

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
 Data File : BG049291.D
 Acq On : 11 Jul 2021 8:46
 Operator : CG/JU
 Sample : M2910-01
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AW2

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Title : SVOA CALIBRATION

Signal : TIC: BG049291.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.114	8	13	22	rBV2	102203	197794	17.12%	1.520%
2	3.191	22	26	37	rVB2	47487	80038	6.93%	0.615%
3	3.432	63	67	69	rBV4	7698	10207	0.88%	0.078%
4	3.890	142	145	152	rBV2	26372	48782	4.22%	0.375%
5	4.225	197	202	208	rVB5	6202	10248	0.89%	0.079%
6	4.513	248	251	253	rBV3	1793	2100	0.18%	0.016%
7	4.636	271	272	275	rBV2	2191	1832	0.16%	0.014%
8	4.683	277	280	283	rBV4	1863	2611	0.23%	0.020%
9	4.771	292	295	297	rBV2	2114	2128	0.18%	0.016%
10	5.036	337	340	342	rBV3	1696	2315	0.20%	0.018%
11	5.488	414	417	420	rVB3	1652	1929	0.17%	0.015%
12	6.134	524	527	530	rVB3	2411	2782	0.24%	0.021%
13	6.499	586	589	593	rBV2	1116	1894	0.16%	0.015%
14	7.057	681	684	688	rVB3	1743	2070	0.18%	0.016%
15	7.227	707	713	722	rBV	40597	76700	6.64%	0.589%
16	7.392	734	741	749	rBV	100156	175697	15.21%	1.350%
17	7.603	765	777	787	rBV	133045	245743	21.27%	1.889%
18	8.073	847	857	864	rBV	133212	230581	19.96%	1.772%
19	8.126	864	866	871	rVB3	4374	5650	0.49%	0.043%
20	8.197	876	878	882	rVB2	2244	2625	0.23%	0.020%
21	8.302	890	896	900	rBV6	4390	7938	0.69%	0.061%
22	8.549	933	938	940	rBV3	2296	2716	0.24%	0.021%
23	8.608	945	948	951	rBV3	2411	2962	0.26%	0.023%
24	8.778	970	977	985	rVB2	116370	209145	18.11%	1.607%
25	8.996	1011	1014	1018	rBV2	1339	1814	0.16%	0.014%
26	9.237	1048	1055	1066	rVB	163200	301045	26.06%	2.314%
27	9.513	1100	1102	1106	rVB	2036	1942	0.17%	0.015%
28	9.648	1122	1125	1129	rBV	2277	2922	0.25%	0.022%
29	9.883	1159	1165	1167	rBV4	2546	4290	0.37%	0.033%
30	9.965	1172	1179	1187	rVV	149218	271082	23.47%	2.083%
31	10.288	1231	1234	1236	rBV2	1596	1997	0.17%	0.015%
32	10.306	1236	1237	1242	rVB	2804	2164	0.19%	0.017%
33	10.512	1265	1272	1280	rBV	216998	398734	34.52%	3.064%
34	10.600	1285	1287	1290	rVB	1698	1869	0.16%	0.014%
35	10.653	1290	1296	1305	rBV2	11162	21460	1.86%	0.165%
36	10.835	1323	1327	1328	rBV3	1966	1927	0.17%	0.015%

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
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37	10.893	1330	1337	1343	rVV	171691	318220	27.55%	2.446%
38	10.946	1343	1346	1350	rVB3	3922	5502	0.48%	0.042%
39	11.023	1351	1359	1369	rVV	187803	354669	30.70%	2.726%
40	11.305	1403	1407	1410	rVB2	1267	1987	0.17%	0.015%
41	11.358	1413	1416	1421	rVB3	2327	3504	0.30%	0.027%
42	11.416	1424	1426	1429	rVB4	3063	2575	0.22%	0.020%
43	11.469	1432	1435	1437	rBV2	1451	1807	0.16%	0.014%
44	12.004	1525	1526	1530	rVB2	1869	1945	0.17%	0.015%
45	12.374	1587	1589	1594	rVB3	1954	2190	0.19%	0.017%
46	12.450	1597	1602	1603	rVV3	3703	5118	0.44%	0.039%
47	12.474	1604	1606	1611	rVB3	4203	5015	0.43%	0.039%
48	12.586	1622	1625	1628	rBV3	2905	5052	0.44%	0.039%
49	12.691	1639	1643	1646	rBV3	1525	2010	0.17%	0.015%
50	12.750	1650	1653	1655	rBV4	3139	3375	0.29%	0.026%
51	12.885	1673	1676	1679	rBV3	8802	11102	0.96%	0.085%
52	12.920	1679	1682	1687	rVB3	12098	15700	1.36%	0.121%
53	12.979	1687	1692	1693	rBV2	2185	2847	0.25%	0.022%
54	13.150	1716	1721	1726	rBV4	7325	10928	0.95%	0.084%
55	13.226	1726	1734	1740	rVV4	25865	48132	4.17%	0.370%
56	13.314	1744	1749	1751	rBV5	3391	3942	0.34%	0.030%
57	13.361	1753	1757	1762	rBV3	8054	13334	1.15%	0.102%
58	13.526	1781	1785	1786	rBV3	3346	3264	0.28%	0.025%
59	13.543	1786	1788	1789	rVV2	4506	2598	0.22%	0.020%
60	13.602	1797	1798	1802	rVB3	2217	2372	0.21%	0.018%
61	13.696	1812	1814	1815	rBV2	2381	1818	0.16%	0.014%
62	13.731	1815	1820	1826	rVB5	8076	16288	1.41%	0.125%
63	13.966	1857	1860	1863	rBV3	2518	2523	0.22%	0.019%
64	14.054	1872	1875	1876	rBV	2226	2286	0.20%	0.018%
65	14.113	1879	1885	1891	rBV	434666	653378	56.56%	5.021%
66	14.160	1891	1893	1896	rVB3	2229	2394	0.21%	0.018%
67	14.348	1921	1925	1927	rBV5	2876	3281	0.28%	0.025%
68	14.413	1929	1936	1942	rBV	444569	692558	59.95%	5.323%
69	14.489	1947	1949	1952	rVB3	1952	1826	0.16%	0.014%
70	14.601	1966	1968	1972	rBV4	4290	5813	0.50%	0.045%
71	14.671	1978	1980	1981	rBV2	2118	1860	0.16%	0.014%
72	14.718	1981	1988	1994	rVB	298395	461994	39.99%	3.551%
73	14.865	2010	2013	2014	rBV3	2728	2041	0.18%	0.016%
74	14.912	2016	2021	2029	rVB2	42593	74502	6.45%	0.573%
75	15.024	2037	2040	2041	rBV2	2647	2053	0.18%	0.016%
76	15.259	2075	2080	2083	rVV3	26933	44068	3.81%	0.339%

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 Stop Thrs : 0 Peak Location: TOP

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77	15.300	2083	2087	2091	rVV	88855	154690	13.39%	1.189%
78	15.341	2091	2094	2099	rVB2	52050	81597	7.06%	0.627%
79	15.435	2107	2110	2117	rVB4	9777	15440	1.34%	0.119%
80	15.711	2149	2157	2164	rBV	572787	874797	75.73%	6.723%
81	15.823	2170	2176	2187	rBV2	175550	307127	26.59%	2.360%
82	15.946	2194	2197	2201	rBV6	5125	7709	0.67%	0.059%
83	16.064	2215	2217	2218	rBV2	3562	2598	0.22%	0.020%
84	16.111	2223	2225	2229	rVB5	4449	5816	0.50%	0.045%
85	16.346	2264	2265	2267	rBV2	4133	2746	0.24%	0.021%
86	16.446	2280	2282	2283	rVB2	4234	1977	0.17%	0.015%
87	16.575	2303	2304	2305	rBV	4623	2599	0.22%	0.020%
88	16.845	2346	2350	2359	rVB4	15555	34080	2.95%	0.262%
89	16.916	2359	2362	2364	rBV4	8059	9684	0.84%	0.074%
90	16.992	2373	2375	2380	rVB6	6382	8457	0.73%	0.065%
91	17.116	2390	2396	2405	rBV	607807	971582	84.11%	7.467%
92	17.468	2450	2456	2463	rVB	374796	587656	50.87%	4.516%
93	17.568	2463	2473	2482	rBV	665986	1030031	89.17%	7.916%
94	18.344	2601	2605	2611	rBV2	51146	69876	6.05%	0.537%
95	19.548	2807	2810	2813	rVB	36959	40734	3.53%	0.313%
96	19.613	2818	2821	2827	rBV5	31880	46042	3.99%	0.354%
97	19.854	2856	2862	2871	rVB	794664	1155144	100.00%	8.878%
98	21.751	3178	3185	3194	rVB	373839	644031	55.75%	4.950%
99	24.818	3698	3707	3719	rVB2	400678	1146597	99.26%	8.812%
100	25.042	3737	3745	3760	rVB2	216954	677048	58.61%	5.203%

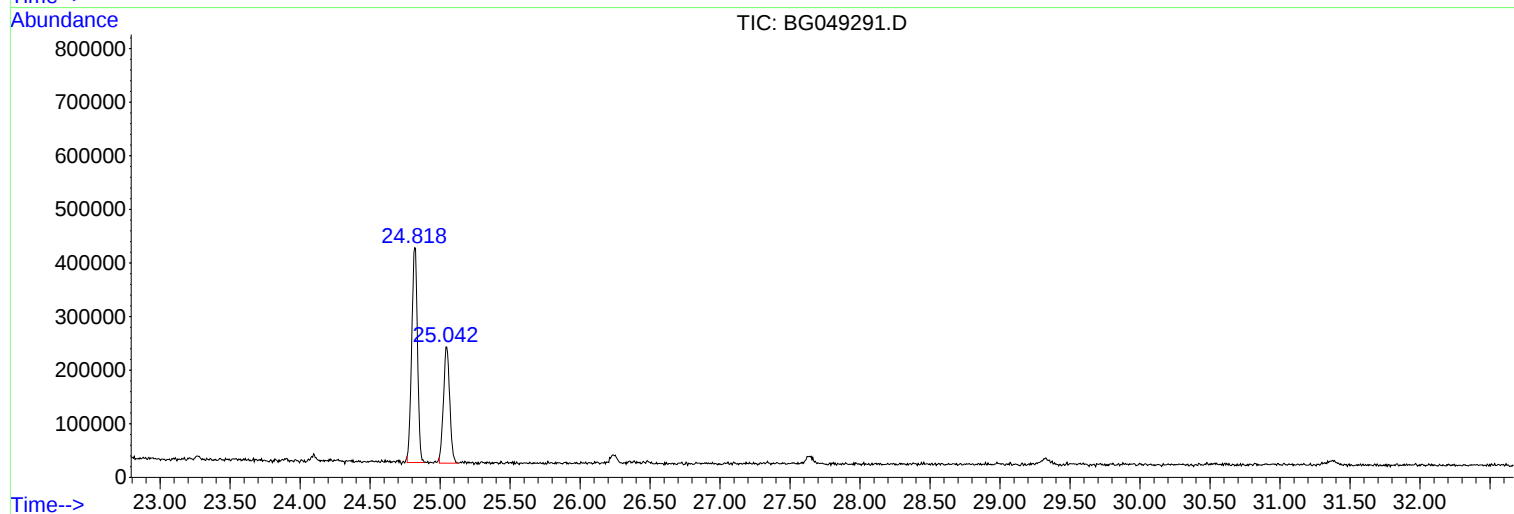
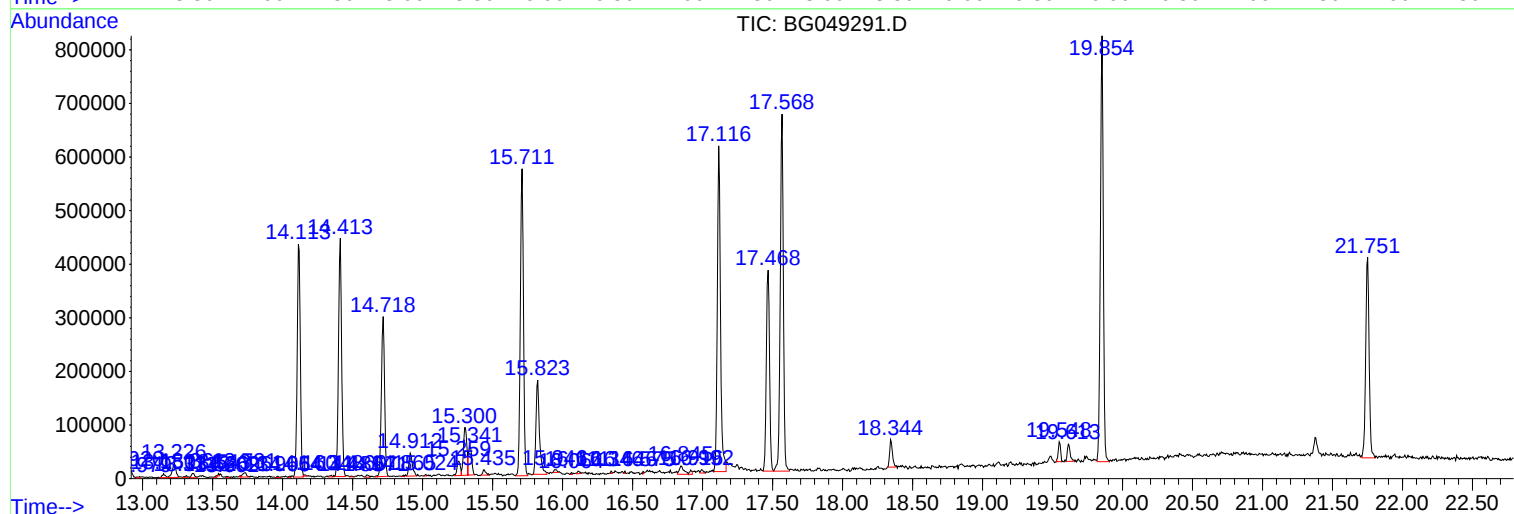
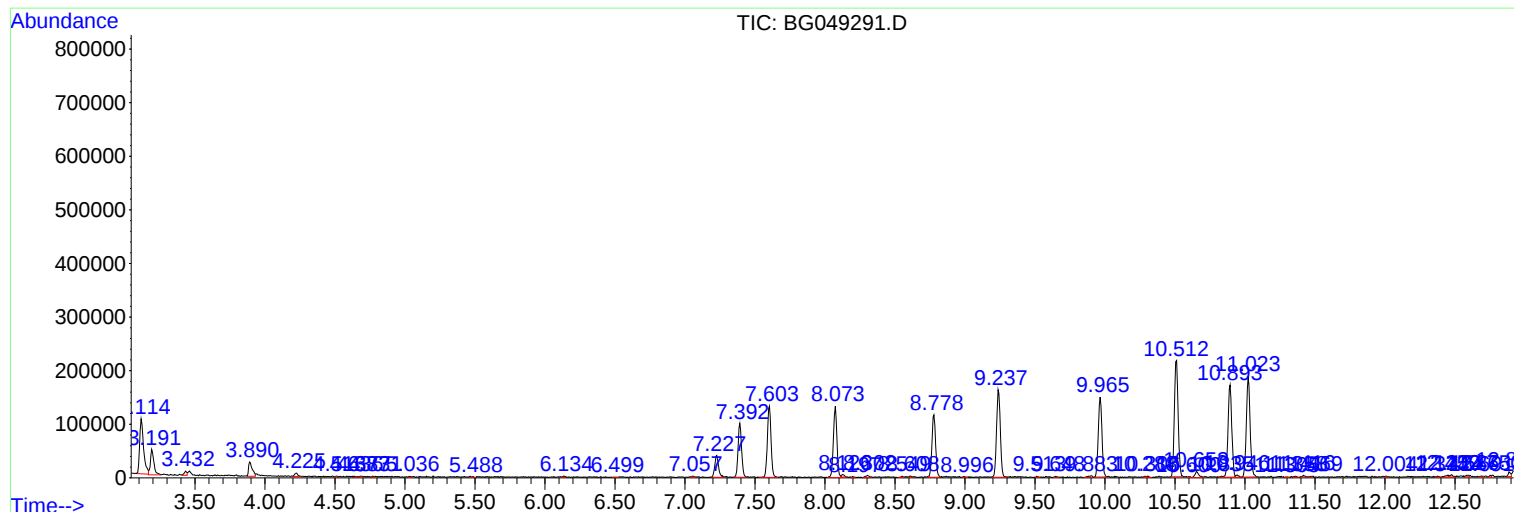
Sum of corrected areas: 13011662

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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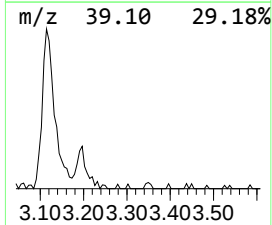
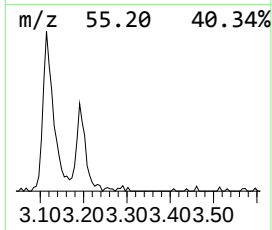
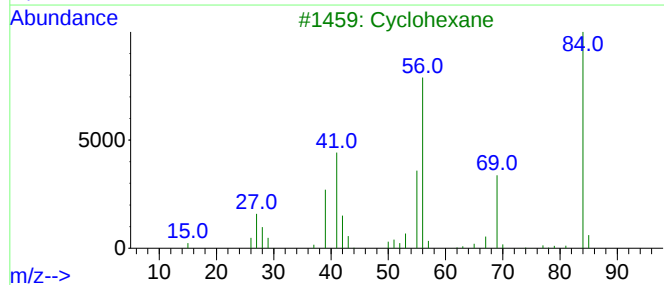
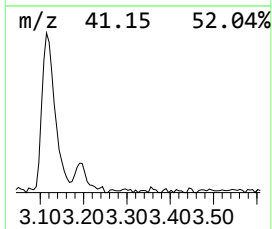
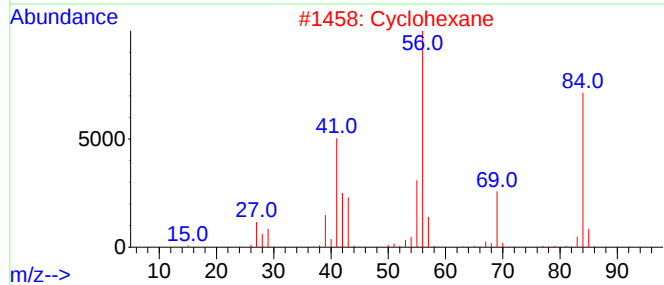
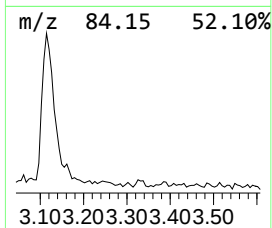
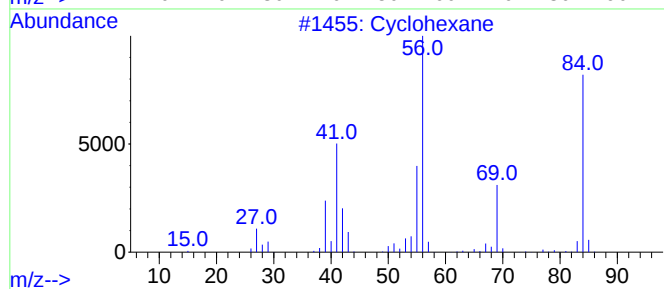
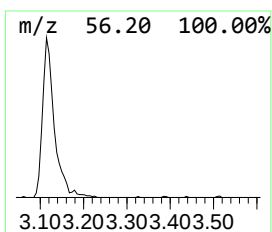
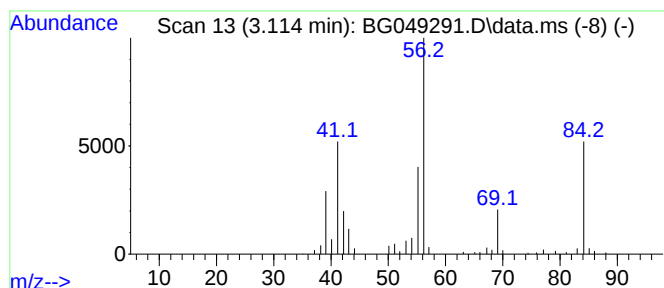
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic3.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.110	17.16 ng/ul	197794	1,4-Dichlorobenzene-d4	8.073

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane	84	C6H12	000110-82-7	91
2			Cyclohexane	84	C6H12	000110-82-7	86
3			Cyclohexane	84	C6H12	000110-82-7	86
4			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
5			Cyclohexane	84	C6H12	000110-82-7	64



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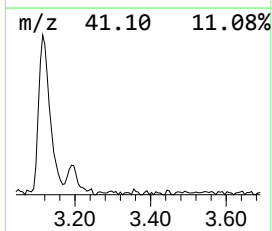
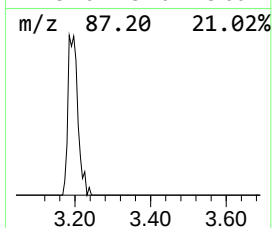
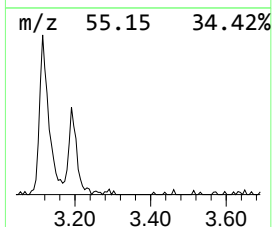
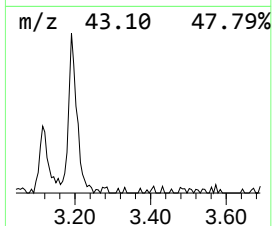
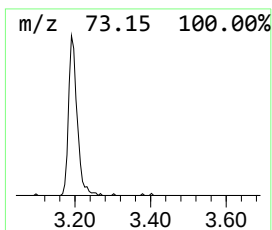
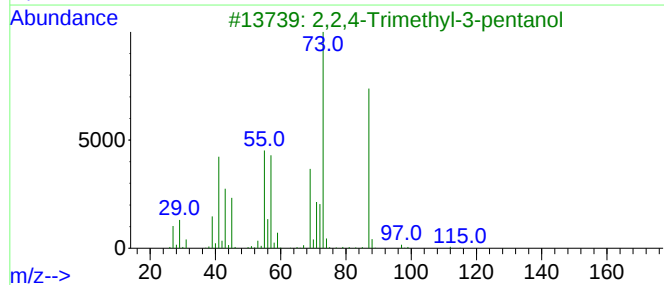
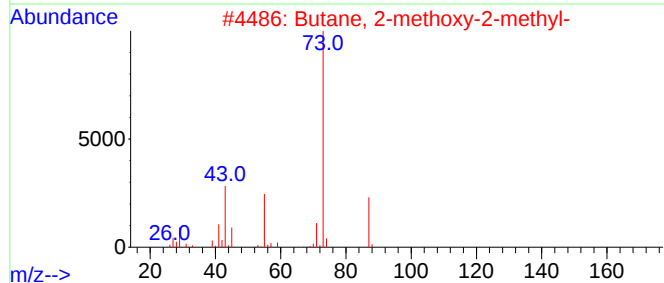
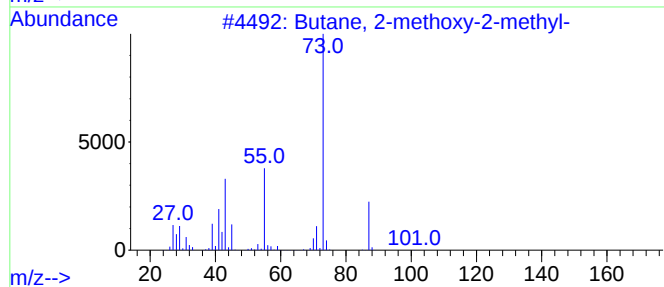
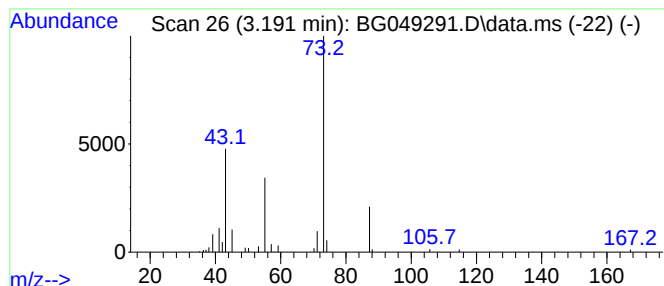
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.190	6.94 ng/ul	80038	1,4-Dichlorobenzene-d4	8.073

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
5			2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	17



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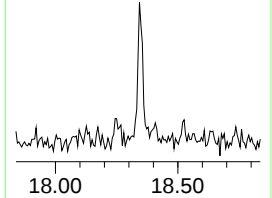
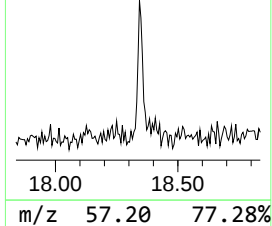
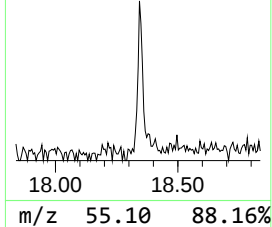
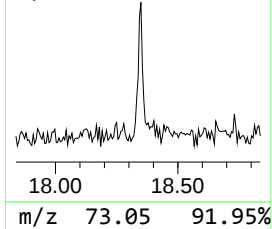
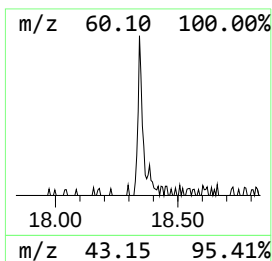
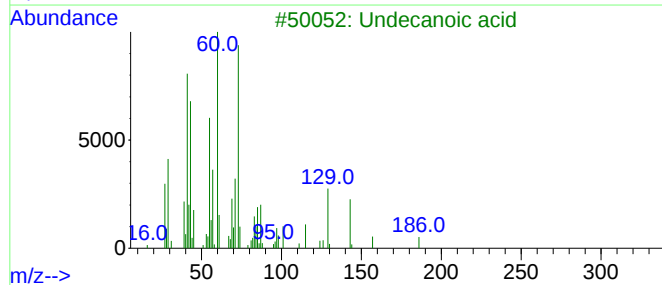
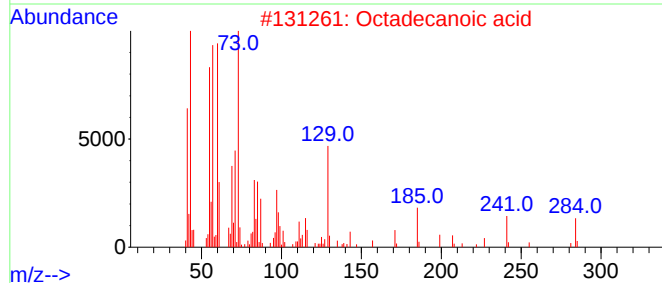
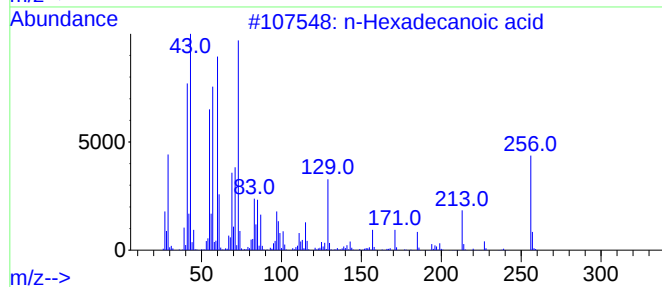
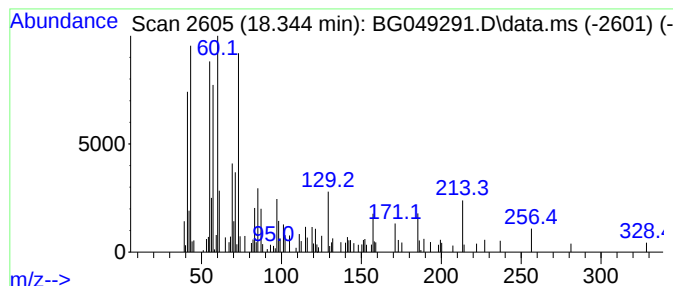
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.340	2.38 ng/ul	69876	Phenanthrene-d10	17.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2			Octadecanoic acid	284	C18H36O2	000057-11-4	83
3			Undecanoic acid	186	C11H22O2	000112-37-8	70
4			Dodecanoic acid	200	C12H24O2	000143-07-7	70
5			Undecanoic acid	186	C11H22O2	000112-37-8	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049291.D
Acq On : 11 Jul 2021 8:46
Operator : CG/JU
Sample : M2910-01
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: C...	3.110	17.2	ng/ul	197794	1	8.073	230581	20.0
Butane, 2-metho...	3.190	6.9	ng/ul	80038	1	8.073	230581	20.0
n-Hexadecanoic ...	18.340	2.4	ng/ul	69876	4	17.468	587656	20.0