

Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
 Data File : BG028395.D
 Acq On : 21 Aug 2017 18:43
 Operator : SJ/JU
 Sample : I4713-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GC2

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	3.677	12	15	19	rBV2	3075	4311	0.24%	0.024%
2	3.830	36	41	49	rBV4	9840	18849	1.04%	0.104%
3	4.083	78	84	100	rVB2	16284	38807	2.13%	0.214%
4	4.423	138	142	147	rVB4	2485	3486	0.19%	0.019%
5	4.682	183	186	191	rVB2	2399	3883	0.21%	0.021%
6	4.735	191	195	198	rBV3	2098	3682	0.20%	0.020%
7	5.152	260	266	268	rBV3	2768	3382	0.19%	0.019%
8	5.246	279	282	286	rBV5	2936	4729	0.26%	0.026%
9	5.457	311	318	323	rBV5	4576	9872	0.54%	0.054%
10	5.687	354	357	362	rBV4	2359	3848	0.21%	0.021%
11	6.303	455	462	466	rBV4	1921	3371	0.19%	0.019%
12	6.421	476	482	487	rBV4	3034	4994	0.27%	0.027%
13	7.326	625	636	646	rBV5	5068	20982	1.15%	0.116%
14	7.496	656	665	679	rBV	178850	361799	19.87%	1.992%
15	7.655	683	692	704	rBV	137016	232781	12.79%	1.281%
16	7.872	722	729	741	rBV	168906	310543	17.06%	1.710%
17	8.342	801	809	820	rBV	126872	222098	12.20%	1.223%
18	9.036	920	927	942	rBV	228202	439483	24.14%	2.419%
19	9.512	998	1008	1018	rBV	188476	354904	19.50%	1.954%
20	9.600	1018	1023	1038	rVB4	13718	31779	1.75%	0.175%
21	10.234	1123	1131	1141	rVB2	166978	328219	18.03%	1.807%
22	10.669	1196	1205	1209	rBV5	2963	6238	0.34%	0.034%
23	10.781	1215	1224	1240	rBV	248219	481202	26.43%	2.649%
24	10.922	1244	1248	1255	rBV6	3793	7824	0.43%	0.043%
25	11.163	1281	1289	1299	rVB2	195033	367311	20.18%	2.022%
26	11.298	1299	1312	1324	rBV	227651	470743	25.86%	2.591%
27	12.320	1481	1486	1490	rVB3	3364	5625	0.31%	0.031%
28	12.531	1516	1522	1527	rVB2	2322	4320	0.24%	0.024%
29	12.731	1551	1556	1562	rBV3	4000	8163	0.45%	0.045%
30	12.772	1562	1563	1569	rVB2	2399	4295	0.24%	0.024%
31	13.231	1635	1641	1649	rVB4	2043	4703	0.26%	0.026%
32	13.301	1649	1653	1658	rBV6	3004	4731	0.26%	0.026%
33	13.548	1687	1695	1699	rVV4	3686	6242	0.34%	0.034%
34	13.601	1699	1704	1711	rVB7	5418	12264	0.67%	0.068%

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35	14.000	1764	1772	1775	rBV4	2781	3928	0.22%	0.022%
36	14.141	1793	1796	1804	rVB7	3326	7400	0.41%	0.041%
37	14.235	1804	1812	1814	rBV3	2461	5615	0.31%	0.031%
38	14.341	1818	1830	1834	rBV	631328	925489	50.84%	5.095%
39	14.388	1834	1838	1845	rVB	265365	388225	21.33%	2.137%
40	14.459	1846	1850	1854	rVB4	2636	4004	0.22%	0.022%
41	14.647	1875	1882	1897	rVB	589722	956370	52.54%	5.265%
42	14.805	1904	1909	1916	rVB5	6054	9602	0.53%	0.053%
43	14.952	1924	1934	1952	rVB2	352681	596937	32.79%	3.286%
44	15.146	1959	1967	1985	rBV2	186917	409907	22.52%	2.257%
45	15.328	1992	1998	2010	rBV8	23723	51541	2.83%	0.284%
46	15.422	2010	2014	2020	rVB6	4289	10074	0.55%	0.055%
47	15.634	2047	2050	2055	rVB5	2490	4332	0.24%	0.024%
48	15.710	2059	2063	2066	rVV4	6712	9841	0.54%	0.054%
49	15.745	2066	2069	2074	rVB4	13980	21564	1.18%	0.119%
50	15.939	2093	2102	2113	rVV	845283	1314922	72.23%	7.239%
51	16.057	2115	2122	2132	rBV	282693	466775	25.64%	2.570%
52	16.168	2136	2141	2148	rVB10	11436	29453	1.62%	0.162%
53	16.251	2150	2155	2158	rVB3	2747	3535	0.19%	0.019%
54	16.309	2160	2165	2168	rBV4	4015	5505	0.30%	0.030%
55	16.374	2174	2176	2180	rVB5	4225	4586	0.25%	0.025%
56	16.456	2185	2190	2193	rBV5	2707	4694	0.26%	0.026%
57	16.615	2210	2217	2228	rVB3	20904	40867	2.24%	0.225%
58	17.067	2289	2294	2300	rBV7	5727	13765	0.76%	0.076%
59	17.120	2301	2303	2306	rVB4	4466	5574	0.31%	0.031%
60	17.185	2310	2314	2317	rVB6	4228	4848	0.27%	0.027%
61	17.402	2346	2351	2357	rVB3	15167	20132	1.11%	0.111%
62	17.455	2357	2360	2363	rBV3	5104	7334	0.40%	0.040%
63	17.696	2393	2401	2411	rBV	501220	805667	44.26%	4.435%
64	17.796	2411	2418	2427	rVV	964391	1561622	85.78%	8.597%
65	17.878	2428	2432	2437	rVB5	8510	14166	0.78%	0.078%
66	17.943	2440	2443	2450	rVB6	4826	9229	0.51%	0.051%
67	17.990	2450	2451	2454	rBV3	3764	3478	0.19%	0.019%
68	18.037	2456	2459	2461	rBV4	2370	3388	0.19%	0.019%
69	18.143	2473	2477	2482	rBV3	11101	13023	0.72%	0.072%
70	18.319	2505	2507	2515	rVB6	4698	6856	0.38%	0.038%
71	18.425	2523	2525	2528	rBV2	3766	4169	0.23%	0.023%

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72	18.542	2539	2545	2556	rBV	92026	169003	9.28%	0.930%
73	18.683	2567	2569	2572	rVB4	3707	3494	0.19%	0.019%
74	18.830	2590	2594	2599	rBV5	7073	9467	0.52%	0.052%
75	18.959	2612	2616	2621	rVB7	3956	6760	0.37%	0.037%
76	19.071	2634	2635	2641	rBV6	3672	6379	0.35%	0.035%
77	19.447	2697	2699	2701	rVB3	5178	3356	0.18%	0.018%
78	19.670	2730	2737	2739	rBV7	13618	29633	1.63%	0.163%
79	19.805	2755	2760	2774	rBV3	51236	89580	4.92%	0.493%
80	19.970	2783	2788	2793	rVB2	16759	27262	1.50%	0.150%
81	20.076	2798	2806	2814	rBV	1175962	1820433	100.00%	10.022%
82	20.352	2849	2853	2855	rBV5	5623	8031	0.44%	0.044%
83	20.381	2855	2858	2861	rVB4	7063	8239	0.45%	0.045%
84	20.933	2947	2952	2962	rBV4	17244	37448	2.06%	0.206%
85	21.063	2969	2974	2977	rBV	16587	21064	1.16%	0.116%
86	21.098	2978	2980	2988	rVB9	9129	13138	0.72%	0.072%
87	21.298	3005	3014	3017	rBV9	13001	42615	2.34%	0.235%
88	21.362	3022	3025	3029	rVB5	12079	16452	0.90%	0.091%
89	21.597	3061	3065	3079	rBV10	17124	48356	2.66%	0.266%
90	22.026	3129	3138	3149	rBV	510822	938488	51.55%	5.166%
91	22.831	3271	3275	3279	rBV5	9966	15238	0.84%	0.084%
92	23.090	3317	3319	3323	rBV5	8892	8824	0.48%	0.049%
93	23.572	3395	3401	3410	rVB7	25460	52072	2.86%	0.287%
94	24.094	3488	3490	3498	rVB8	9640	16685	0.92%	0.092%
95	24.441	3544	3549	3556	rVB3	31147	66651	3.66%	0.367%
96	25.287	3681	3693	3707	rBV2	574227	1759755	96.67%	9.688%
97	25.528	3717	3734	3747	rVB3	284438	1000572	54.96%	5.508%
98	26.691	3924	3932	3943	rVB2	47622	147846	8.12%	0.814%
99	28.166	4174	4183	4195	rVB4	49426	184955	10.16%	1.018%
100	29.929	4473	4483	4484	rBV6	34503	75519	4.15%	0.416%

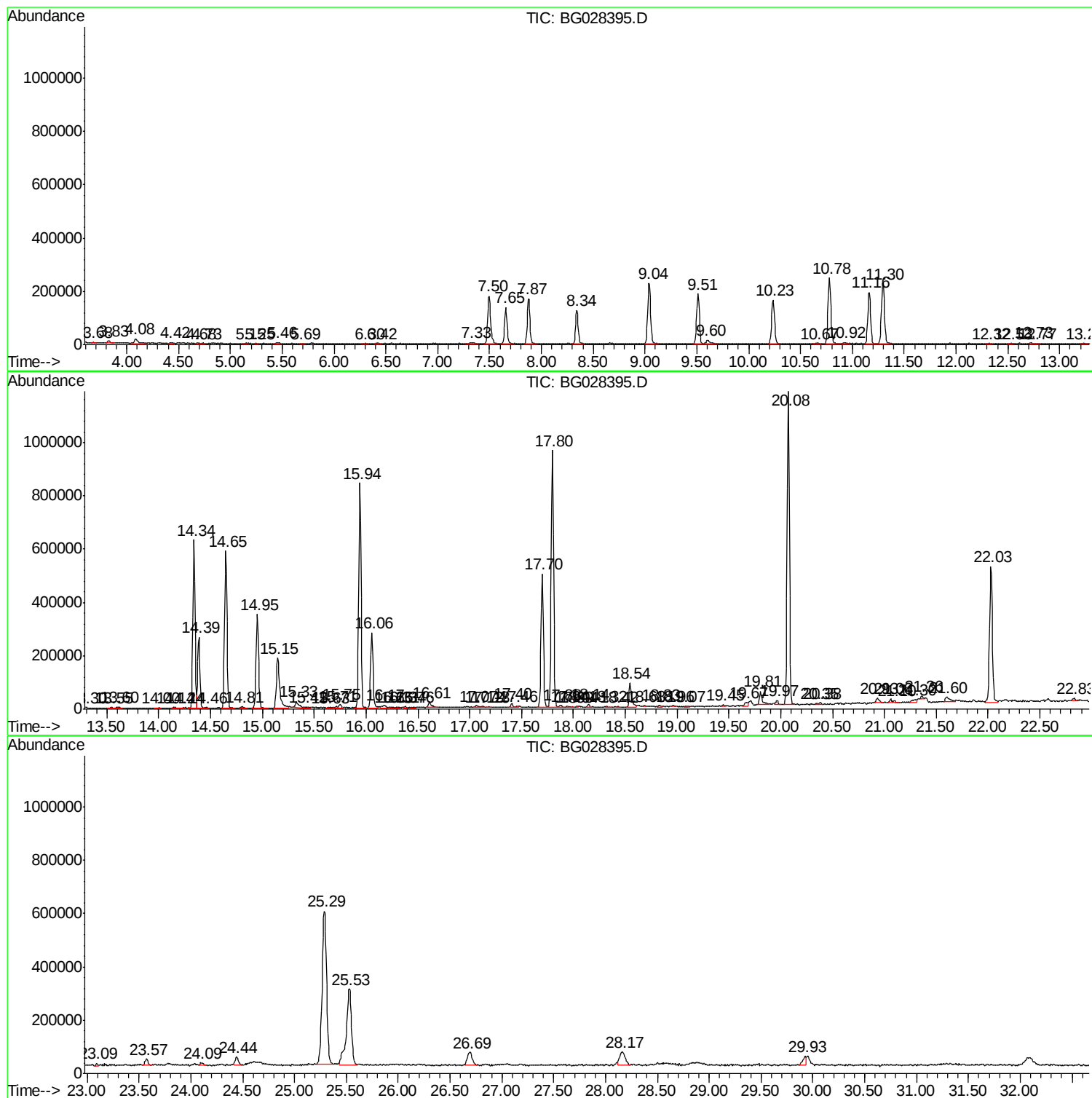
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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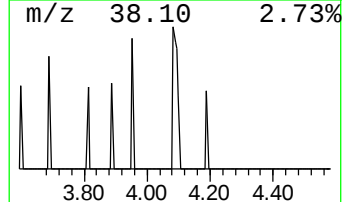
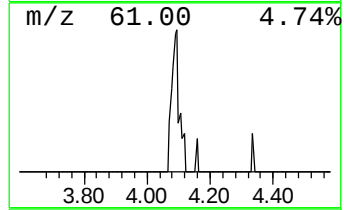
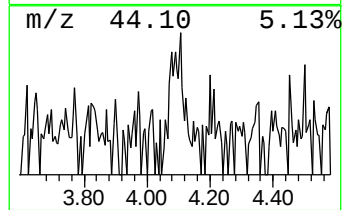
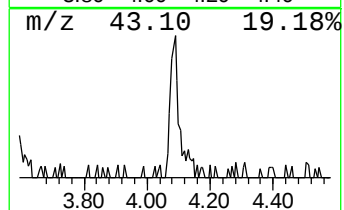
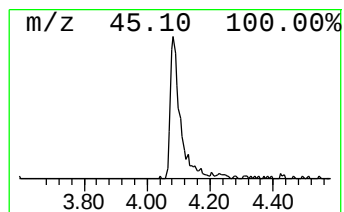
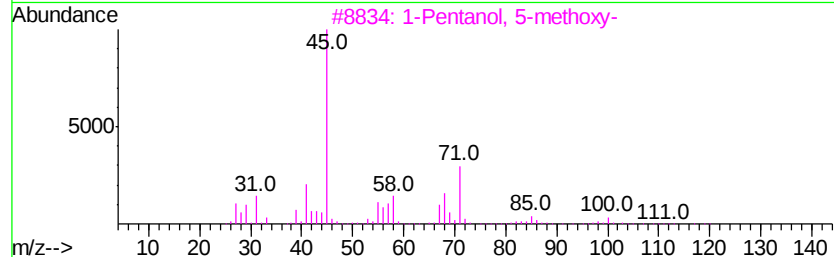
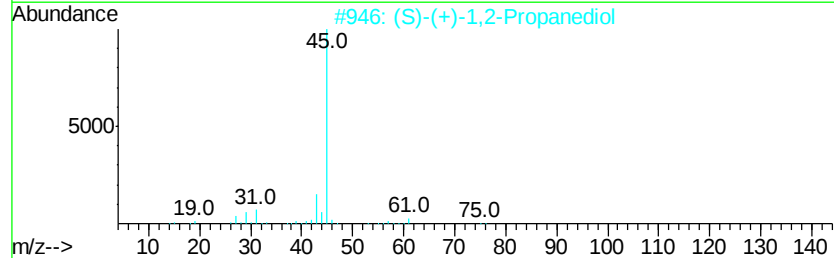
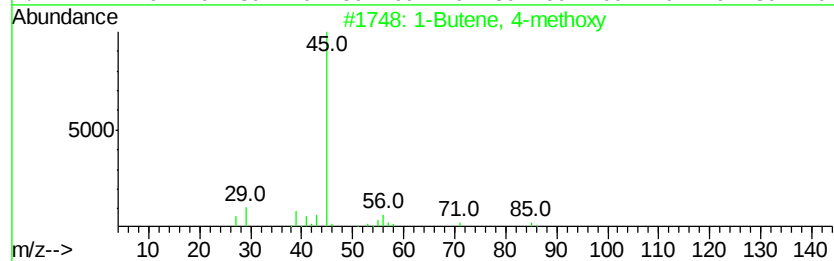
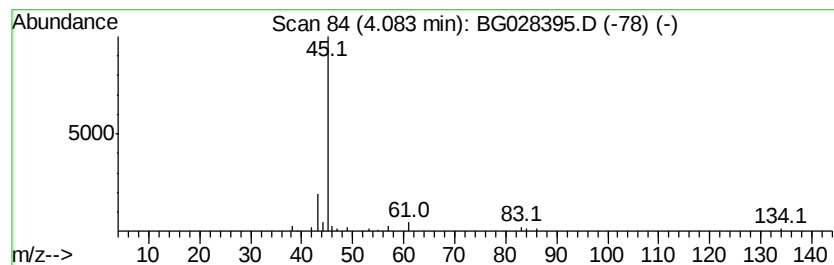
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Butene, 4-methoxy Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.08	3.49 ng/ul	38807	1,4-Dichlorobenzene-d4	8.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	50
2		(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
3		1-Pentanol, 5-methoxy-	118	C6H14O2	004799-62-6	9
4		2,2-Dichloroethyl methyl ether	128	C3H6Cl2O	034862-07-2	9
5		Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	002155-30-8	9



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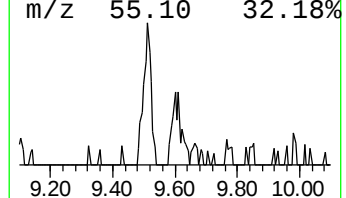
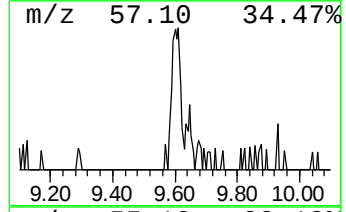
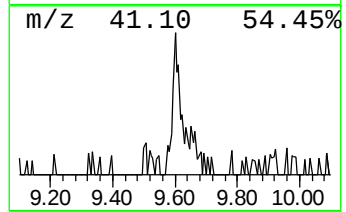
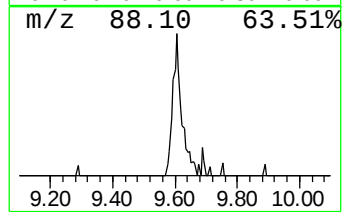
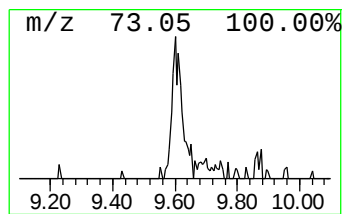
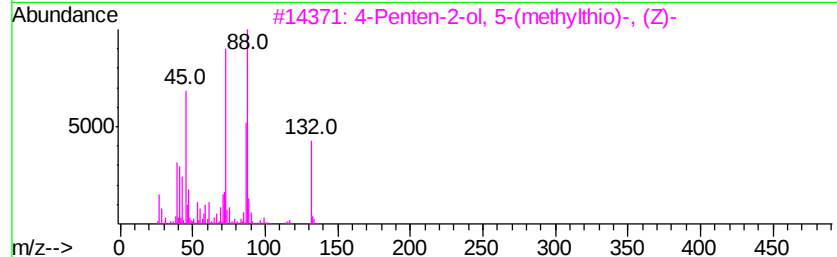
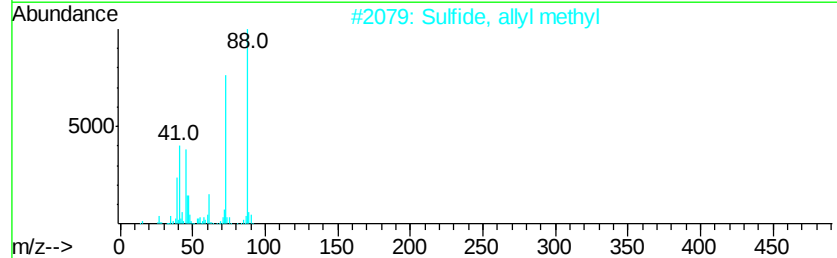
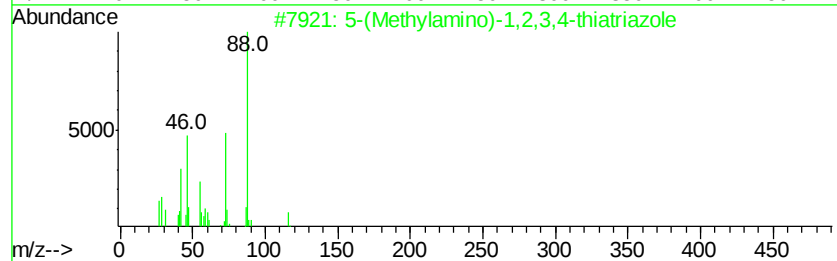
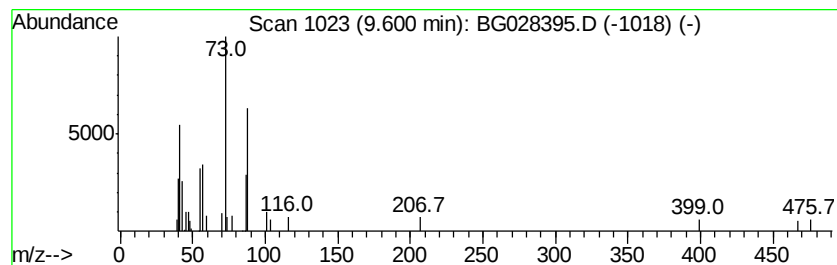
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	2.86 ng/ul	31779	1,4-Dichlorobenzene-d4	8.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-(Methylamino)-1,2,3,4-thiatria...	116	C2H4N4S	052098-72-3	47
2		Sulfide, allyl methyl	88	C4H8S	010152-76-8	47
3		4-Penten-2-ol, 5-(methylthio)-, ...	132	C6H12OS	097369-79-4	33
4		Methyl 4-O-acetyl-2,3-di-O-methy...	248	C11H20O6	072945-56-3	12
5		iso-Butyl aldehyde propylene gly...	130	C7H14O2	1000285-03-0	10



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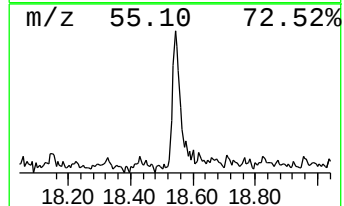
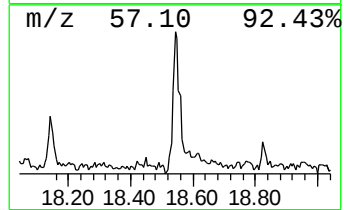
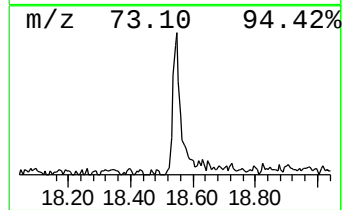
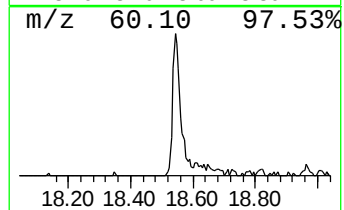
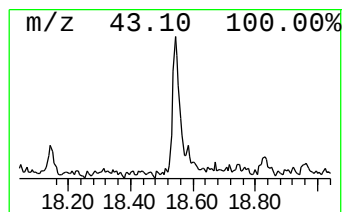
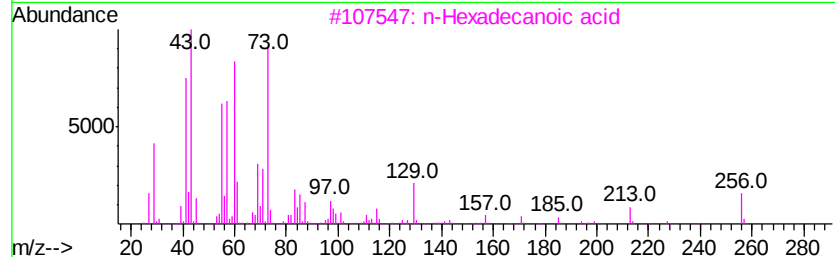
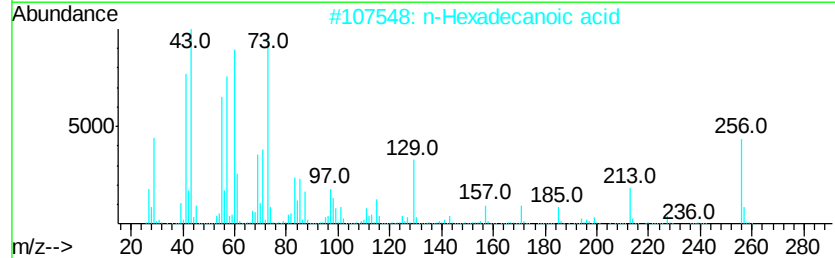
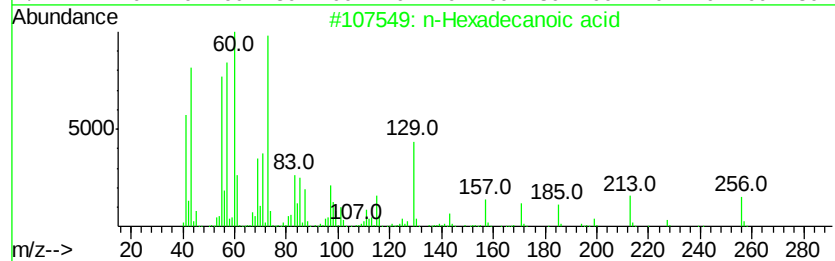
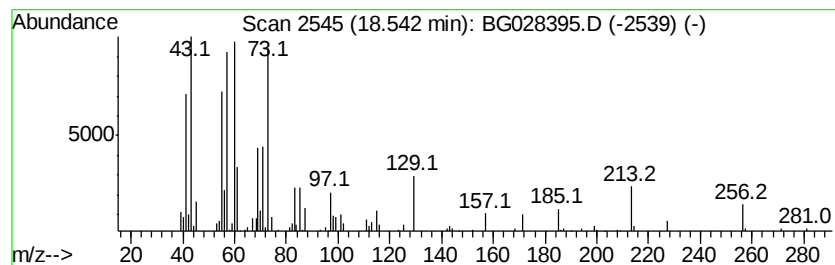
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	4.20 ng/ul	169003	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4		Dodecanoic acid	200	C12H24O2	000143-07-7	64
5		Dodecanoic acid	200	C12H24O2	000143-07-7	58



Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028395.D
Acq On : 21 Aug 2017 18:43
Operator : SJ/JU
Sample : I4713-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
E7GC2

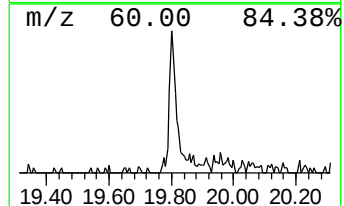
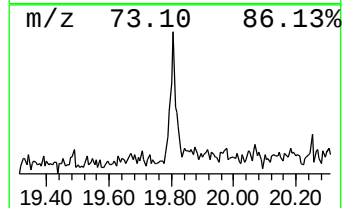
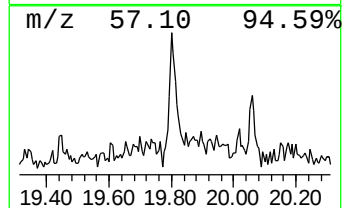
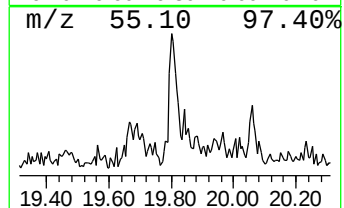
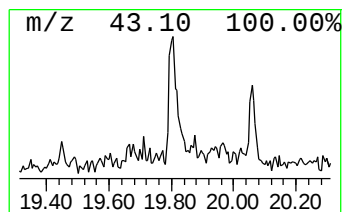
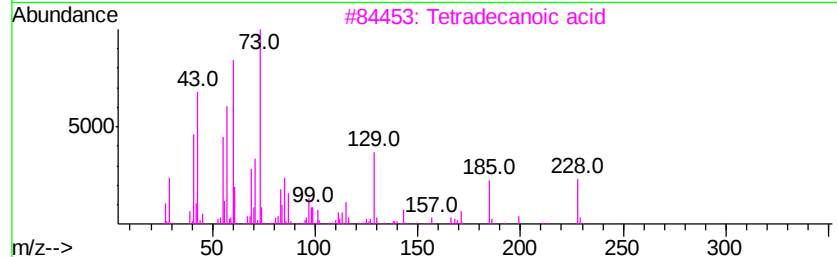
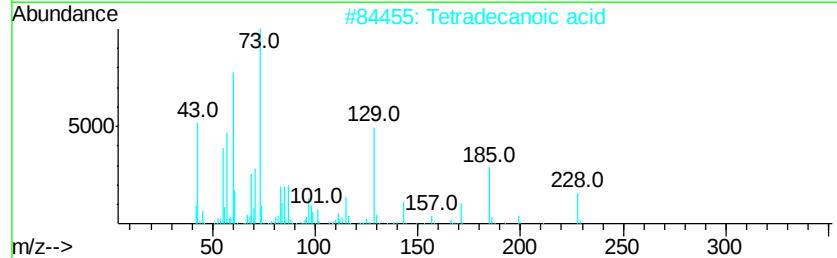
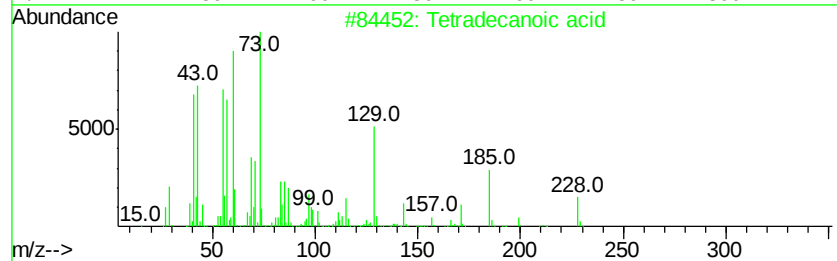
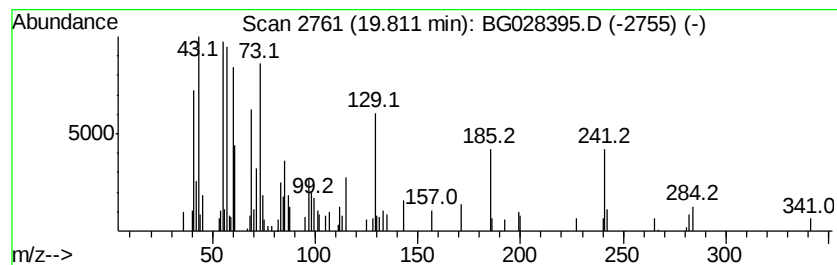
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	2.22 ng/ul	89580	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	59



Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028395.D
Acq On : 21 Aug 2017 18:43
Operator : SJ/JU
Sample : I4713-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GC2

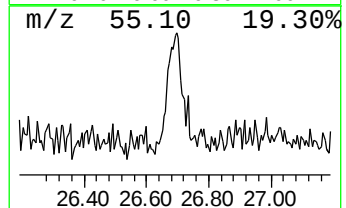
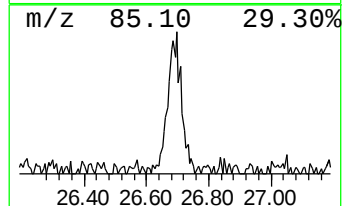
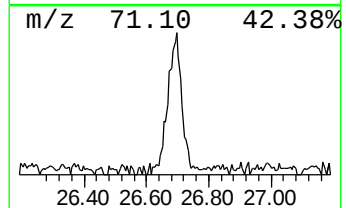
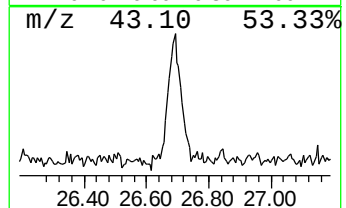
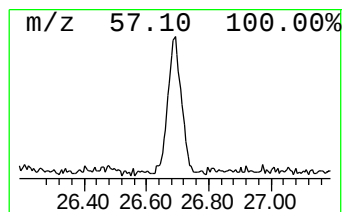
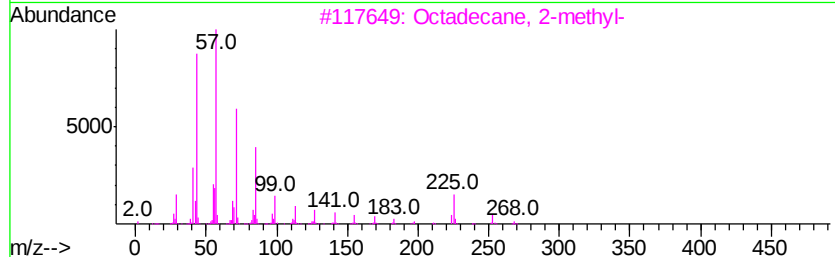
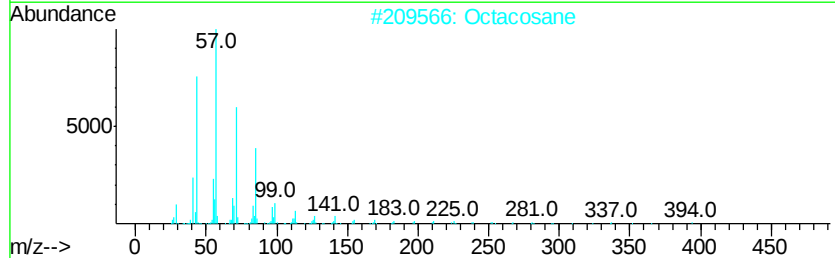
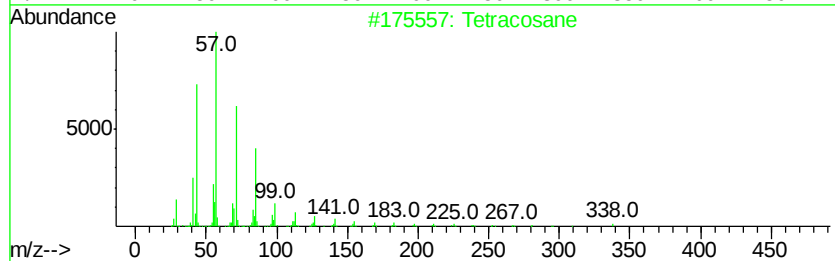
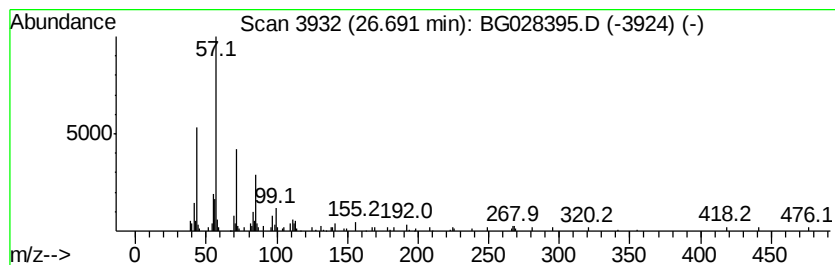
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.69	2.96 ng/ul	147846	Perylene-d12	25.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	74
2			Octacosane	394	C28H58	000630-02-4	74
3			Octadecane, 2-methyl-	268	C19H40	001560-88-9	72
4			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	72
5			Nonadecane	268	C19H40	000629-92-5	68



Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
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Sample : I4713-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GC2

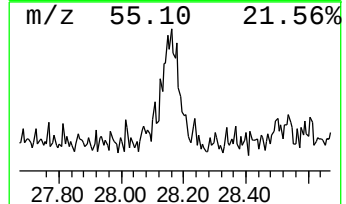
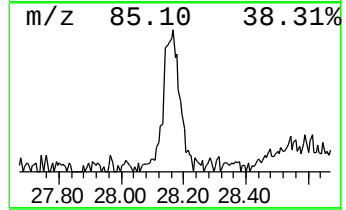
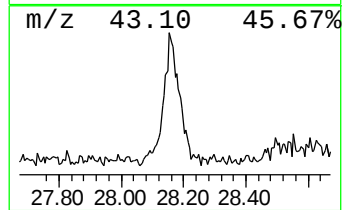
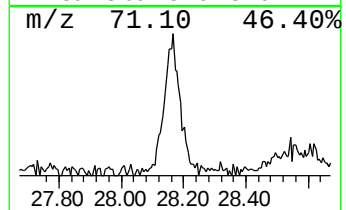
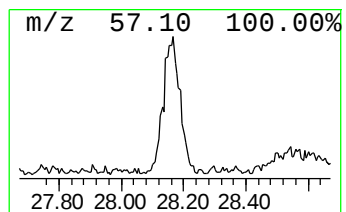
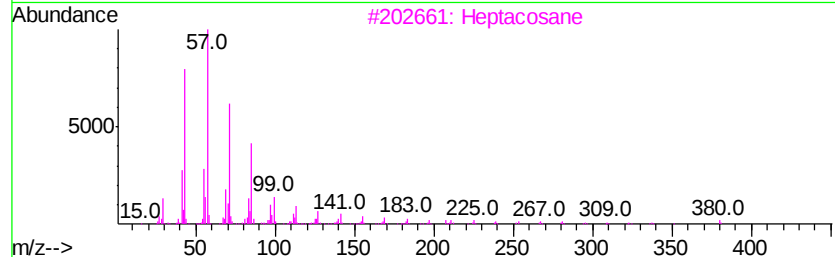
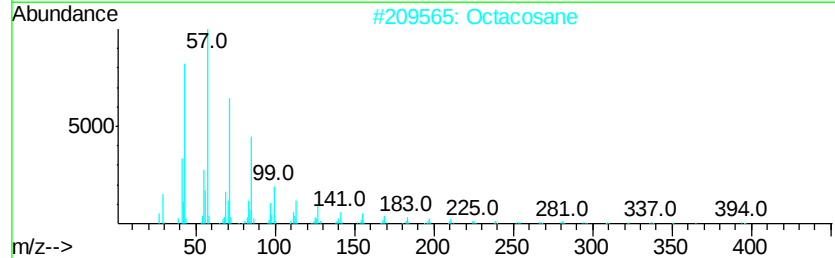
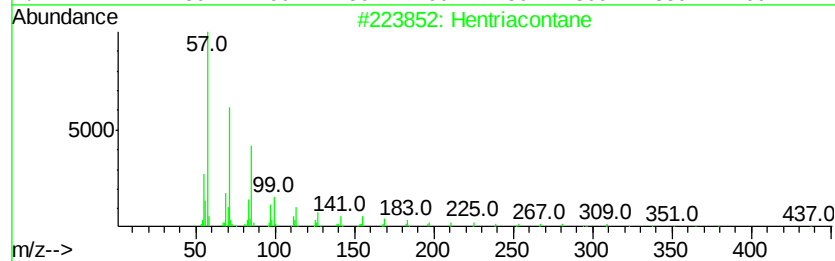
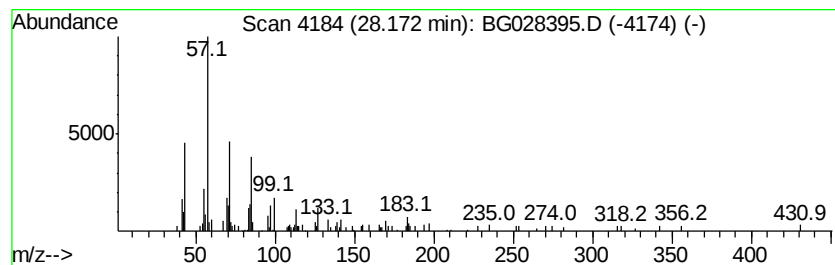
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.17	3.70 ng/ul	184955	Perylene-d12	25.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	87
2			Octacosane	394	C28H58	000630-02-4	87
3			Heptacosane	380	C27H56	000593-49-7	87
4			Hexacosane	366	C26H54	000630-01-3	83
5			Tetratetracontane	619	C44H90	007098-22-8	83



Data Path : U:\HPCHEM1\BNA_G\DATA\BG082117\
Data File : BG028395.D
Acq On : 21 Aug 2017 18:43
Operator : SJ/JU
Sample : I4713-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GC2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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
1-Butene, 4-methoxy	4.08	3.5	ng/ul	38807	1	8.34	222098	20.0
unknown-01	9.60	2.9	ng/ul	31779	1	8.34	222098	20.0
n-Hexadecanoic acid	18.54	4.2	ng/ul	169003	4	17.70	805667	20.0
Tetradecanoic acid	19.81	2.2	ng/ul	89580	4	17.70	805667	20.0
(DEL) Alkane: Str...	26.69	3.0	ng/ul	147846	6	25.53	1000570	20.0
(DEL) Alkane: Str...	28.17	3.7	ng/ul	184955	6	25.53	1000570	20.0