LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046960.D
Acq On : 18 Oct 2020 4:25
Operator : CG/JU
Sample : L4259-08DL2 40X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL2

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.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	6.073	460	465	472	rVB2	10826	18049	0.72%	0.202%
2	7.154	646	649	652	rVB3	5322	6006	0.24%	0.067%
3	7.213	657	659	667	rVB5	3545	5627	0.23%	0.063%
4	7.389	687	689	694	rVB4	3328	5204	0.21%	0.058%
5	7.454	697	700	705	rVB3	10610	14576	0.58%	0.163%
6	7.606	721	726	730	rBV4	3348	6262	0.25%	0.070%
7	7.718	737	745	752	rBV3	27281	42001	1.68%	0.470%
8	8.070	797	805	813	rBV	188801	317260	12.69%	3.547%
9	8.182	819	824	831	rVB2	27117	42535	1.70%	0.476%
10	8.452	864	870	876	rVB5	4357	8524	0.34%	0.095%
11	8.711	909	914	919	rVB5	3822	6972	0.28%	0.078%
12	9.028	964	968	972	rVV3	4488	7503	0.30%	0.084%
13	9.075	972	976	983	rVB4	4302	6685	0.27%	0.075%
14	9.175	990	993	998	rVB4	6314	9964	0.40%	0.111%
15	9.234	998	1003	1005	rBV5	4404	8034	0.32%	0.090%
16	9.257	1005	1007	1013	rVB3	4732	7928	0.32%	0.089%
17	9.704	1078	1083	1085	rBV2	5409	7833	0.31%	0.088%
18	9.757	1088	1092	1098	rVV2	8436	13607	0.54%	0.152%
19	9.962	1122	1127	1130	rBV3	4692	5997	0.24%	0.067%
20	10.274	1174	1180	1187	rBV4	13839	23709	0.95%	0.265%
21	10.509	1213	1220	1228	rVB5	7483	15719	0.63%	0.176%
22	10.738	1256	1259	1268	rVB6	5360	11366	0.45%	0.127%
23	10.879	1273	1283	1292	rBV	268794	476007	19.03%	5.322%
24	11.584	1398	1403	1407	rVB5	5781	9823	0.39%	0.110%
25	11.984	1467	1471	1474	rBV4	2949	4840	0.19%	0.054%
26	12.677	1585	1589	1594	rVV4	10150	15334	0.61%	0.171%
27	12.747	1594	1601	1606	rVV2	43907	80598	3.22%	0.901%
28	12.841	1612	1617	1620	rBV5	5513	8179	0.33%	0.091%
29	13.041	1646	1651	1655	rVB4	2618	4881	0.20%	0.055%
30	13.206	1673	1679	1682	rVV3	16183	28635	1.15%	0.320%
31	13.229	1682	1683	1690	rVB5	7184	9650	0.39%	0.108%
32	13.394	1705	1711	1720	rBV2	105300	173282	6.93%	1.937%
33	13.517	1726	1732	1734	rBV4	3888	6132	0.25%	0.069%
34	13.705	1760	1764	1769	rVB5	6425	9652	0.39%	0.108%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046960.D
Acq On : 18 Oct 2020 4:25
Operator : CG/JU
Sample : L4259-08DL2 40X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL2

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Title : SVOA CALIBRATION

35	13.752	1769	1772	1777	rVB2	7170	10140	0.41%	0.113%
36	13.864	1786	1791	1801	rVB4	19049	48183	1.93%	0.539%
37	14.011	1811	1816	1822	rBV3	31986	62477	2.50%	0.699%
38	14.075	1822	1827	1828	rVV	20465	25736	1.03%	0.288%
39	14.093	1828	1830	1835	rVB2	18647	23053	0.92%	0.258%
40	14.251	1853	1857	1860	rBV2	12989	17922	0.72%	0.200%
41	14.287	1860	1863	1869	rVB6	8490	13694	0.55%	0.153%
42	14.392	1876	1881	1884	rBV	17337	29506	1.18%	0.330%
43	14.581	1910	1913	1917	rBV4	6215	9066	0.36%	0.101%
44	14.698	1924	1933	1939	rBV2	482496	756996	30.27%	8.464%
45	14.769	1939	1945	1952	rVB6	4419	10488	0.42%	0.117%
46	14.868	1958	1962	1963	rBV4	4279	5411	0.22%	0.060%
47	14.898	1963	1967	1968	rVV4	3725	5274	0.21%	0.059%
48	15.092	1994	2000	2006	rBV4	9710	18786	0.75%	0.210%
49	15.156	2008	2011	2012	rBV2	7053	5562	0.22%	0.062%
50	15.233	2019	2024	2031	rBV	160328	242194	9.69%	2.708%
51	15.315	2033	2038	2044	rVV2	75468	117457	4.70%	1.313%
52	15.356	2044	2045	2049	rVV3	5140	5239	0.21%	0.059%
53	15.421	2053	2056	2059	rBV4	4069	5197	0.21%	0.058%
54	15.456	2059	2062	2065	rVV4	5817	7359	0.29%	0.082%
55	15.479	2065	2066	2069	rVV	6403	6117	0.24%	0.068%
56	15.526	2071	2074	2078	rVB4	7937	12348	0.49%	0.138%
57	15.620	2084	2090	2096	rBV4	8984	23348	0.93%	0.261%
58	15.685	2096	2101	2106	rVV2	21479	33082	1.32%	0.370%
59	15.738	2106	2110	2112	rVV4	9560	9503	0.38%	0.106%
60	15.808	2116	2122	2129	rBV	104773	174434	6.98%	1.950%
61	15.867	2129	2132	2138	rVV7	8447	15817	0.63%	0.177%
62	15.955	2142	2147	2150	rVV6	7602	10278	0.41%	0.115%
63	16.020	2153	2158	2163	rVB6	9156	16688	0.67%	0.187%
64	16.085	2166	2169	2170	rBV3	5227	5155	0.21%	0.058%
65	16.096	2170	2171	2175	rVB3	6235	7132	0.29%	0.080%
66	16.396	2220	2222	2224	rVV3	7297	6886	0.28%	0.077%
67	16.414	2224	2225	2230	rVB5	7222	8377	0.33%	0.094%
68	16.731	2278	2279	2284	rVB5	4244	5818	0.23%	0.065%
69	16.784	2284	2288	2291	rBV5	7226	12183	0.49%	0.136%
70	16.972	2318	2320	2324	rVB5	4430	5689	0.23%	0.064%
71	17.089	2332	2340	2347	rBV	1695573	2500699	100.00%	27.959%

LSC Area Percent Report

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Acq On : 18 Oct 2020 4:25
Operator : CG/JU
Sample : L4259-08DL2 40X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL2

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Title : SVOA CALIBRATION

72	17.183	2354	2356	2360	rVB5	4475	5141	0.21%	0.057%
73	17.389	2387	2391	2394	rBV4	7306	8823	0.35%	0.099%
74	17.442	2394	2400	2405	rVV	638302	935081	37.39%	10.455%
75	17.477	2405	2406	2411	rVB2	12400	12681	0.51%	0.142%
76	17.536	2411	2416	2423	rBV3	36160	57152	2.29%	0.639%
77	17.630	2429	2432	2436	rBV6	5738	8840	0.35%	0.099%
78	17.747	2448	2452	2455	rVV6	3537	6089	0.24%	0.068%
79	17.888	2473	2476	2480	rBV6	6042	8654	0.35%	0.097%
80	17.930	2480	2483	2488	rVB7	5380	6740	0.27%	0.075%
81	18.082	2506	2509	2512	rVV5	5034	7055	0.28%	0.079%
82	18.112	2512	2514	2516	rVV3	5823	5964	0.24%	0.067%
83	18.135	2516	2518	2519	rVV2	7137	5697	0.23%	0.064%
84	18.229	2530	2534	2536	rVB5	5121	5516	0.22%	0.062%
85	18.317	2544	2549	2552	rBV5	15115	26372	1.05%	0.295%
86	18.358	2554	2556	2559	rVB4	7887	6286	0.25%	0.070%
87	18.505	2576	2581	2585	rBV8	7286	11719	0.47%	0.131%
88	18.611	2597	2599	2604	rVB5	5422	6880	0.28%	0.077%
89	18.652	2604	2606	2609	rBV4	5526	5336	0.21%	0.060%
90	18.969	2659	2660	2664	rVB4	6579	5559	0.22%	0.062%
91	19.204	2695	2700	2701	rBV5	5881	8080	0.32%	0.090%
92	19.322	2717	2720	2722	rBV4	5837	7952	0.32%	0.089%
93	19.351	2724	2725	2728	rBV3	5809	5519	0.22%	0.062%
94	19.821	2796	2805	2808	rBV2	39321	67711	2.71%	0.757%
95	20.803	2970	2972	2974	rBV3	8796	6691	0.27%	0.075%
96	21.707	3120	3126	3137	rVB	640396	989678	39.58%	11.065%
97	23.758	3473	3475	3476	rBV2	8648	4916	0.20%	0.055%
98	24.716	3634	3638	3639	rBV4	12490	14472	0.58%	0.162%
99	24.945	3668	3677	3691	rVB2	343280	1001612	40.05%	11.199%
100	27.272	4071	4073	4077	rBV5	10085	10159	0.41%	0.114%

Sum of corrected areas: 8944043

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046960.D
Acq On : 18 Oct 2020 4:25
Operator : CG/JU
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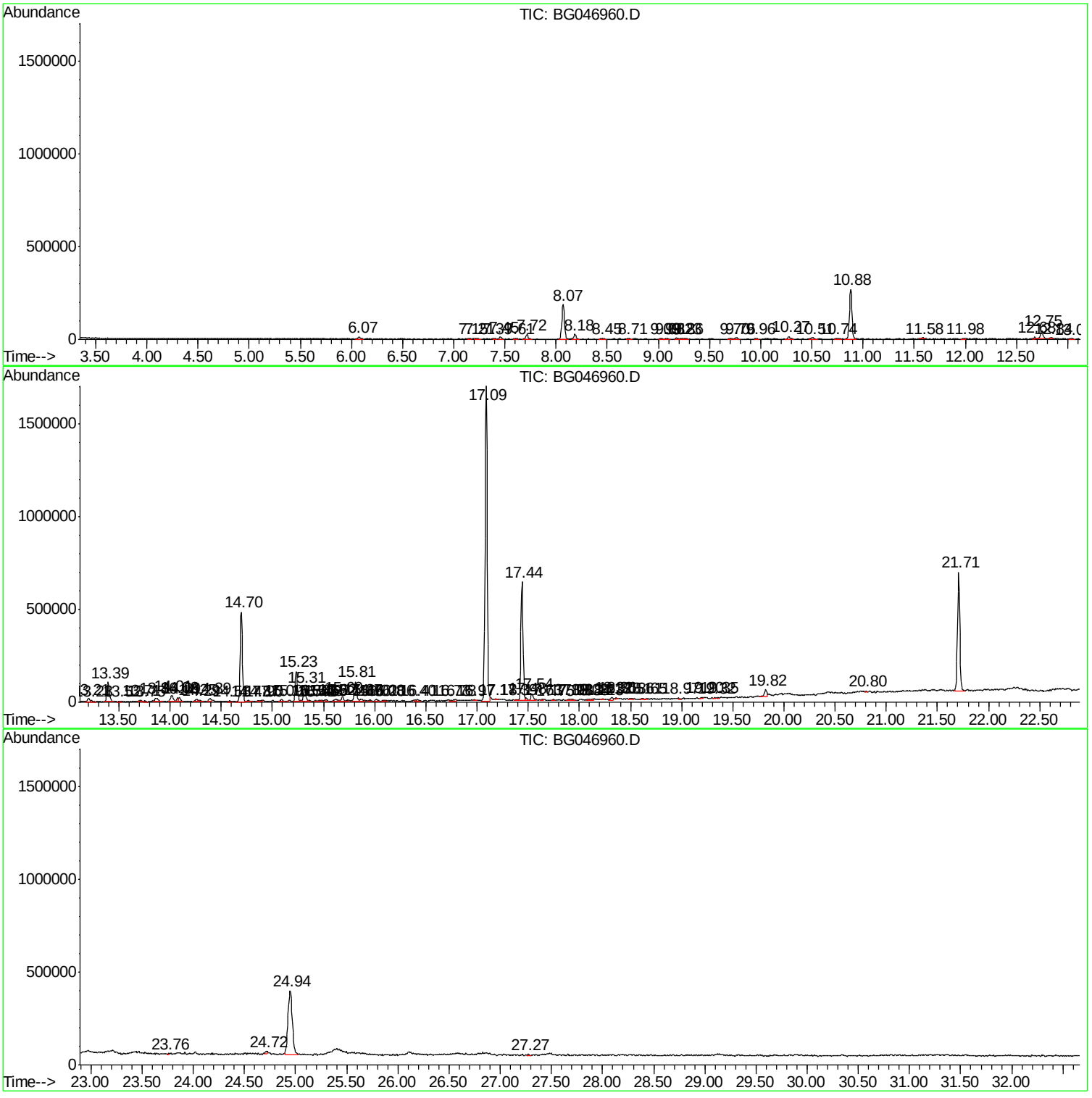
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046960.D
Acq On : 18 Oct 2020 4:25
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Quant Title : SVOA CALIBRATION

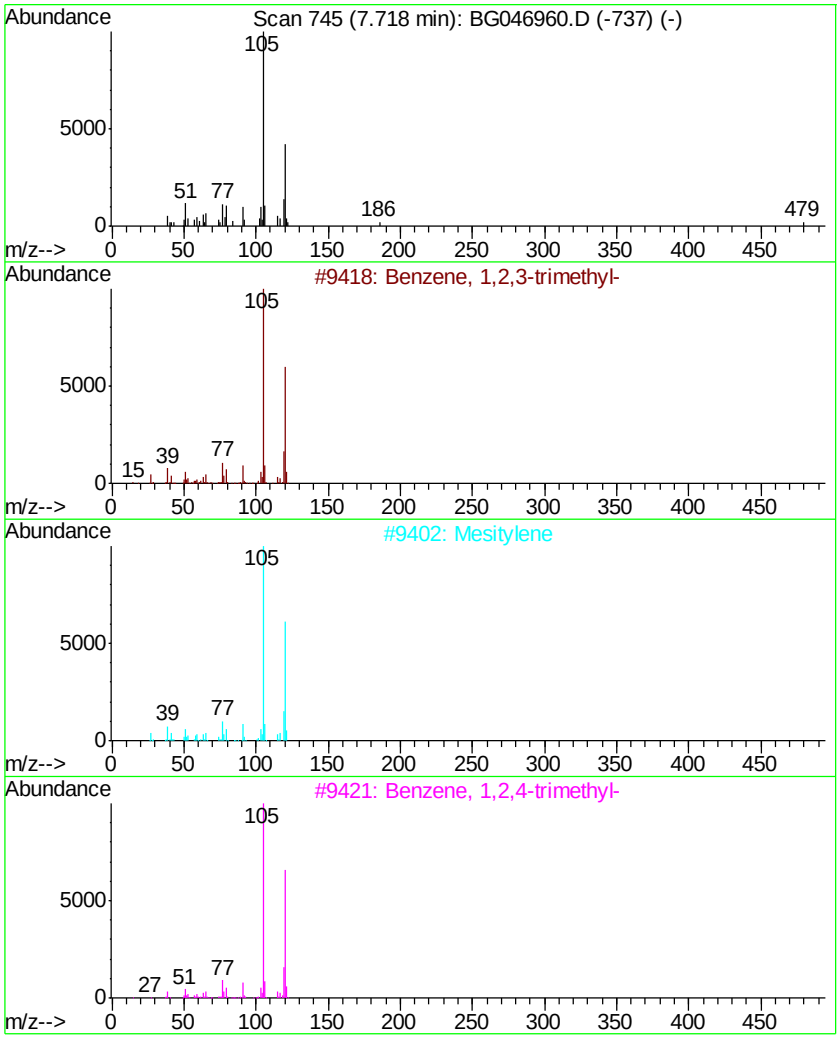
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

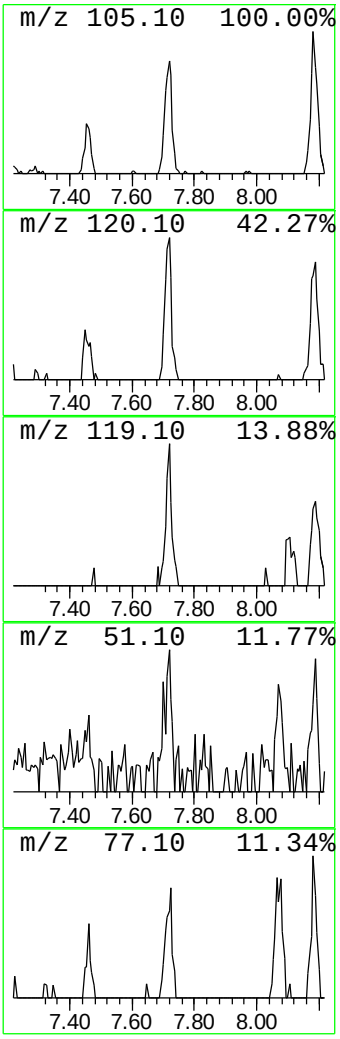
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	2.65 ng/ul	42001	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046960.D
Acq On : 18 Oct 2020 4:25
Operator : CG/JU
Sample : L4259-08DL2 40X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

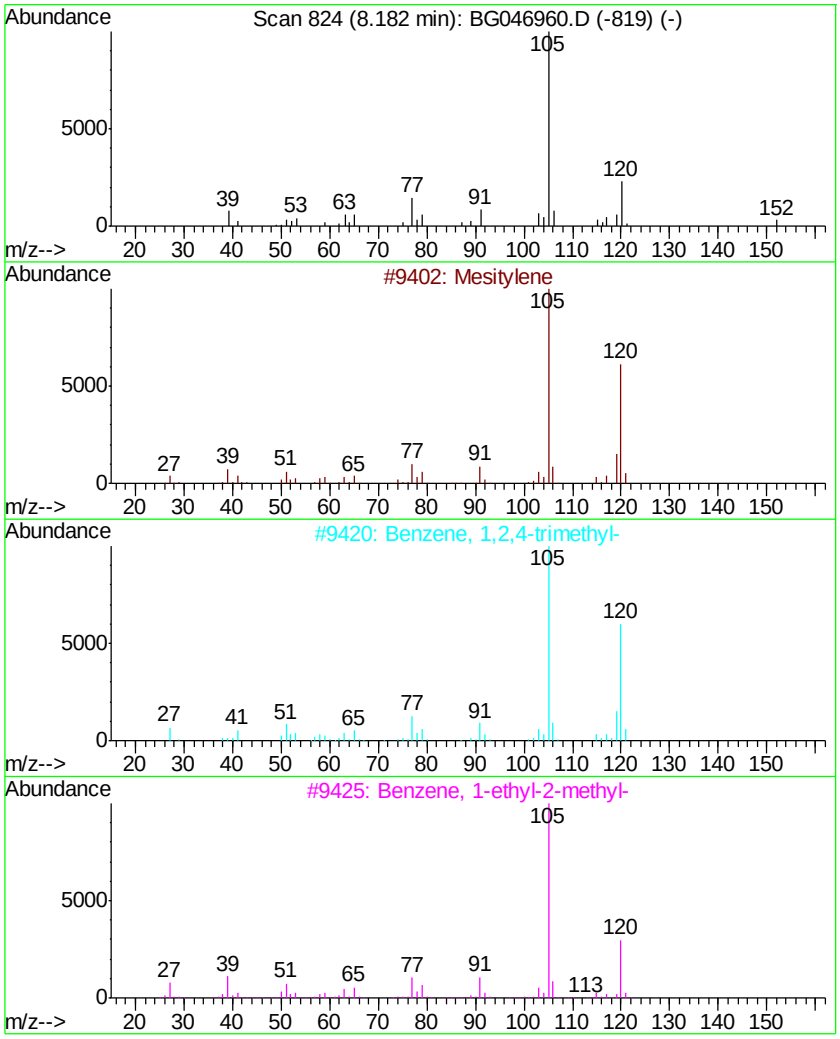
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

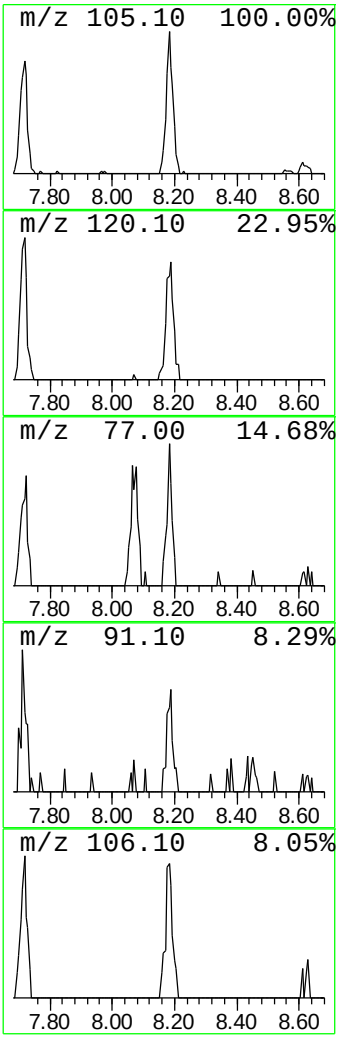
****

Peak Number 2 Mesitylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	2.68 ng/ul	42535	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	87
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	86
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	78





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

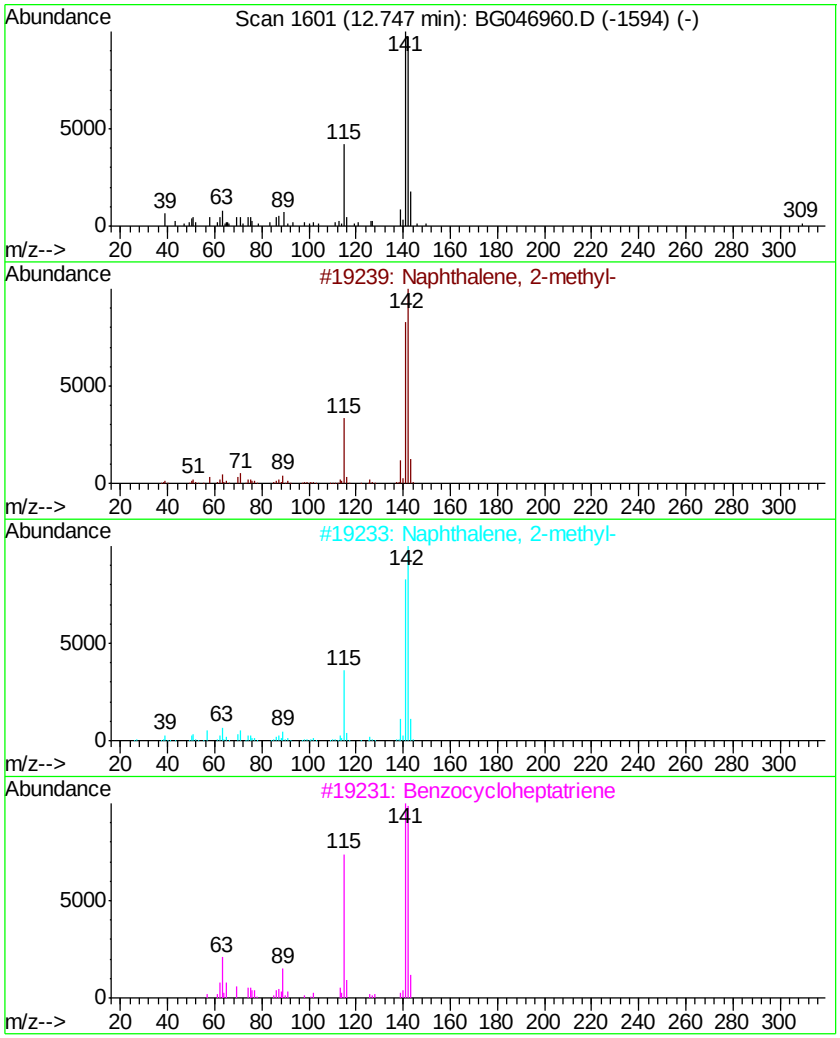
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

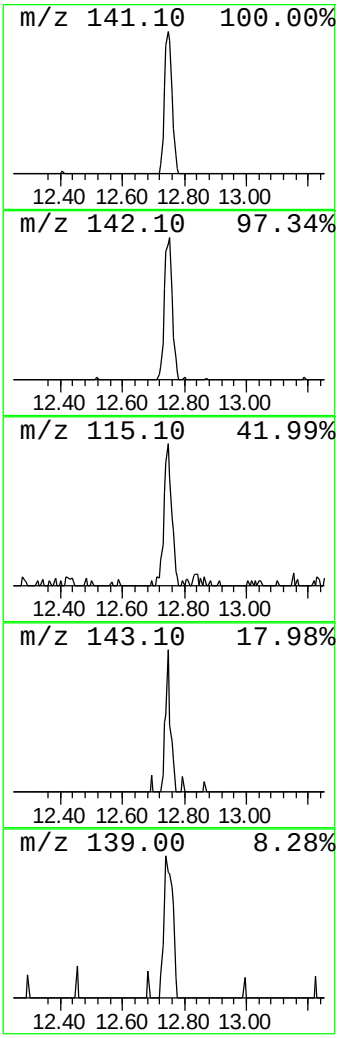
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	3.39 ng/ul	80598	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

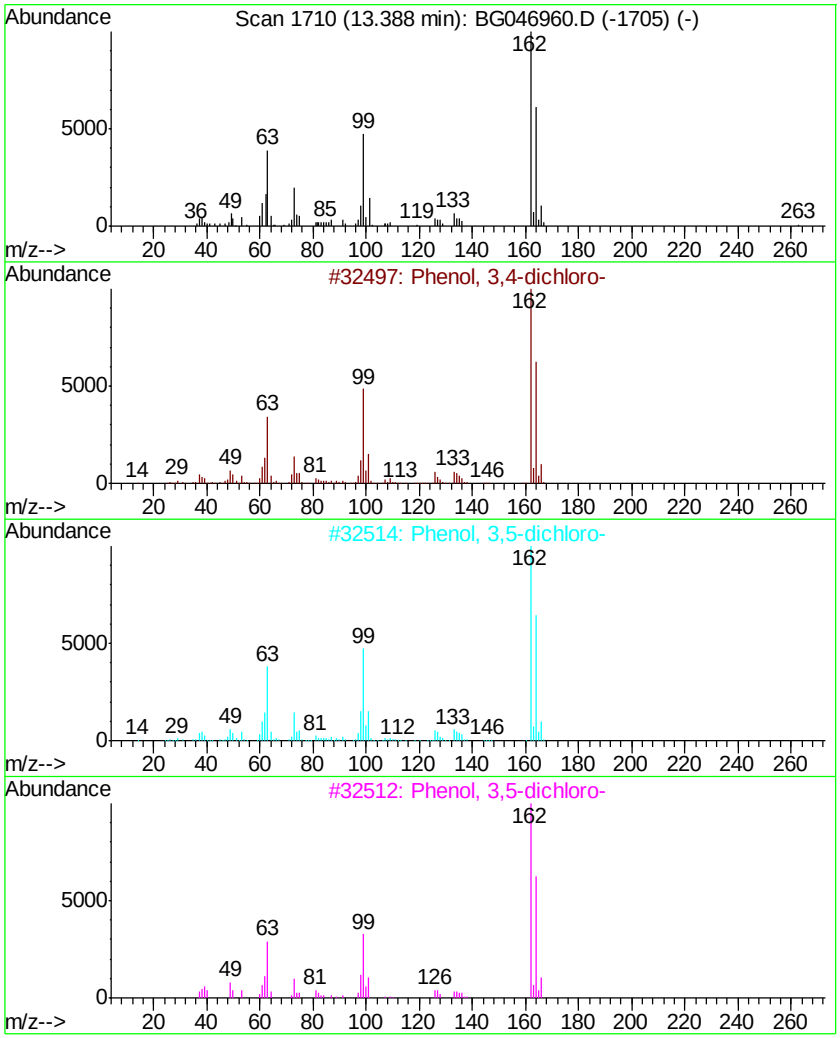
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

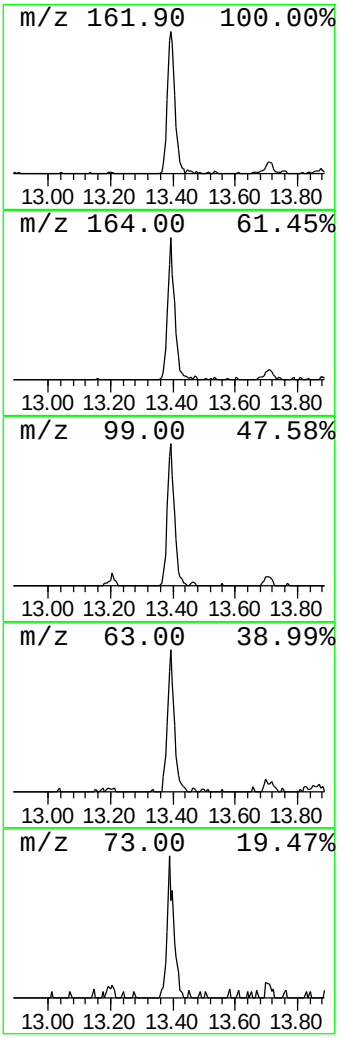
****

Peak Number 4 Phenol, 3,4-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	4.58 ng/ul	173282	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	97
2	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	97
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	94
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	93
5	Phenol, 2,5-dichloro-	162	C6H4Cl2O	000583-78-8	93





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Data File : BG046960.D
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Operator : CG/JU
Sample : L4259-08DL2 40X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

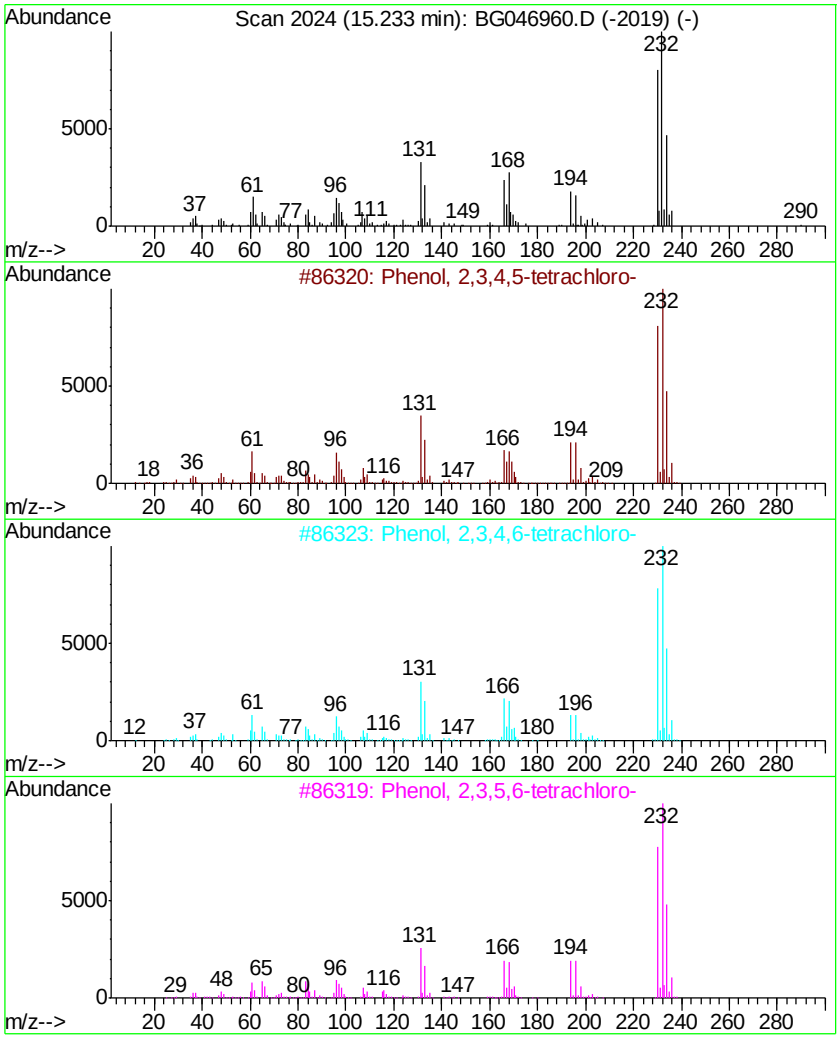
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

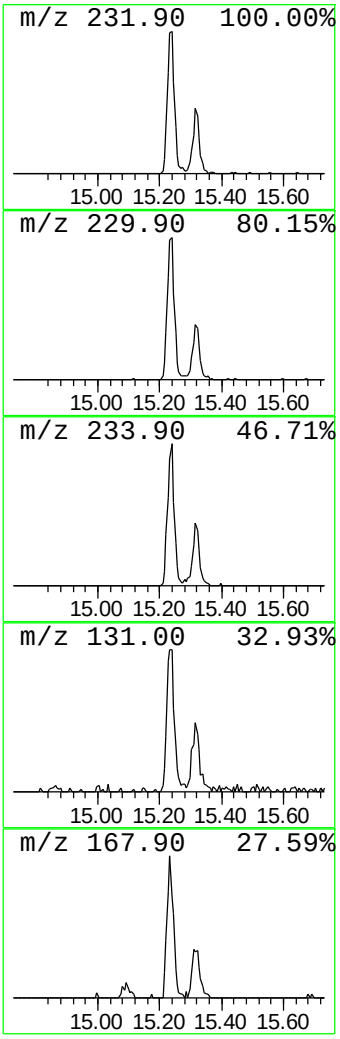
****

Peak Number 5 Phenol, 2,3,4,5-tetrachloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	6.40 ng/ul	242194	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	99
2	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	98
3	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	98
4	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	97
5	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101720\
Data File : BG046960.D
Acq On : 18 Oct 2020 4:25
Operator : CG/JU
Sample : L4259-08DL2 40X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CF7DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA 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, 1,2,3-tr...	7.72	2.6	ng/ul	42001	1	8.07	317260	20.0
Mesitylene	8.18	2.7	ng/ul	42535	1	8.07	317260	20.0
Naphthalene, 1-me...	12.75	3.4	ng/ul	80598	2	10.88	476007	20.0
Phenol, 3,4-dichl...	13.39	4.6	ng/ul	173282	3	14.70	756996	20.0
Phenol, 2,3,4,5-t...	15.23	6.4	ng/ul	242194	3	14.70	756996	20.0