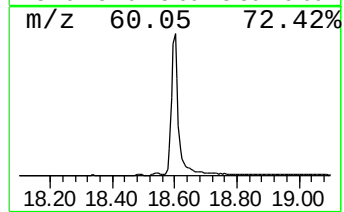
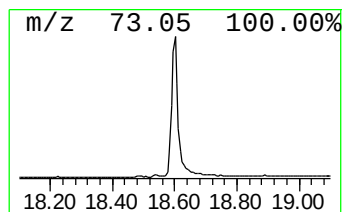
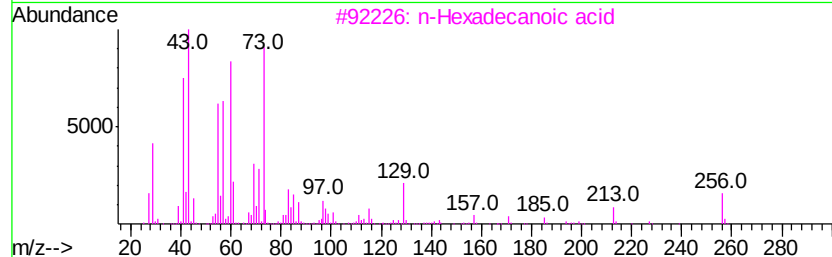
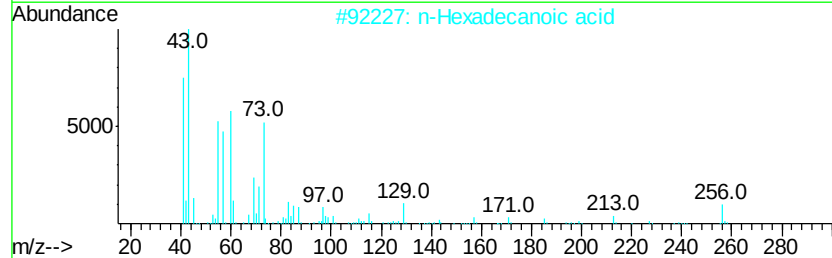
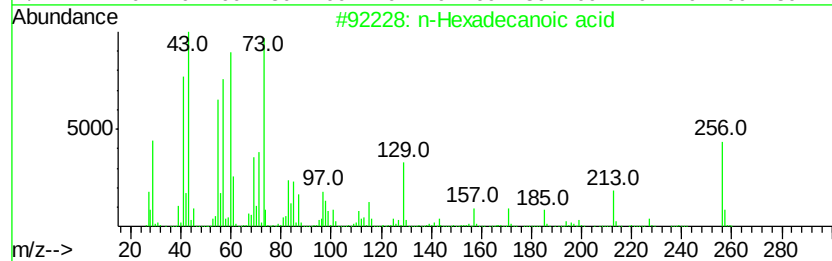
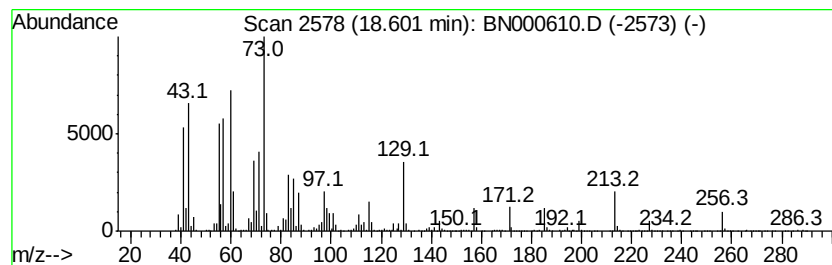
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Quant Title : SVOA CALIBRATION

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	14.16 ng/ul	1376700	Phenanthrene-d10	17.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68	



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032318\
Data File : BN000610.D
Acq On : 24 Mar 2018 09:44
Operator : JU/SJ
Sample : J1969-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA6

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...	5.40	2.5	ng/ul	111622	1	8.41	909552	20.0
(DEL) Alkane: Str...	15.82	2.3	ng/ul	204409	3	15.03	1795350	20.0
(DEL) Alkane: Str...	16.68	3.0	ng/ul	291848	4	17.76	1944760	20.0
n-Hexadecanoic acid	18.60	14.2	ng/ul	1376700	4	17.76	1944760	20.0