LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019433.D
Acq On : 30 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-17
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BG102815.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	3.147	47	52	60	rBV	63989	121162	13.16%	1.203%
2	3.229	61	66	94	rVV	459565	763678	82.97%	7.584%
3	4.157	221	224	226	rVB3	3872	3558	0.39%	0.035%
4	4.293	242	247	251	rBV2	26554	39965	4.34%	0.397%
5	5.239	404	408	413	rVV4	3684	5717	0.62%	0.057%
6	5.791	499	502	505	rBV4	2649	3834	0.42%	0.038%
7	6.161	563	565	567	rBV3	3251	3413	0.37%	0.034%
8	6.813	671	676	678	rBV3	2828	4370	0.47%	0.043%
9	7.342	759	766	775	rBV2	117048	213153	23.16%	2.117%
10	7.507	786	794	801	rBV	81659	140148	15.23%	1.392%
11	7.724	822	831	839	rVB	115095	196201	21.32%	1.948%
12	7.912	861	863	870	rVB5	3685	5041	0.55%	0.050%
13	8.000	875	878	879	rBV2	3280	4257	0.46%	0.042%
14	8.194	903	911	920	rBV2	135535	241948	26.29%	2.403%
15	8.470	953	958	962	rBV2	8372	14015	1.52%	0.139%
16	8.505	962	964	969	rVB3	3674	3992	0.43%	0.040%
17	8.640	983	987	990	rVB5	3938	5307	0.58%	0.053%
18	8.734	1000	1003	1010	rVV6	3040	6997	0.76%	0.069%
19	8.840	1017	1021	1022	rBV2	5704	5182	0.56%	0.051%
20	8.905	1025	1032	1038	rVV	148416	263243	28.60%	2.614%
21	8.964	1039	1042	1050	rVB5	6475	10262	1.11%	0.102%
22	9.222	1083	1086	1091	rBV4	2058	4190	0.46%	0.042%
23	9.310	1096	1101	1105	rVV6	8194	16562	1.80%	0.164%
24	9.369	1105	1111	1120	rVV	114581	205220	22.30%	2.038%
25	9.475	1124	1129	1134	rBV8	5792	11569	1.26%	0.115%
26	9.633	1152	1156	1159	rBV5	5180	6889	0.75%	0.068%
27	9.757	1172	1177	1182	rVB5	9396	13667	1.48%	0.136%
28	9.833	1188	1190	1196	rVB4	1835	3251	0.35%	0.032%
29	9.898	1198	1201	1205	rVB3	3252	4286	0.47%	0.043%
30	9.974	1208	1214	1220	rVV7	9537	17207	1.87%	0.171%
31	10.092	1227	1234	1244	rBV2	113290	217255	23.60%	2.158%
32	10.180	1244	1249	1250	rBV4	11354	14151	1.54%	0.141%
33	10.215	1252	1255	1259	rVB5	12934	18072	1.96%	0.179%
34	10.286	1264	1267	1274	rVV6	7157	14603	1.59%	0.145%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019433.D
Acq On : 30 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-17
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BG102815.M
Title : SVOA CALIBRATION

35	10.485	1296	1301	1310	rVV2	37954	67073	7.29%	0.666%
36	10.638	1320	1327	1336	rVB2	174723	309465	33.62%	3.073%
37	10.844	1359	1362	1363	rBV2	4108	4663	0.51%	0.046%
38	10.861	1363	1365	1366	rBV2	3670	3608	0.39%	0.036%
39	11.026	1386	1393	1400	rBV	189092	338157	36.74%	3.358%
40	11.155	1408	1415	1424	rBV2	52659	103405	11.23%	1.027%
41	11.367	1445	1451	1457	rBV9	7878	14901	1.62%	0.148%
42	11.555	1478	1483	1486	rVB4	6445	9576	1.04%	0.095%
43	11.613	1486	1493	1498	rVB7	4786	10348	1.12%	0.103%
44	11.778	1516	1521	1526	rBV7	7793	16132	1.75%	0.160%
45	11.843	1526	1532	1536	rBV3	20063	34828	3.78%	0.346%
46	12.025	1559	1563	1569	rBV9	6589	12692	1.38%	0.126%
47	12.084	1569	1573	1577	rVV4	8752	13408	1.46%	0.133%
48	12.172	1584	1588	1590	rBV5	2791	3396	0.37%	0.034%
49	12.266	1602	1604	1608	rVB4	5068	4943	0.54%	0.049%
50	12.395	1620	1626	1633	rBV9	7882	16831	1.83%	0.167%
51	12.501	1641	1644	1647	rBV4	3053	4765	0.52%	0.047%
52	12.559	1652	1654	1657	rBV3	3028	4020	0.44%	0.040%
53	12.671	1670	1673	1674	rBV2	4443	4261	0.46%	0.042%
54	12.718	1679	1681	1685	rVB4	5366	5301	0.58%	0.053%
55	12.977	1721	1725	1727	rBV3	3697	6198	0.67%	0.062%
56	13.018	1729	1732	1737	rVV4	8925	14261	1.55%	0.142%
57	13.088	1741	1744	1749	rVB4	7928	12049	1.31%	0.120%
58	13.182	1758	1760	1764	rVB4	4389	4882	0.53%	0.048%
59	13.241	1766	1770	1776	rBV8	9351	17024	1.85%	0.169%
60	13.358	1788	1790	1793	rVB3	5009	5113	0.56%	0.051%
61	13.417	1793	1800	1805	rBV5	7399	15495	1.68%	0.154%
62	13.541	1819	1821	1825	rVB4	4167	4639	0.50%	0.046%
63	13.905	1881	1883	1887	rVB5	3016	3356	0.36%	0.033%
64	13.952	1887	1891	1894	rBV6	7097	10284	1.12%	0.102%
65	14.058	1907	1909	1911	rBV3	3166	3371	0.37%	0.033%
66	14.152	1922	1925	1926	rBV3	4747	4251	0.46%	0.042%
67	14.216	1930	1936	1941	rVV	299601	456329	49.58%	4.532%
68	14.263	1941	1944	1950	rVV	119869	168007	18.25%	1.668%
69	14.310	1950	1952	1956	rVB5	6398	6676	0.73%	0.066%
70	14.451	1973	1976	1979	rBV4	4871	7242	0.79%	0.072%
71	14.522	1982	1988	1994	rVB	300653	463937	50.41%	4.607%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019433.D
Acq On : 30 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-17
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BG102815.M
Title : SVOA CALIBRATION

72	14.774	2029	2031	2032	rBV2	3893	3385	0.37%	0.034%
73	14.827	2032	2040	2048	rVV2	329342	544700	59.18%	5.409%
74	14.962	2059	2063	2066	rBV4	12209	19848	2.16%	0.197%
75	15.015	2066	2072	2077	rVB	134434	208140	22.61%	2.067%
76	15.162	2092	2097	2101	rVB5	17474	29357	3.19%	0.292%
77	15.209	2102	2105	2106	rBV3	5889	6028	0.65%	0.060%
78	15.327	2123	2125	2128	rBV4	3505	3268	0.36%	0.032%
79	15.644	2175	2179	2182	rVB5	14800	18067	1.96%	0.179%
80	15.750	2192	2197	2201	rBV	18146	26491	2.88%	0.263%
81	15.814	2202	2208	2214	rVV	404864	625105	67.92%	6.208%
82	15.920	2220	2226	2234	rBV	153127	234590	25.49%	2.330%
83	16.055	2246	2249	2252	rVB4	10233	12380	1.35%	0.123%
84	16.167	2266	2268	2273	rVB5	8500	9839	1.07%	0.098%
85	16.237	2277	2280	2283	rBV5	9132	10138	1.10%	0.101%
86	16.502	2322	2325	2328	rBV3	15360	17243	1.87%	0.171%
87	16.578	2335	2338	2343	rVB7	6374	9797	1.06%	0.097%
88	16.725	2361	2363	2366	rBV4	5841	6249	0.68%	0.062%
89	16.837	2378	2382	2383	rBV4	14099	12384	1.35%	0.123%
90	17.295	2456	2460	2462	rBV3	17932	21108	2.29%	0.210%
91	17.565	2499	2506	2513	rBV	464951	704348	76.52%	6.995%
92	17.665	2517	2523	2530	rVB2	457275	671332	72.94%	6.667%
93	17.783	2541	2543	2544	rBV2	6778	4254	0.46%	0.042%
94	17.853	2553	2555	2556	rBV2	5570	3248	0.35%	0.032%
95	17.924	2564	2567	2571	rVB5	8947	13131	1.43%	0.130%
96	18.029	2583	2585	2591	rVB7	10323	12267	1.33%	0.122%
97	18.429	2649	2653	2658	rBV	103019	141475	15.37%	1.405%
98	19.692	2865	2868	2878	rBV	124844	177165	19.25%	1.759%
99	19.939	2905	2910	2919	rVB	584897	816651	88.73%	8.110%
100	21.854	3230	3236	3246	rVB	543713	920418	100.00%	9.141%

Sum of corrected areas: 10069658

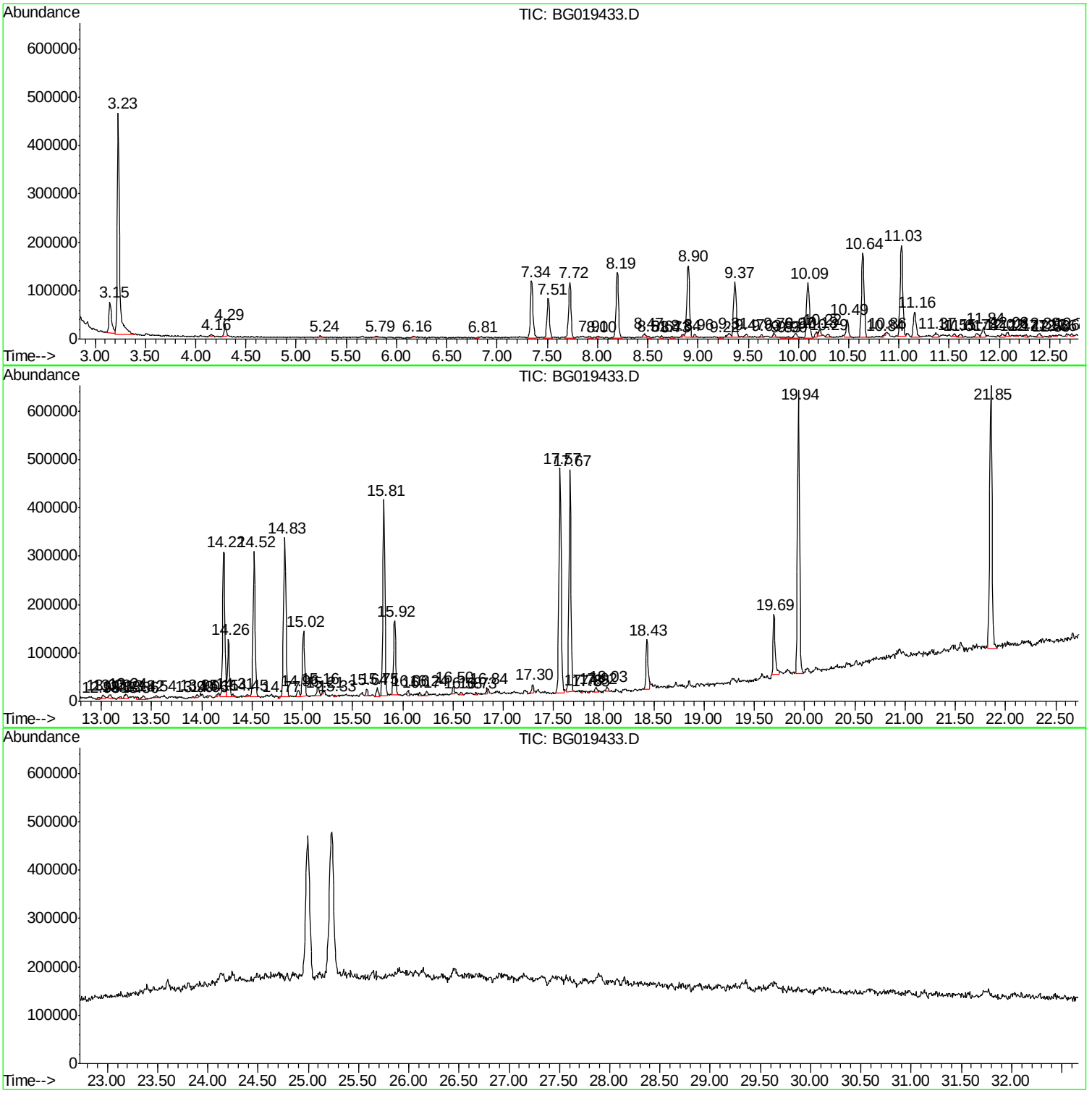
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019433.D
Acq On : 30 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-17
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019433.D
Acq On : 30 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-17
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

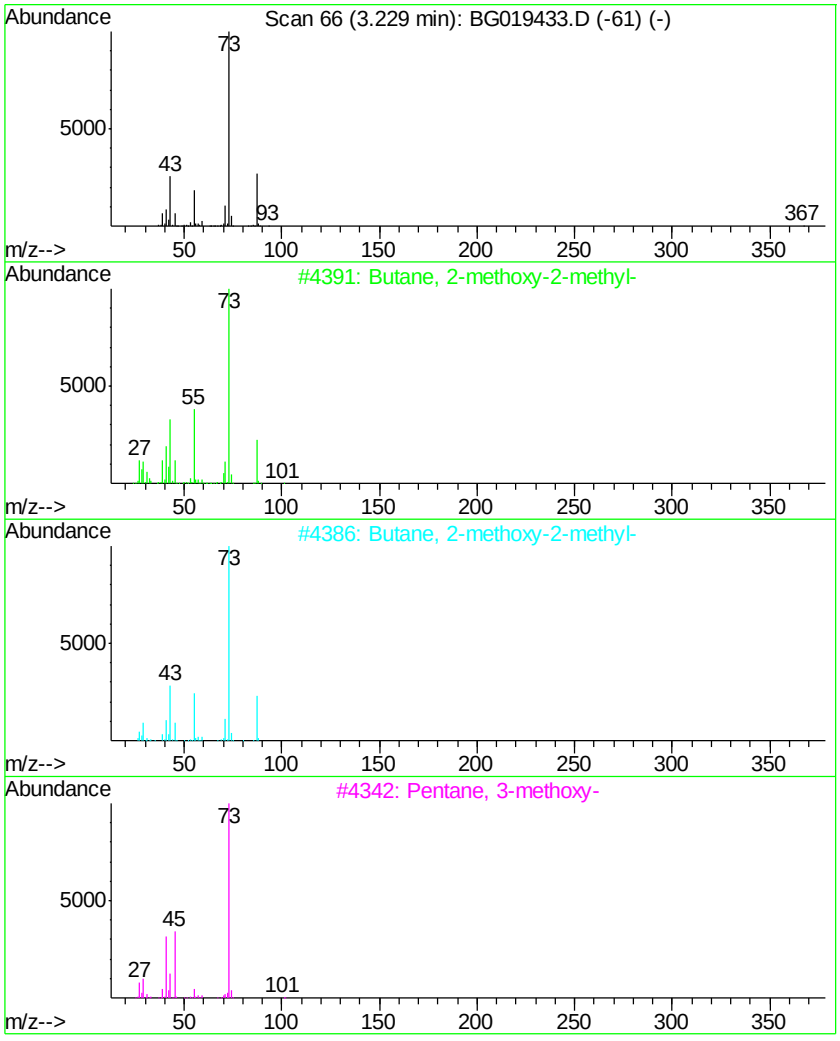
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

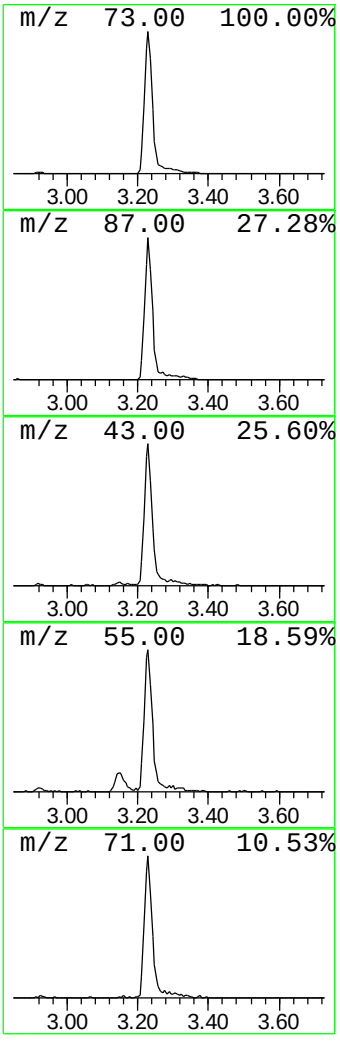
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	63.13 ng/ul	763678	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019433.D
Acq On : 30 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-17
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

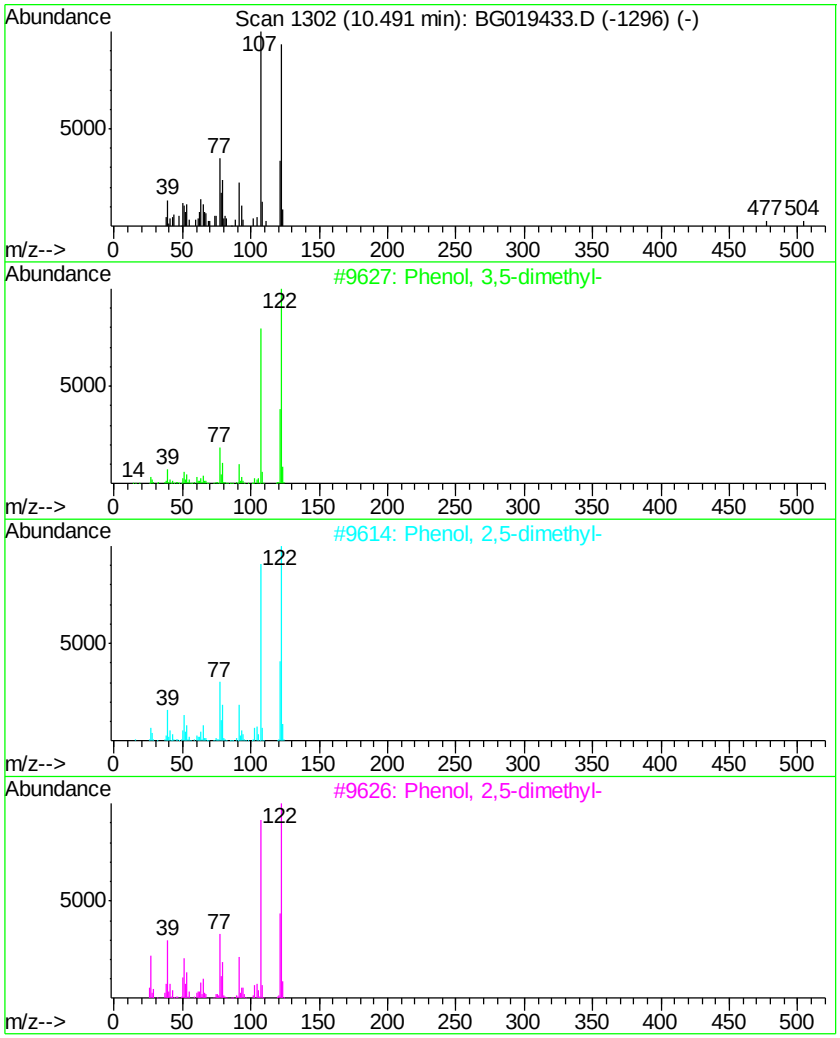
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

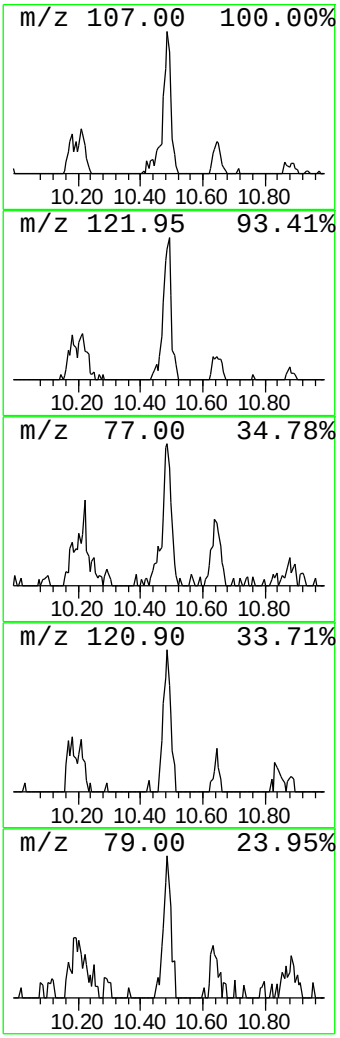
****

Peak Number 4 Phenol, 3,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	3.97 ng/ul	67073	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
2	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	91
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	91
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	91
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019433.D
Acq On : 30 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-17
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

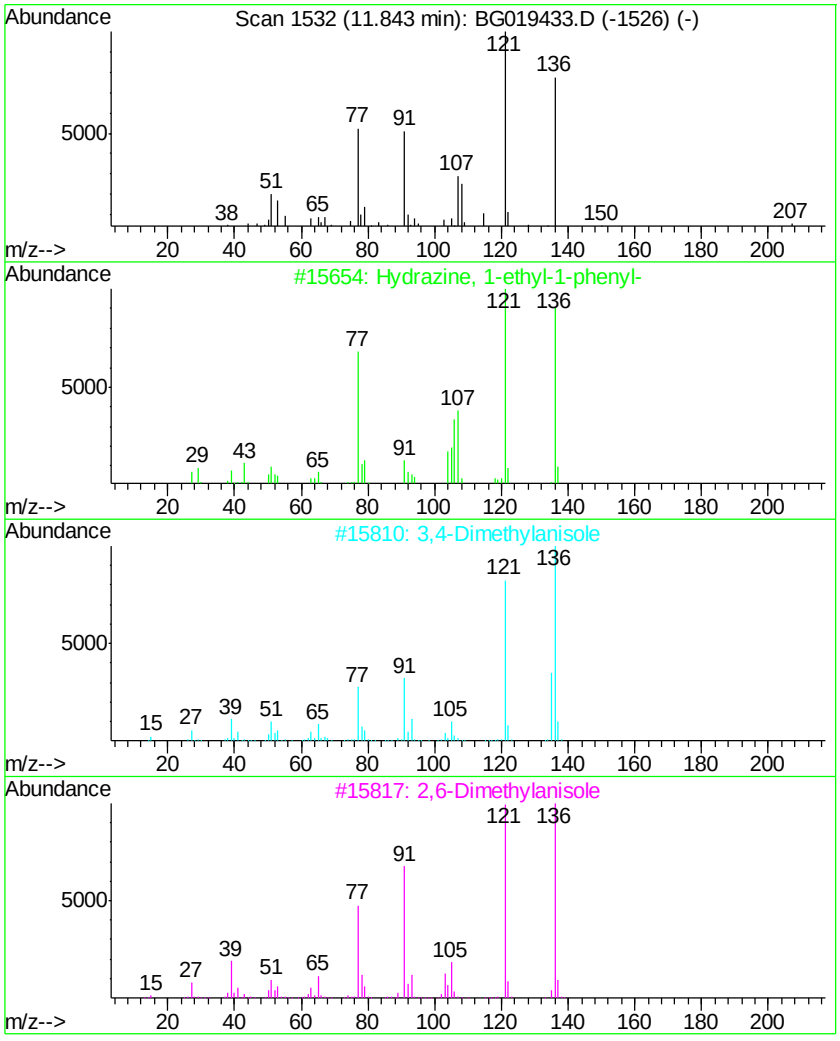
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

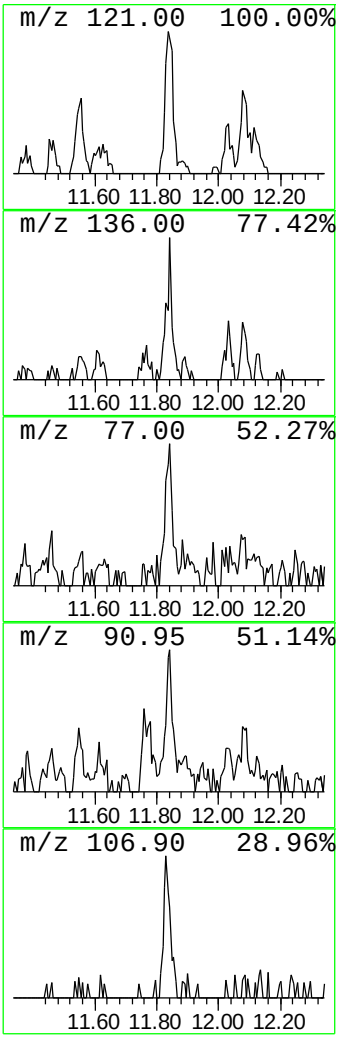
****

Peak Number 5 Hydrazine, 1-ethyl-1-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	2.06 ng/ul	34828	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1-ethyl-1-phenyl-	136	C8H12N2	000644-21-3	72
2	3,4-Dimethylanisole	136	C9H12O	004685-47-6	72
3	2,6-Dimethylanisole	136	C9H12O	001004-66-6	64
4	2,6-Dimethylanisole	136	C9H12O	001004-66-6	64
5	2,4-Dimethylanisole	136	C9H12O	006738-23-4	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019433.D
Acq On : 30 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-17
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

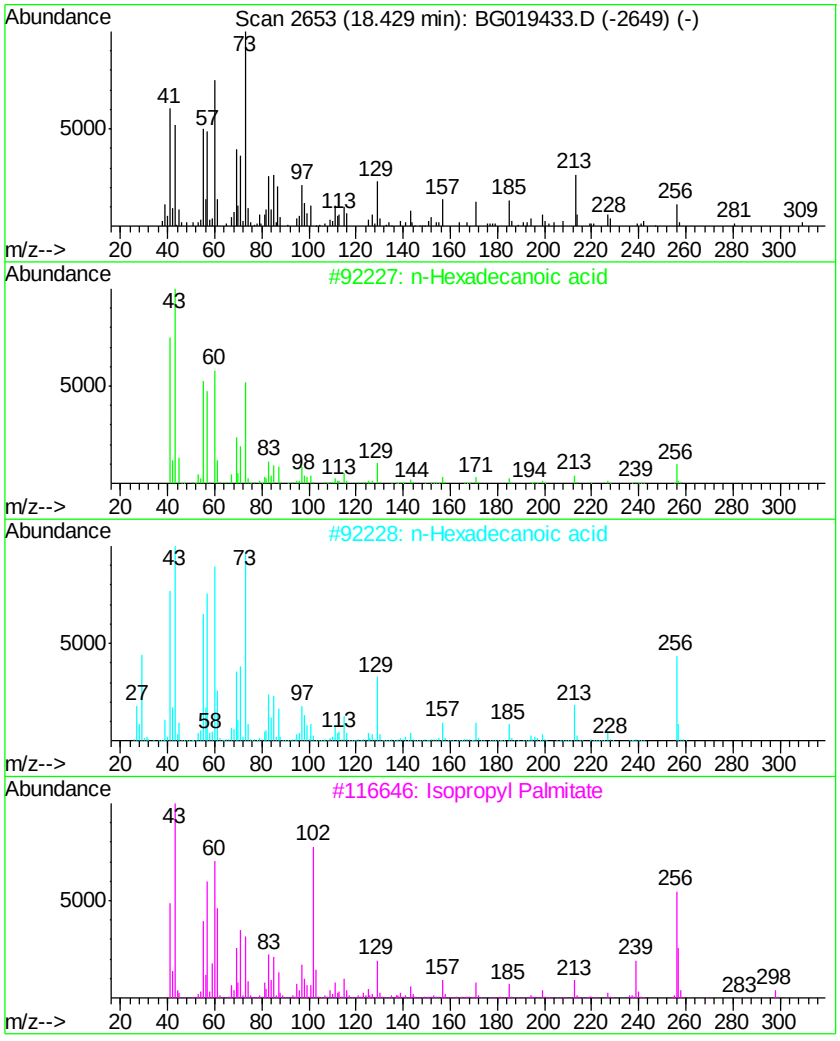
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

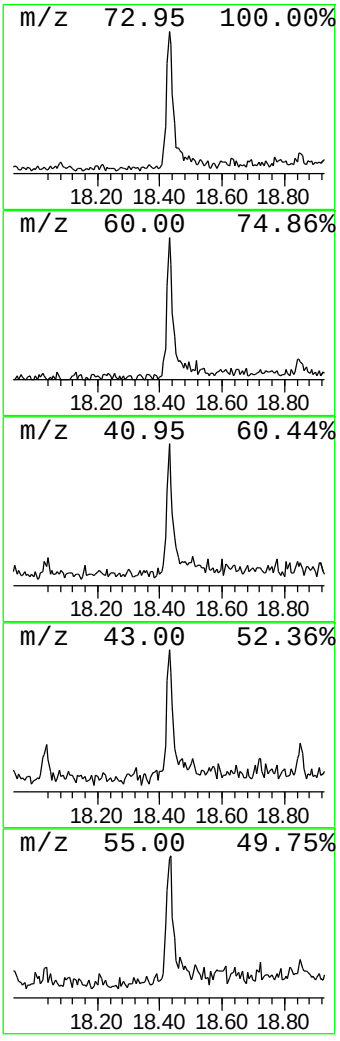
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	4.02 ng/ul	141475	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Isopropyl Palmitate	298	C19H38O2	000142-91-6	59
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019433.D
Acq On : 30 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-17
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

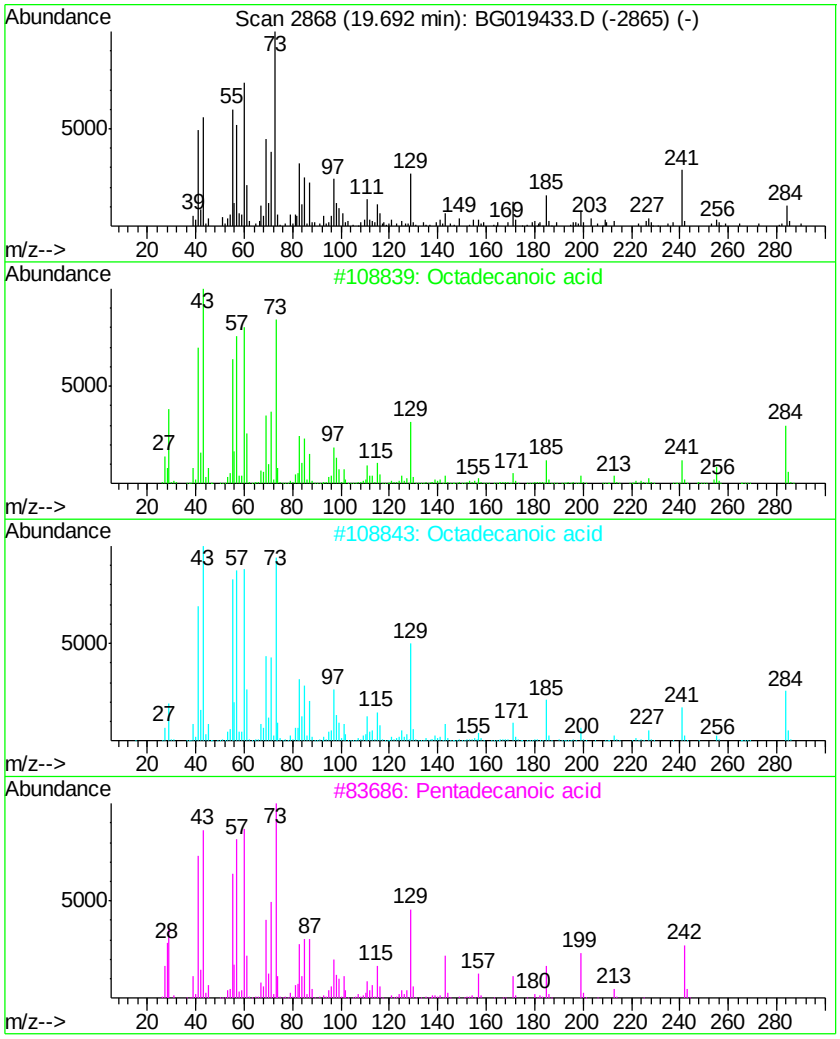
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

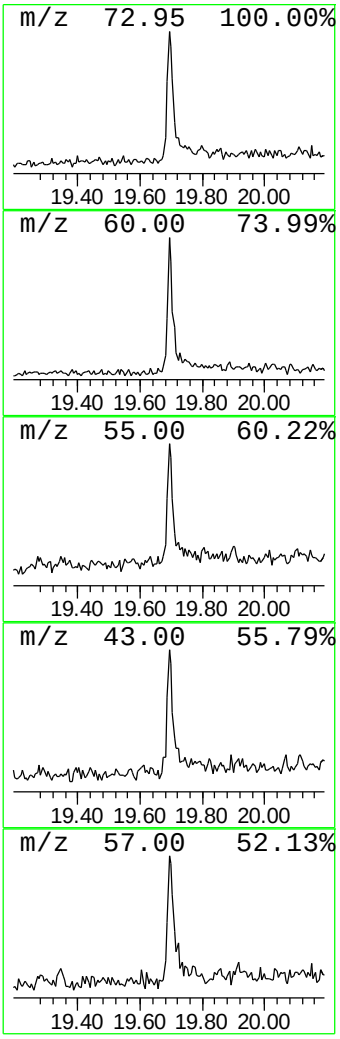
****

Peak Number 7 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	5.03 ng/ul	177165	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2	Octadecanoic acid	284	C18H36O2	000057-11-4	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019433.D
Acq On : 30 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-17
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.23	63.1	ng/ul	763678	1	8.20	241948	20.0
Phenol, 3,5-dimet...	10.49	4.0	ng/ul	67073	2	11.03	338157	20.0
Hydrazine, 1-ethy...	11.84	2.1	ng/ul	34828	2	11.03	338157	20.0
n-Hexadecanoic acid	18.43	4.0	ng/ul	141475	4	17.57	704348	20.0
Octadecanoic acid	19.69	5.0	ng/ul	177165	4	17.57	704348	20.0