LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038971.D
Acq On : 7 Jan 2019 17:54
Operator : JU/SJ
Sample : K1061-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRE-COMP-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.176	11	15	26	rVB2	36366	81562	4.48%	0.390%
2	3.734	106	110	119	rBV	20153	41404	2.28%	0.198%
3	4.204	183	190	200	rVB	75699	140739	7.73%	0.672%
4	5.138	344	349	358	rVB	33068	59098	3.25%	0.282%
5	5.526	408	415	421	rBV	20745	37430	2.06%	0.179%
6	5.603	421	428	434	rVV	191316	334231	18.37%	1.597%
7	5.661	434	438	449	rVB	82687	185513	10.19%	0.886%
8	6.037	492	502	507	rBV	57627	102503	5.63%	0.490%
9	6.096	507	512	523	rVB	48983	81575	4.48%	0.390%
10	6.349	549	555	562	rBV2	17986	31659	1.74%	0.151%
11	7.007	660	667	675	rBV2	28445	48926	2.69%	0.234%
12	7.113	675	685	691	rBV2	132069	232589	12.78%	1.111%
13	7.171	691	695	697	rVV	54101	83660	4.60%	0.400%
14	7.207	697	701	705	rVV	128363	237045	13.03%	1.132%
15	7.248	705	708	714	rVB	69642	110504	6.07%	0.528%
16	7.418	728	737	743	rBV	58029	101312	5.57%	0.484%
17	7.577	757	764	775	rVV	353891	625011	34.34%	2.986%
18	7.677	775	781	791	rVB	222679	374534	20.58%	1.789%
19	8.047	837	844	847	rBV	99279	181632	9.98%	0.868%
20	8.082	847	850	856	rVV	78621	130743	7.18%	0.625%
21	8.147	856	861	871	rVB	87720	152303	8.37%	0.728%
22	8.370	890	899	904	rBV	311234	572522	31.46%	2.735%
23	8.411	904	906	915	rVB2	35498	52359	2.88%	0.250%
24	8.517	915	924	929	rBV5	15547	30165	1.66%	0.144%
25	8.576	929	934	940	rVB	40556	66344	3.65%	0.317%
26	8.664	942	949	955	rBV2	73515	130478	7.17%	0.623%
27	8.834	972	978	991	rVB2	24087	49616	2.73%	0.237%
28	8.981	997	1003	1008	rBV	42676	69396	3.81%	0.332%
29	9.034	1008	1012	1018	rVB	38450	63122	3.47%	0.302%
30	9.140	1023	1030	1037	rVV2	77783	149326	8.21%	0.713%
31	9.222	1037	1044	1054	rVB	276528	520214	28.59%	2.485%
32	9.351	1059	1066	1079	rBV5	30207	88962	4.89%	0.425%
33	9.475	1081	1087	1094	rBV2	21633	38271	2.10%	0.183%
34	9.663	1112	1119	1124	rBV	46323	76798	4.22%	0.367%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038971.D
Acq On : 7 Jan 2019 17:54
Operator : JU/SJ
Sample : K1061-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRE-COMP-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.721	1124	1129	1136	rVB	69941	119144	6.55%	0.569%
36	10.033	1175	1182	1187	rBV3	16382	33810	1.86%	0.162%
37	10.092	1187	1192	1198	rVB	32566	55618	3.06%	0.266%
38	10.244	1212	1218	1224	rBV2	80156	141163	7.76%	0.674%
39	10.485	1254	1259	1264	rBV2	22757	40414	2.22%	0.193%
40	10.614	1273	1281	1290	rBV	417195	720757	39.61%	3.443%
41	10.861	1318	1323	1328	rVV	115090	227296	12.49%	1.086%
42	10.908	1328	1331	1337	rVV	79810	132227	7.27%	0.632%
43	11.461	1414	1425	1429	rBV3	36407	80050	4.40%	0.382%
44	11.519	1430	1435	1447	rVB7	19666	50283	2.76%	0.240%
45	11.666	1454	1460	1467	rBV6	16359	39633	2.18%	0.189%
46	11.748	1467	1474	1480	rVV2	49129	104834	5.76%	0.501%
47	11.807	1480	1484	1494	rVB2	48020	83207	4.57%	0.398%
48	12.042	1518	1524	1535	rVB5	58176	124725	6.85%	0.596%
49	12.183	1535	1548	1553	rBV2	17486	46952	2.58%	0.224%
50	12.236	1553	1557	1565	rVB8	13520	33500	1.84%	0.160%
51	12.395	1579	1584	1591	rVB2	24069	40139	2.21%	0.192%
52	12.465	1591	1596	1600	rVV3	17051	31741	1.74%	0.152%
53	12.512	1600	1604	1612	rVB	43302	74564	4.10%	0.356%
54	12.741	1637	1643	1649	rBV4	30323	75752	4.16%	0.362%
55	13.106	1700	1705	1712	rVB3	19024	35291	1.94%	0.169%
56	13.300	1731	1738	1747	rVB	726923	1160213	63.75%	5.543%
57	13.617	1784	1792	1796	rBV2	22398	44246	2.43%	0.211%
58	14.128	1871	1879	1886	rBV	413468	629058	34.57%	3.005%
59	14.228	1890	1896	1903	rVB5	27693	67793	3.73%	0.324%
60	14.433	1922	1931	1935	rBV	35466	59608	3.28%	0.285%
61	14.680	1962	1973	1983	rBV2	207325	373928	20.55%	1.786%
62	14.762	1983	1987	1995	rVV	29797	46204	2.54%	0.221%
63	14.909	2008	2012	2016	rBV	74006	99971	5.49%	0.478%
64	14.951	2016	2019	2023	rVV	90236	119723	6.58%	0.572%
65	15.033	2029	2033	2037	rVV2	28975	47570	2.61%	0.227%
66	15.086	2037	2042	2047	rVV	31513	53016	2.91%	0.253%
67	15.479	2103	2109	2113	rBV2	19235	30556	1.68%	0.146%
68	16.173	2221	2227	2240	rBV	607795	993468	54.59%	4.746%
69	16.290	2241	2247	2252	rBV3	52515	84339	4.63%	0.403%
70	16.590	2293	2298	2305	rBV5	16154	29238	1.61%	0.140%
71	17.142	2384	2392	2397	rBV5	32734	81539	4.48%	0.390%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038971.D
Acq On : 7 Jan 2019 17:54
Operator : JU/SJ
Sample : K1061-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRE-COMP-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.230	2402	2407	2409	rBV3	56240	75770	4.16%	0.362%
73	17.260	2409	2412	2420	rVV	69390	170891	9.39%	0.816%
74	17.324	2420	2423	2433	rVV	31768	74856	4.11%	0.358%
75	17.430	2435	2441	2448	rVB2	267883	416461	22.88%	1.990%
76	18.305	2582	2590	2593	rBV4	73023	122758	6.75%	0.586%
77	18.347	2593	2597	2606	rVB2	76091	144422	7.94%	0.690%
78	18.981	2700	2705	2707	rBV2	22730	31314	1.72%	0.150%
79	19.016	2707	2711	2715	rVV3	27709	38552	2.12%	0.184%
80	19.128	2722	2730	2733	rBV3	25149	74495	4.09%	0.356%
81	19.193	2738	2741	2744	rVV	58330	75808	4.17%	0.362%
82	19.228	2744	2747	2754	rVB6	32625	49690	2.73%	0.237%
83	19.486	2787	2791	2796	rVB	60194	78649	4.32%	0.376%
84	19.945	2862	2869	2876	rBV2	224894	403666	22.18%	1.929%
85	20.033	2878	2884	2890	rVB	1397286	1819849	100.00%	8.694%
86	20.468	2953	2958	2960	rBV	39847	61396	3.37%	0.293%
87	20.491	2960	2962	2968	rVB	72666	90008	4.95%	0.430%
88	21.284	3091	3097	3107	rVB2	483564	866095	47.59%	4.138%
89	21.707	3162	3169	3176	rBV	270615	468739	25.76%	2.239%
90	21.866	3188	3196	3207	rVB2	151125	303154	16.66%	1.448%
91	22.806	3350	3356	3357	rBV6	31160	43121	2.37%	0.206%
92	22.859	3358	3365	3378	rVB2	489346	1120385	61.56%	5.353%
93	23.276	3429	3436	3443	rBV3	172542	337521	18.55%	1.613%
94	23.347	3443	3448	3455	rVB2	19776	39769	2.19%	0.190%
95	23.664	3494	3502	3519	rVB2	124212	346551	19.04%	1.656%
96	24.909	3708	3714	3720	rBV6	12675	33584	1.85%	0.160%
97	24.998	3720	3729	3741	rVV	168251	577144	31.71%	2.757%
98	25.127	3742	3751	3776	rVB2	230911	962215	52.87%	4.597%
99	26.384	3955	3965	3984	rVB5	49906	244078	13.41%	1.166%
100	28.728	4347	4364	4378	rBV5	62027	367388	20.19%	1.755%

Sum of corrected areas: 20931445

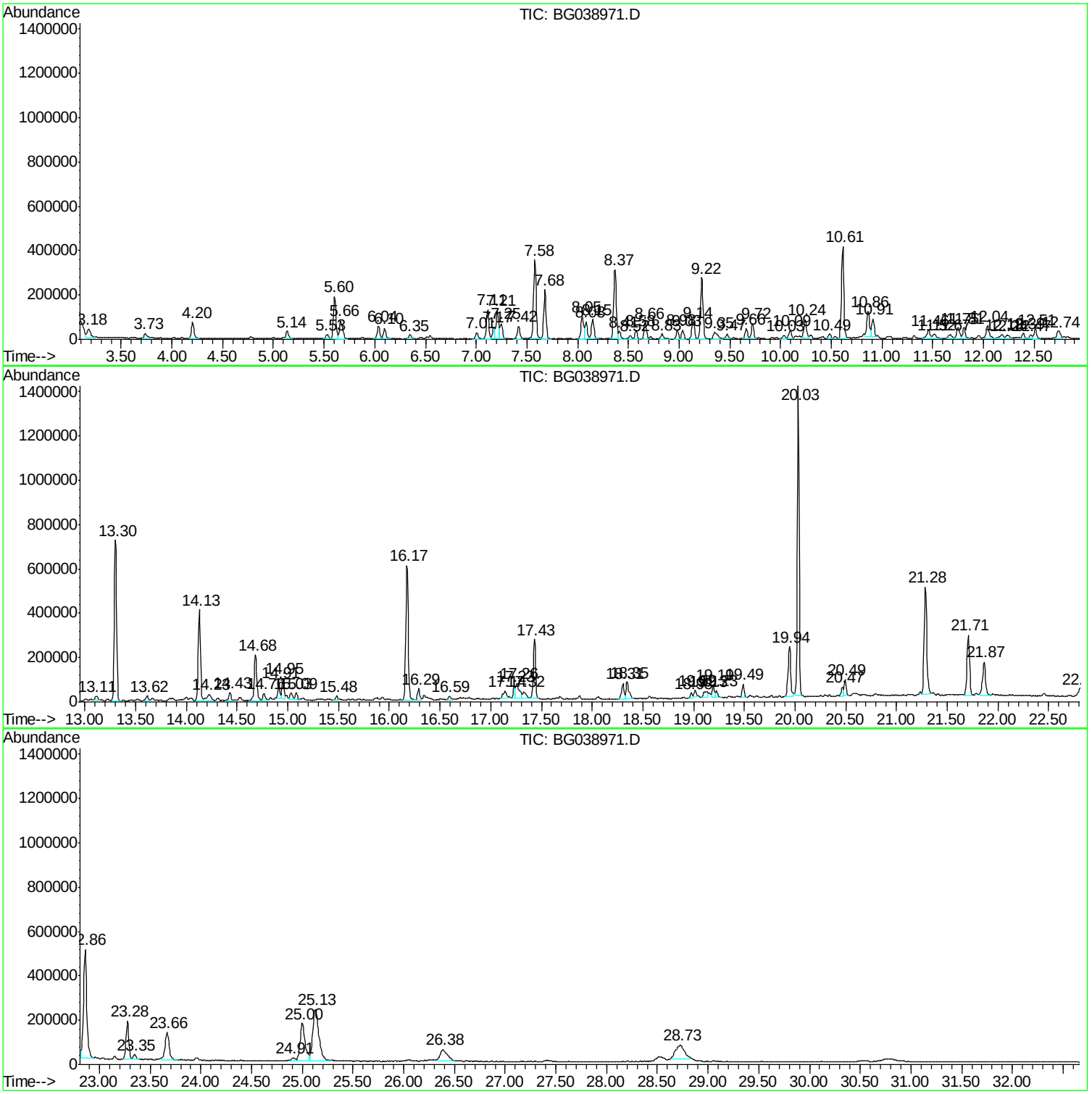
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038971.D
Acq On : 7 Jan 2019 17:54
Operator : JU/SJ
Sample : K1061-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRE-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038971.D
Acq On : 7 Jan 2019 17:54
Operator : JU/SJ
Sample : K1061-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRE-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

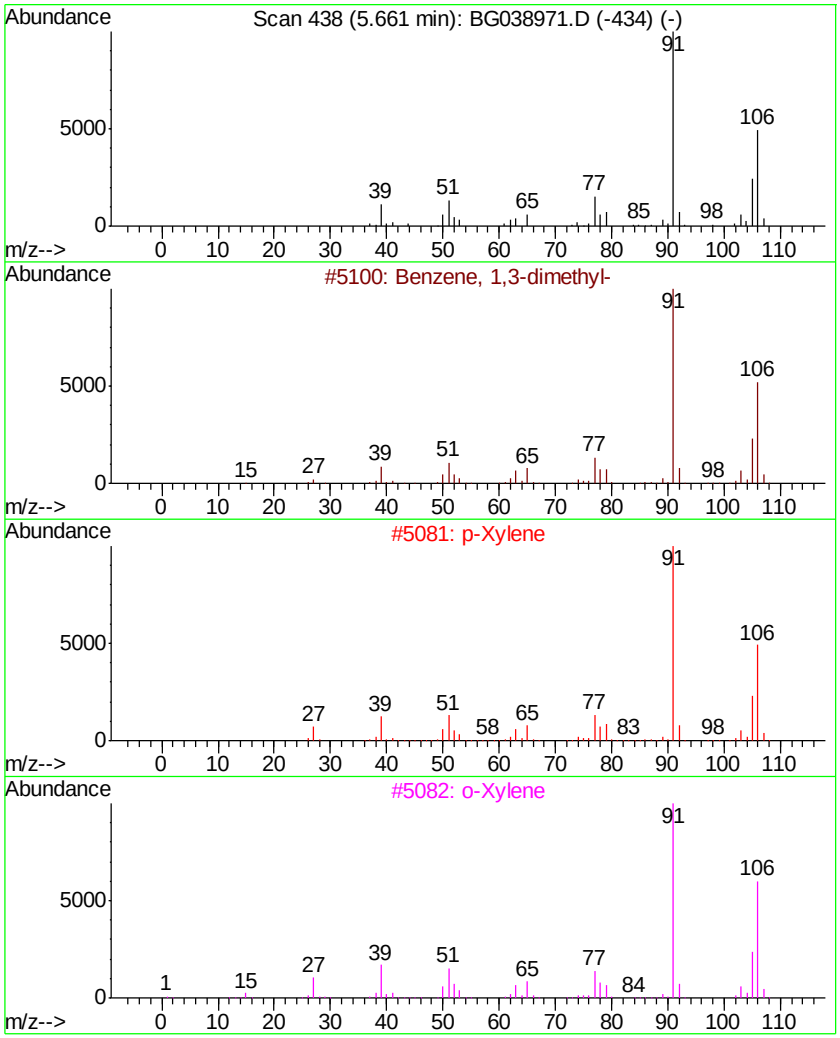
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

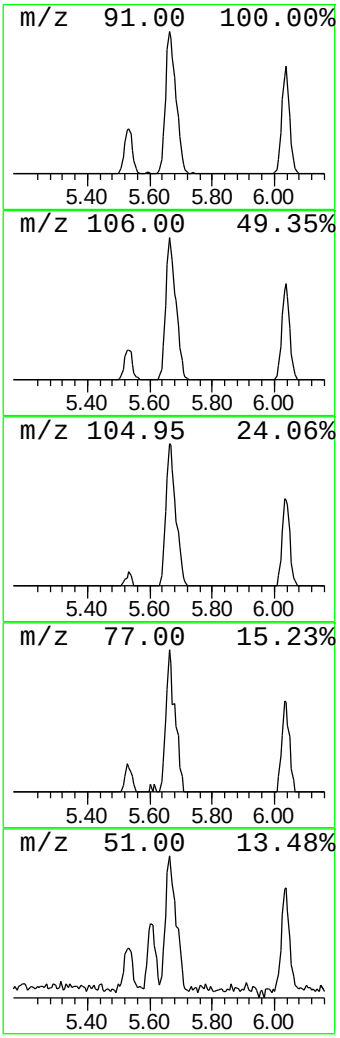
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	20.43 ng	185513	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	95
4	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	78
5	Ethylbenzene	106	C8H10	000100-41-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038971.D
Acq On : 7 Jan 2019 17:54
Operator : JU/SJ
Sample : K1061-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRE-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

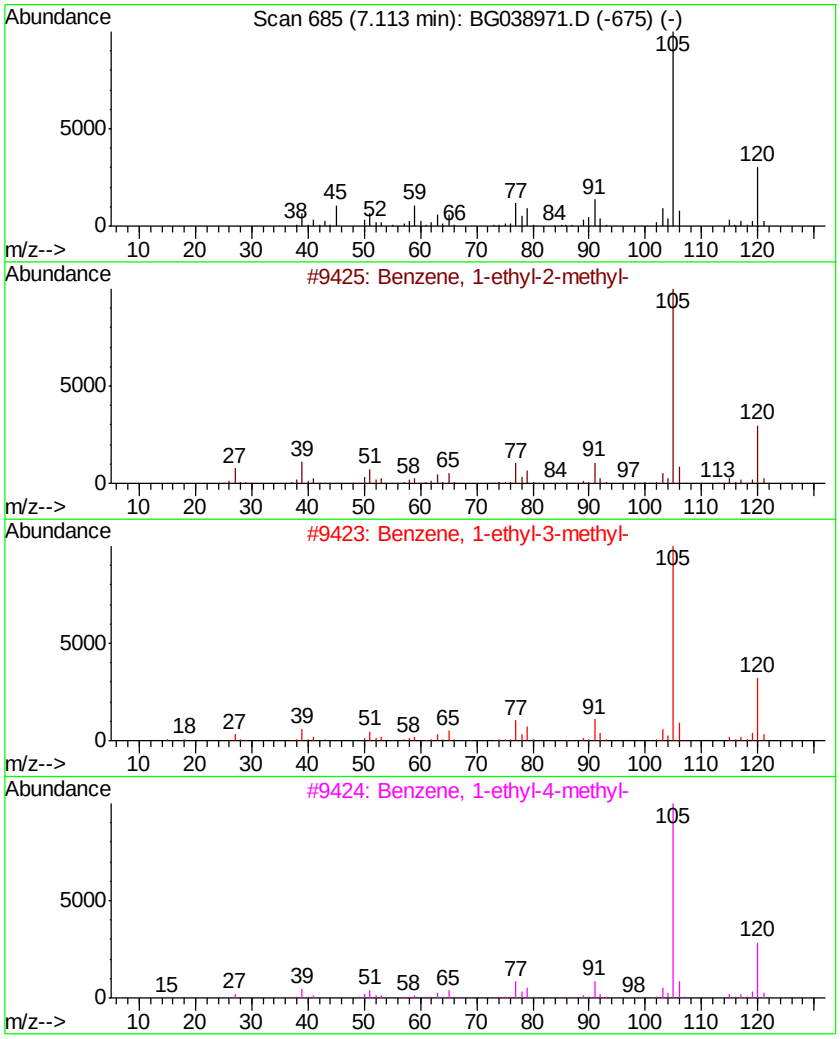
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

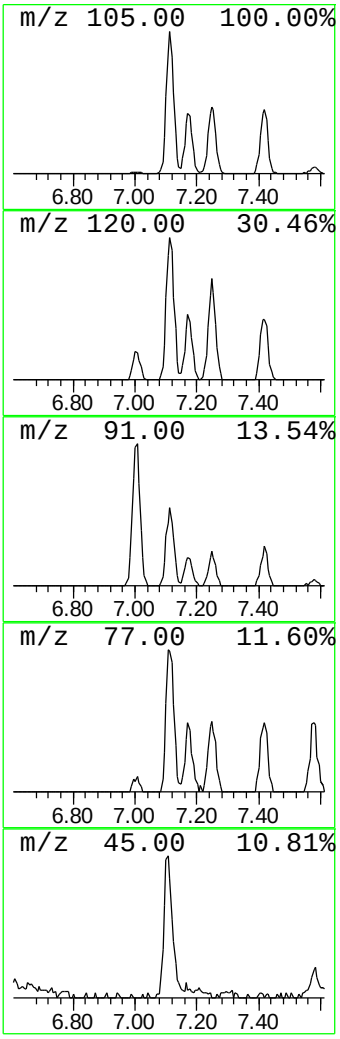
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	25.61 ng	232589	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
4	Mesitylene	120	C9H12	000108-67-8	87
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038971.D
Acq On : 7 Jan 2019 17:54
Operator : JU/SJ
Sample : K1061-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRE-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

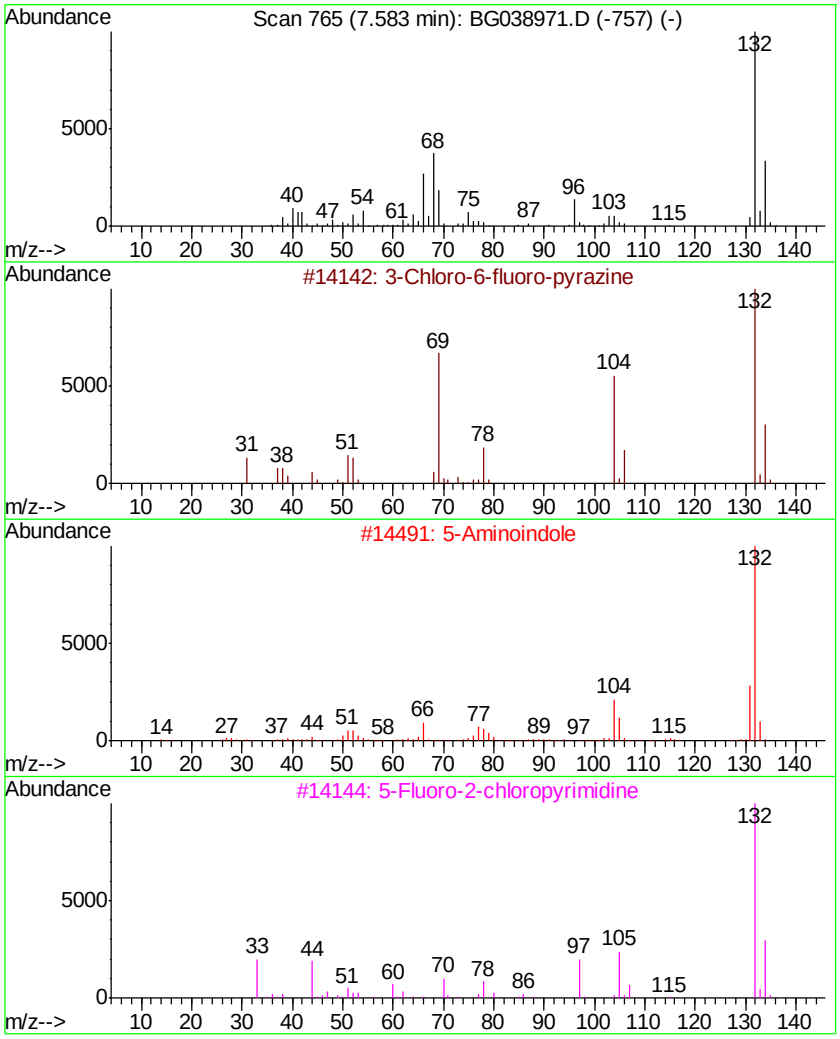
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

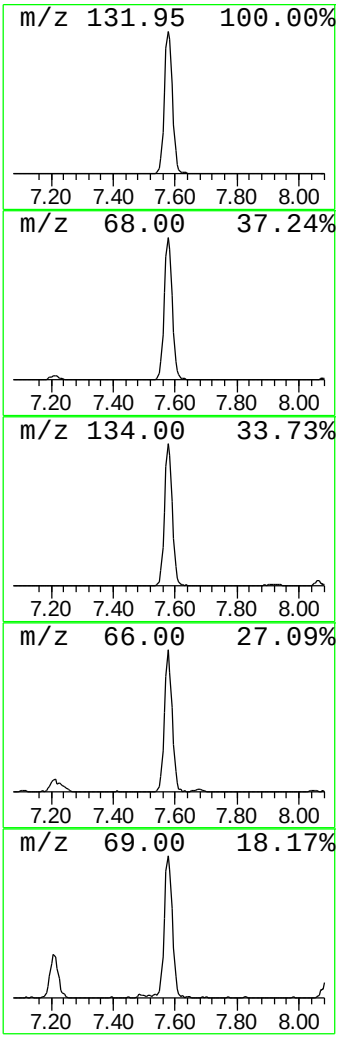
****

Peak Number 5 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	68.82 ng	625011	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038971.D
Acq On : 7 Jan 2019 17:54
Operator : JU/SJ
Sample : K1061-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRE-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

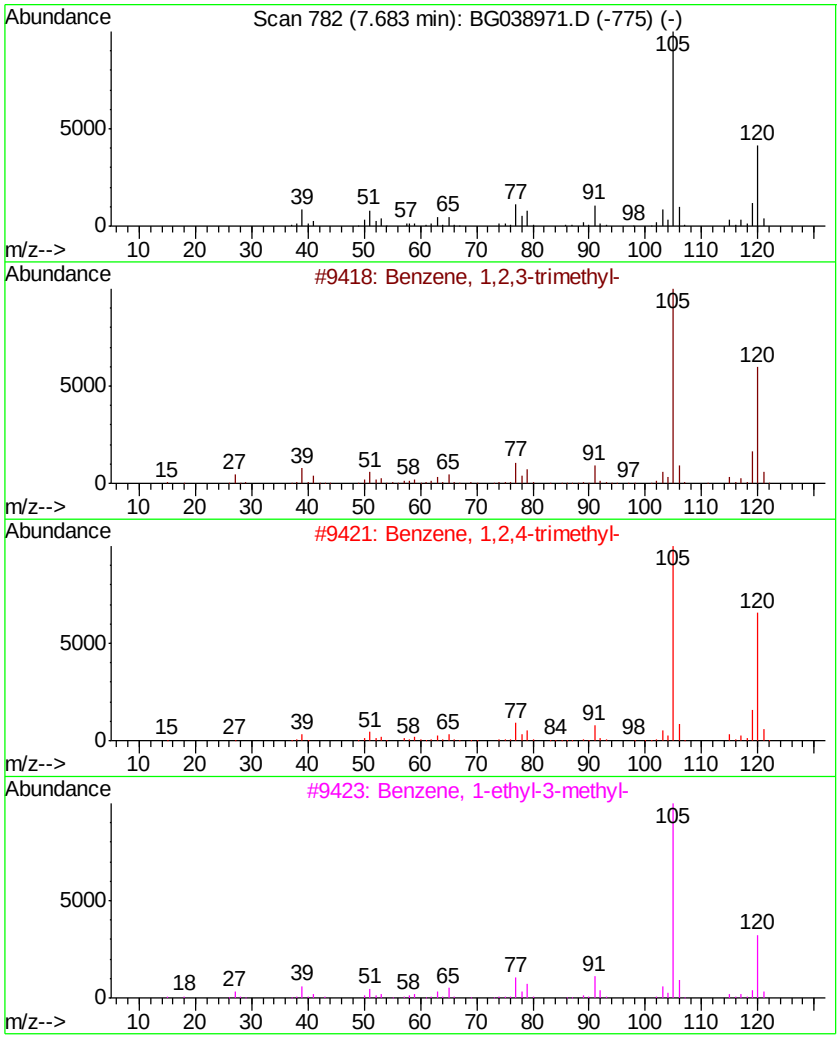
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

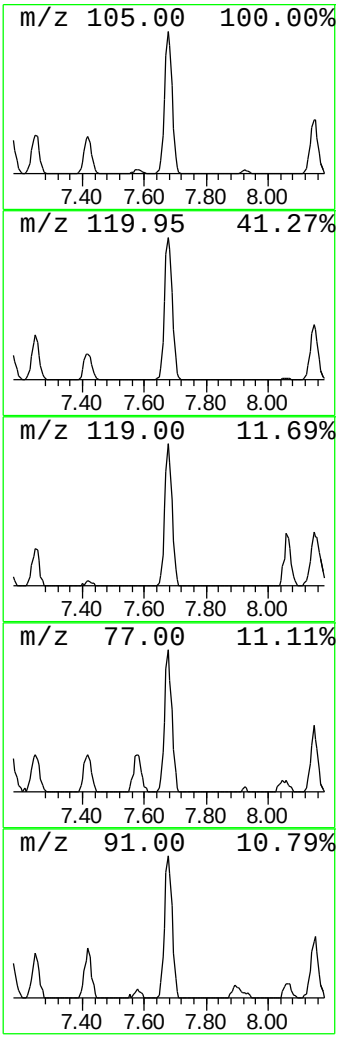
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	41.24 ng	374534	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038971.D
Acq On : 7 Jan 2019 17:54
Operator : JU/SJ
Sample : K1061-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRE-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

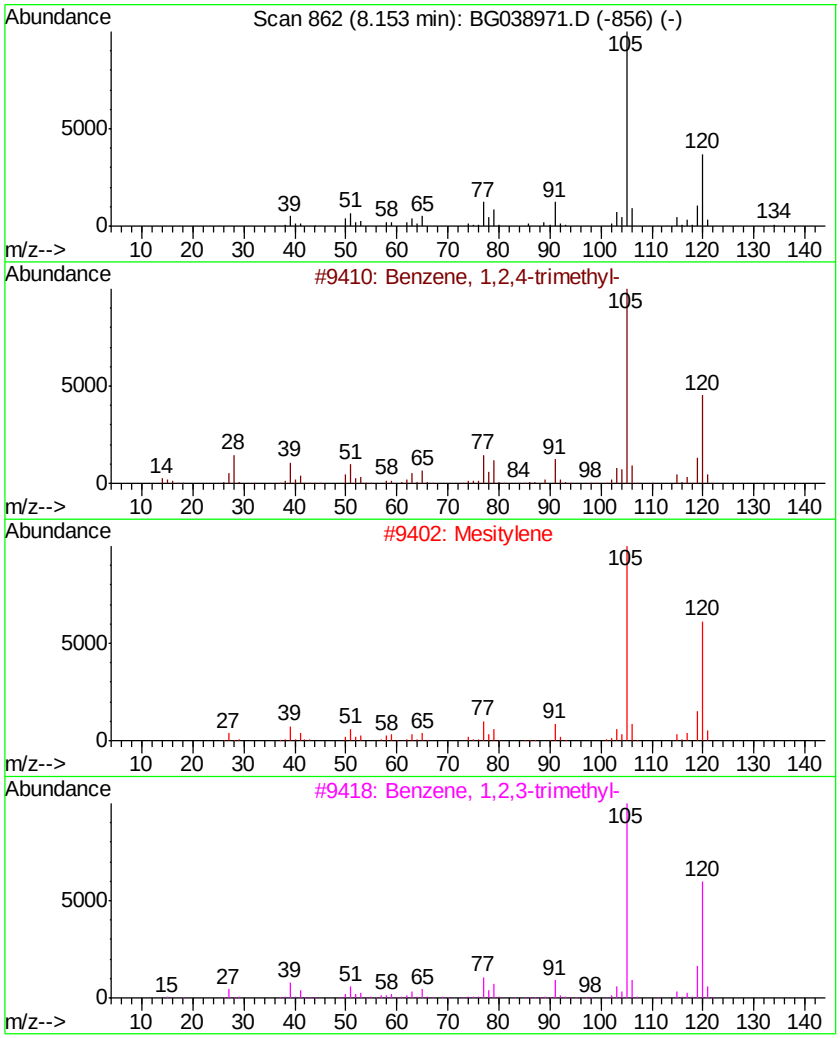
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

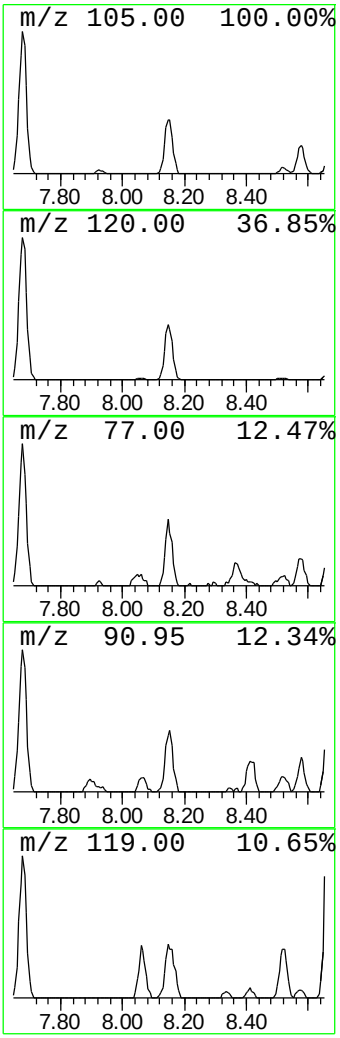
****

Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	16.77 ng	152303	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038971.D
Acq On : 7 Jan 2019 17:54
Operator : JU/SJ
Sample : K1061-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRE-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

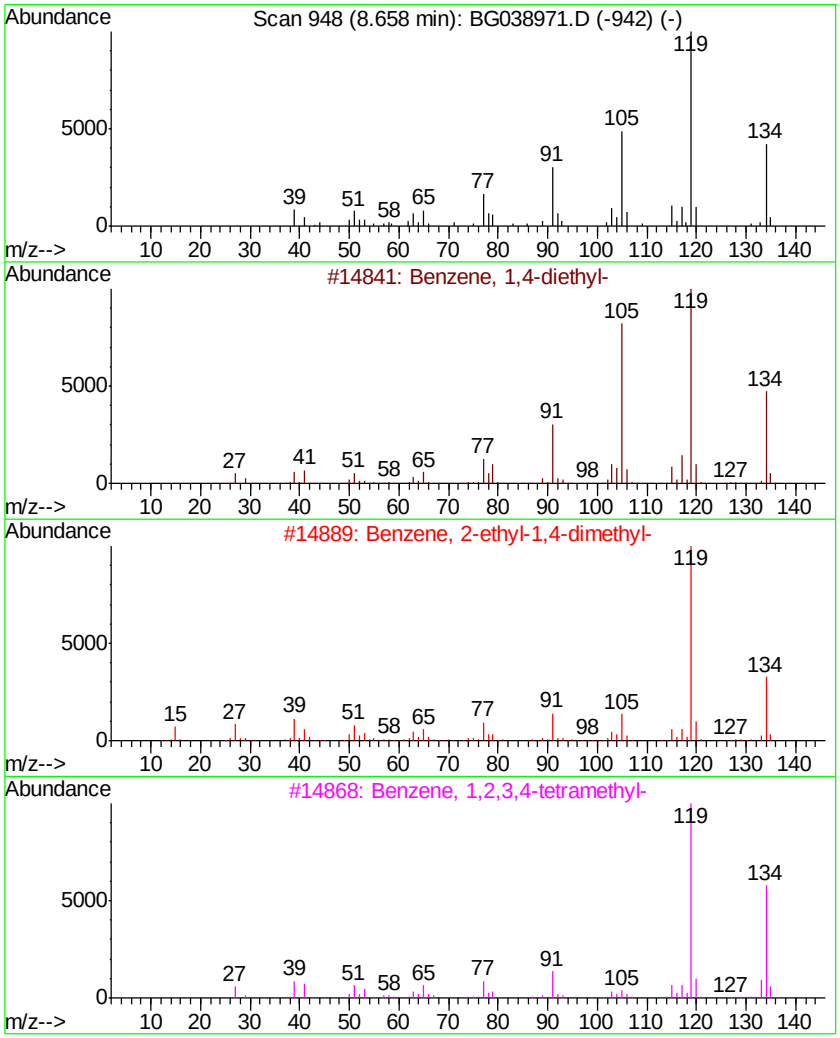
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

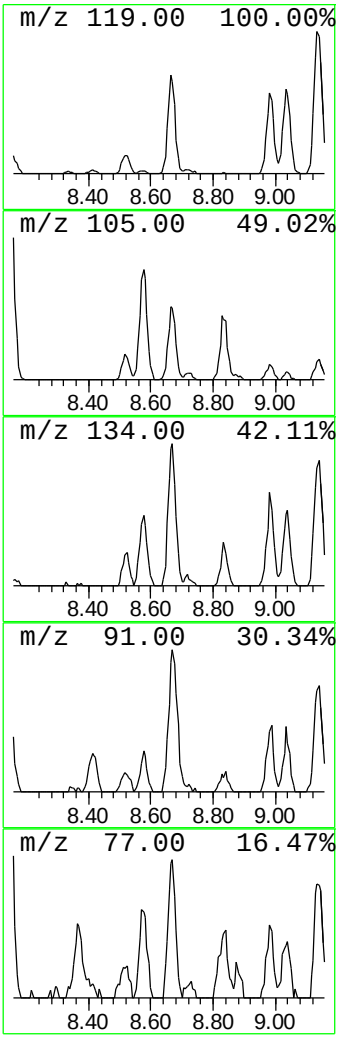
****

Peak Number 9 Benzene, 1,4-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	14.37 ng	130478	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038971.D
Acq On : 7 Jan 2019 17:54
Operator : JU/SJ
Sample : K1061-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRE-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

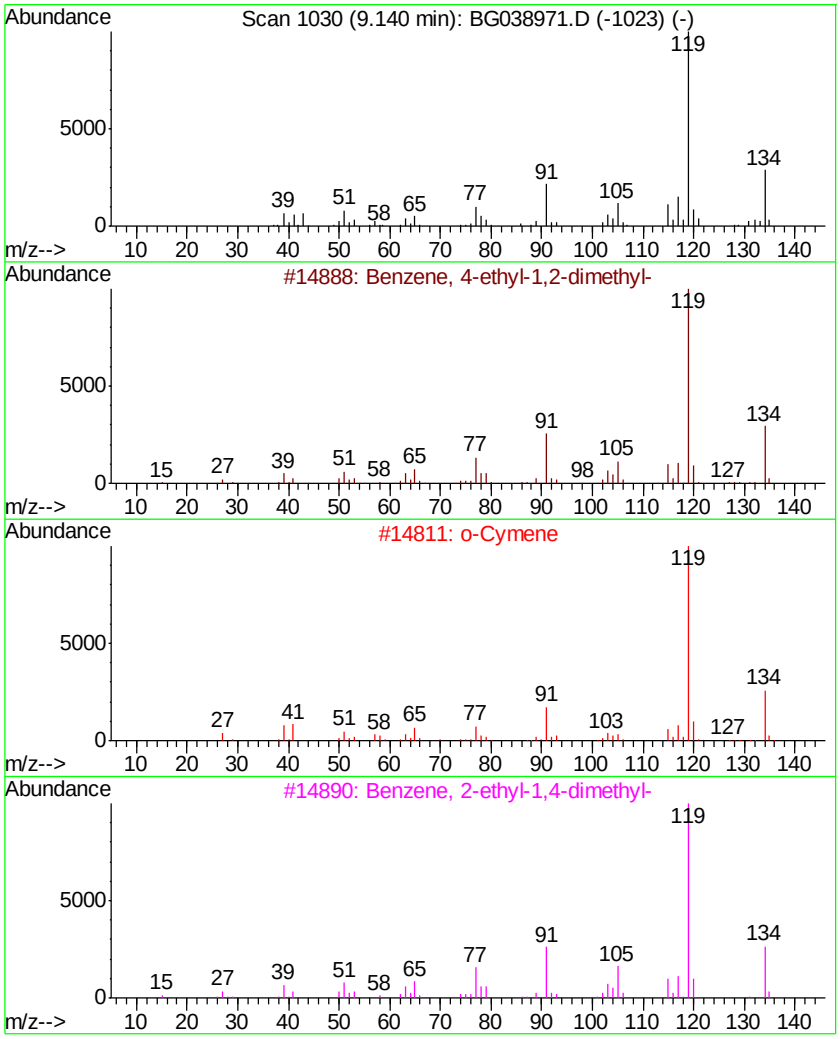
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

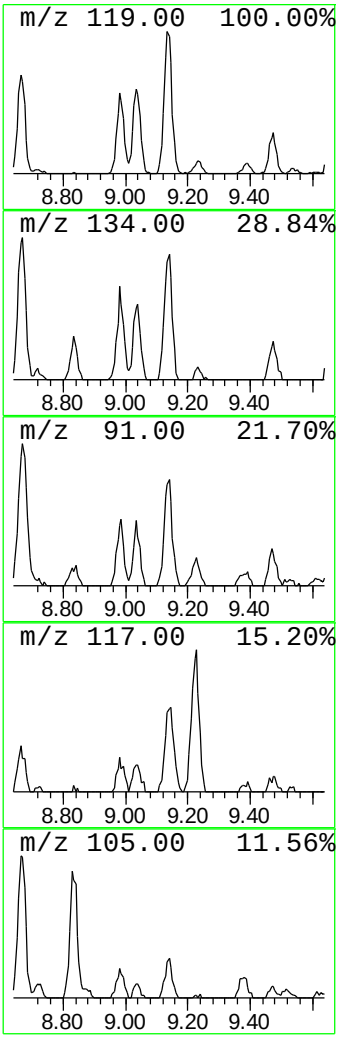
****

Peak Number 10 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	16.44 ng	149326	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	p-Cymene	134	C10H14	000099-87-6	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038971.D
Acq On : 7 Jan 2019 17:54
Operator : JU/SJ
Sample : K1061-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRE-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

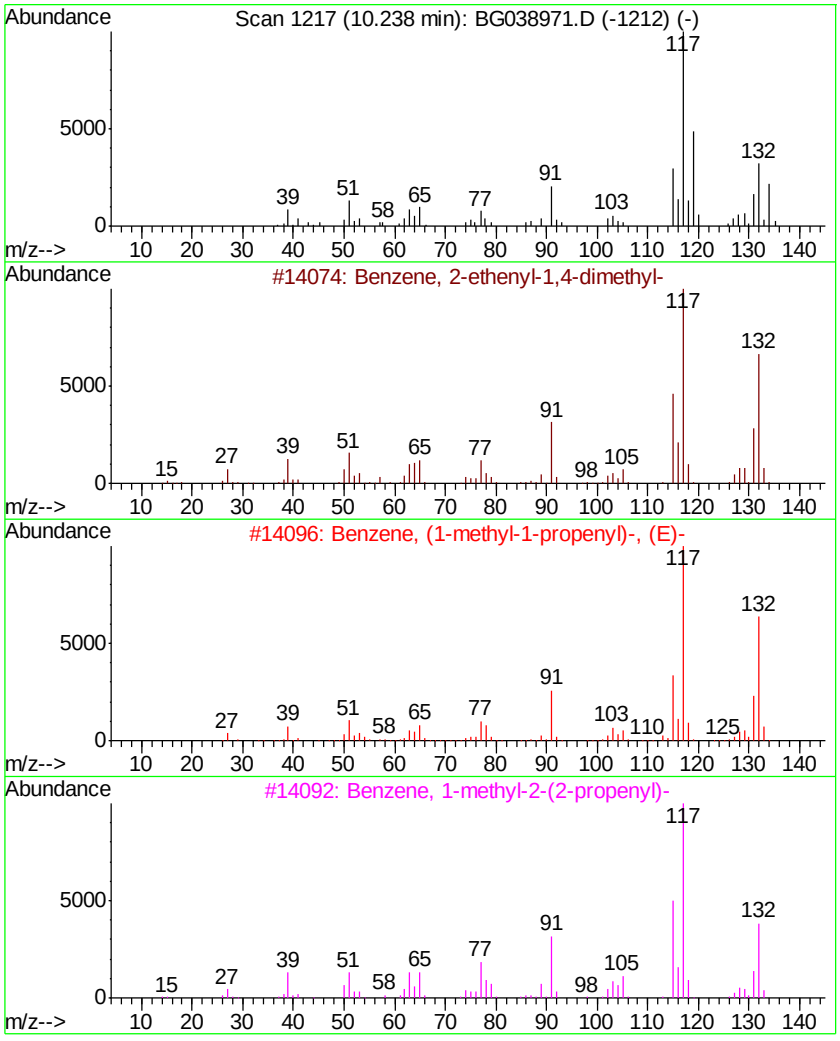
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

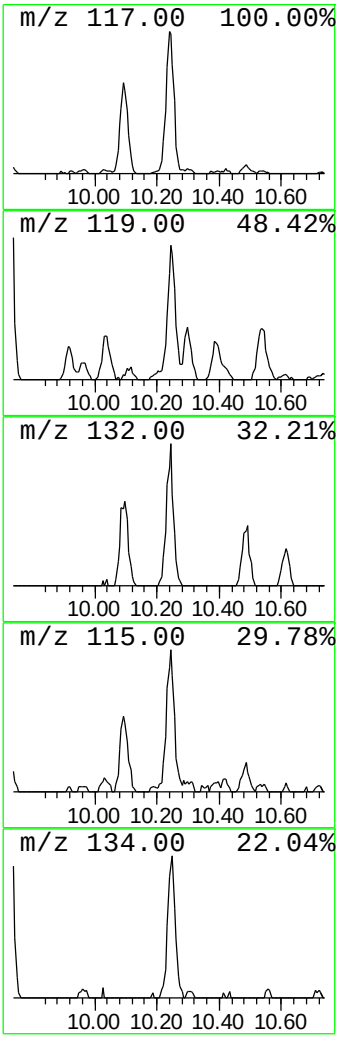
****

Peak Number 11 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	12.42 ng	141163	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	89
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	86
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038971.D
Acq On : 7 Jan 2019 17:54
Operator : JU/SJ
Sample : K1061-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRE-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

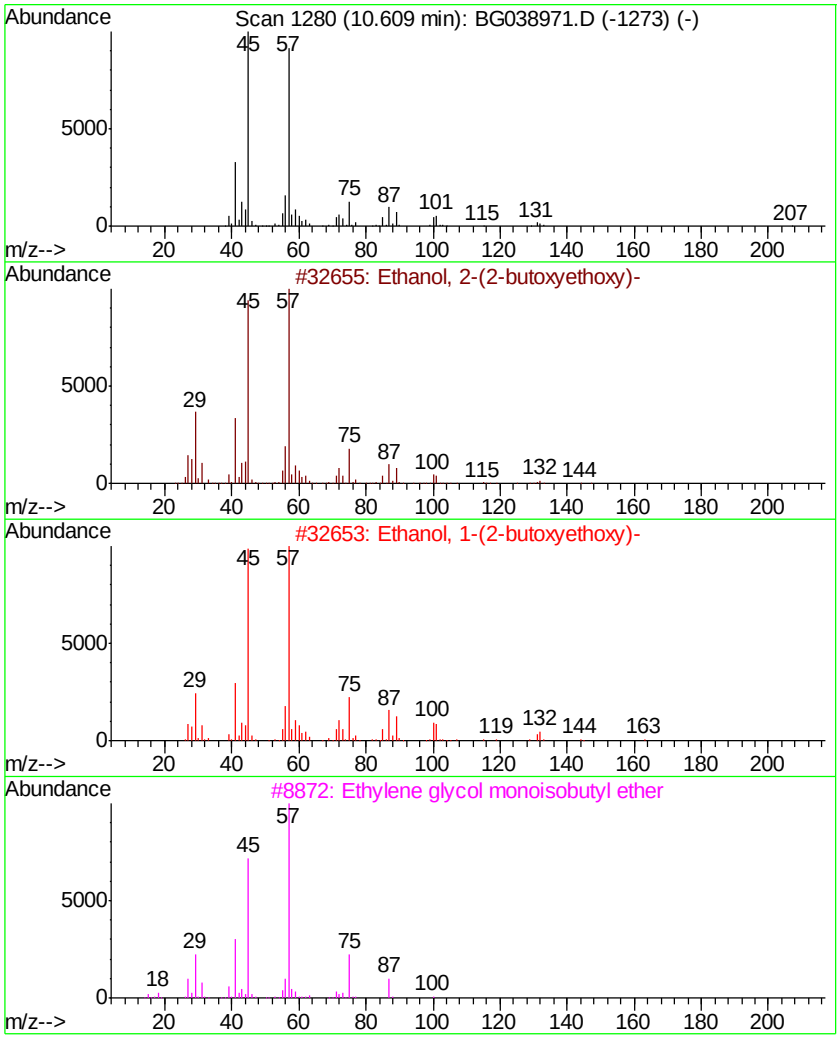
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

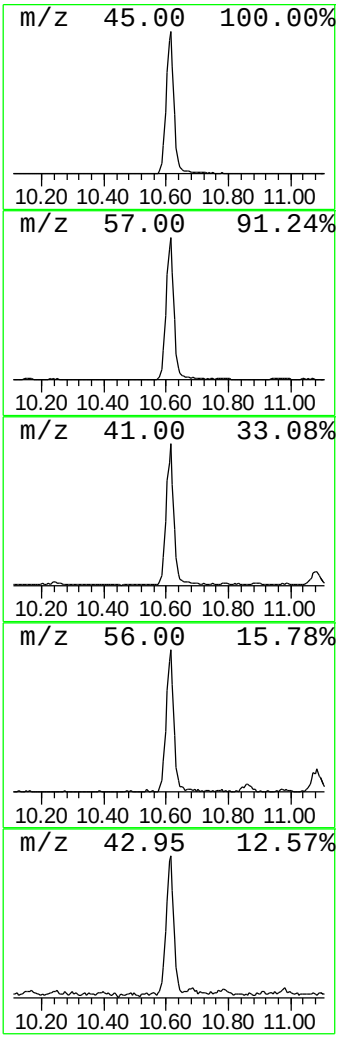
****

Peak Number 12 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	63.42 ng	720757	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	53
5	Pentaethylene glycol	238	C10H22O6	004792-15-8	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038971.D
Acq On : 7 Jan 2019 17:54
Operator : JU/SJ
Sample : K1061-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRE-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

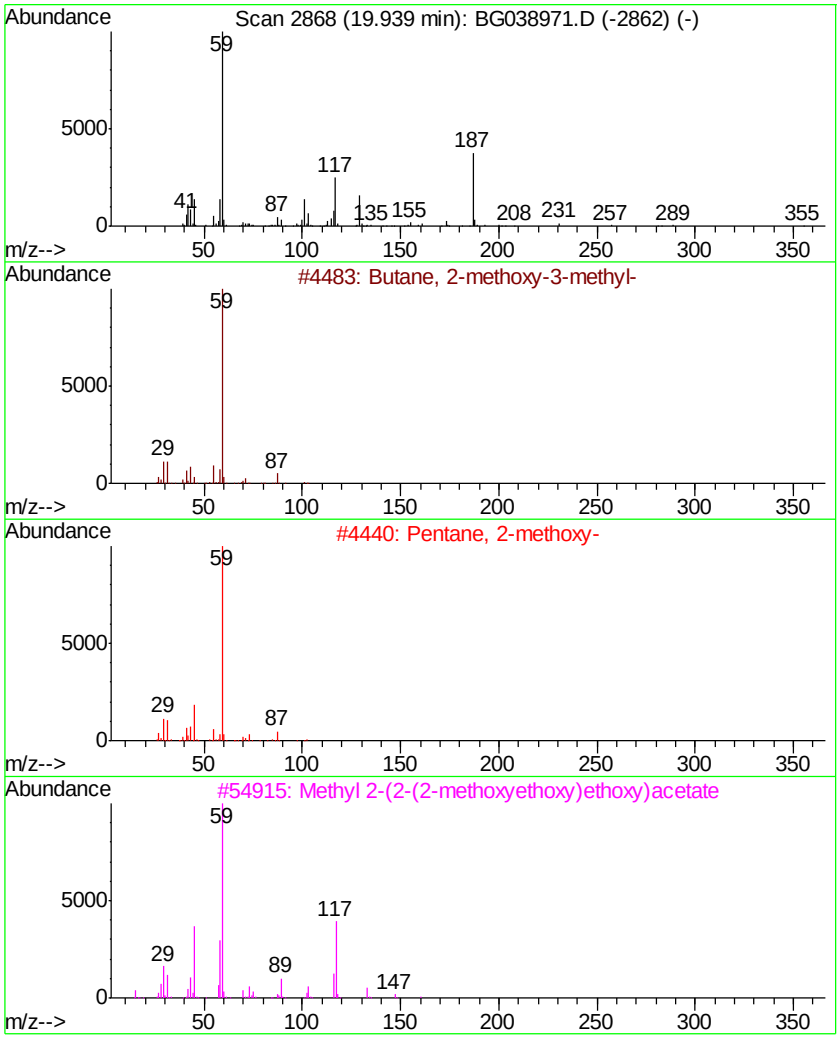
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

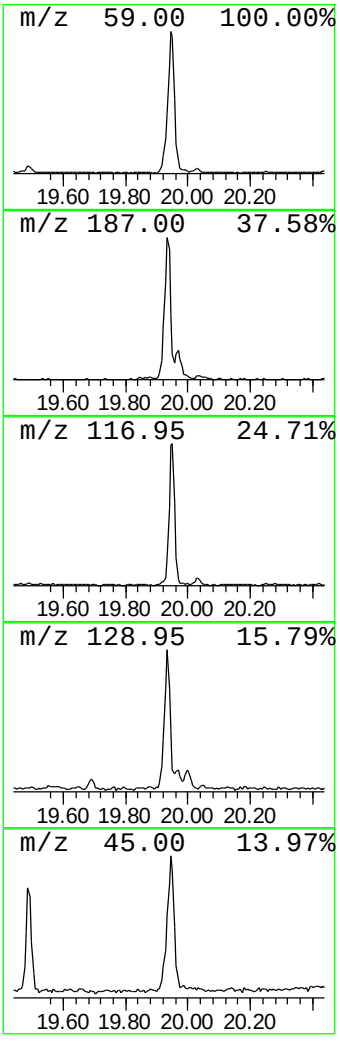
****

Peak Number 13 unknown19.94 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	17.22 ng	403666	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	43
2	Pentane, 2-methoxy-	102	C6H14O	006795-88-6	43
3	Methyl 2-(2-(2-methoxyethoxy)eth...	192	C8H16O5	1000366-88-2	38
4	Succinic acid, di(2-methoxyethyl...	234	C10H18O6	1000325-81-8	38
5	Tetraglyme	222	C10H22O5	000143-24-8	37





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038971.D
Acq On : 7 Jan 2019 17:54
Operator : JU/SJ
Sample : K1061-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRE-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

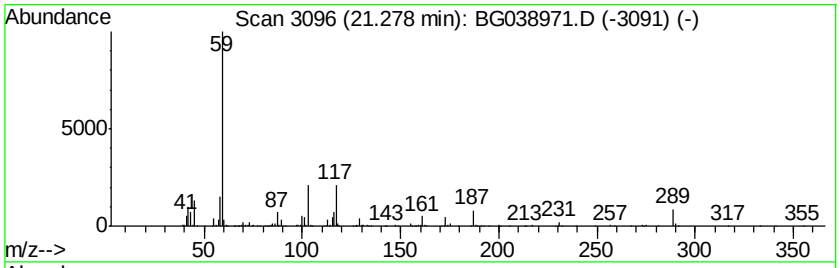
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

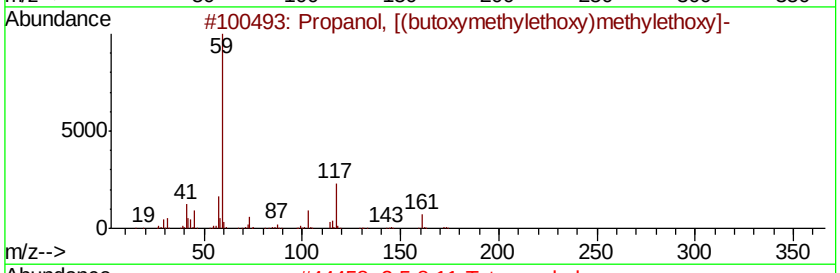
****

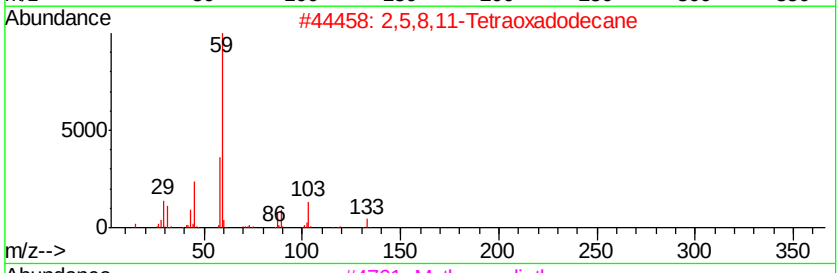
Peak Number 14 Propanol, [(butoxymethyleth... Concentration Rank 6

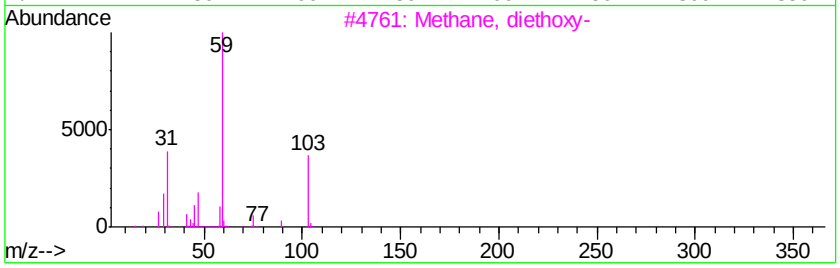
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	36.95 ng	866095	Chrysene-d12	21.71

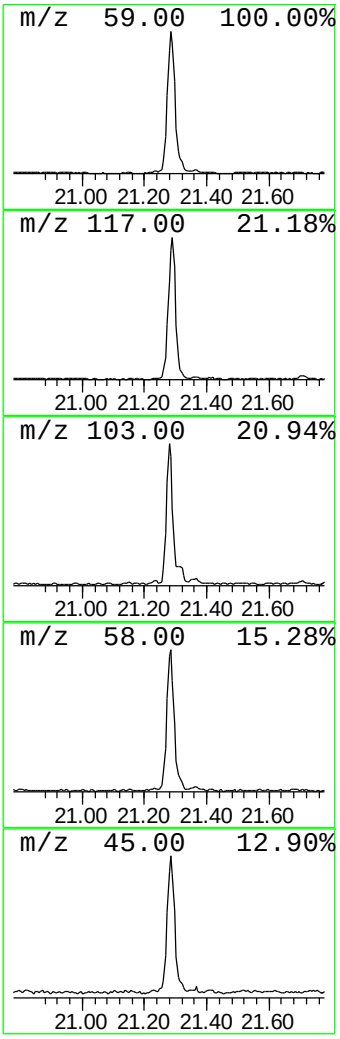
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanol, [(butoxymethylethoxy)m...	248	C13H28O4	055934-93-5	59
2	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	47
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	47
4	Tetraglyme	222	C10H22O5	000143-24-8	47
5	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	46











Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038971.D
Acq On : 7 Jan 2019 17:54
Operator : JU/SJ
Sample : K1061-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRE-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

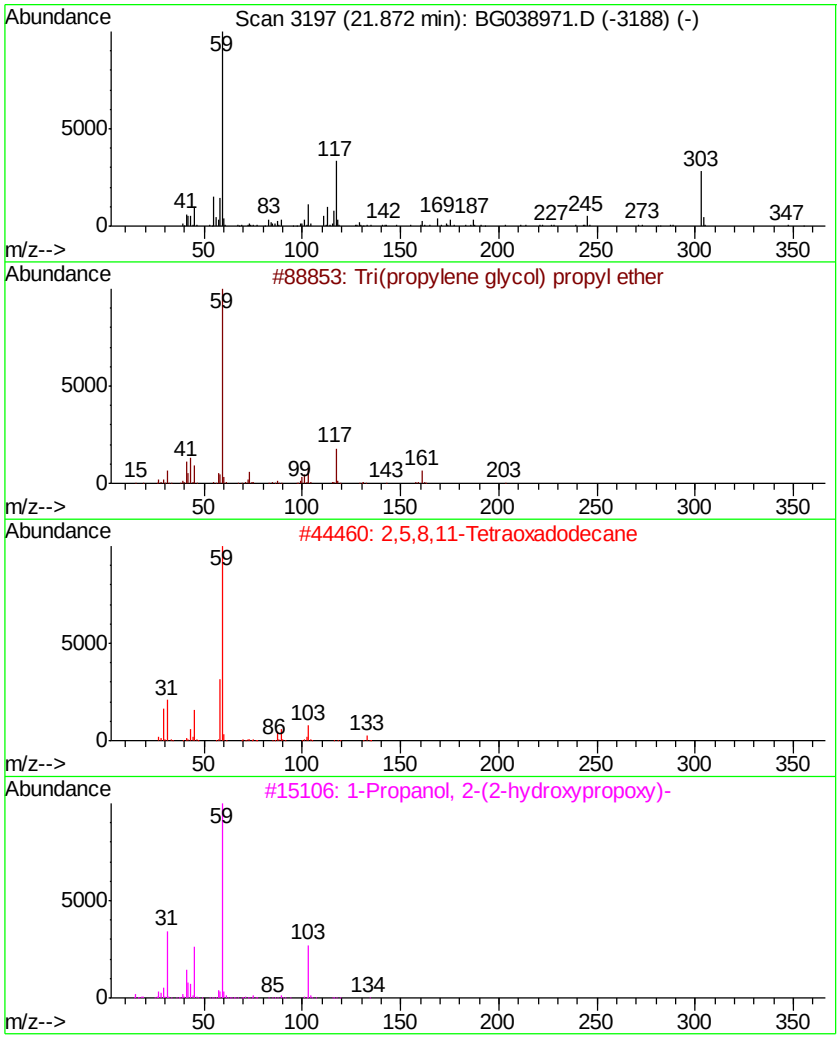
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

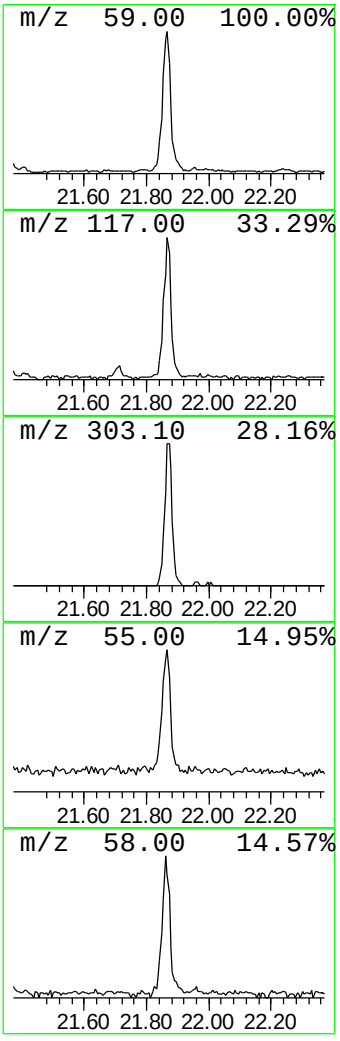
****

Peak Number 15 Tri(propylene glycol) propy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	12.93 ng	303154	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tri(propylene glycol) propyl ether	234	C12H26O4	096077-04-2	53
2	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	43
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	43
4	Methyl 2,5,8,11,14,17,20,23,26-n...	456	C20H40O11	1000366-81-1	42
5	Propanol, [(butoxymethylethoxy)m...	248	C13H28O4	055934-93-5	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038971.D
Acq On : 7 Jan 2019 17:54
Operator : JU/SJ
Sample : K1061-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRE-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

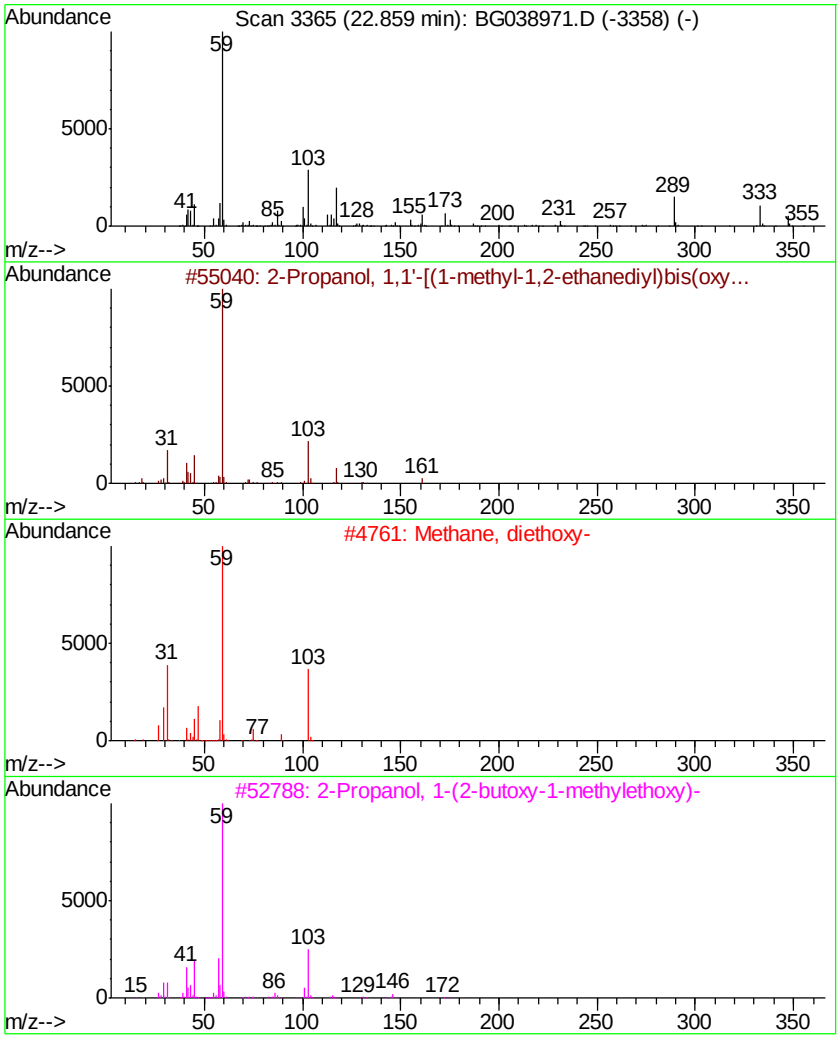
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

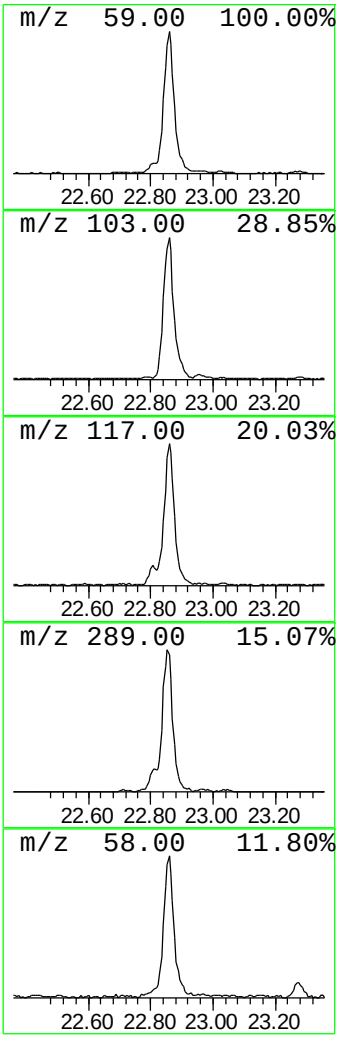
****

Peak Number 16 2-Propanol, 1,1'-[(1-methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	47.80 ng	1120390	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	50
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	49
3	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	47
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	47
5	Tri(propylene glycol) propyl ether	234	C12H26O4	096077-04-2	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038971.D
Acq On : 7 Jan 2019 17:54
Operator : JU/SJ
Sample : K1061-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRE-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

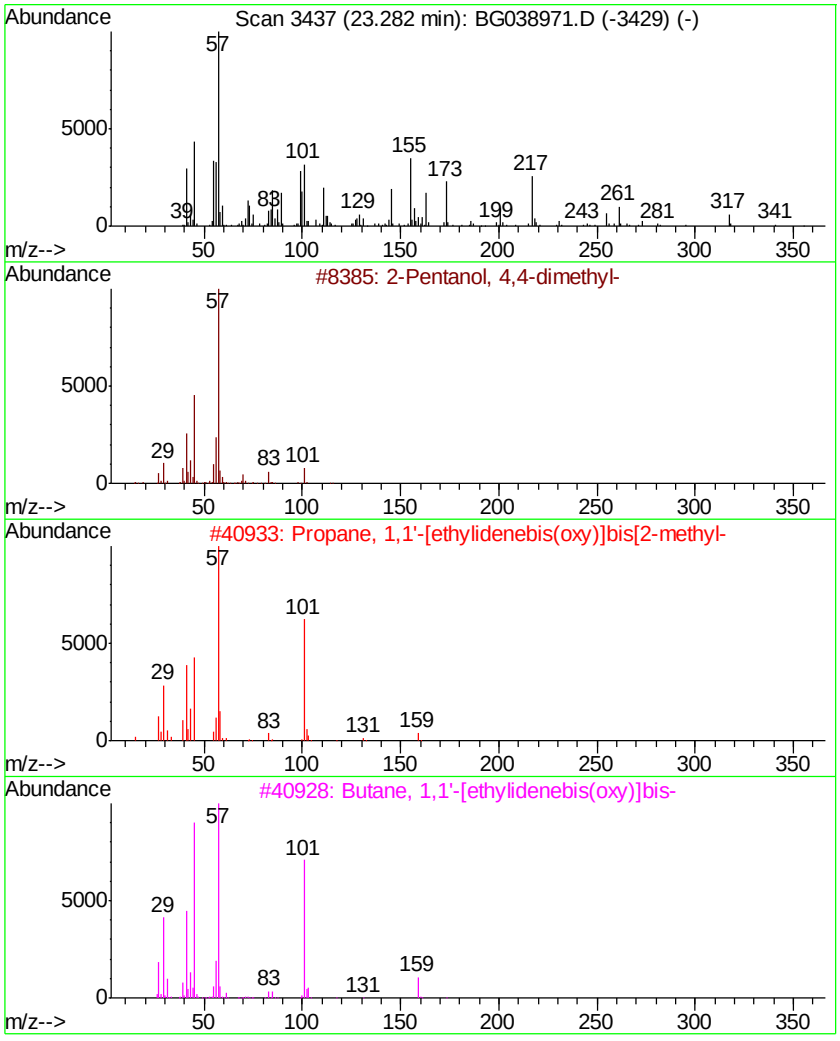
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

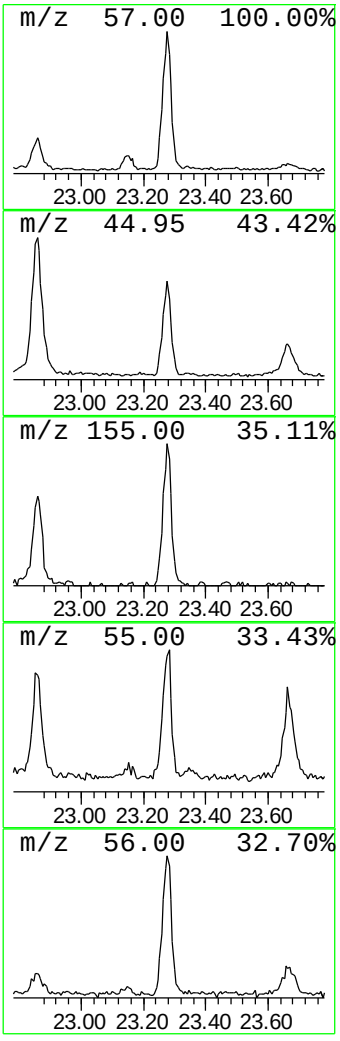
****

Peak Number 17 unknown23.28 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.28	14.40 ng	337521	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	22
2	Propane, 1,1'-[ethylidenebis(oxy...	174	C10H22O2	005669-09-0	12
3	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	12
4	2-(2-Butoxyethoxy)ethyl isobutyl...	262	C13H26O5	1000378-28-1	10
5	2-Butoxyethyl 2-(2,2-dichlorovin...	308	C14H22Cl2O3	1000223-35-5	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038971.D
Acq On : 7 Jan 2019 17:54
Operator : JU/SJ
Sample : K1061-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRE-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

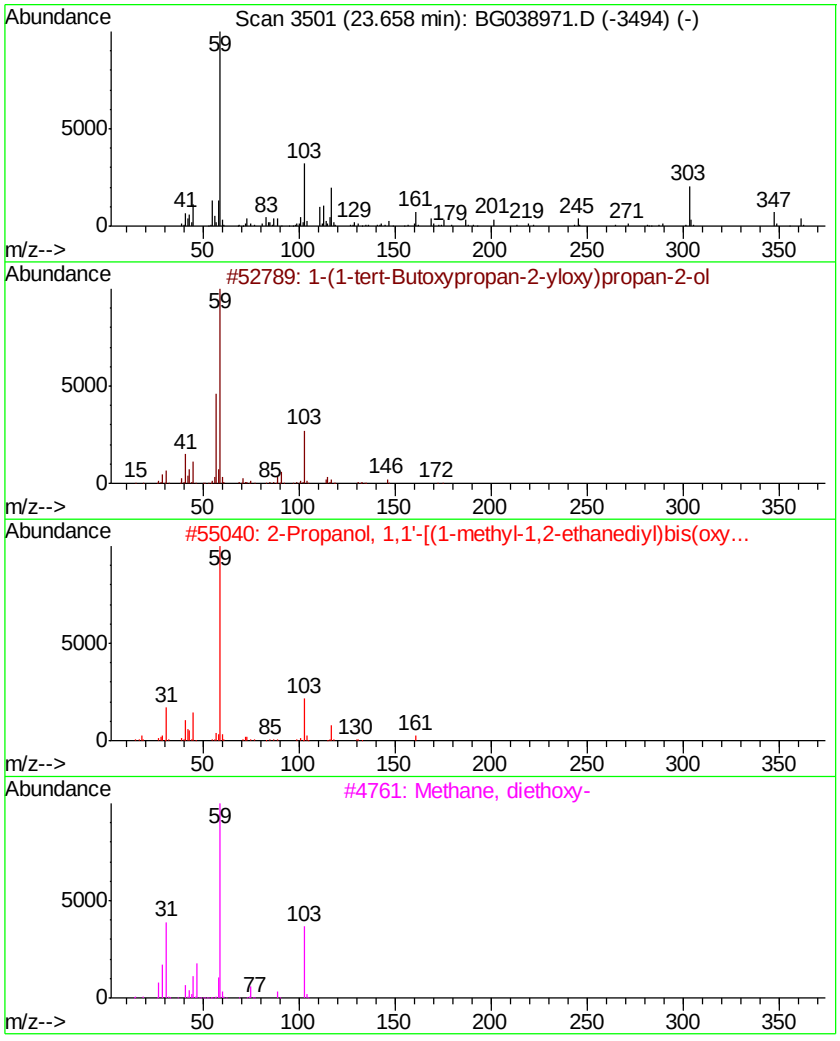
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

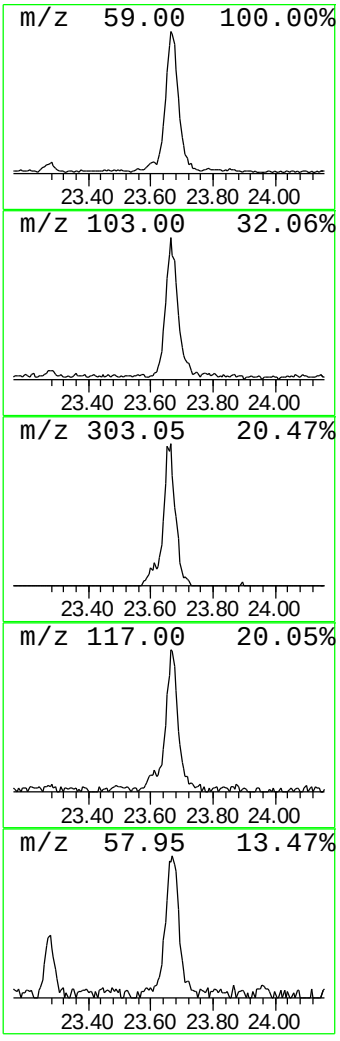
****

Peak Number 18 unknown23.66 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.66	12.01 ng	346551	Perylene-d12	25.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1-tert-Butoxypropan-2-yloxy)p...	190	C10H22O3	132739-31-2	47
2	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	47
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	46
4	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	43
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038971.D
Acq On : 7 Jan 2019 17:54
Operator : JU/SJ
Sample : K1061-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRE-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

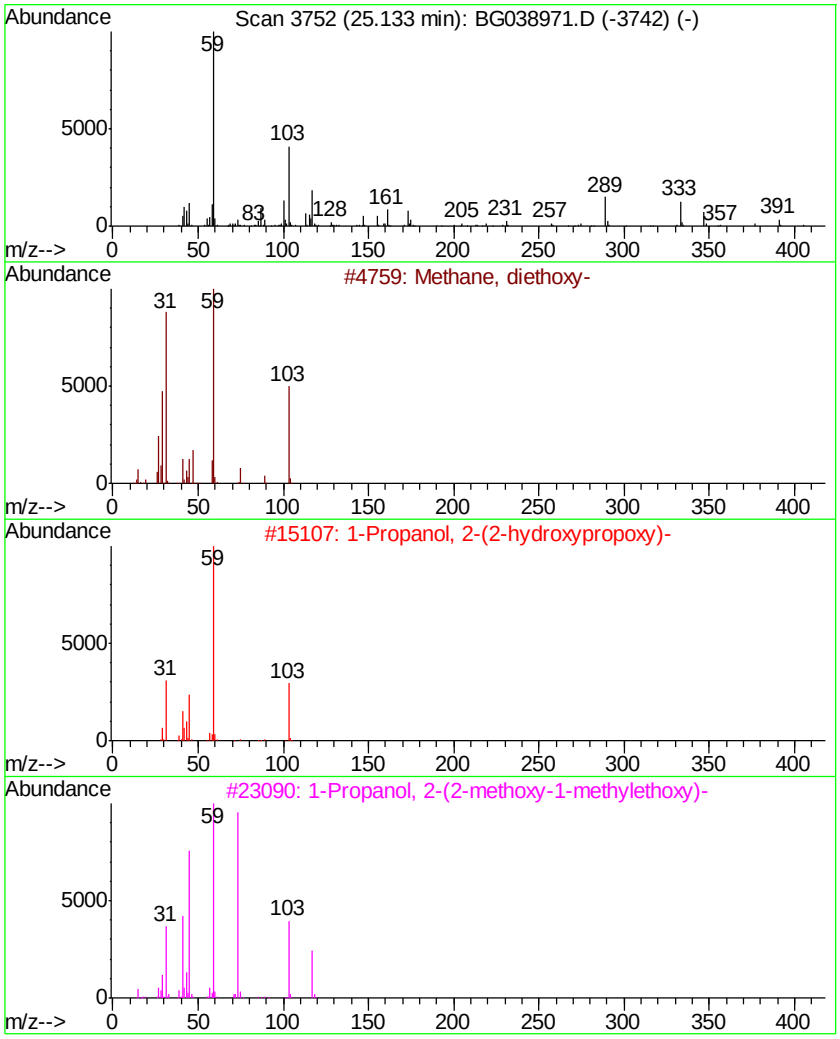
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

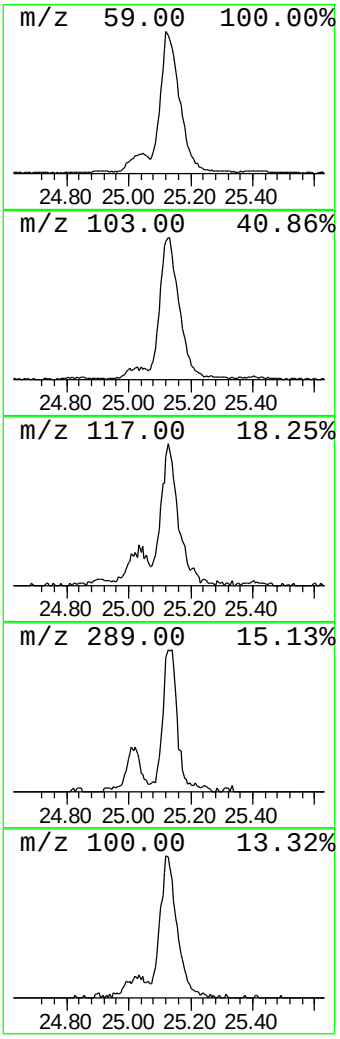
****

Peak Number 19 Methane, diethoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.13	33.34 ng	962215	Perylene-d12	25.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, diethoxy-	104	C5H12O2	000462-95-3	52
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	50
3	1-Propanol, 2-(2-methoxy-1-methy...	148	C7H16O3	055956-21-3	45
4	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	40
5	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038971.D
Acq On : 7 Jan 2019 17:54
Operator : JU/SJ
Sample : K1061-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRE-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

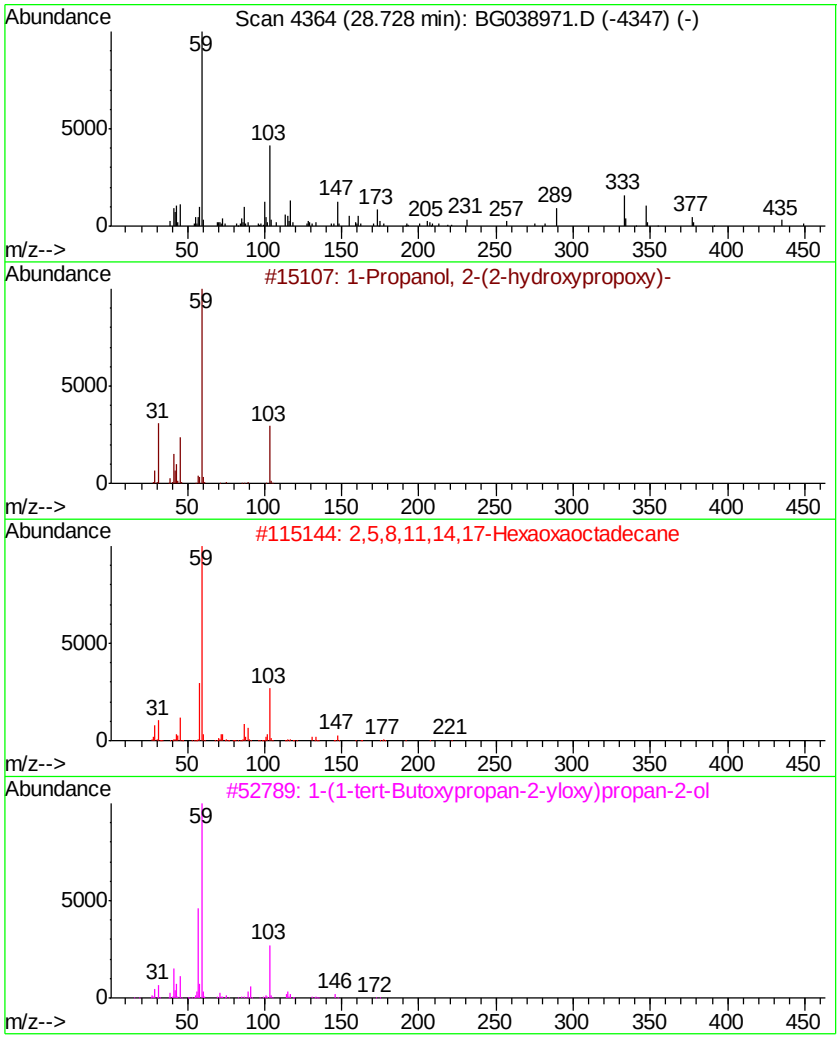
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

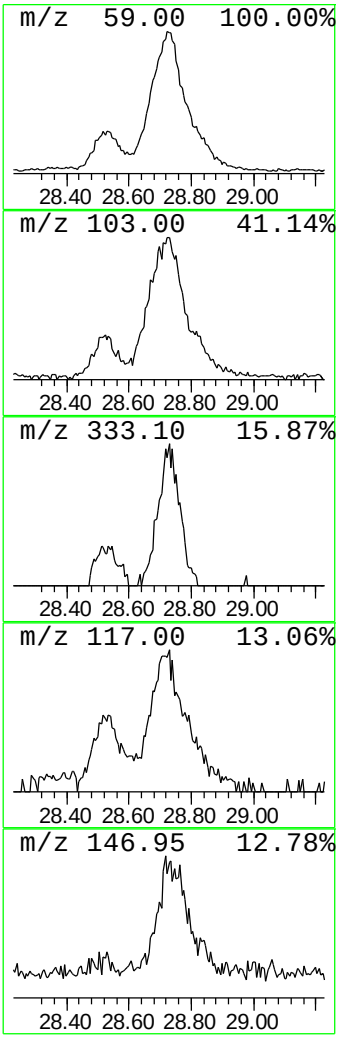
****

Peak Number 20 1-Propanol, 2-(2-hydroxypro... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.73	12.73 ng	367388	Perylene-d12	25.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
2	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	53
3	1-(1-tert-Butoxypropan-2-yloxy)p...	190	C10H22O3	132739-31-2	53
4	Methane, diethoxy-	104	C5H12O2	000462-95-3	53
5	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG010719\
Data File : BG038971.D
Acq On : 7 Jan 2019 17:54
Operator : JU/SJ
Sample : K1061-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRE-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-dime...	5.66	20.4	ng	185513	1	8.05	181632	20.0
Benzene, 1-ethyl-...	7.11	25.6	ng	232589	1	8.05	181632	20.0
unknown7.58	7.58	68.8	ng	625011	1	8.05	181632	20.0
Benzene, 1,2,3-tr...	7.68	41.2	ng	374534	1	8.05	181632	20.0
Benzene, 1,2,4-tr...	8.15	16.8	ng	152303	1	8.05	181632	20.0
Benzene, 1,4-diet...	8.66	14.4	ng	130478	1	8.05	181632	20.0
Benzene, 4-ethyl-...	9.14	16.4	ng	149326	1	8.05	181632	20.0
Benzene, 2-etheny...	10.24	12.4	ng	141163	2	10.86	227296	20.0
Ethanol, 2-(2-but...	10.61	63.4	ng	720757	2	10.86	227296	20.0
unknown19.94	19.94	17.2	ng	403666	5	21.71	468739	20.0
Propanol, [(butox...	21.28	37.0	ng	866095	5	21.71	468739	20.0
Tri(propylene gly...	21.87	12.9	ng	303154	5	21.71	468739	20.0
2-Propanol, 1,1'-...	22.86	47.8	ng	1120390	5	21.71	468739	20.0
unknown23.28	23.28	14.4	ng	337521	5	21.71	468739	20.0
unknown23.66	23.66	12.0	ng	346551	6	25.00	577144	20.0
Methane, diethoxy-	25.13	33.3	ng	962215	6	25.00	577144	20.0
1-Propanol, 2-(2-...	28.73	12.7	ng	367388	6	25.00	577144	20.0