

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
 Data File : BG042037.D
 Acq On : 7 Aug 2019 18:52
 Operator : HP/JU
 Sample : K4029-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENT9

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	3.144	5	9	33	rVB	1602850	2568453	100.00%	9.682%
2	3.408	50	54	62	rVB	11964	18879	0.74%	0.071%
3	3.843	126	128	133	rVB4	2875	3859	0.15%	0.015%
4	3.943	139	145	151	rVB2	8812	14312	0.56%	0.054%
5	4.078	163	168	173	rVB	12062	20693	0.81%	0.078%
6	4.172	177	184	193	rBV4	5293	10335	0.40%	0.039%
7	5.100	337	342	346	rBV2	3228	4310	0.17%	0.016%
8	7.174	686	695	714	rBV	172024	357933	13.94%	1.349%
9	7.344	716	724	732	rBV	164613	289503	11.27%	1.091%
10	7.556	751	760	771	rBV	204199	375194	14.61%	1.414%
11	8.026	833	840	848	rBV	236652	407361	15.86%	1.536%
12	8.731	954	960	975	rBV	157206	302638	11.78%	1.141%
13	8.860	979	982	987	rVB5	2449	3843	0.15%	0.014%
14	9.189	1031	1038	1052	rBV	214473	402745	15.68%	1.518%
15	9.642	1109	1115	1122	rBV	6300	9004	0.35%	0.034%
16	9.924	1155	1163	1177	rBV	189837	359518	14.00%	1.355%
17	10.464	1248	1255	1267	rBV	271678	529610	20.62%	1.996%
18	10.852	1313	1321	1328	rBV	335006	613541	23.89%	2.313%
19	10.981	1335	1343	1353	rBV	189648	381312	14.85%	1.437%
20	12.444	1584	1592	1598	rBV4	4265	9269	0.36%	0.035%
21	13.572	1780	1784	1794	rVB4	2362	4794	0.19%	0.018%
22	14.013	1854	1859	1863	rBV4	4219	6125	0.24%	0.023%
23	14.084	1863	1871	1876	rBV	656828	988588	38.49%	3.726%
24	14.131	1876	1879	1886	rVB	297598	410045	15.96%	1.546%
25	14.377	1914	1921	1934	rVB2	750077	1186911	46.21%	4.474%
26	14.589	1953	1957	1960	rBV2	3577	4099	0.16%	0.015%
27	14.689	1966	1974	1981	rBV	586093	945412	36.81%	3.564%
28	14.753	1981	1985	1993	rVB3	7497	11655	0.45%	0.044%
29	14.871	1998	2005	2018	rBV	119506	249081	9.70%	0.939%
30	15.094	2038	2043	2049	rVV4	24444	38601	1.50%	0.146%
31	15.482	2104	2109	2116	rBV4	3407	7101	0.28%	0.027%
32	15.541	2116	2119	2123	rVB4	4146	5420	0.21%	0.020%
33	15.682	2132	2143	2149	rBV	1013326	1560610	60.76%	5.883%
34	15.729	2149	2151	2156	rVB4	12732	17830	0.69%	0.067%

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35	15.793	2156	2162	2172	rBV	195817	323176	12.58%	1.218%
36	15.917	2177	2183	2187	rBV4	12215	19447	0.76%	0.073%
37	16.034	2197	2203	2205	rBV4	2889	4237	0.16%	0.016%
38	16.404	2263	2266	2268	rBV2	7214	9179	0.36%	0.035%
39	16.463	2272	2276	2281	rVB3	4050	6920	0.27%	0.026%
40	16.557	2287	2292	2296	rBV6	3181	6222	0.24%	0.023%
41	16.722	2316	2320	2321	rBV4	4168	5366	0.21%	0.020%
42	16.745	2321	2324	2328	rVV6	5455	7535	0.29%	0.028%
43	16.792	2328	2332	2337	rVV5	5388	8315	0.32%	0.031%
44	16.951	2355	2359	2360	rBV	3915	4120	0.16%	0.016%
45	16.980	2360	2364	2366	rVV4	5132	6878	0.27%	0.026%
46	17.010	2366	2369	2376	rVB7	7183	10906	0.42%	0.041%
47	17.092	2378	2383	2391	rBV5	6179	12516	0.49%	0.047%
48	17.174	2391	2397	2398	rBV6	4723	5996	0.23%	0.023%
49	17.198	2398	2401	2406	rVV6	6614	9440	0.37%	0.036%
50	17.256	2408	2411	2415	rVB	7517	8666	0.34%	0.033%
51	17.350	2423	2427	2432	rVB5	4952	6107	0.24%	0.023%
52	17.439	2434	2442	2446	rBV2	760059	1166028	45.40%	4.395%
53	17.480	2446	2449	2453	rVV	135678	195331	7.61%	0.736%
54	17.538	2453	2459	2469	rVV	1091937	1679969	65.41%	6.332%
55	17.627	2470	2474	2479	rVB7	6880	11328	0.44%	0.043%
56	17.721	2486	2490	2492	rBV3	6070	9541	0.37%	0.036%
57	17.844	2507	2511	2515	rVV2	5845	11292	0.44%	0.043%
58	17.938	2523	2527	2528	rBV3	3843	4595	0.18%	0.017%
59	18.020	2536	2541	2547	rBV	16232	24398	0.95%	0.092%
60	18.161	2562	2565	2571	rBV3	5341	7840	0.31%	0.030%
61	18.232	2573	2577	2582	rBV8	6237	10848	0.42%	0.041%
62	18.332	2582	2594	2597	rBV2	82845	182229	7.09%	0.687%
63	18.367	2597	2600	2604	rVB	60788	80447	3.13%	0.303%
64	18.449	2609	2614	2618	rVV	22803	43170	1.68%	0.163%
65	18.508	2618	2624	2628	rVV3	69960	136670	5.32%	0.515%
66	18.543	2628	2630	2636	rVB2	37663	56256	2.19%	0.212%
67	18.631	2641	2645	2648	rBV5	7759	11855	0.46%	0.045%
68	18.714	2655	2659	2662	rBV6	10323	14202	0.55%	0.054%
69	18.813	2671	2676	2680	rBV2	32859	52943	2.06%	0.200%
70	18.849	2680	2682	2689	rVB4	20339	31680	1.23%	0.119%
71	18.943	2696	2698	2703	rVB6	7866	8595	0.33%	0.032%

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72	19.060	2711	2718	2722	rBV3	20088	33258	1.29%	0.125%
73	19.107	2724	2726	2729	rVV	16332	18588	0.72%	0.070%
74	19.148	2729	2733	2737	rVB5	15742	19472	0.76%	0.073%
75	19.231	2742	2747	2750	rBV	54218	79905	3.11%	0.301%
76	19.372	2766	2771	2778	rBV4	26892	57679	2.25%	0.217%
77	19.489	2783	2791	2796	rVV	296420	432918	16.86%	1.632%
78	19.554	2799	2802	2805	rVB4	14477	15015	0.58%	0.057%
79	19.589	2805	2808	2812	rBV5	16613	25628	1.00%	0.097%
80	19.824	2842	2848	2861	rBV2	1377605	2502211	97.42%	9.432%
81	20.182	2903	2909	2914	rBV2	40905	102553	3.99%	0.387%
82	20.312	2927	2931	2932	rBV3	27227	36519	1.42%	0.138%
83	20.347	2933	2937	2944	rVB	73830	123361	4.80%	0.465%
84	20.441	2950	2953	2958	rBV	47818	61430	2.39%	0.232%
85	20.500	2959	2963	2967	rBV2	53331	77389	3.01%	0.292%
86	20.641	2984	2987	2992	rBV	43679	66640	2.59%	0.251%
87	20.688	2992	2995	2999	rVB2	42381	53825	2.10%	0.203%
88	21.293	3096	3098	3103	rVB	32076	44130	1.72%	0.166%
89	21.369	3103	3111	3120	rBV4	155979	382420	14.89%	1.441%
90	21.722	3162	3171	3176	rBV3	788203	1693907	65.95%	6.385%
91	21.769	3176	3179	3187	rVB	175245	271540	10.57%	1.024%
92	21.927	3203	3206	3211	rVB4	49890	69775	2.72%	0.263%
93	22.462	3294	3297	3303	rVB	46995	79087	3.08%	0.298%
94	22.550	3307	3312	3319	rVB4	60560	123198	4.80%	0.464%
95	23.261	3429	3433	3440	rVB2	49630	93521	3.64%	0.353%
96	23.949	3544	3550	3557	rBV2	95855	301234	11.73%	1.135%
97	24.084	3568	3573	3581	rVB2	72431	153369	5.97%	0.578%
98	24.683	3669	3675	3679	rBV	52235	125116	4.87%	0.472%
99	24.765	3680	3689	3697	rVV	676079	1825012	71.05%	6.879%
100	24.988	3718	3727	3736	rBV2	473433	1347892	52.48%	5.081%

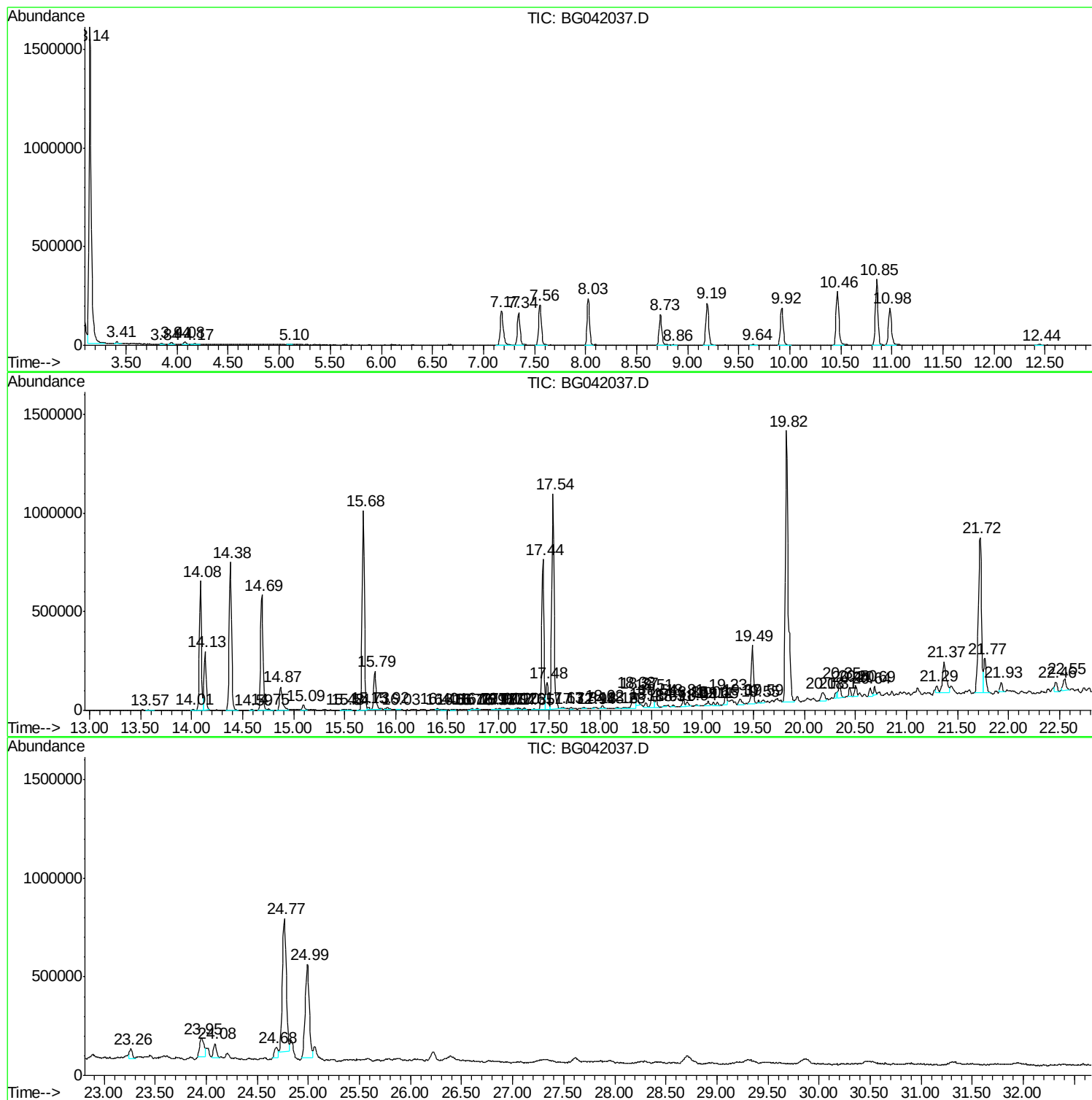
Sum of corrected areas: 26529419

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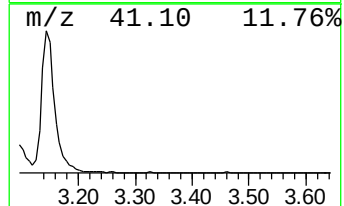
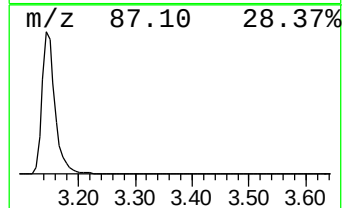
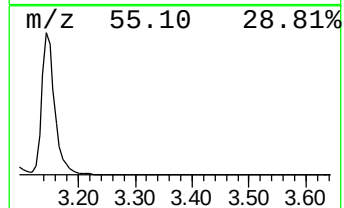
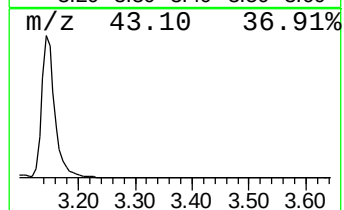
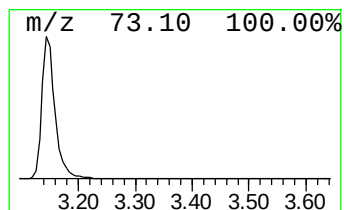
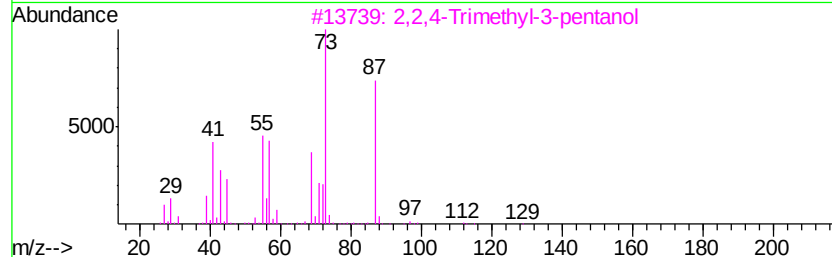
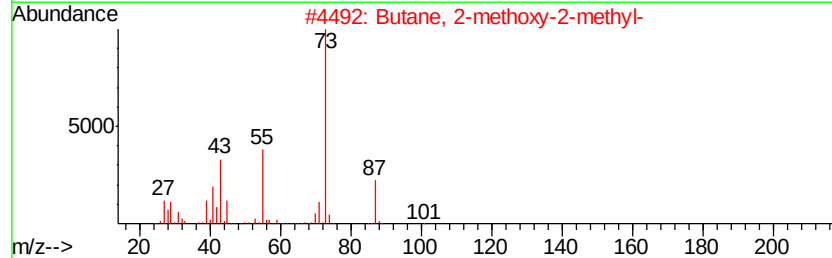
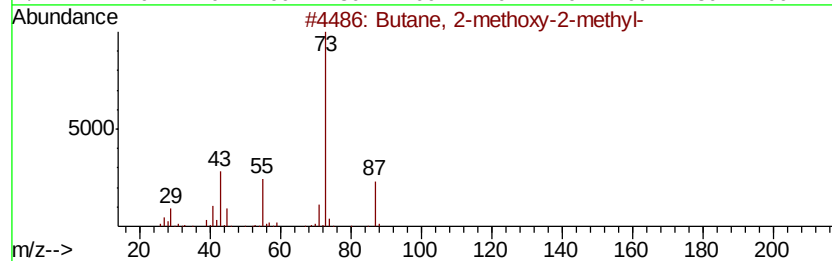
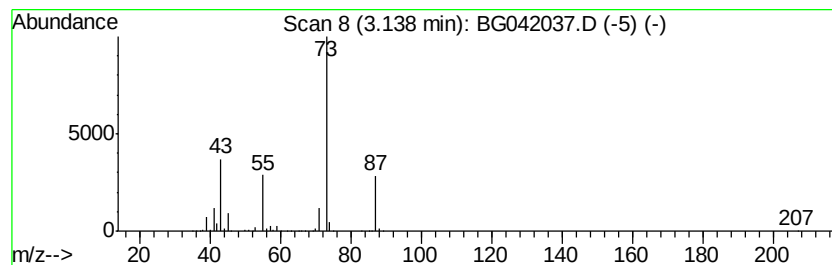
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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.
3.14	126.10 ng/ul	2568450	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		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22



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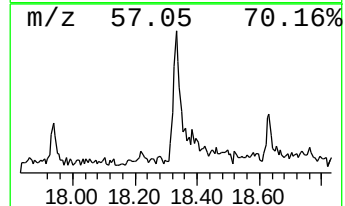
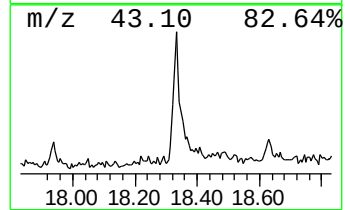
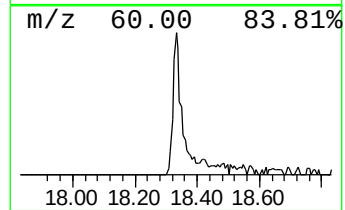
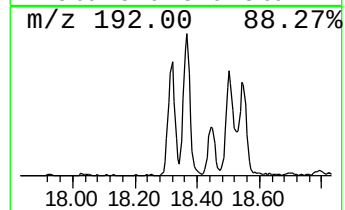
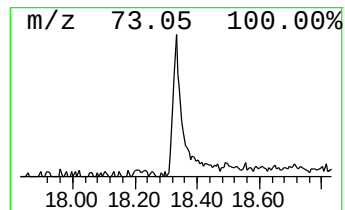
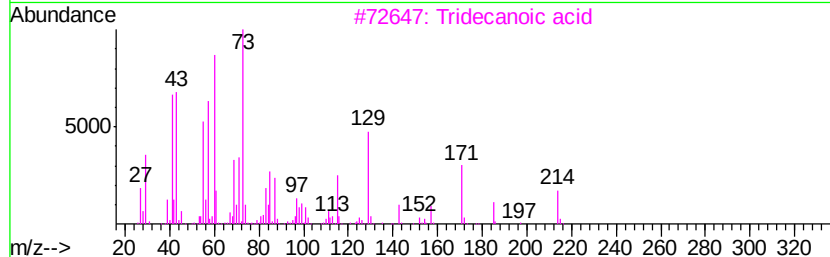
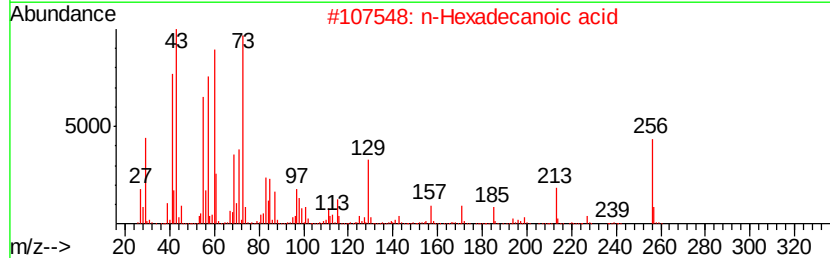
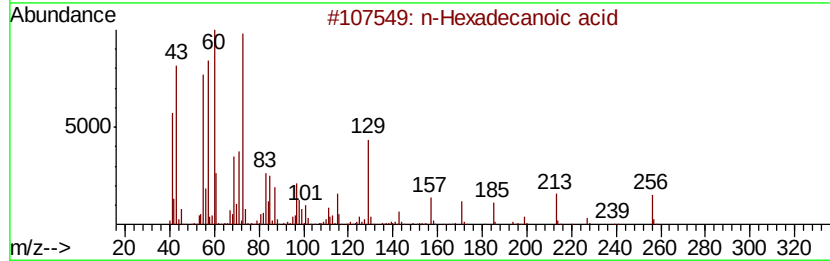
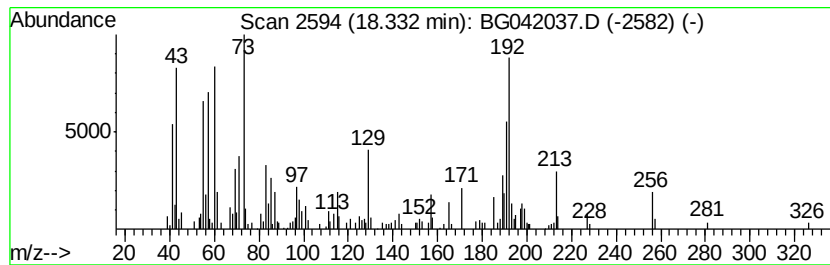
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.33	3.13 ng/ul	182229	Phenanthrene-d10	17.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	86



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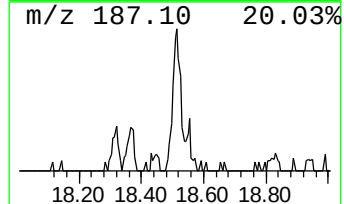
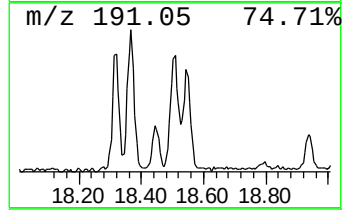
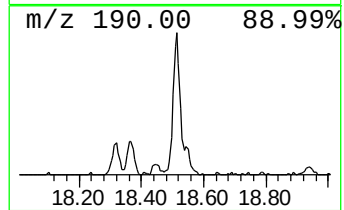
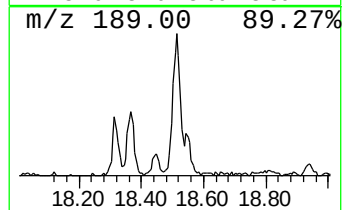
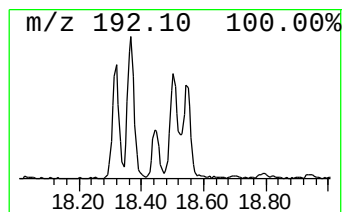
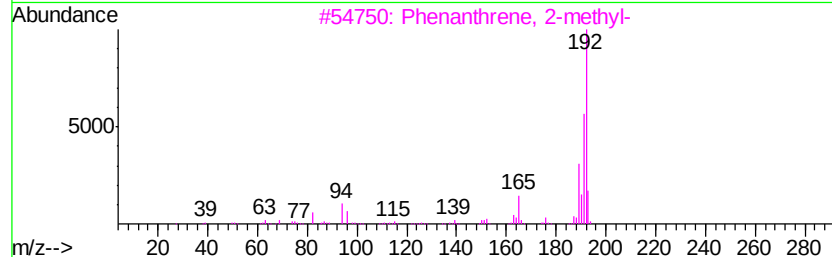
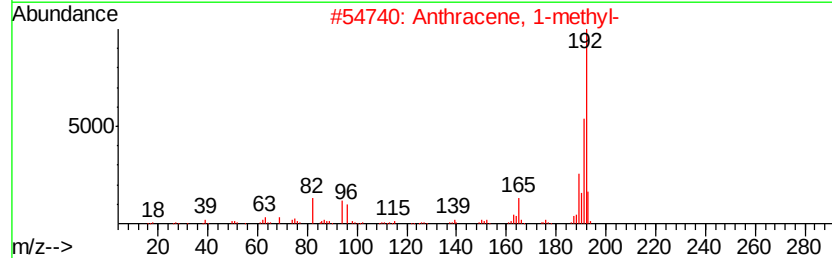
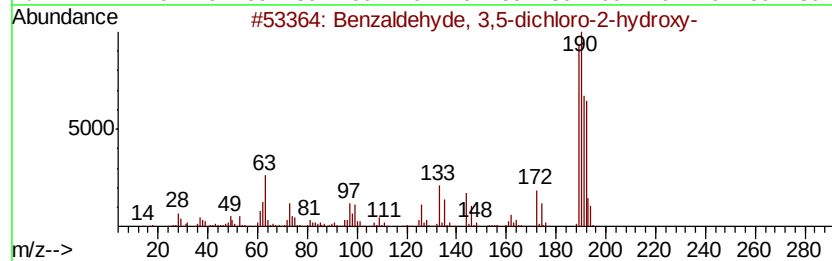
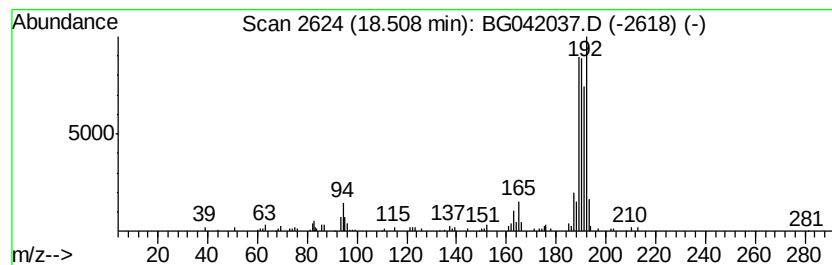
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	2.34 ng/ul	136670	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	58
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	45
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
5		Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042037.D
Acq On : 7 Aug 2019 18:52
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

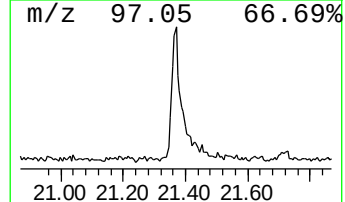
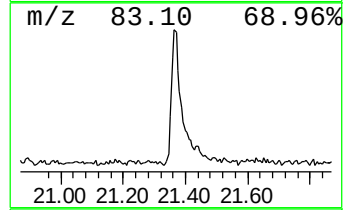
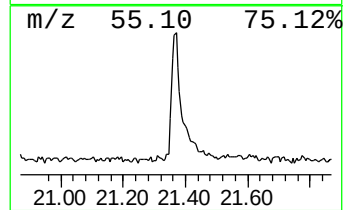
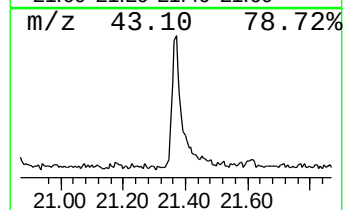
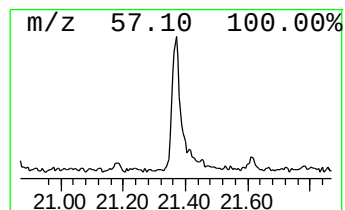
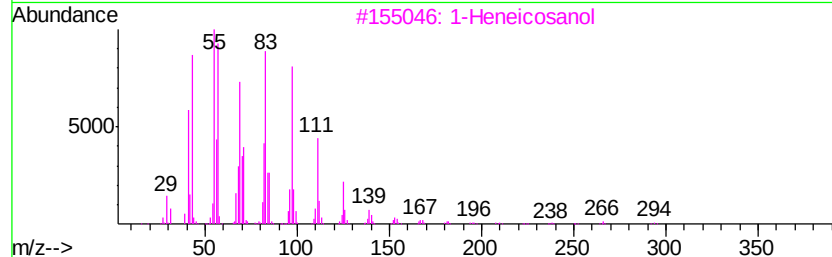
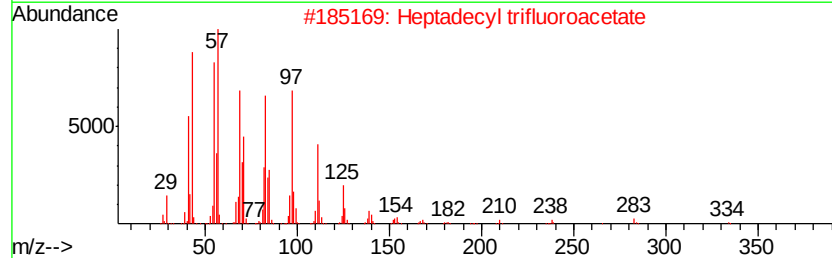
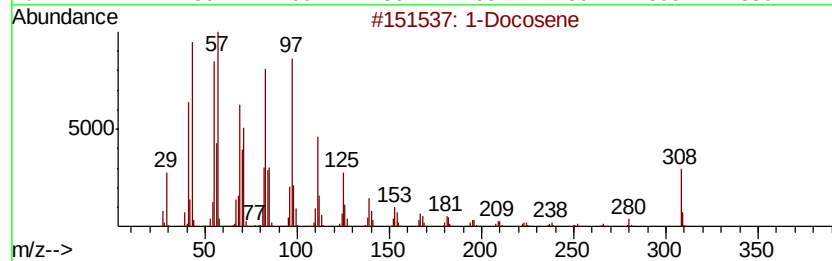
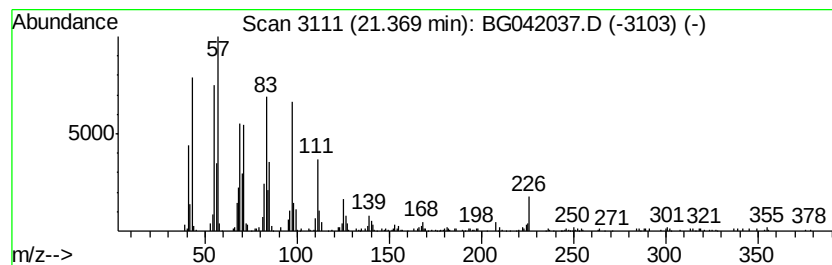
Instrument :
BNA_G
ClientSampleId :
BENT9

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 4 (DEL) Alkane: Cyclic21.37 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.37	4.52 ng/ul	382420	Chrysene-d12	21.72	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	93
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042037.D
Acq On : 7 Aug 2019 18:52
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENT9

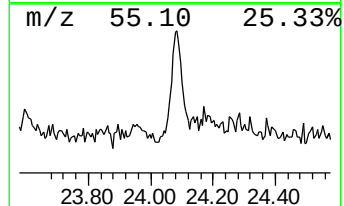
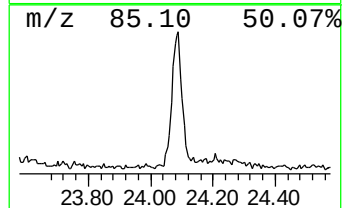
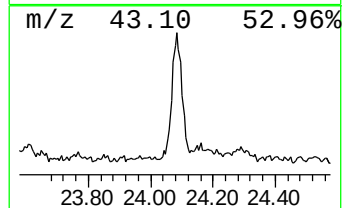
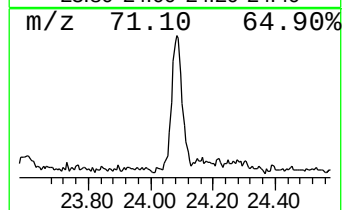
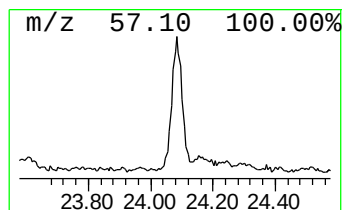
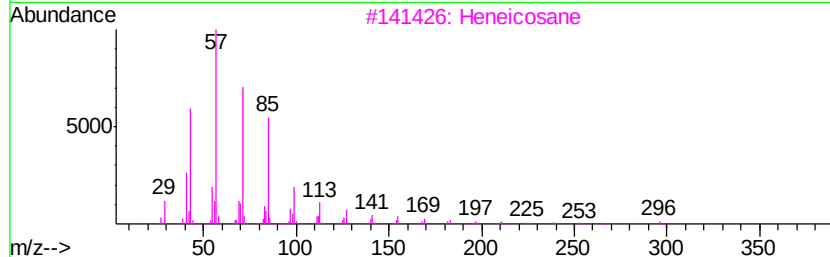
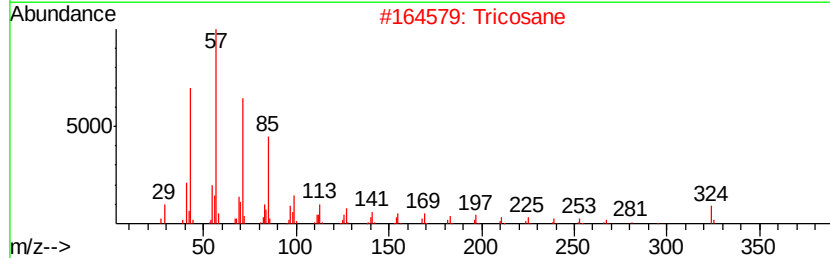
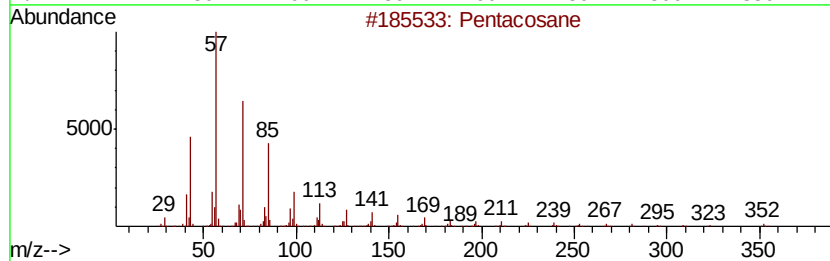
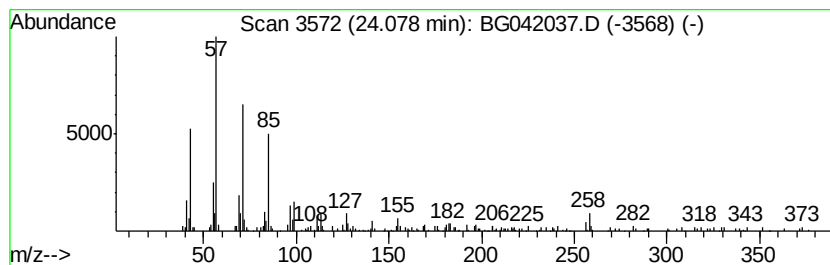
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	2.28 ng/ul	153369	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	94
2		Tricosane	324	C23H48	000638-67-5	93
3		Heneicosane	296	C21H44	000629-94-7	90
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	87
5		Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\
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Acq On : 7 Aug 2019 18:52
Operator : HP/JU
Sample : K4029-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENT9

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...	3.14	126.1	ng/ul	2568450	1	8.03	407361	20.0
n-Hexadecanoic acid	18.33	3.1	ng/ul	182229	4	17.44	1166030	20.0
Benzaldehyde, 3,5...	18.51	2.3	ng/ul	136670	4	17.44	1166030	20.0
(DEL) Alkane: Cyc...	21.37	4.5	ng/ul	382420	5	21.72	1693910	20.0
(DEL) Alkane: Str...	24.08	2.3	ng/ul	153369	6	24.99	1347890	20.0