

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042098.D
 Acq On : 9 Aug 2019 12:05
 Operator : HP/JU
 Sample : K4147-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COANO

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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	3.147	5	10	33	rVB	1286691	2050883	100.00%	9.199%
2	3.411	52	55	62	rVB2	10137	15901	0.78%	0.071%
3	4.081	162	169	173	rBV4	10184	18305	0.89%	0.082%
4	4.175	180	185	189	rVB4	4240	6538	0.32%	0.029%
5	7.183	689	697	713	rBV	201361	383870	18.72%	1.722%
6	7.348	718	725	734	rBV	145778	257287	12.55%	1.154%
7	7.559	752	761	771	rBV	225324	396437	19.33%	1.778%
8	7.653	774	777	786	rVB5	3671	7583	0.37%	0.034%
9	8.029	833	841	850	rBV	233403	402621	19.63%	1.806%
10	8.740	955	962	977	rVV	264490	495776	24.17%	2.224%
11	9.193	1031	1039	1048	rVV	201169	359817	17.54%	1.614%
12	9.269	1050	1052	1059	rVB5	3982	6156	0.30%	0.028%
13	9.921	1155	1163	1171	rBV	178364	333661	16.27%	1.497%
14	10.286	1221	1225	1229	rVV6	4033	7160	0.35%	0.032%
15	10.327	1229	1232	1236	rVV	4987	6079	0.30%	0.027%
16	10.474	1247	1257	1268	rBV	302217	563742	27.49%	2.529%
17	10.850	1314	1321	1328	rBV	319625	606165	29.56%	2.719%
18	10.979	1335	1343	1359	rBV	199104	411697	20.07%	1.847%
19	11.096	1359	1363	1368	rVV4	4642	10968	0.53%	0.049%
20	11.226	1380	1385	1388	rBV4	5876	10144	0.49%	0.045%
21	11.267	1388	1392	1399	rVB3	10088	17934	0.87%	0.080%
22	11.390	1408	1413	1419	rBV3	2596	5288	0.26%	0.024%
23	11.690	1457	1464	1471	rBV5	7851	17415	0.85%	0.078%
24	11.925	1500	1504	1508	rVV5	4541	8944	0.44%	0.040%
25	12.025	1518	1521	1524	rVV2	3867	6000	0.29%	0.027%
26	12.277	1558	1564	1570	rVB2	9663	17872	0.87%	0.080%
27	12.436	1579	1591	1598	rVB6	7649	19459	0.95%	0.087%
28	12.512	1598	1604	1609	rBV	11871	21295	1.04%	0.096%
29	12.565	1609	1613	1619	rVB4	9441	14278	0.70%	0.064%
30	12.730	1638	1641	1648	rVB2	10896	18084	0.88%	0.081%
31	12.841	1653	1660	1663	rBV4	6768	12952	0.63%	0.058%
32	12.882	1663	1667	1671	rVV3	5197	10057	0.49%	0.045%
33	12.941	1671	1677	1683	rVB6	4549	10171	0.50%	0.046%
34	13.100	1700	1704	1707	rBV4	3563	5901	0.29%	0.026%

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Integration Parameters: LSCINT.P

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35	13.176	1714	1717	1724	rBV5	4027	8359	0.41%	0.037%
36	13.288	1734	1736	1746	rVB8	5845	12618	0.62%	0.057%
37	13.423	1755	1759	1764	rVB5	9032	13326	0.65%	0.060%
38	13.482	1764	1769	1771	rBV5	5184	9552	0.47%	0.043%
39	13.511	1771	1774	1779	rVB2	18214	27028	1.32%	0.121%
40	13.564	1779	1783	1791	rBV8	5401	13123	0.64%	0.059%
41	13.652	1793	1798	1802	rBV5	6169	12749	0.62%	0.057%
42	13.746	1807	1814	1819	rVB10	6480	14934	0.73%	0.067%
43	13.852	1827	1832	1843	rVB8	13622	34963	1.70%	0.157%
44	14.011	1851	1859	1861	rBV3	16409	30455	1.48%	0.137%
45	14.087	1866	1872	1876	rVV	587030	854475	41.66%	3.833%
46	14.134	1876	1880	1886	rVV	156929	222478	10.85%	0.998%
47	14.181	1886	1888	1892	rVB5	9751	11183	0.55%	0.050%
48	14.246	1892	1899	1901	rBV6	9982	16144	0.79%	0.072%
49	14.322	1908	1912	1914	rBV5	3960	5473	0.27%	0.025%
50	14.381	1914	1922	1931	rVB	660534	1053562	51.37%	4.725%
51	14.504	1938	1943	1948	rBV7	9385	18958	0.92%	0.085%
52	14.586	1951	1957	1966	rVB6	22136	43505	2.12%	0.195%
53	14.686	1966	1974	1982	rBV2	560974	904431	44.10%	4.057%
54	14.833	1994	1999	2003	rBV	27752	48655	2.37%	0.218%
55	14.886	2003	2008	2019	rVB	159551	304388	14.84%	1.365%
56	14.986	2020	2025	2028	rVB7	4565	8018	0.39%	0.036%
57	15.092	2038	2043	2051	rVB7	27867	61318	2.99%	0.275%
58	15.162	2051	2055	2061	rVB5	13952	21782	1.06%	0.098%
59	15.233	2061	2067	2072	rVB9	6933	16530	0.81%	0.074%
60	15.309	2075	2080	2084	rVB6	11172	18255	0.89%	0.082%
61	15.362	2084	2089	2094	rBV8	12616	29233	1.43%	0.131%
62	15.468	2101	2107	2112	rVB8	17506	35124	1.71%	0.158%
63	15.532	2112	2118	2122	rBV5	23054	33083	1.61%	0.148%
64	15.568	2122	2124	2128	rVB5	10850	9955	0.49%	0.045%
65	15.632	2130	2135	2138	rBV	46611	69539	3.39%	0.312%
66	15.679	2138	2143	2149	rVV	843438	1284225	62.62%	5.760%
67	15.732	2149	2152	2157	rVB3	20885	31281	1.53%	0.140%
68	15.797	2157	2163	2172	rBV	232083	377672	18.42%	1.694%
69	15.885	2176	2178	2180	rBV3	6064	6707	0.33%	0.030%
70	16.114	2213	2217	2221	rBV6	12229	23523	1.15%	0.106%
71	16.372	2252	2261	2263	rBV6	21441	62807	3.06%	0.282%

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72	16.402	2263	2266	2272	rVV3	30948	49038	2.39%	0.220%
73	16.467	2273	2277	2281	rVB6	14716	21959	1.07%	0.098%
74	16.555	2288	2292	2300	rVB9	12484	20567	1.00%	0.092%
75	16.625	2300	2304	2308	rVB6	21461	31126	1.52%	0.140%
76	16.725	2317	2321	2329	rVB8	29129	67067	3.27%	0.301%
77	16.790	2329	2332	2336	rBV3	20479	28969	1.41%	0.130%
78	16.890	2347	2349	2355	rBV5	7942	13605	0.66%	0.061%
79	16.978	2361	2364	2368	rBV4	16749	24751	1.21%	0.111%
80	17.172	2391	2397	2399	rBV6	20194	38436	1.87%	0.172%
81	17.195	2399	2401	2404	rVB2	19992	21993	1.07%	0.099%
82	17.289	2413	2417	2422	rVB	28973	41030	2.00%	0.184%
83	17.442	2437	2443	2448	rBV2	664010	1043267	50.87%	4.679%
84	17.542	2453	2460	2469	rVB	936238	1423738	69.42%	6.386%
85	17.630	2471	2475	2481	rVB9	22643	44573	2.17%	0.200%
86	17.894	2515	2520	2523	rVB6	16110	25593	1.25%	0.115%
87	17.935	2523	2527	2534	rBV2	39639	60266	2.94%	0.270%
88	18.335	2589	2595	2598	rBV2	84139	133908	6.53%	0.601%
89	18.511	2621	2625	2628	rBV6	16596	29018	1.41%	0.130%
90	18.629	2642	2645	2649	rBV	37290	43189	2.11%	0.194%
91	19.228	2744	2747	2749	rBV4	25524	34252	1.67%	0.154%
92	19.257	2749	2752	2757	rVB	57557	66314	3.23%	0.297%
93	19.827	2842	2849	2860	rVB	1223438	1889811	92.15%	8.476%
94	20.362	2938	2940	2944	rVB	48561	48433	2.36%	0.217%
95	20.838	3018	3021	3024	rBV	85928	111157	5.42%	0.499%
96	21.367	3106	3111	3119	rBV2	253658	393267	19.18%	1.764%
97	21.725	3166	3172	3180	rBV	700510	1142127	55.69%	5.123%
98	22.565	3309	3315	3321	rBV5	85615	214170	10.44%	0.961%
99	24.769	3681	3690	3702	rVB	648852	1761727	85.90%	7.902%
100	24.998	3720	3729	3739	rBV2	435047	1186180	57.84%	5.320%

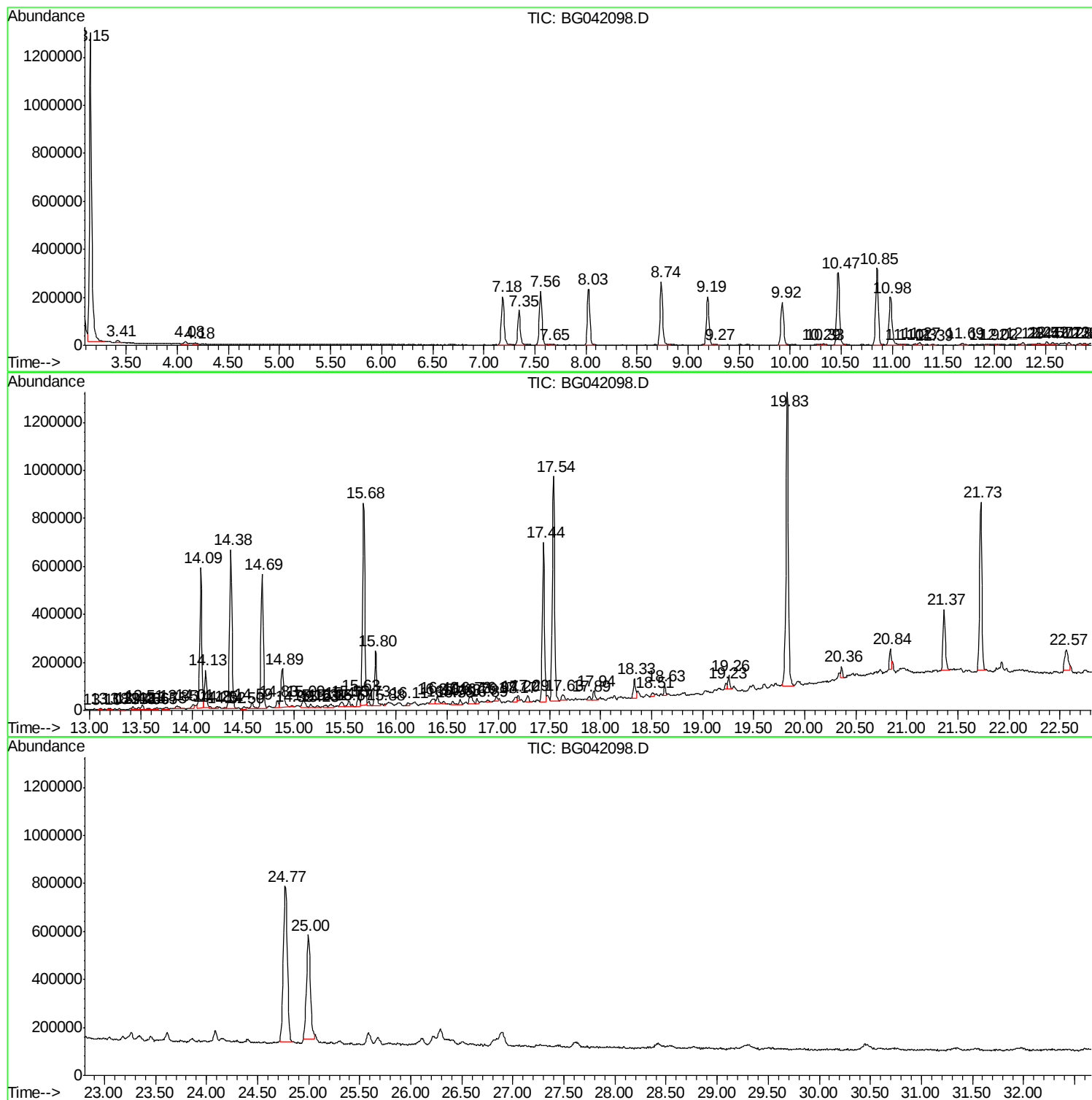
Sum of corrected areas: 22295382

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



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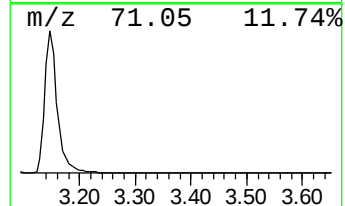
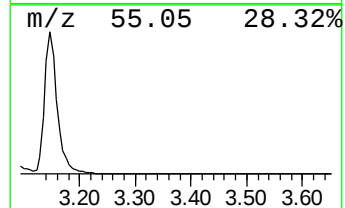
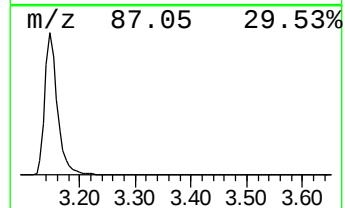
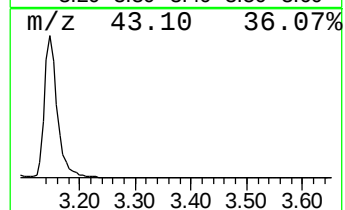
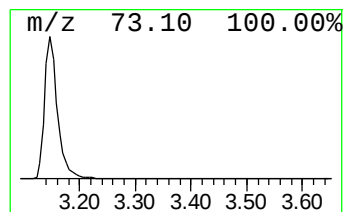
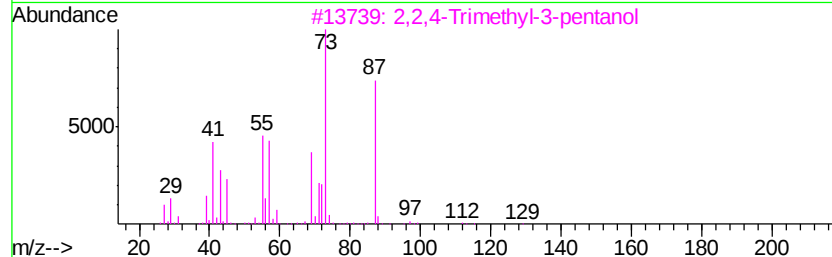
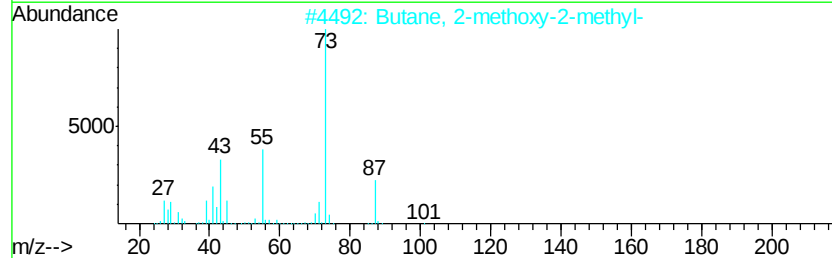
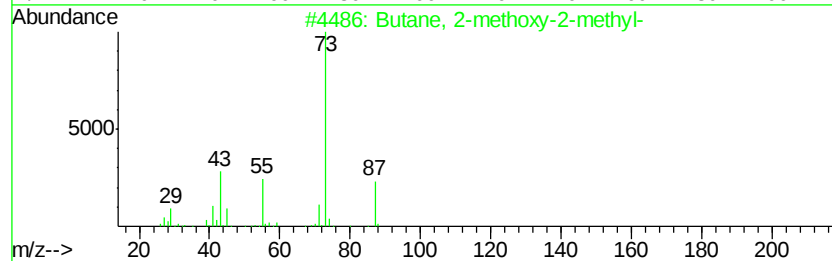
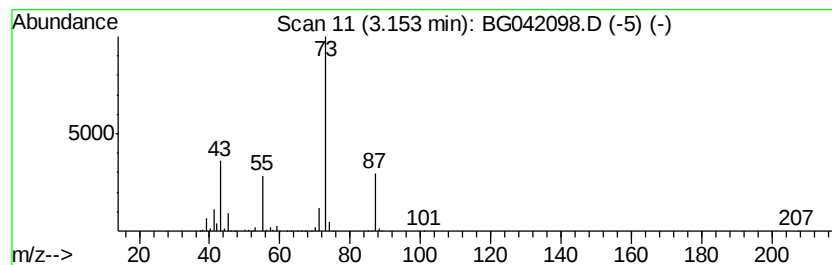
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	101.88 ng/ul	2050880	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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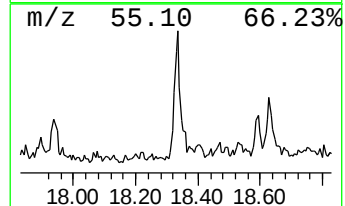
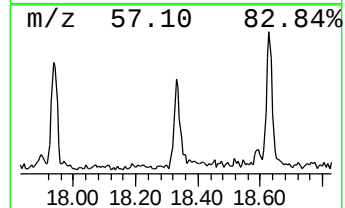
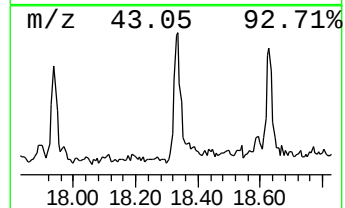
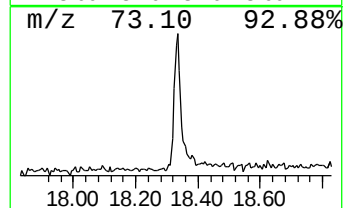
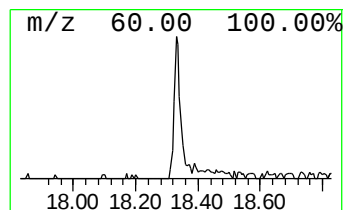
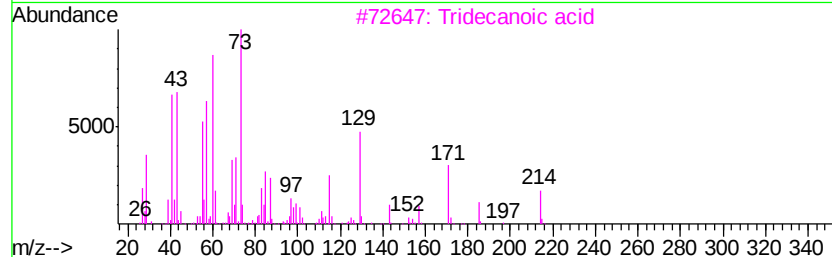
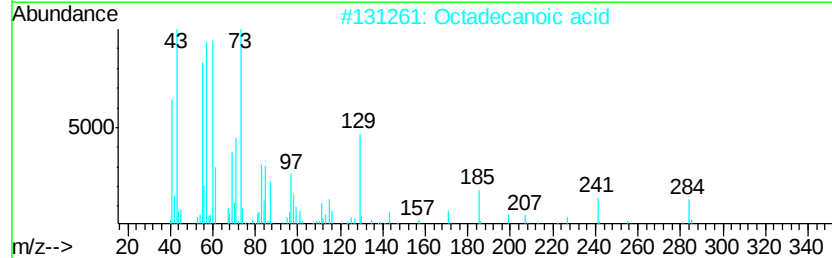
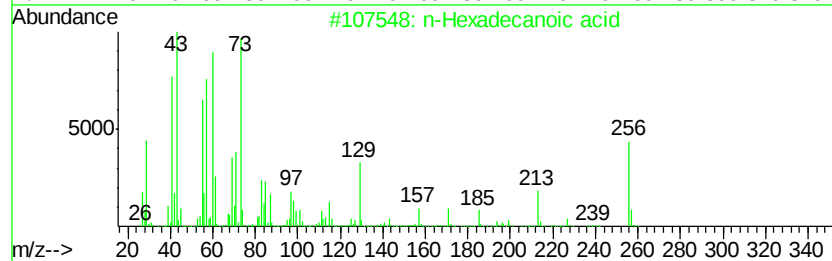
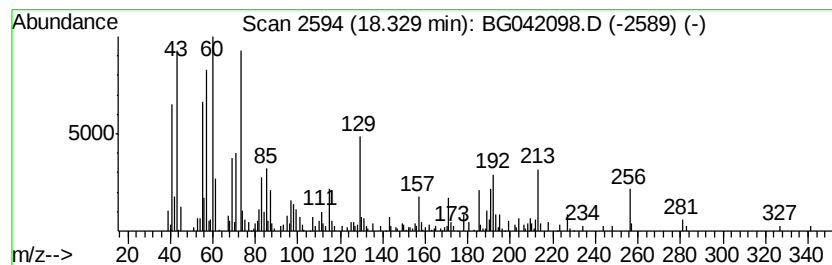
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.57 ng/ul	133908	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Octadecanoic acid	284	C18H36O2	000057-11-4	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	83
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



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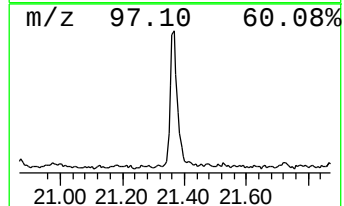
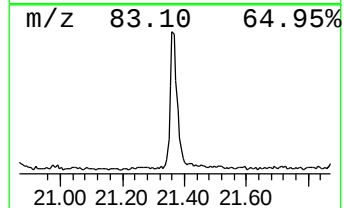
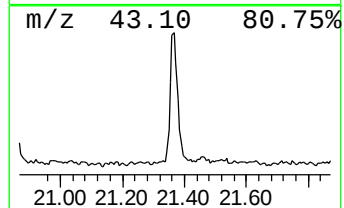
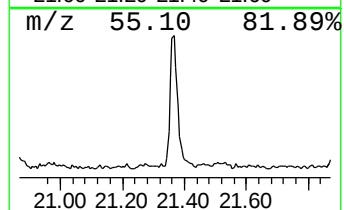
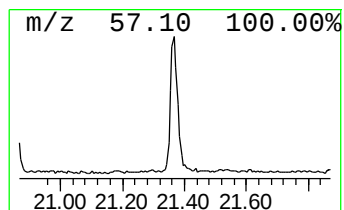
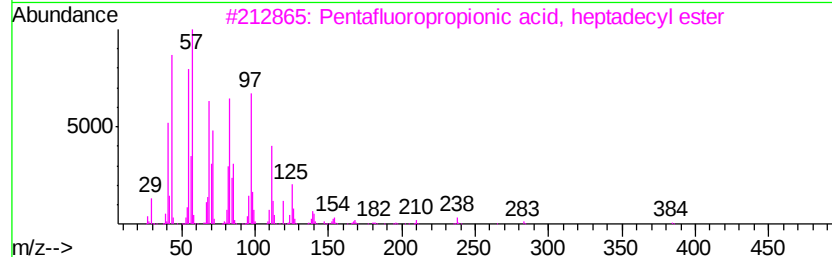
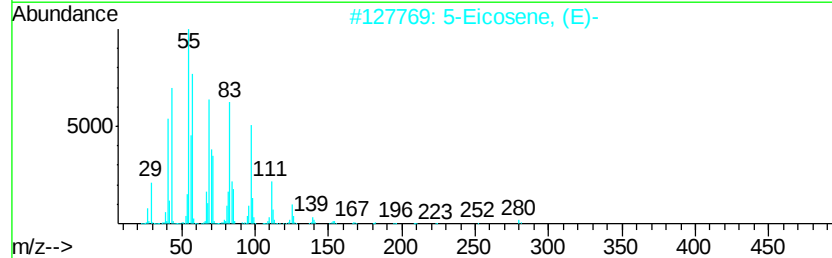
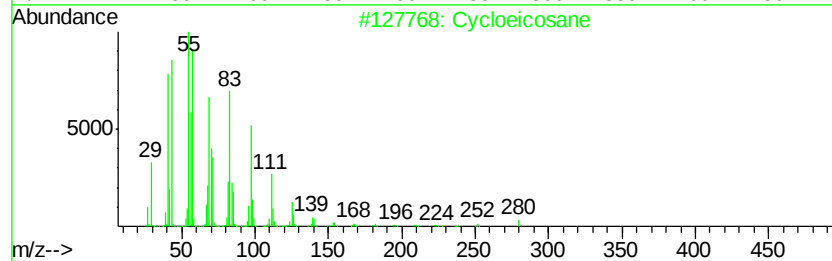
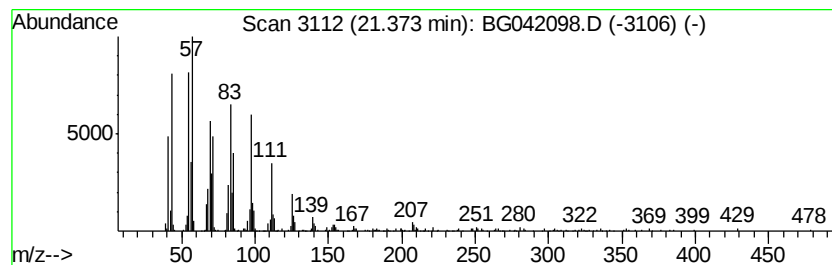
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic21.37 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.37	6.89 ng/ul	393267	Chrysene-d12	21.73		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvcloeicosane	280	C20H40	000296-56-0	99
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	94
3		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
4		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042098.D
Acq On : 9 Aug 2019 12:05
Operator : HP/JU
Sample : K4147-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COANO

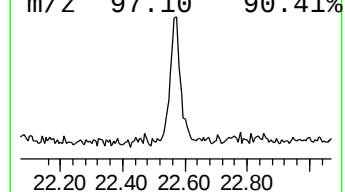
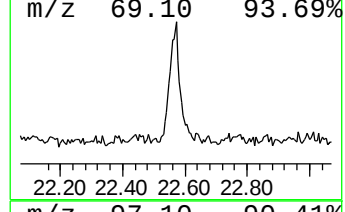
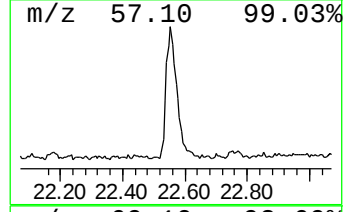
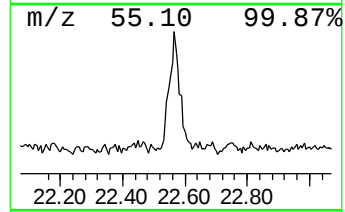
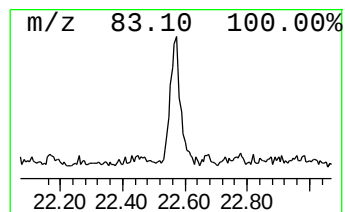
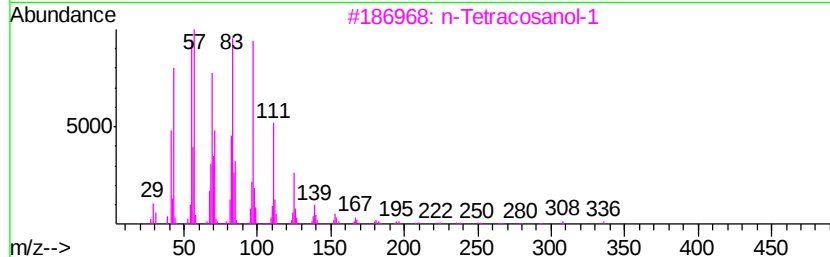
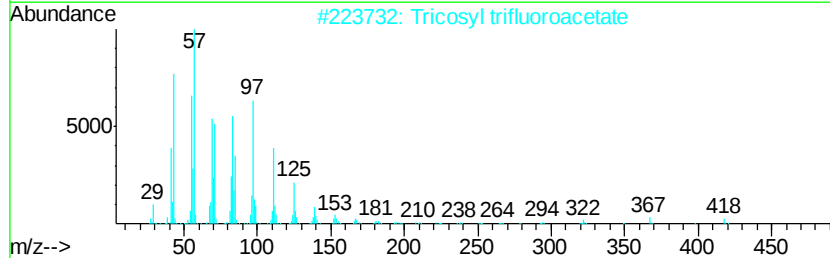
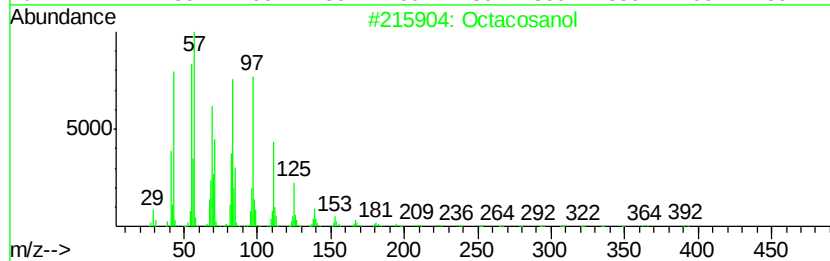
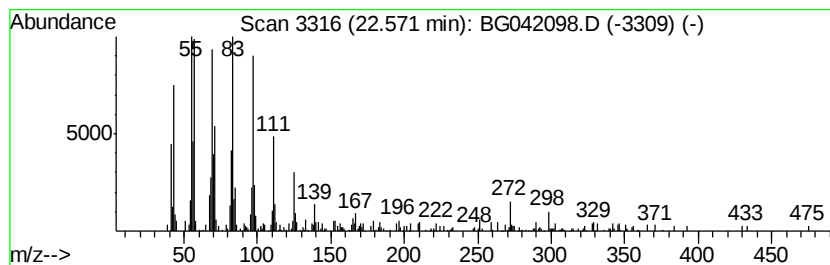
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	3.75 ng/ul	214170	Chrysene-d12	21.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosanol	410	C28H58O	000557-61-9	93
2		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	93
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4		Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	93
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080819\
Data File : BG042098.D
Acq On : 9 Aug 2019 12:05
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AN0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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
Butane, 2-methoxy...	3.15	101.9	ng/ul	2050880	1	8.03	402621	20.0
n-Hexadecanoic acid	18.33	2.6	ng/ul	133908	4	17.44	1043270	20.0
(DEL) Alkane: Cyc...	21.37	6.9	ng/ul	393267	5	21.73	1142130	20.0
Octacosanol	22.57	3.8	ng/ul	214170	5	21.73	1142130	20.0