

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042169.D
 Acq On : 13 Aug 2019 7:31
 Operator : HP/JU
 Sample : K4215-22
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOC6

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	3.142	5	9	29	rVB	576154	924467	40.97%	3.713%
2	3.407	50	54	60	rBV2	14998	22345	0.99%	0.090%
3	4.076	164	168	173	rVB3	4633	7696	0.34%	0.031%
4	4.170	178	184	194	rVB	11312	22014	0.98%	0.088%
5	5.193	354	358	365	rBV7	2725	5753	0.25%	0.023%
6	6.021	494	499	503	rBV5	4696	6752	0.30%	0.027%
7	6.397	557	563	569	rVB3	2388	4930	0.22%	0.020%
8	6.568	588	592	598	rBV3	2740	5328	0.24%	0.021%
9	6.679	609	611	617	rVB4	3885	5899	0.26%	0.024%
10	7.179	689	696	713	rBV	256929	535553	23.74%	2.151%
11	7.343	717	724	733	rBV	197434	352375	15.62%	1.415%
12	7.555	752	760	772	rBV	273214	504981	22.38%	2.028%
13	7.649	772	776	783	rVB4	9057	16463	0.73%	0.066%
14	8.025	832	840	847	rBV	252598	441989	19.59%	1.775%
15	8.095	847	852	860	rVB5	4376	8789	0.39%	0.035%
16	8.736	950	961	970	rBV	343587	638589	28.30%	2.565%
17	9.188	1027	1038	1048	rVV	266014	488547	21.65%	1.962%
18	9.270	1048	1052	1058	rVV	18880	31735	1.41%	0.127%
19	9.922	1154	1163	1171	rBV	226750	425464	18.86%	1.709%
20	10.105	1189	1194	1202	rVB5	3635	7082	0.31%	0.028%
21	10.275	1218	1223	1228	rBV5	4219	6518	0.29%	0.026%
22	10.381	1233	1241	1246	rBV7	3040	5898	0.26%	0.024%
23	10.469	1246	1256	1274	rBV	357008	712271	31.57%	2.861%
24	10.845	1311	1320	1330	rBV	363735	703440	31.18%	2.825%
25	10.980	1335	1343	1356	rBV	320903	660305	29.27%	2.652%
26	11.150	1367	1372	1378	rVB6	3738	7098	0.31%	0.029%
27	11.556	1438	1441	1449	rVV8	5276	10597	0.47%	0.043%
28	11.697	1461	1465	1470	rBV6	3427	5612	0.25%	0.023%
29	11.779	1473	1479	1481	rBV7	3604	7201	0.32%	0.029%
30	11.879	1486	1496	1503	rBV4	9940	21732	0.96%	0.087%
31	12.278	1557	1564	1571	rBV	28217	53789	2.38%	0.216%
32	12.443	1585	1592	1595	rBV2	7436	15911	0.71%	0.064%
33	12.496	1599	1601	1609	rVB6	4517	7163	0.32%	0.029%
34	13.177	1713	1717	1719	rBV3	3108	4863	0.22%	0.020%

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35	13.224	1719	1725	1731	rVB6	12125	23474	1.04%	0.094%
36	13.512	1767	1774	1780	rBV2	29863	50117	2.22%	0.201%
37	13.577	1780	1785	1786	rVV5	3745	6345	0.28%	0.025%
38	13.606	1786	1790	1796	rVB3	10378	15035	0.67%	0.060%
39	13.747	1810	1814	1819	rVV6	3792	6793	0.30%	0.027%
40	14.082	1863	1871	1876	rBV	676434	1060625	47.01%	4.260%
41	14.129	1876	1879	1885	rVB	246272	335244	14.86%	1.346%
42	14.300	1901	1908	1913	rVB6	8253	14593	0.65%	0.059%
43	14.376	1913	1921	1931	rBV	856496	1389474	61.58%	5.581%
44	14.582	1951	1956	1963	rBV	29781	46524	2.06%	0.187%
45	14.682	1965	1973	1988	rBV2	598763	989872	43.87%	3.976%
46	14.881	2001	2007	2019	rBV	90323	217280	9.63%	0.873%
47	15.093	2038	2043	2050	rBV5	15433	27105	1.20%	0.109%
48	15.269	2069	2073	2077	rBV5	3552	5243	0.23%	0.021%
49	15.304	2077	2079	2084	rVB5	4545	6024	0.27%	0.024%
50	15.533	2114	2118	2123	rVB	27688	34046	1.51%	0.137%
51	15.680	2135	2143	2156	rVB	1100982	1766564	78.30%	7.095%
52	15.792	2156	2162	2170	rBV	112792	196043	8.69%	0.787%
53	15.921	2180	2184	2185	rBV	15899	20010	0.89%	0.080%
54	16.027	2200	2202	2207	rBV6	4046	5624	0.25%	0.023%
55	16.103	2212	2215	2219	rVB4	3988	5035	0.22%	0.020%
56	16.162	2220	2225	2227	rBV5	8182	10852	0.48%	0.044%
57	16.397	2255	2265	2267	rVV4	30723	53816	2.39%	0.216%
58	16.421	2267	2269	2274	rVB	27029	33059	1.47%	0.133%
59	16.550	2287	2291	2293	rVV5	5233	7258	0.32%	0.029%
60	16.667	2307	2311	2315	rBV7	4780	9708	0.43%	0.039%
61	16.744	2320	2324	2327	rBV6	7960	10939	0.48%	0.044%
62	16.838	2336	2340	2346	rBV7	4918	8679	0.38%	0.035%
63	16.973	2359	2363	2367	rVV7	5854	10839	0.48%	0.044%
64	17.002	2367	2368	2372	rVB4	5361	5278	0.23%	0.021%
65	17.190	2395	2400	2404	rBV	23537	34025	1.51%	0.137%
66	17.249	2404	2410	2413	rVV4	16442	28817	1.28%	0.116%
67	17.437	2434	2442	2451	rBV	789381	1195354	52.98%	4.801%
68	17.537	2451	2459	2471	rVV	1168739	1849166	81.96%	7.427%
69	17.619	2471	2473	2479	rVV7	6272	11382	0.50%	0.046%
70	17.719	2487	2490	2496	rBV5	6622	13864	0.61%	0.056%
71	17.854	2509	2513	2518	rBV6	5041	8373	0.37%	0.034%

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72	17.931	2522	2526	2530	rVB	20729	26835	1.19%	0.108%
73	18.330	2589	2594	2599	rBV6	26640	55272	2.45%	0.222%
74	18.624	2640	2644	2651	rBV3	17895	23995	1.06%	0.096%
75	19.035	2710	2714	2716	rBV5	3491	4956	0.22%	0.020%
76	19.229	2744	2747	2748	rBV3	5249	5464	0.24%	0.022%
77	19.253	2748	2751	2755	rVV2	15303	18203	0.81%	0.073%
78	19.376	2768	2772	2775	rBV6	4330	6311	0.28%	0.025%
79	19.423	2777	2780	2782	rVV4	4555	5765	0.26%	0.023%
80	19.458	2782	2786	2794	rVB	18275	31009	1.37%	0.125%
81	19.711	2825	2829	2834	rBV	15202	22507	1.00%	0.090%
82	19.823	2841	2848	2863	rBV	1552528	2255372	99.96%	9.058%
83	20.328	2932	2934	2935	rBV2	6777	5927	0.26%	0.024%
84	20.357	2936	2939	2944	rVV3	20670	27377	1.21%	0.110%
85	20.410	2946	2948	2951	rVB4	9473	10335	0.46%	0.042%
86	20.857	3020	3024	3031	rVB5	19015	33138	1.47%	0.133%
87	21.021	3050	3052	3055	rBV4	6614	7814	0.35%	0.031%
88	21.368	3106	3111	3120	rBV2	126872	298853	13.25%	1.200%
89	21.438	3120	3123	3130	rVB	41790	65006	2.88%	0.261%
90	21.714	3164	3170	3184	rBV2	796447	1373900	60.89%	5.518%
91	21.920	3201	3205	3211	rVB3	27650	37949	1.68%	0.152%
92	22.061	3227	3229	3232	rBV4	5636	6013	0.27%	0.024%
93	22.543	3306	3311	3316	rBV2	44456	79556	3.53%	0.320%
94	23.248	3422	3431	3437	rVB4	66072	166286	7.37%	0.668%
95	23.442	3458	3464	3471	rVB2	64995	129226	5.73%	0.519%
96	24.071	3563	3571	3578	rBV	76815	172833	7.66%	0.694%
97	24.758	3676	3688	3709	rBV	752157	2256206	100.00%	9.062%
98	24.987	3717	3727	3734	rBV	444435	1288353	57.10%	5.175%
99	26.203	3926	3934	3947	rVB4	55793	178332	7.90%	0.716%
100	27.590	4164	4170	4182	rVB4	34571	113624	5.04%	0.456%

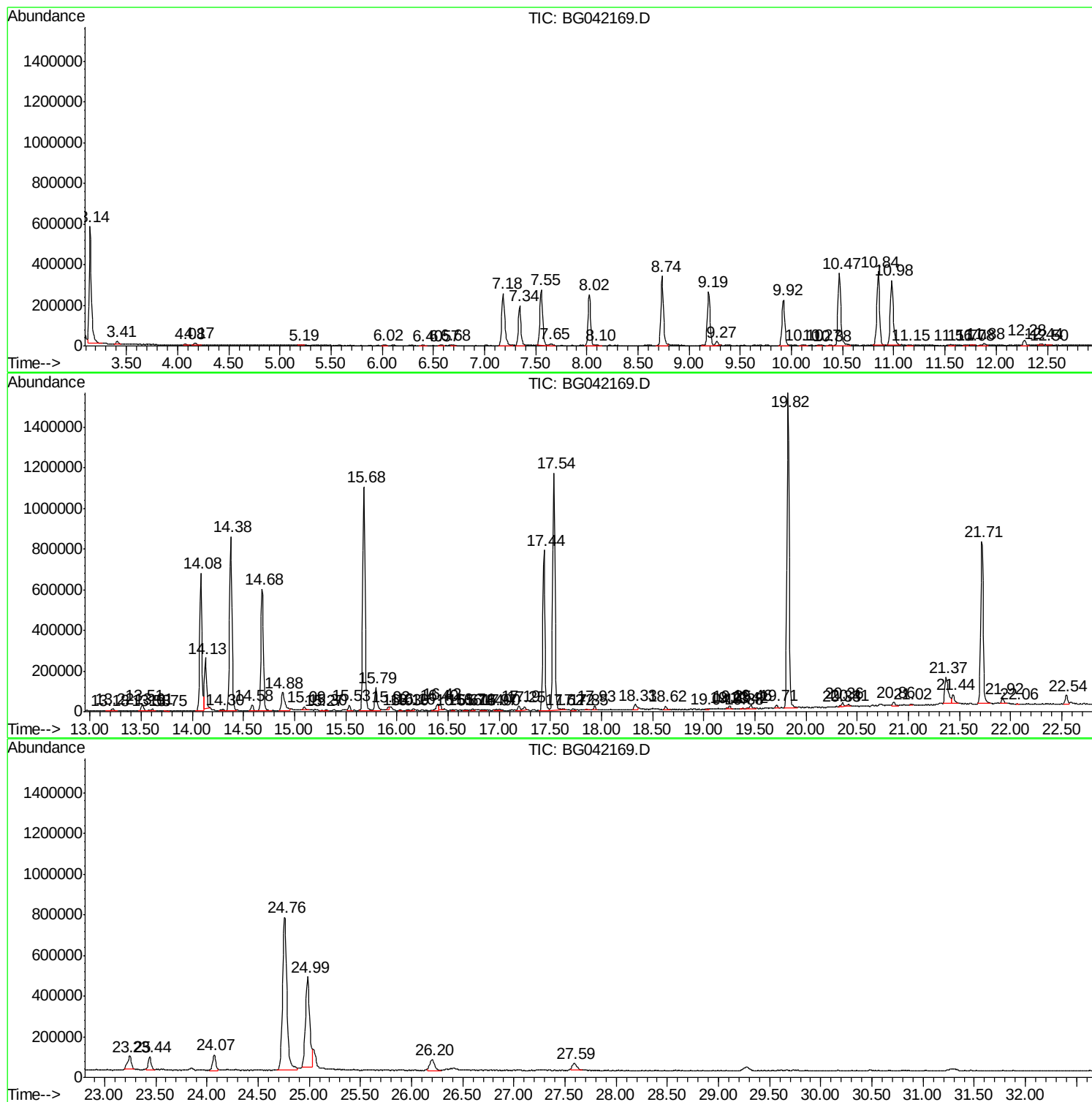
Sum of corrected areas: 24898045

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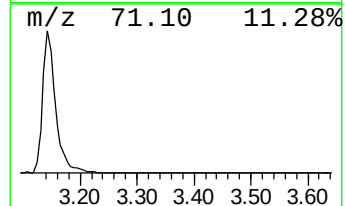
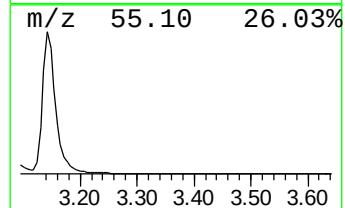
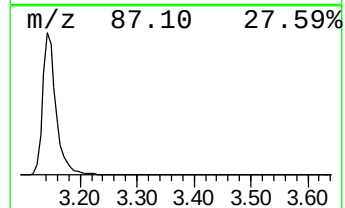
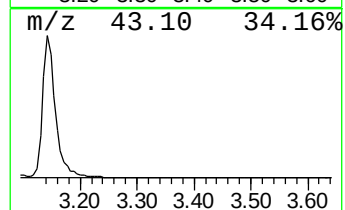
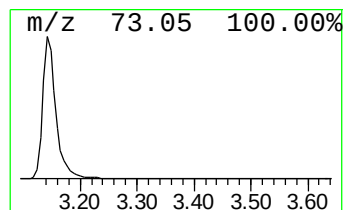
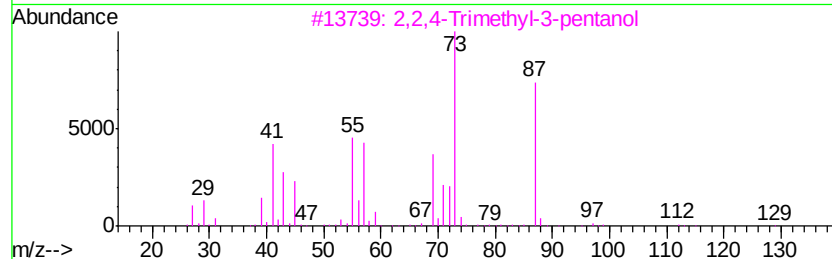
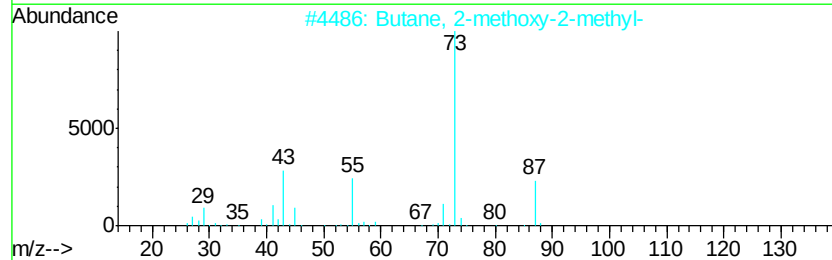
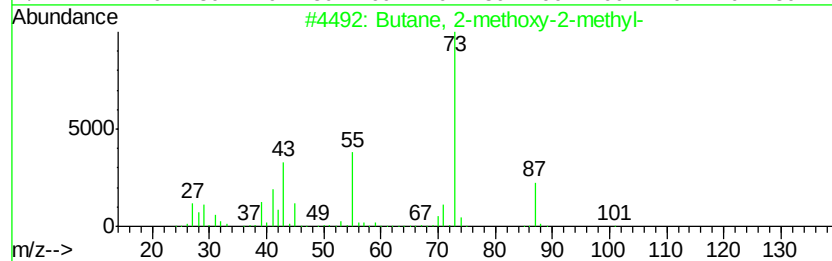
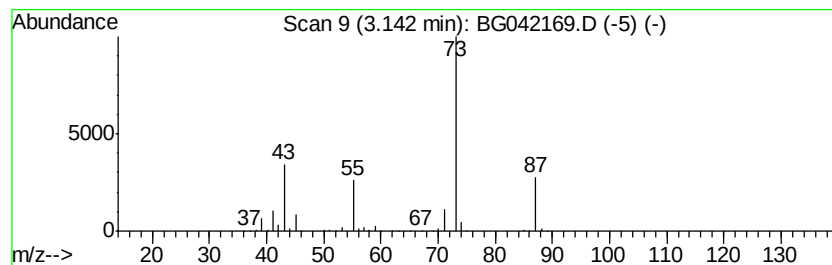
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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	41.83 ng/ul	924467	1,4-Dichlorobenzene-d4	8.02

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		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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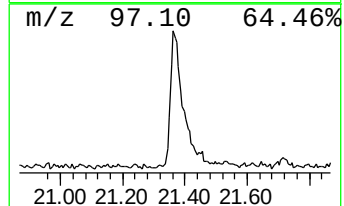
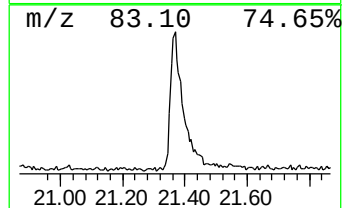
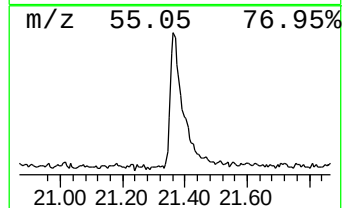
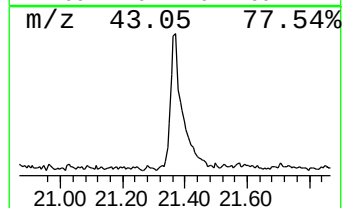
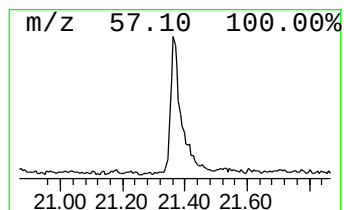
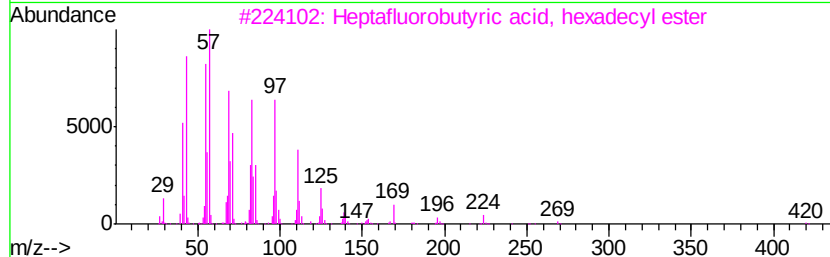
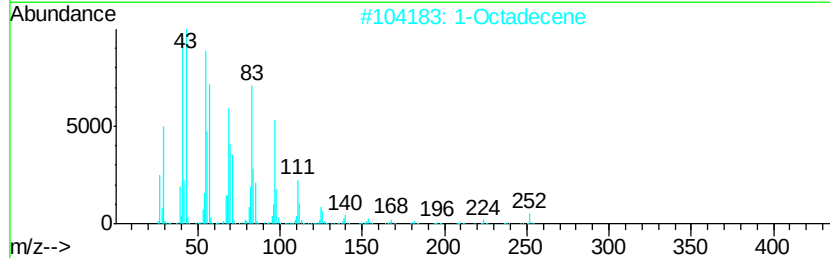
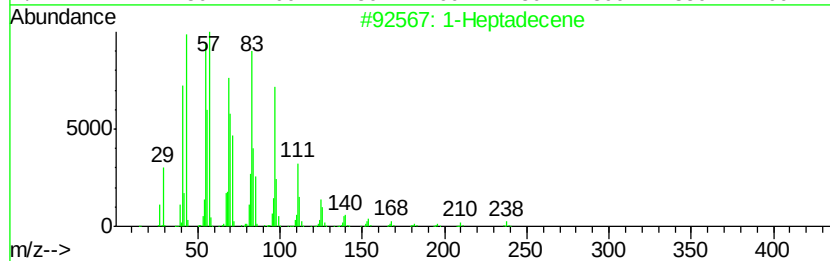
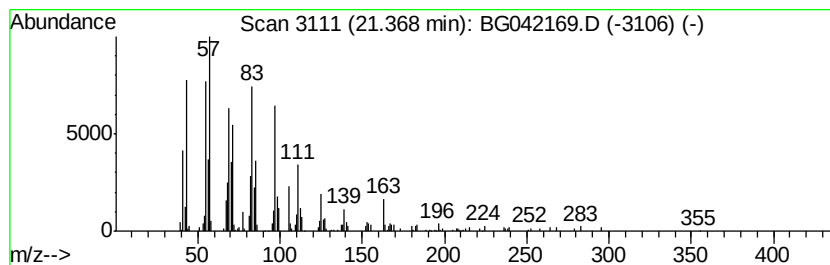
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Quant Title : SVOA CALIBRATION

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	4.35 ng/ul	298853	Chrysene-d12	21.71	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	95
2	1-Octadecene	252	C18H36	000112-88-9	95
3	Heptafluorobutvric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91



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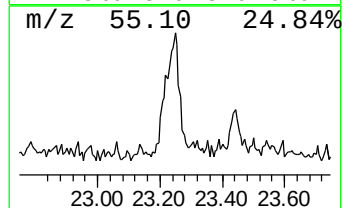
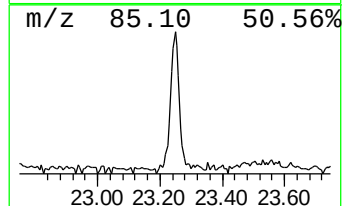
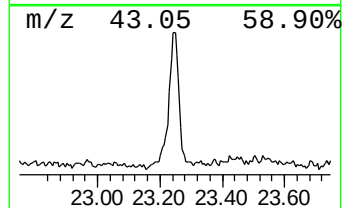
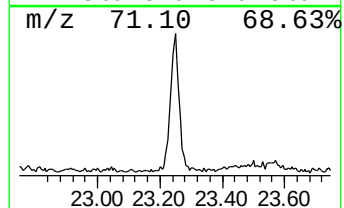
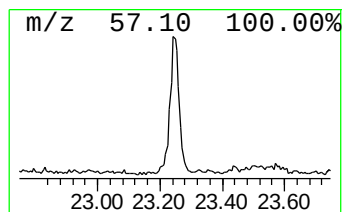
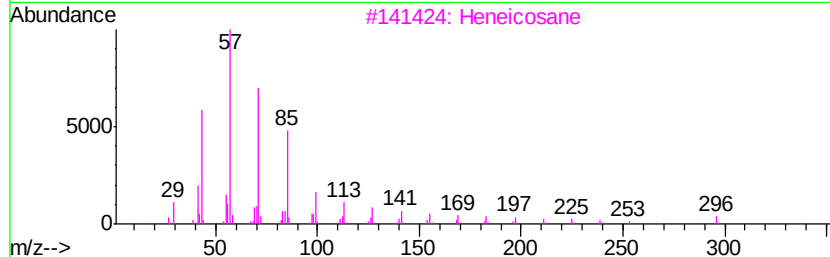
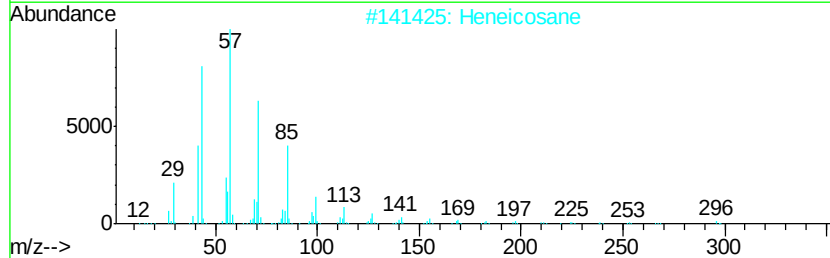
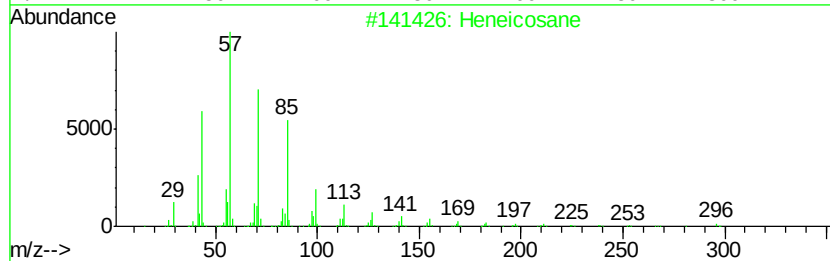
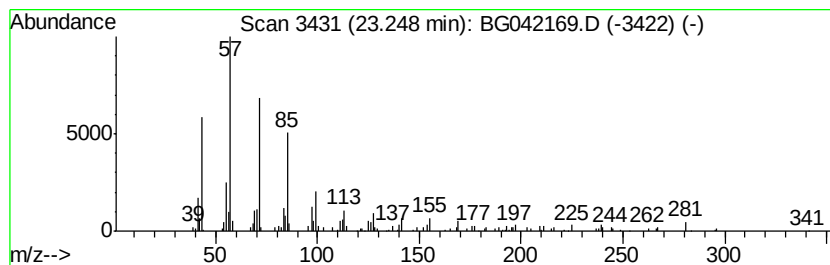
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	2.42 ng/ul	166286	Chrysene-d12	21.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Heneicosane	296	C21H44	000629-94-7	94
3		Heneicosane	296	C21H44	000629-94-7	93
4		Eicosane	282	C20H42	000112-95-8	90
5		Triacontane	422	C30H62	000638-68-6	90



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Data File : BG042169.D
Acq On : 13 Aug 2019 7:31
Operator : HP/JU
Sample : K4215-22
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOC6

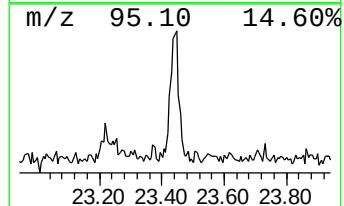
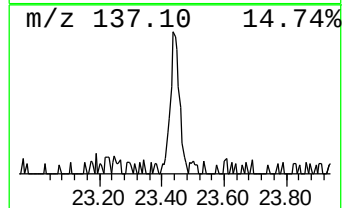
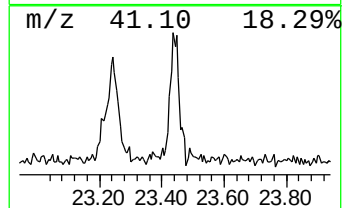
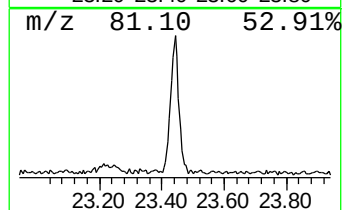
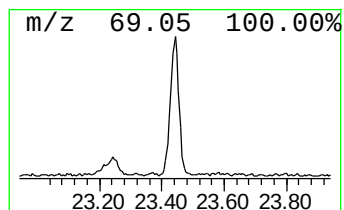
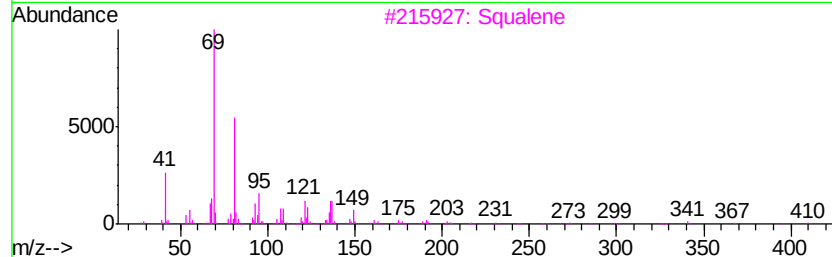
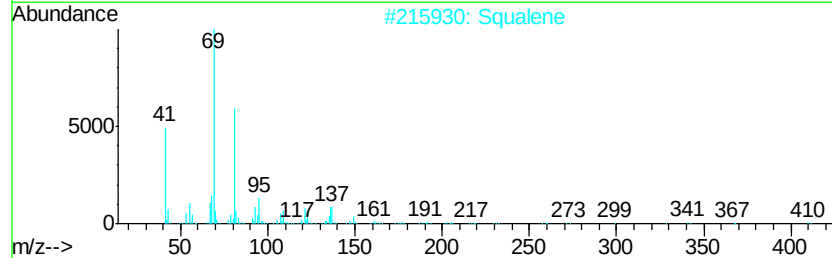
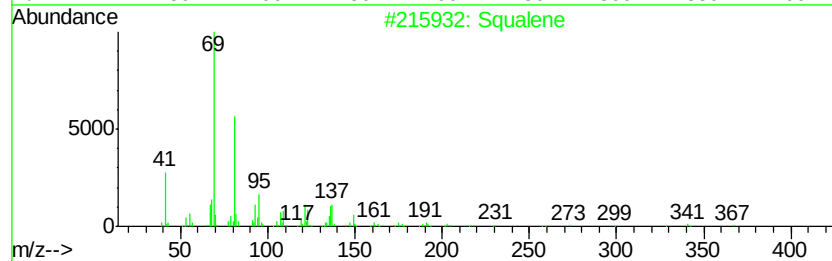
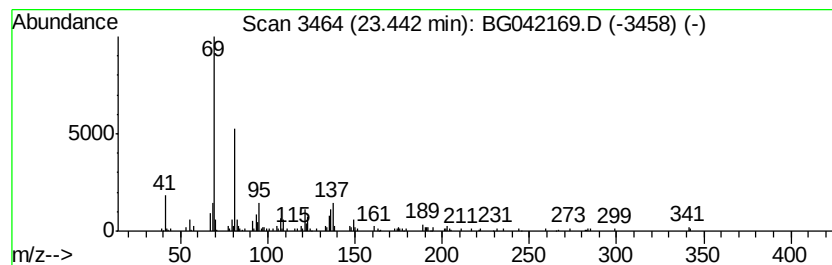
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.44	2.01 ng/ul	129226	Perylene-d12	24.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	90
2		Squalene	410	C30H50	000111-02-4	90
3		Squalene	410	C30H50	000111-02-4	90
4		Supraene	410	C30H50	007683-64-9	87
5		Squalene	410	C30H50	000111-02-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042169.D
Acq On : 13 Aug 2019 7:31
Operator : HP/JU
Sample : K4215-22
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOC6

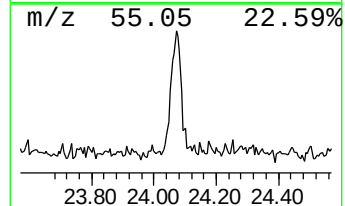
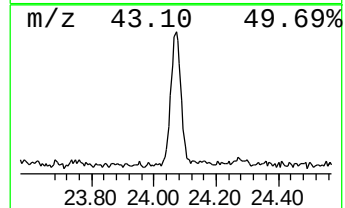
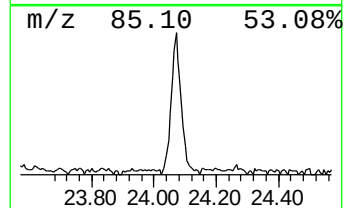
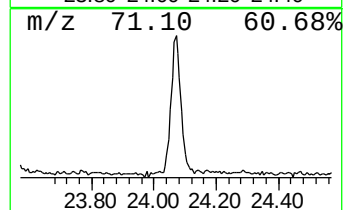
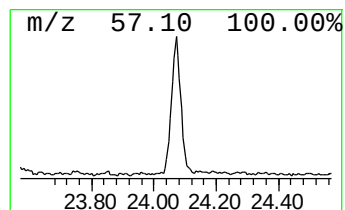
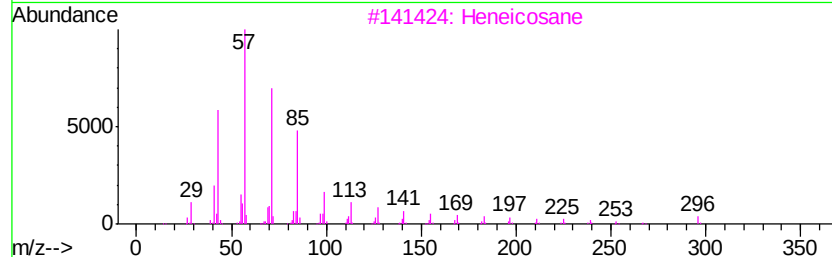
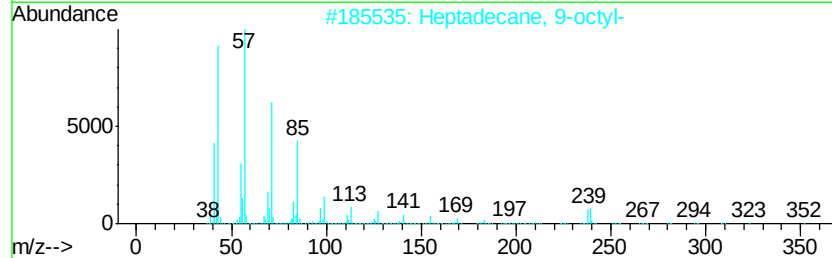
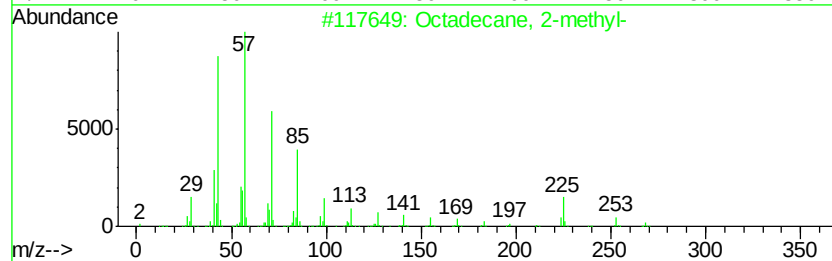
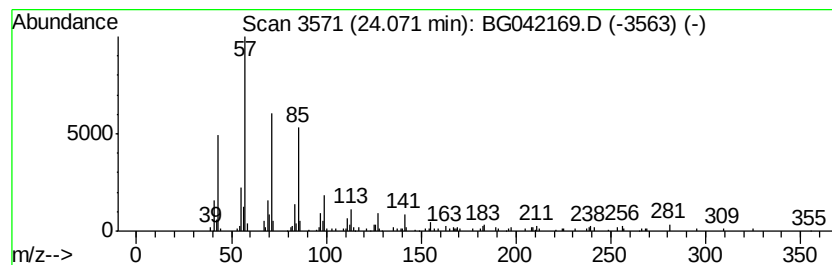
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	2.68 ng/ul	172833	Perylene-d12	24.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Docosane	310	C22H46	000629-97-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042169.D
Acq On : 13 Aug 2019 7:31
Operator : HP/JU
Sample : K4215-22
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOC6

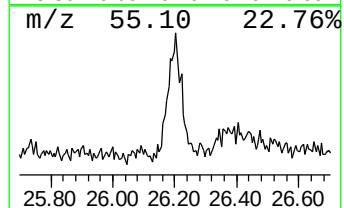
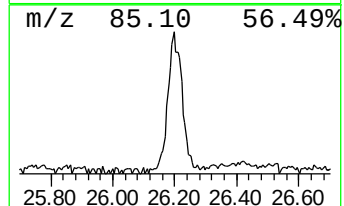
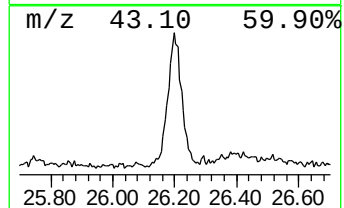
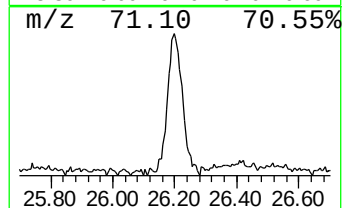
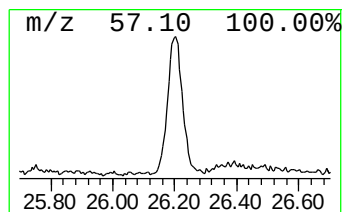
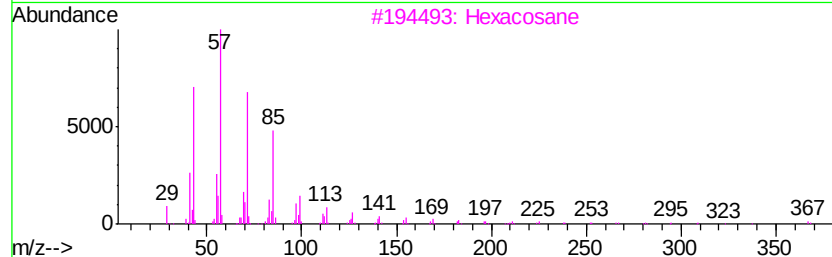
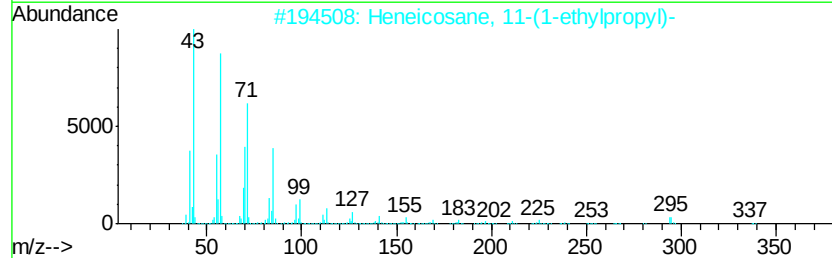
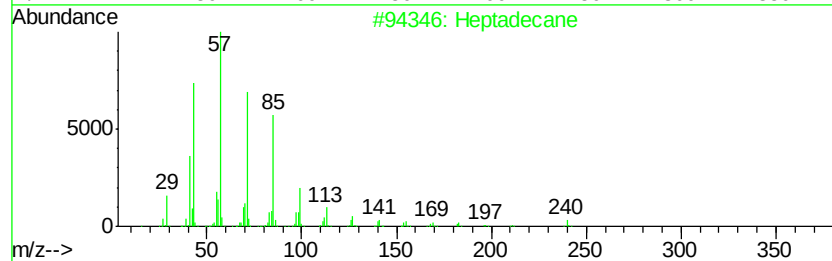
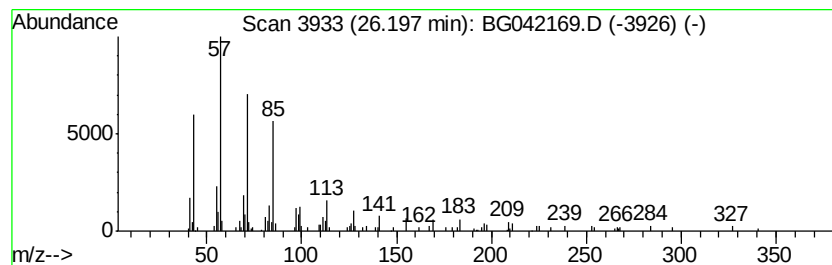
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.20	2.77 ng/ul	178332	Perylene-d12	24.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	96
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Tricosane	324	C23H48	000638-67-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081219\
Data File : BG042169.D
Acq On : 13 Aug 2019 7:31
Operator : HP/JU
Sample : K4215-22
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOC6

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	41.8	ng/ul	924467	1	8.02	441989	20.0
(DEL) Alkane: Cyc...	21.37	4.3	ng/ul	298853	5	21.71	1373900	20.0
(DEL) Alkane: Str...	23.25	2.4	ng/ul	166286	5	21.71	1373900	20.0
Squalene	23.44	2.0	ng/ul	129226	6	24.98	1288350	20.0
(DEL) Alkane: Str...	24.07	2.7	ng/ul	172833	6	24.98	1288350	20.0
(DEL) Alkane: Str...	26.20	2.8	ng/ul	178332	6	24.98	1288350	20.0