

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
 Data File : BG042065.D
 Acq On : 8 Aug 2019 13:30
 Operator : HP/JU
 Sample : K4149-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AN5

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	3.146	5	10	25	rVB	528141	843596	39.54%	4.029%
2	3.411	50	55	60	rBV	11456	16981	0.80%	0.081%
3	4.075	165	168	173	rVB3	3743	5698	0.27%	0.027%
4	5.185	352	357	360	rBV6	4477	6221	0.29%	0.030%
5	6.736	618	621	625	rBV3	3678	5069	0.24%	0.024%
6	7.177	686	696	717	rVB2	56715	148100	6.94%	0.707%
7	7.342	717	724	735	rBV	167869	292620	13.72%	1.397%
8	7.553	749	760	770	rBV	205590	365515	17.13%	1.746%
9	8.023	831	840	850	rBV	216861	384851	18.04%	1.838%
10	8.299	882	887	892	rBV3	8153	14164	0.66%	0.068%
11	8.675	947	951	955	rBV4	4856	8537	0.40%	0.041%
12	8.734	955	961	977	rVB	155775	293552	13.76%	1.402%
13	9.134	1023	1029	1032	rBV4	9148	17787	0.83%	0.085%
14	9.192	1032	1039	1052	rVV	224295	418879	19.63%	2.000%
15	9.316	1056	1060	1065	rVV4	4584	8633	0.40%	0.041%
16	9.457	1078	1084	1091	rVV3	8774	17938	0.84%	0.086%
17	9.580	1100	1105	1111	rVV3	5198	9715	0.46%	0.046%
18	9.803	1139	1143	1148	rBV3	5725	8484	0.40%	0.041%
19	9.921	1155	1163	1173	rBV	200720	371424	17.41%	1.774%
20	10.015	1173	1179	1182	rVV3	20479	42035	1.97%	0.201%
21	10.044	1182	1184	1196	rVV5	14662	24491	1.15%	0.117%
22	10.320	1225	1231	1238	rBV3	19800	40160	1.88%	0.192%
23	10.467	1248	1256	1267	rBV	312972	612243	28.70%	2.924%
24	10.673	1286	1291	1299	rBV6	3164	6442	0.30%	0.031%
25	10.755	1299	1305	1311	rVB6	4918	10382	0.49%	0.050%
26	10.849	1314	1321	1330	rBV	315643	573229	26.87%	2.738%
27	10.990	1341	1345	1352	rVB3	7739	13116	0.61%	0.063%
28	11.219	1377	1384	1388	rBV6	4700	10660	0.50%	0.051%
29	11.384	1407	1412	1418	rVV4	5832	11857	0.56%	0.057%
30	11.443	1418	1422	1431	rVV5	4626	12681	0.59%	0.061%
31	11.684	1456	1463	1469	rBV2	16542	31308	1.47%	0.150%
32	11.877	1489	1496	1500	rBV3	6681	11833	0.55%	0.057%
33	11.930	1500	1505	1509	rVB2	9323	13942	0.65%	0.067%
34	12.024	1514	1521	1522	rVV4	3139	5196	0.24%	0.025%

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35	12.048	1522	1525	1531	rVB5	3488	5034	0.24%	0.024%
36	12.230	1550	1556	1562	rBV3	5783	13057	0.61%	0.062%
37	12.441	1585	1592	1595	rBV2	8105	13303	0.62%	0.064%
38	12.565	1605	1613	1617	rVV5	4636	12658	0.59%	0.060%
39	12.723	1637	1640	1651	rVB7	5330	12635	0.59%	0.060%
40	12.829	1655	1658	1662	rBV3	4054	6310	0.30%	0.030%
41	12.876	1662	1666	1672	rBV3	7027	10983	0.51%	0.052%
42	12.941	1672	1677	1683	rBV3	16120	27184	1.27%	0.130%
43	13.105	1699	1705	1708	rBV6	4162	7946	0.37%	0.038%
44	13.481	1763	1769	1772	rBV4	2905	5742	0.27%	0.027%
45	13.640	1793	1796	1803	rVB5	4792	9207	0.43%	0.044%
46	13.816	1821	1826	1828	rBV3	6712	10654	0.50%	0.051%
47	13.852	1828	1832	1835	rVB5	4719	6865	0.32%	0.033%
48	14.040	1855	1864	1865	rBV6	10138	21540	1.01%	0.103%
49	14.081	1865	1871	1877	rVV	640696	996789	46.72%	4.760%
50	14.134	1877	1880	1883	rVV	18109	24622	1.15%	0.118%
51	14.169	1883	1886	1893	rVB7	6347	12477	0.58%	0.060%
52	14.380	1914	1922	1934	rBV	763509	1236410	57.96%	5.905%
53	14.527	1937	1947	1949	rBV7	3362	6670	0.31%	0.032%
54	14.686	1966	1974	1983	rBV	544909	875091	41.02%	4.179%
55	14.751	1983	1985	1990	rVB5	4393	6421	0.30%	0.031%
56	14.839	1994	2000	2001	rVV2	11148	13678	0.64%	0.065%
57	14.874	2001	2006	2013	rVV2	38922	88711	4.16%	0.424%
58	14.927	2013	2015	2019	rVV5	6423	9527	0.45%	0.045%
59	15.156	2051	2054	2060	rVB6	3397	4791	0.22%	0.023%
60	15.555	2120	2122	2128	rVB4	3103	4858	0.23%	0.023%
61	15.632	2128	2135	2137	rBV4	7193	13389	0.63%	0.064%
62	15.679	2137	2143	2151	rVV	1034822	1572394	73.70%	7.509%
63	15.790	2156	2162	2170	rBV	278940	428063	20.06%	2.044%
64	15.920	2177	2184	2190	rVB3	13169	21930	1.03%	0.105%
65	16.043	2202	2205	2211	rVB6	5086	8558	0.40%	0.041%
66	16.108	2211	2216	2217	rBV3	3560	5540	0.26%	0.026%
67	16.466	2273	2277	2281	rVB3	6132	10258	0.48%	0.049%
68	16.725	2315	2321	2326	rVV4	6076	11122	0.52%	0.053%
69	16.977	2361	2364	2368	rVV3	7534	9857	0.46%	0.047%
70	17.218	2403	2405	2410	rVV3	3925	5686	0.27%	0.027%
71	17.436	2433	2442	2453	rBV2	733190	1068265	50.07%	5.102%

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72	17.535	2453	2459	2472	rVB2	1097999	1689832	79.21%	8.070%
73	17.812	2500	2506	2508	rVV6	4388	6945	0.33%	0.033%
74	18.329	2589	2594	2603	rBV4	48693	90142	4.23%	0.430%
75	18.628	2642	2645	2648	rBV3	4157	6223	0.29%	0.030%
76	18.669	2648	2652	2656	rVV6	3955	6289	0.29%	0.030%
77	18.810	2674	2676	2680	rVB4	4033	5429	0.25%	0.026%
78	19.257	2749	2752	2755	rVB3	7662	7926	0.37%	0.038%
79	19.457	2781	2786	2792	rBV	20979	34781	1.63%	0.166%
80	19.598	2805	2810	2818	rBV4	21796	40496	1.90%	0.193%
81	19.709	2825	2829	2833	rBV	11393	13645	0.64%	0.065%
82	19.827	2842	2849	2860	rBV2	1347871	2086997	97.83%	9.967%
83	20.297	2925	2929	2930	rBV4	4319	6405	0.30%	0.031%
84	20.362	2933	2940	2945	rBV3	18667	34423	1.61%	0.164%
85	20.714	2998	3000	3006	rVB7	7268	10719	0.50%	0.051%
86	20.855	3018	3024	3028	rBV4	28019	41703	1.95%	0.199%
87	21.372	3106	3112	3120	rBV2	76235	165110	7.74%	0.788%
88	21.719	3164	3171	3184	rBV2	747186	1219696	57.17%	5.825%
89	21.924	3202	3206	3211	rBV2	31592	50591	2.37%	0.242%
90	22.547	3308	3312	3319	rBV2	40971	66046	3.10%	0.315%
91	23.258	3428	3433	3442	rVB2	56672	104726	4.91%	0.500%
92	23.828	3528	3530	3531	rBV2	5979	4732	0.22%	0.023%
93	24.081	3567	3573	3584	rBV2	57204	133987	6.28%	0.640%
94	24.762	3678	3689	3705	rVB	755700	2133393	100.00%	10.188%
95	24.986	3716	3727	3736	rBV2	427805	1301840	61.02%	6.217%
96	25.056	3736	3739	3749	rVB2	56662	122884	5.76%	0.587%
97	26.219	3929	3937	3947	rBV2	44316	135207	6.34%	0.646%
98	27.624	4167	4176	4185	rVB4	31599	104874	4.92%	0.501%
99	29.286	4452	4459	4463	rBV8	18090	46856	2.20%	0.224%
100	31.319	4800	4805	4806	rBV5	8890	12370	0.58%	0.059%

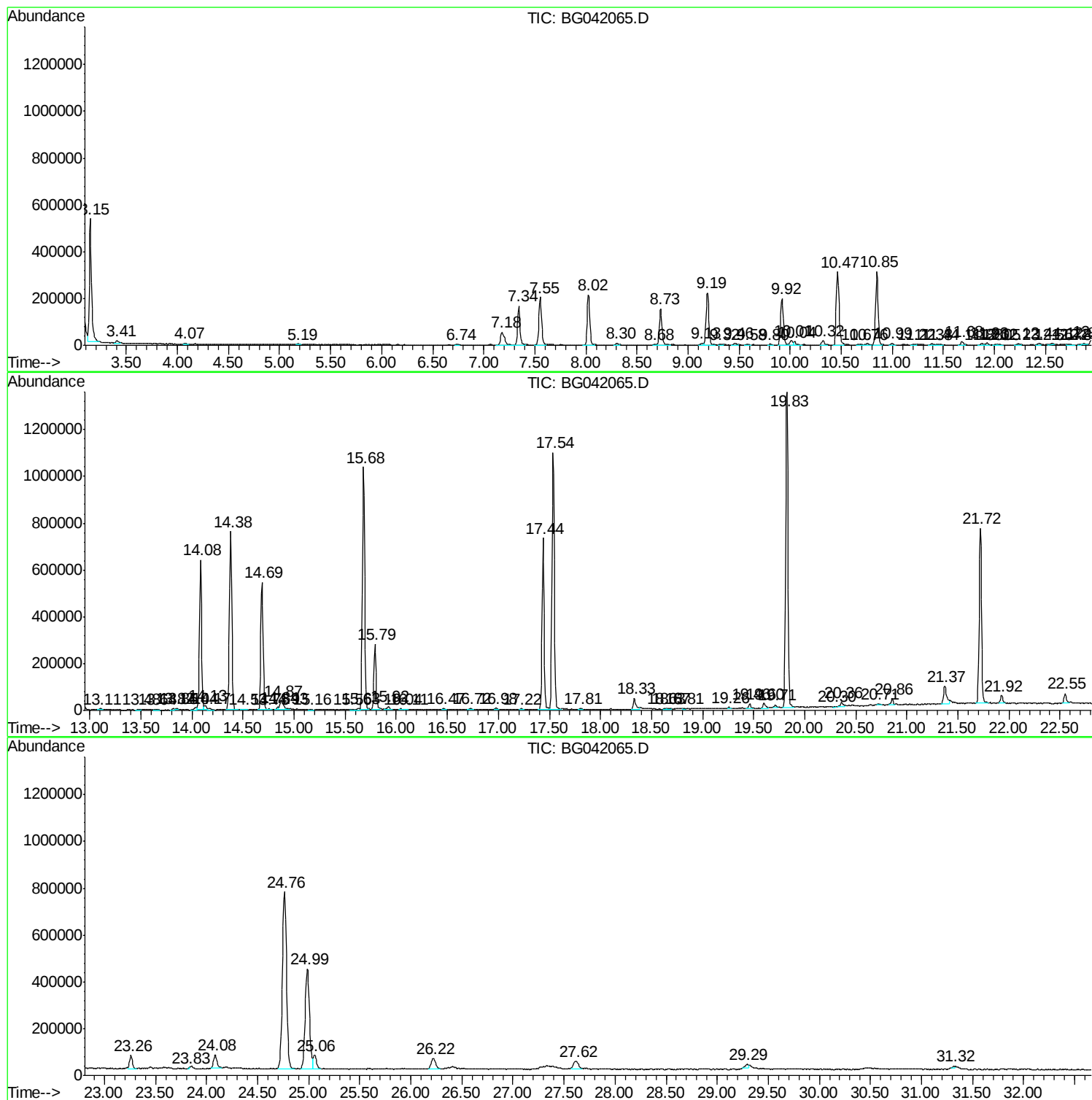
Sum of corrected areas: 20939831

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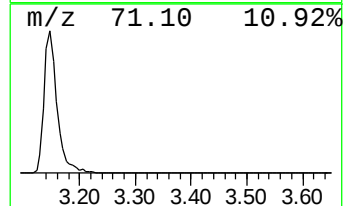
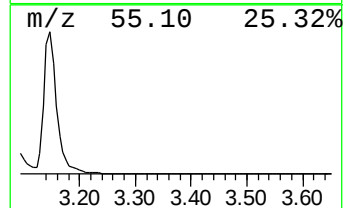
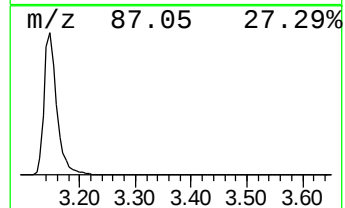
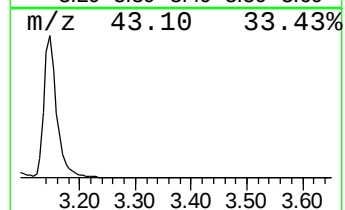
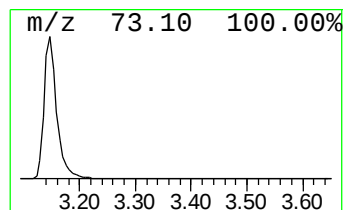
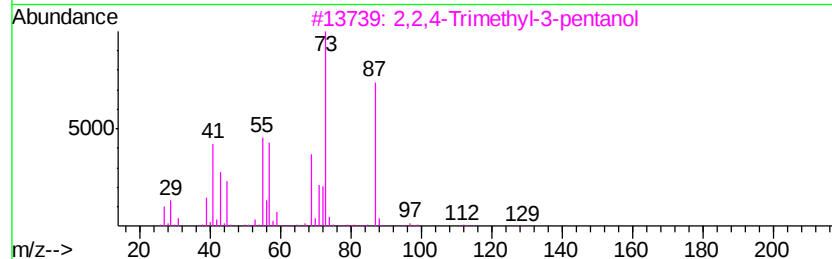
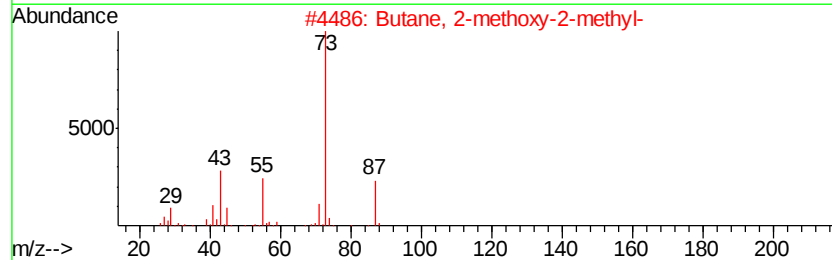
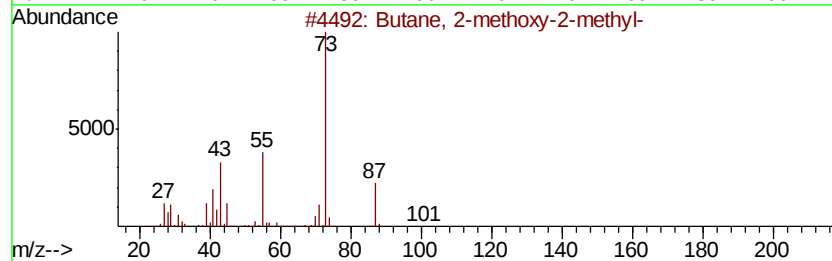
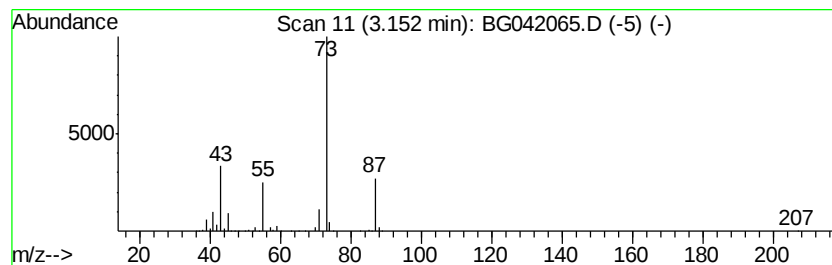
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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	43.84 ng/ul	843596	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	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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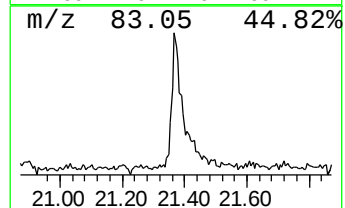
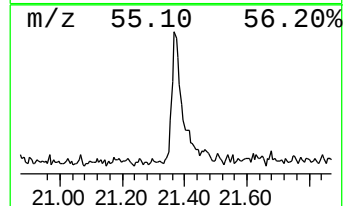
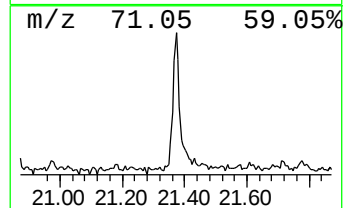
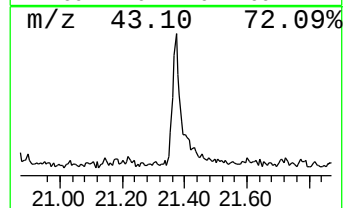
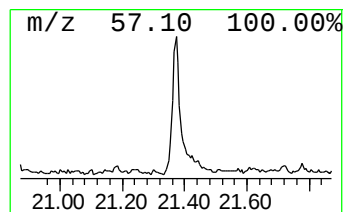
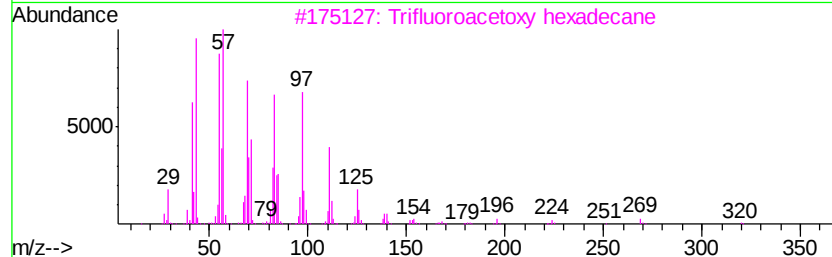
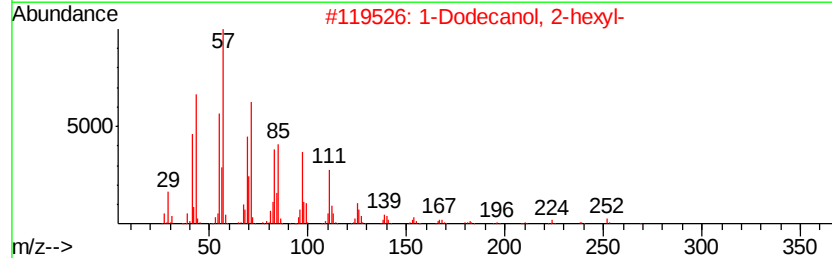
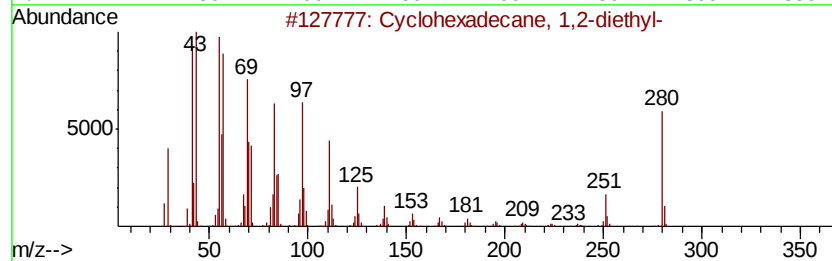
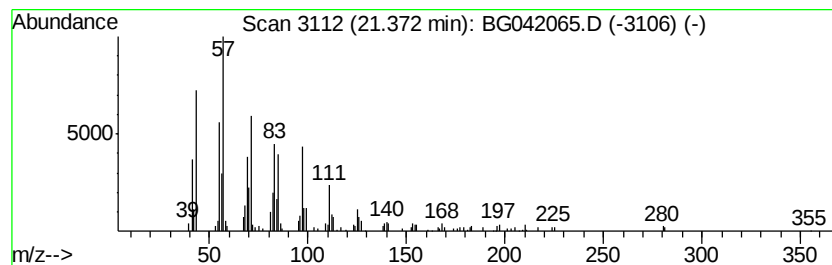
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.37	2.71 ng/ul	165110	Chrysene-d12	21.72	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	97
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	93
3	Trifluoroacetoxv hexadecane	338	C18H33F3O2	006222-03-3	93
4	Cvcloeicosane	280	C20H40	000296-56-0	90
5	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	90



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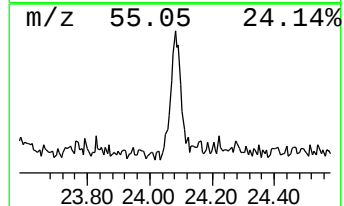
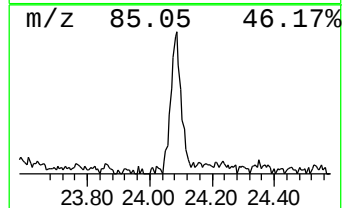
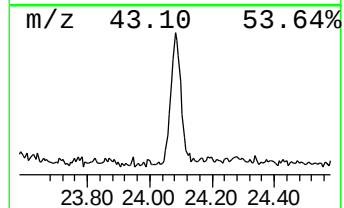
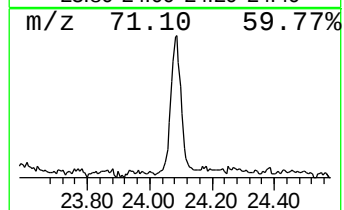
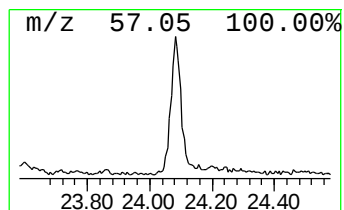
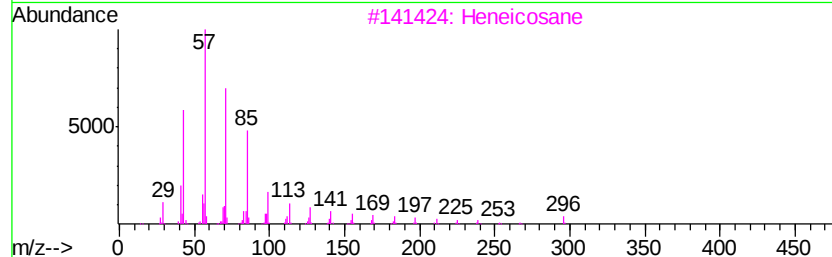
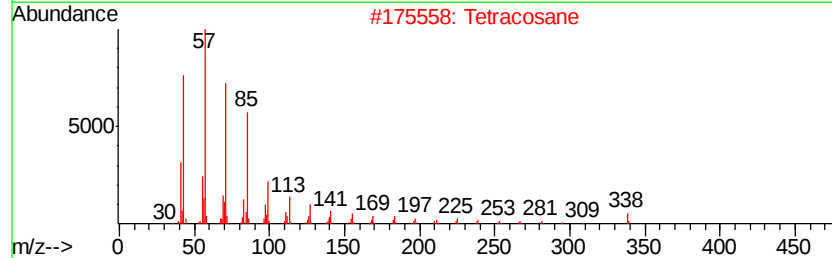
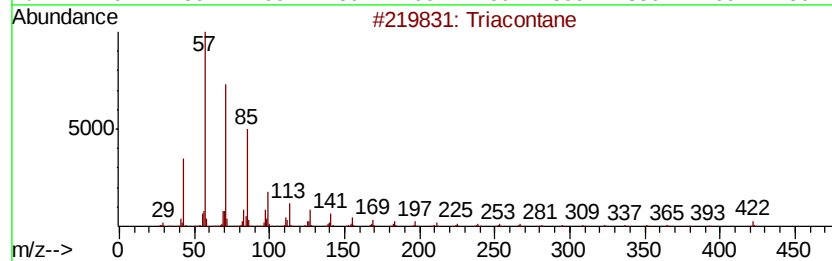
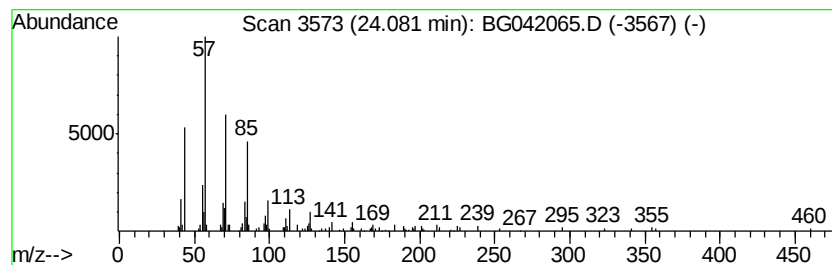
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	2.06 ng/ul	133987	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Docosane	310	C22H46	000629-97-0	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042065.D
Acq On : 8 Aug 2019 13:30
Operator : HP/JU
Sample : K4149-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AN5

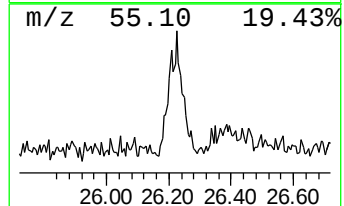
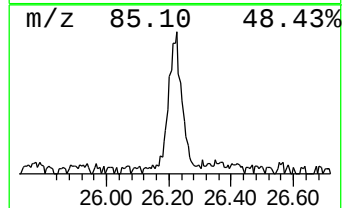
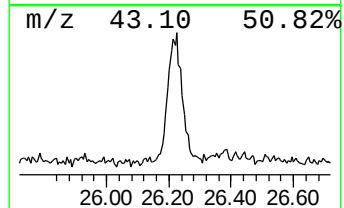
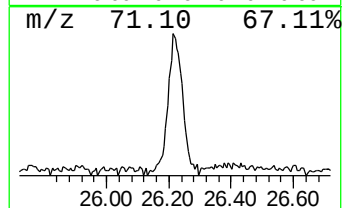
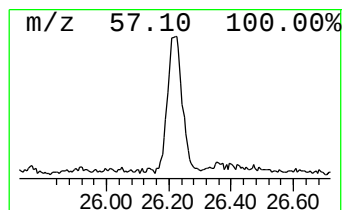
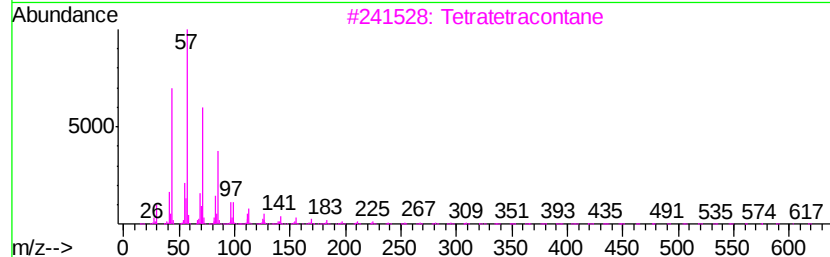
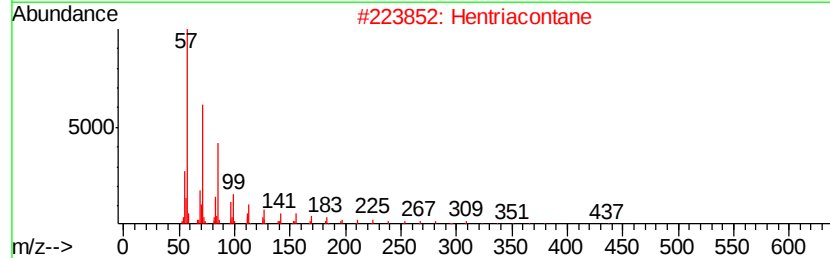
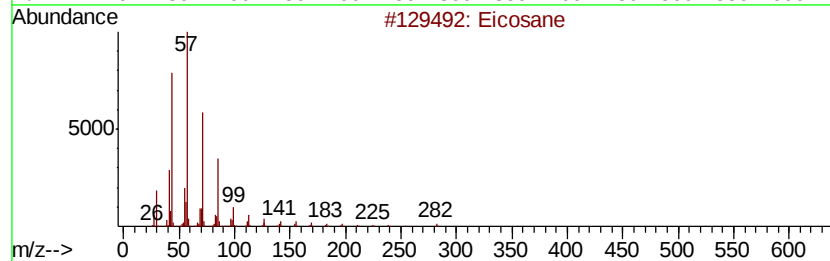
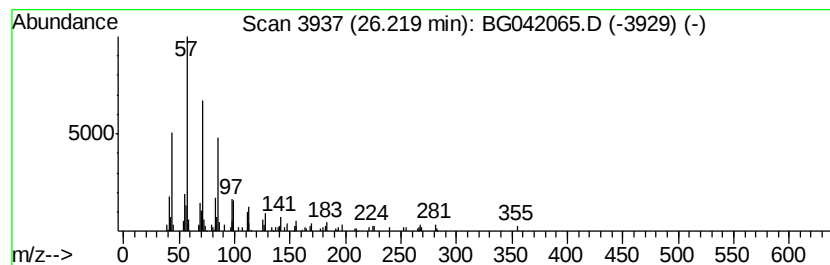
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.22	2.08 ng/ul	135207	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
5		Docosane, 11-decyl-	451	C32H66	055401-55-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\
Data File : BG042065.D
Acq On : 8 Aug 2019 13:30
Operator : HP/JU
Sample : K4149-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AN5

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	43.8	ng/ul	843596	1	8.03	384851	20.0
(DEL) Alkane: Cyc...	21.37	2.7	ng/ul	165110	5	21.72	1219700	20.0
(DEL) Alkane: Str...	24.08	2.1	ng/ul	133987	6	24.99	1301840	20.0
(DEL) Alkane: Str...	26.22	2.1	ng/ul	135207	6	24.99	1301840	20.0