

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
 Data File : BG022085.D
 Acq On : 26 May 2016 17:44
 Operator : UM/SJ
 Sample : H3201-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZH5

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.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	7.115	723	728	729	rBV5	2944	4245	0.56%	0.065%
2	7.233	740	748	754	rBV3	5377	10526	1.39%	0.162%
3	7.309	754	761	766	rVV4	7334	19823	2.62%	0.305%
4	7.356	766	769	776	rVB3	7131	13517	1.78%	0.208%
5	7.468	782	788	797	rBV	33778	72098	9.52%	1.108%
6	7.685	820	825	833	rVB4	5019	10218	1.35%	0.157%
7	7.791	835	843	850	rVV	12016	22146	2.92%	0.340%
8	8.155	892	905	918	rVV	108434	239113	31.57%	3.675%
9	8.261	918	923	930	rVV2	8187	15669	2.07%	0.241%
10	8.367	936	941	947	rBV5	3909	8970	1.18%	0.138%
11	8.637	980	987	990	rBV5	3185	6517	0.86%	0.100%
12	8.690	990	996	1006	rVB7	6134	18056	2.38%	0.278%
13	8.790	1006	1013	1020	rBV4	13748	32897	4.34%	0.506%
14	8.866	1020	1026	1034	rVV	25111	52124	6.88%	0.801%
15	9.154	1070	1075	1082	rVB5	3671	7131	0.94%	0.110%
16	9.254	1088	1092	1098	rVB	11194	19669	2.60%	0.302%
17	9.325	1098	1104	1116	rBV	40657	101286	13.37%	1.557%
18	9.595	1142	1150	1154	rBV6	3549	8668	1.14%	0.133%
19	9.783	1176	1182	1188	rBV4	7050	12332	1.63%	0.190%
20	9.848	1188	1193	1199	rVV	10292	17797	2.35%	0.274%
21	10.030	1219	1224	1225	rVV4	2881	4396	0.58%	0.068%
22	10.083	1228	1233	1236	rVV6	6666	12549	1.66%	0.193%
23	10.159	1239	1246	1250	rVV3	9039	18394	2.43%	0.283%
24	10.218	1250	1256	1262	rVV7	5534	13864	1.83%	0.213%
25	10.288	1264	1268	1272	rVV4	3299	6906	0.91%	0.106%
26	10.359	1272	1280	1286	rVV5	13720	31713	4.19%	0.487%
27	10.429	1288	1292	1295	rVV4	4941	7893	1.04%	0.121%
28	10.470	1295	1299	1303	rVV7	2957	6128	0.81%	0.094%
29	10.535	1304	1310	1316	rVB6	6055	12597	1.66%	0.194%
30	10.605	1318	1322	1326	rBV5	2249	4622	0.61%	0.071%
31	10.658	1326	1331	1338	rVB4	6361	14158	1.87%	0.218%
32	10.917	1370	1375	1376	rVV4	9065	12478	1.65%	0.192%
33	10.976	1377	1385	1398	rVV	202559	444044	58.62%	6.825%
34	11.111	1400	1408	1416	rVV	54159	123760	16.34%	1.902%

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35	11.169	1416	1418	1425	rVB5	9579	17482	2.31%	0.269%
36	11.669	1497	1503	1508	rVB8	5661	11981	1.58%	0.184%
37	11.781	1517	1522	1526	rBV2	3890	5607	0.74%	0.086%
38	11.863	1528	1536	1537	rBV3	7377	9535	1.26%	0.147%
39	11.963	1545	1553	1557	rBV3	10473	21523	2.84%	0.331%
40	12.004	1557	1560	1564	rVV5	3996	6695	0.88%	0.103%
41	12.063	1567	1570	1576	rVB4	6944	11098	1.47%	0.171%
42	12.157	1581	1586	1587	rBV2	3926	4688	0.62%	0.072%
43	12.356	1612	1620	1625	rBV3	14985	29141	3.85%	0.448%
44	12.439	1630	1634	1638	rVV6	3276	5115	0.68%	0.079%
45	12.556	1649	1654	1655	rVV5	4452	6306	0.83%	0.097%
46	12.585	1655	1659	1663	rVB3	7070	11404	1.51%	0.175%
47	12.621	1663	1665	1673	rVB7	3092	4706	0.62%	0.072%
48	12.832	1697	1701	1704	rBV5	2755	5047	0.67%	0.078%
49	12.973	1721	1725	1731	rBV7	4738	11386	1.50%	0.175%
50	13.044	1734	1737	1742	rVV7	3610	6233	0.82%	0.096%
51	13.138	1748	1753	1754	rVV4	3759	5313	0.70%	0.082%
52	13.155	1754	1756	1761	rVV4	4743	6017	0.79%	0.092%
53	13.238	1766	1770	1774	rVV6	3007	5663	0.75%	0.087%
54	13.296	1774	1780	1788	rVV5	12875	23034	3.04%	0.354%
55	13.578	1821	1828	1833	rBV	21166	39300	5.19%	0.604%
56	13.655	1837	1841	1843	rBV4	4175	6418	0.85%	0.099%
57	13.714	1848	1851	1857	rVB7	3535	5762	0.76%	0.089%
58	13.819	1865	1869	1874	rBV6	2287	4669	0.62%	0.072%
59	14.172	1921	1929	1934	rBV	125313	226608	29.92%	3.483%
60	14.219	1934	1937	1944	rVV2	61095	107658	14.21%	1.655%
61	14.278	1944	1947	1951	rVB6	6185	9072	1.20%	0.139%
62	14.342	1957	1958	1962	rVB4	4861	5335	0.70%	0.082%
63	14.477	1974	1981	1993	rVB	182112	328061	43.31%	5.043%
64	14.601	1997	2002	2006	rBV6	6303	12144	1.60%	0.187%
65	14.648	2006	2010	2015	rVV	24515	34599	4.57%	0.532%
66	14.724	2018	2023	2024	rBV4	5555	7068	0.93%	0.109%
67	14.777	2025	2032	2042	rVV2	328406	589327	77.80%	9.058%
68	14.971	2064	2065	2072	rVB6	8515	13524	1.79%	0.208%
69	15.088	2075	2085	2086	rBV7	7273	14943	1.97%	0.230%
70	15.147	2092	2095	2101	rVB8	5518	9253	1.22%	0.142%
71	15.194	2101	2103	2108	rVB5	3534	4745	0.63%	0.073%

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72	15.259	2108	2114	2122	rBV7	13851	32620	4.31%	0.501%
73	15.388	2131	2136	2140	rBV7	9862	20098	2.65%	0.309%
74	15.494	2150	2154	2159	rVB7	5748	9354	1.23%	0.144%
75	15.558	2159	2165	2166	rBV5	11241	15594	2.06%	0.240%
76	15.594	2167	2171	2176	rVB	38238	52786	6.97%	0.811%
77	15.652	2176	2181	2184	rBV6	5724	9956	1.31%	0.153%
78	15.764	2194	2200	2208	rBV	225183	390774	51.59%	6.006%
79	15.999	2234	2240	2244	rBV	27885	46792	6.18%	0.719%
80	16.093	2253	2256	2260	rBV5	6519	8816	1.16%	0.136%
81	16.146	2263	2265	2269	rVV5	4626	6181	0.82%	0.095%
82	16.217	2273	2277	2282	rVB8	10510	18996	2.51%	0.292%
83	16.258	2282	2284	2288	rBV4	3752	6210	0.82%	0.095%
84	16.475	2313	2321	2327	rBV4	55000	142802	18.85%	2.195%
85	16.587	2336	2340	2341	rBV4	3585	5034	0.66%	0.077%
86	16.798	2371	2376	2378	rBV6	8642	12985	1.71%	0.200%
87	16.851	2383	2385	2393	rVB7	9743	15874	2.10%	0.244%
88	16.910	2393	2395	2398	rVB4	4720	4683	0.62%	0.072%
89	16.957	2401	2403	2408	rVB5	9617	13256	1.75%	0.204%
90	17.033	2411	2416	2419	rBV7	12475	23133	3.05%	0.356%
91	17.245	2448	2452	2456	rBV2	29251	41294	5.45%	0.635%
92	17.298	2456	2461	2466	rVB2	51145	82606	10.91%	1.270%
93	17.521	2492	2499	2510	rBV	345807	634765	83.80%	9.757%
94	17.621	2510	2516	2522	rVV	228878	376751	49.74%	5.791%
95	17.985	2574	2578	2584	rVB2	31479	43538	5.75%	0.669%
96	19.125	2769	2772	2778	rVB2	66474	105317	13.90%	1.619%
97	19.242	2789	2792	2797	rVB2	57437	87698	11.58%	1.348%
98	19.900	2899	2904	2912	rVB2	248334	416996	55.05%	6.410%
99	20.041	2925	2928	2929	rBV	82490	90742	11.98%	1.395%
100	21.804	3223	3228	3240	rVB	357648	757472	100.00%	11.643%

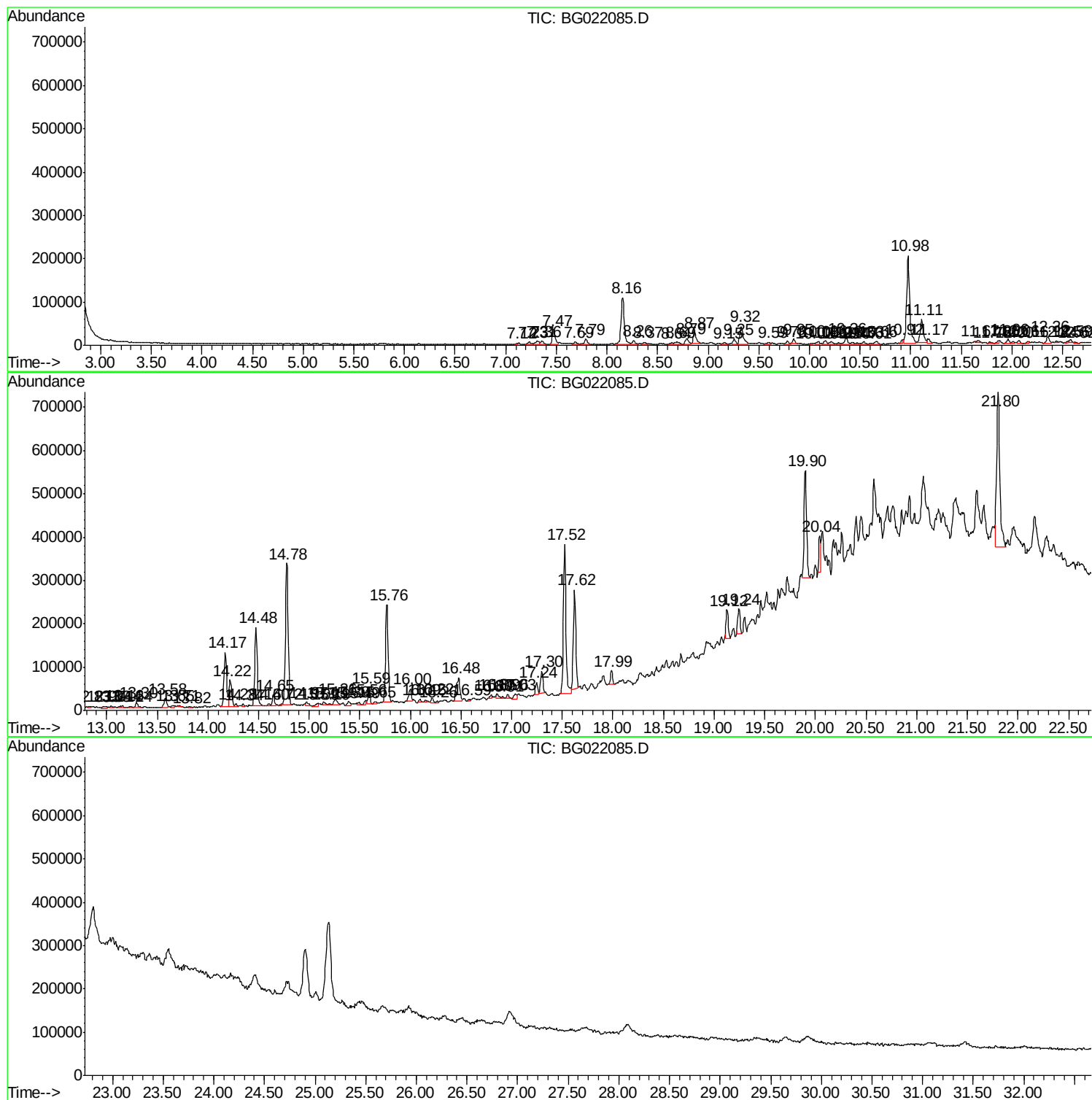
Sum of corrected areas: 6505887

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

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



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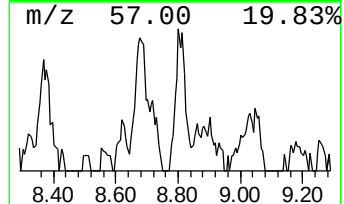
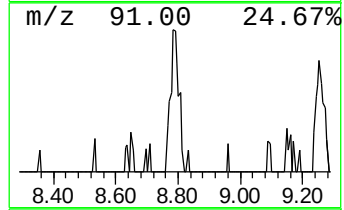
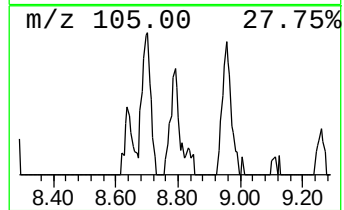
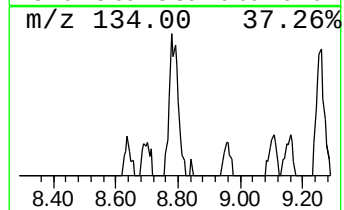
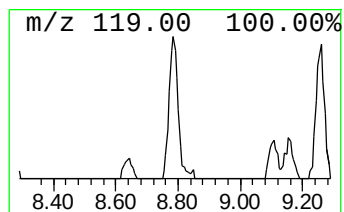
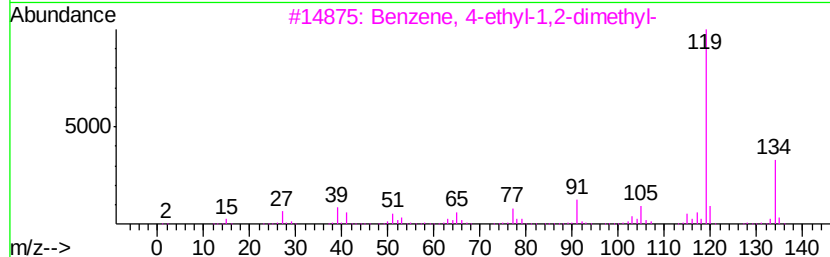
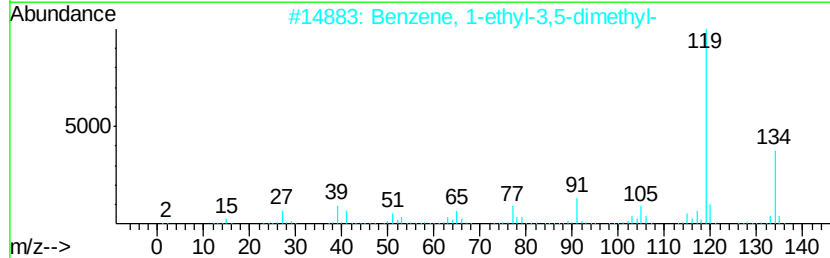
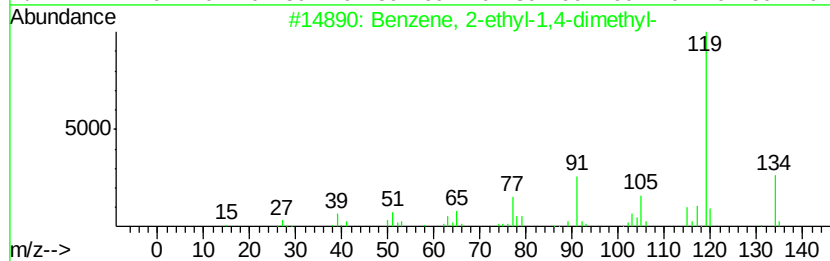
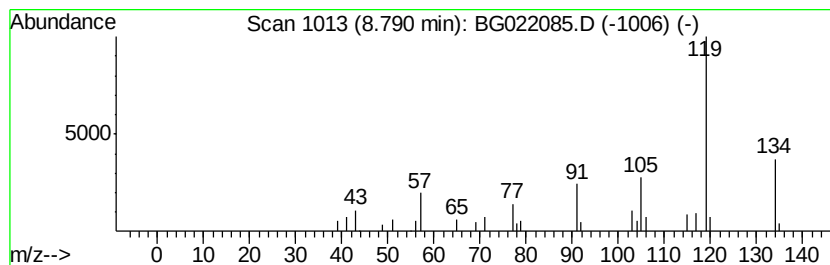
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	2.75 ng/ul	32897	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
5		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87



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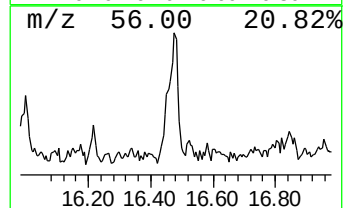
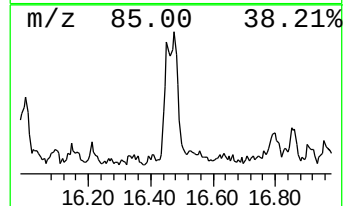
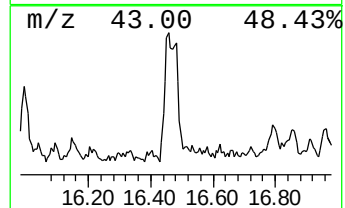
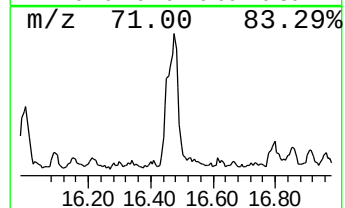
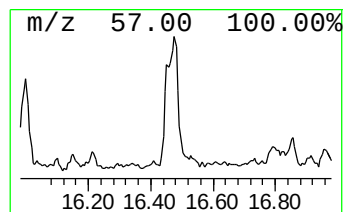
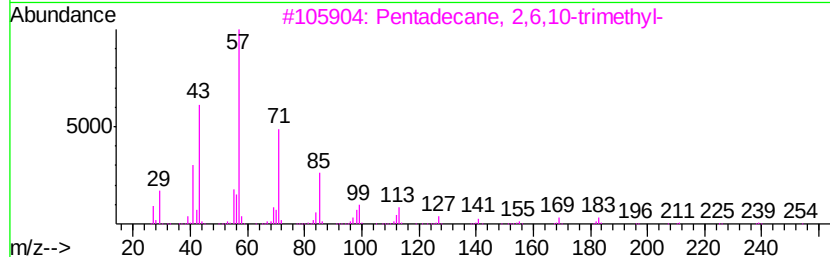
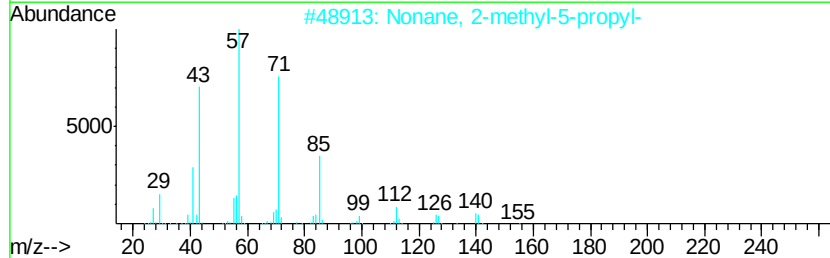
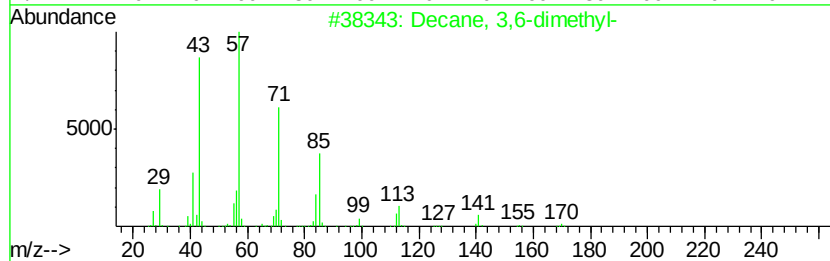
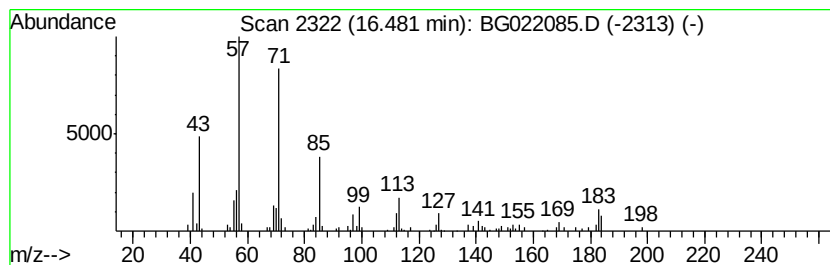
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.48	4.50 ng/ul	142802	Phenanthrene-d10	17.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87
2	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	80
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
4	5,5-Dibutylnonane	240	C17H36	006008-17-9	80
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72



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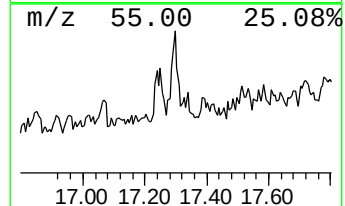
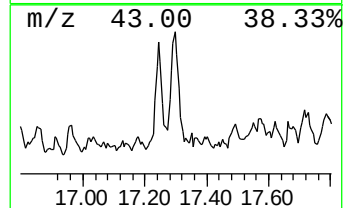
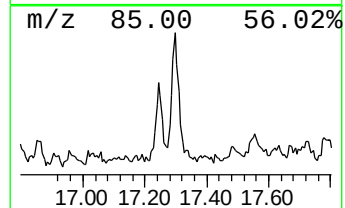
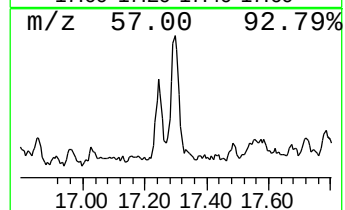
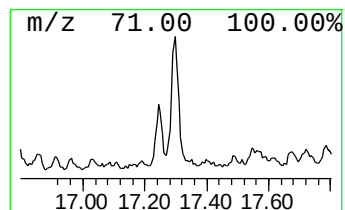
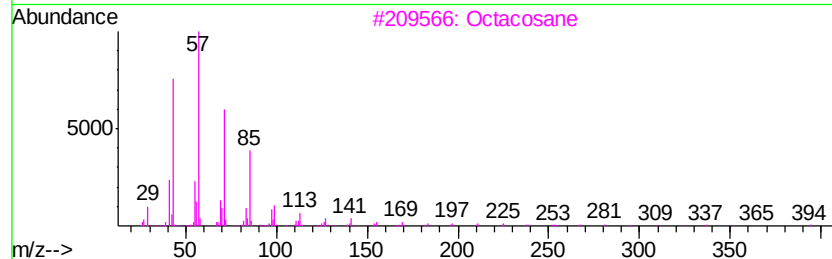
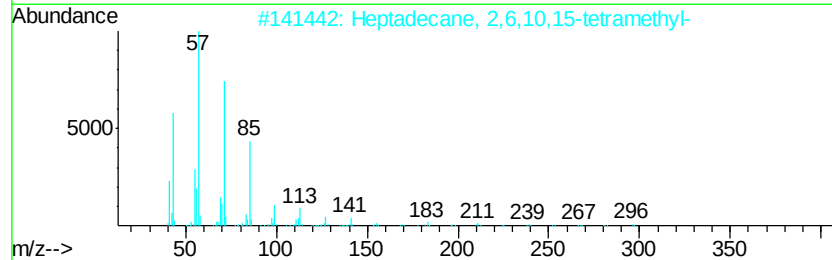
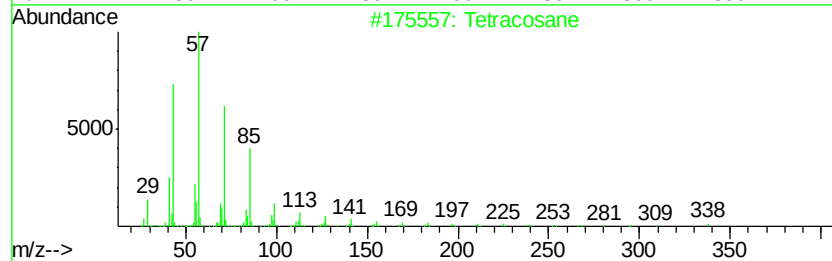
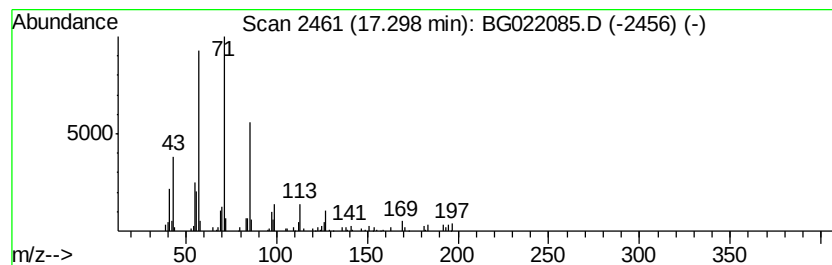
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	2.60 ng/ul	82606	Phenanthrene-d10	17.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	86
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Octacosane	394	C28H58	000630-02-4	80
4		Tetratetracontane	619	C44H90	007098-22-8	72
5		triacontane	422	C30H62	000638-68-6	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022085.D
Acq On : 26 May 2016 17:44
Operator : UM/SJ
Sample : H3201-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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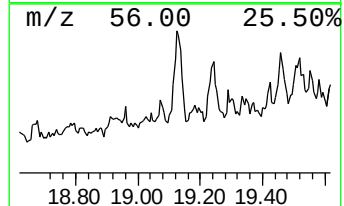
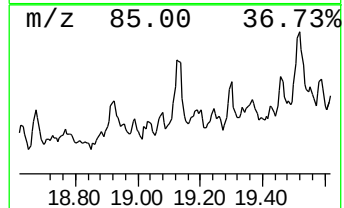
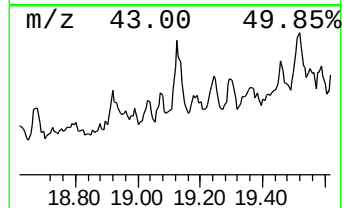
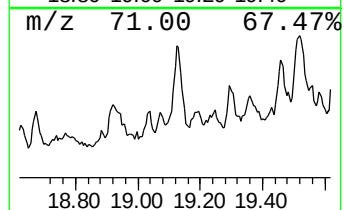
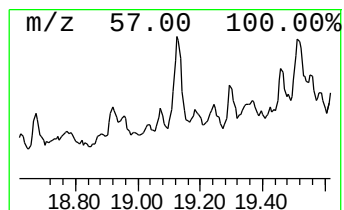
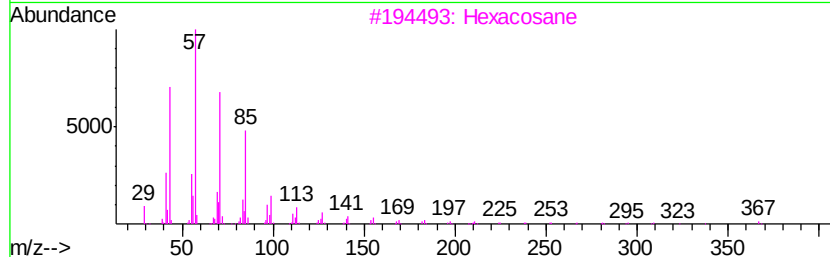
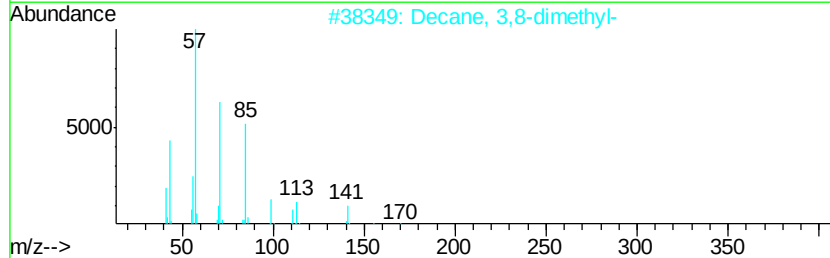
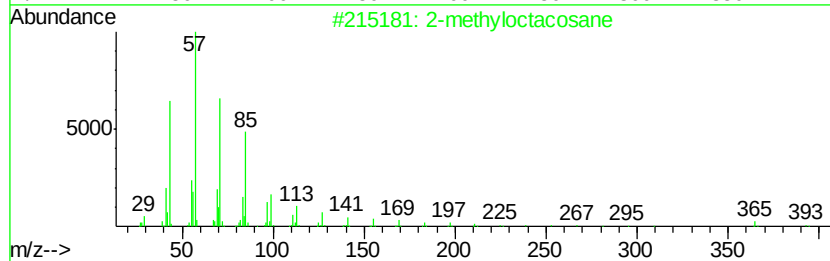
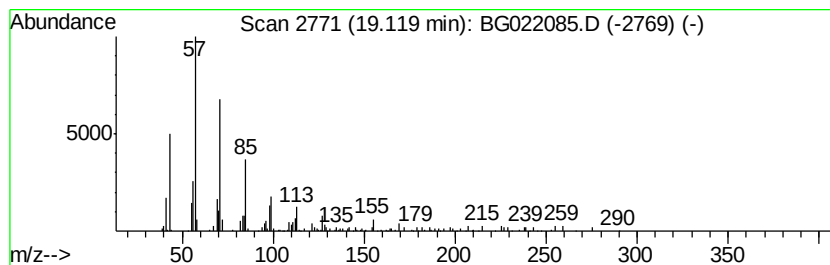
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	3.32 ng/ul	105317	Phenanthrene-d10	17.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	80
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
3		Hexacosane	366	C26H54	000630-01-3	80
4		Tetracosane	338	C24H50	000646-31-1	74
5		Octadecane	254	C18H38	000593-45-3	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022085.D
Acq On : 26 May 2016 17:44
Operator : UM/SJ
Sample : H3201-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCZH5

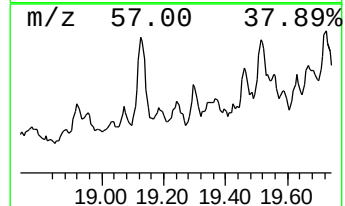
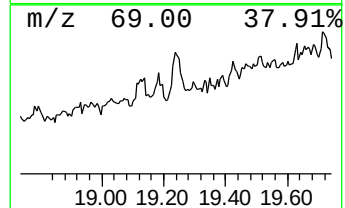
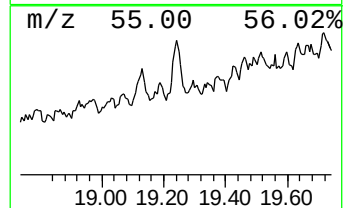
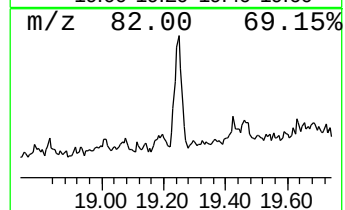
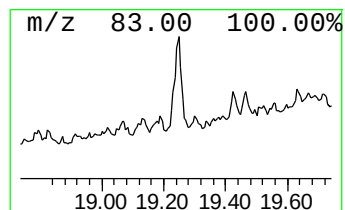
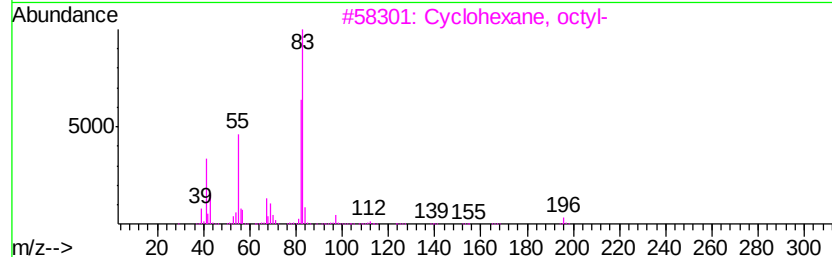
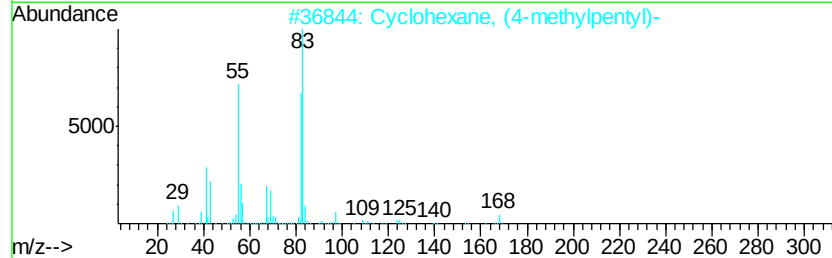
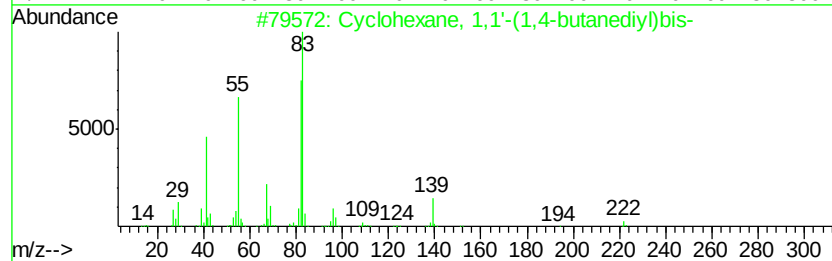
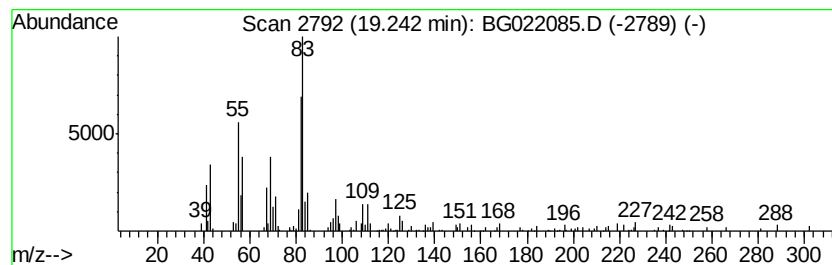
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Branched19.24 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	2.76 ng/ul	87698	Phenanthrene-d10	17.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	68
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	58
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	58
5		Octane, 2-cyclohexyl-	196	C14H28	002883-05-8	55



Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022085.D
Acq On : 26 May 2016 17:44
Operator : UM/SJ
Sample : H3201-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
BCZH5

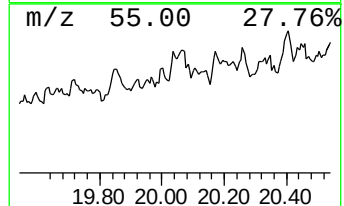
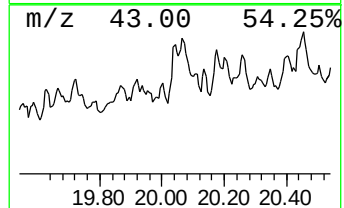
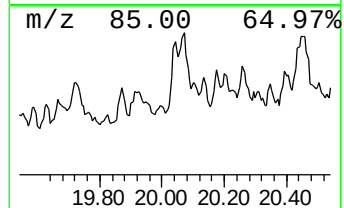
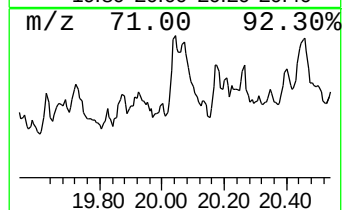
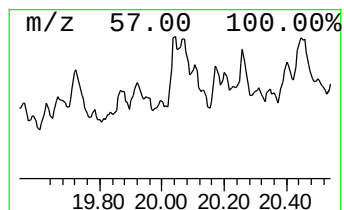
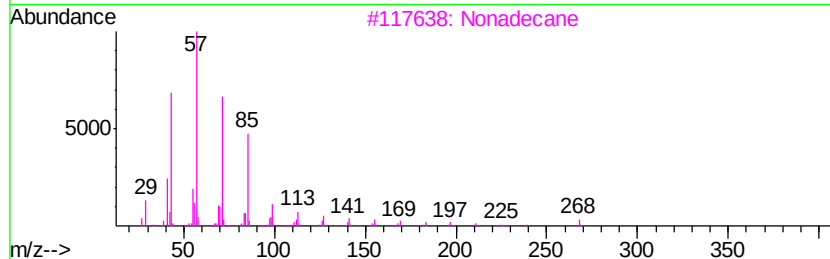
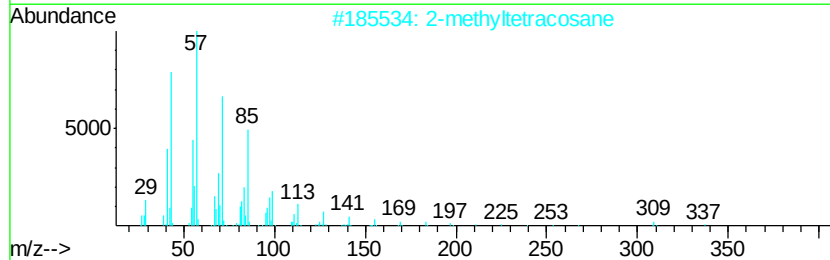
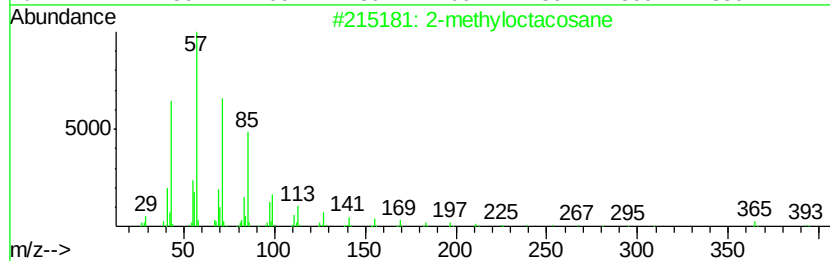
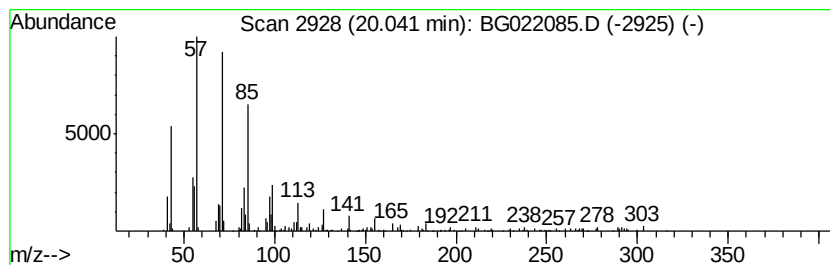
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	2.40 ng/ul	90742	Chrysene-d12	21.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		2-methyltetracosane	352	C25H52	1000376-72-6	91
3		Nonadecane	268	C19H40	000629-92-5	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052616\
Data File : BG022085.D
Acq On : 26 May 2016 17:44
Operator : UM/SJ
Sample : H3201-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCZH5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.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
Benzene, 2-ethyl-...	8.79	2.8	ng/ul	32897	1	8.16	239113	20.0
(DEL) Alkane: Str...	16.48	4.5	ng/ul	142802	4	17.52	634765	20.0
(DEL) Alkane: Str...	17.30	2.6	ng/ul	82606	4	17.52	634765	20.0
(DEL) Alkane: Str...	19.12	3.3	ng/ul	105317	4	17.52	634765	20.0
(DEL) Alkane: Bra...	19.24	2.8	ng/ul	87698	4	17.52	634765	20.0
(DEL) Alkane: Str...	20.04	2.4	ng/ul	90742	5	21.80	757472	20.0