LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
Data File : BG045624.D
Acq On : 5 Jun 2020 20:12
Operator : CG/JU
Sample : L2859-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-UST

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-BG051520.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	3.644	80	94	104	rBV3	241592	674718	14.97%	1.124%
2	3.908	131	139	154	rVV6	86050	327357	7.26%	0.545%
3	4.125	168	176	180	rBV2	81418	176476	3.92%	0.294%
4	4.172	180	184	192	rVB3	70574	148594	3.30%	0.247%
5	4.313	202	208	221	rVB5	127308	368536	8.18%	0.614%
6	4.448	221	231	241	rBV7	99080	357757	7.94%	0.596%
7	4.595	247	256	260	rBV2	94630	222031	4.93%	0.370%
8	4.930	303	313	318	rBV3	71856	192267	4.27%	0.320%
9	5.095	336	341	345	rBV3	85509	160520	3.56%	0.267%
10	5.147	345	350	357	rVB4	188280	384308	8.53%	0.640%
11	5.241	357	366	374	rVB4	80093	173141	3.84%	0.288%
12	5.541	408	417	421	rBV	304025	597694	13.26%	0.996%
13	5.594	421	426	435	rVB	486824	1234091	27.38%	2.055%
14	5.829	461	466	471	rVV4	113565	229431	5.09%	0.382%
15	5.911	475	480	483	rVV4	113563	239004	5.30%	0.398%
16	5.958	483	488	495	rVV	404700	820335	18.20%	1.366%
17	6.034	495	501	516	rVB4	105942	305570	6.78%	0.509%
18	6.216	526	532	546	rVB3	198967	454666	10.09%	0.757%
19	6.451	565	572	579	rBV6	154946	392237	8.70%	0.653%
20	6.692	608	613	621	rVB6	112140	270118	5.99%	0.450%
21	6.775	621	627	631	rBV4	65304	112206	2.49%	0.187%
22	6.845	631	639	649	rVB6	115383	312653	6.94%	0.521%
23	6.945	649	656	659	rBV6	51852	111647	2.48%	0.186%
24	6.998	659	665	668	rVV	280694	478859	10.62%	0.798%
25	7.045	668	673	678	rVV	617128	1082600	24.02%	1.803%
26	7.098	678	682	687	rVV	512943	876745	19.45%	1.460%
27	7.174	687	695	709	rVB2	801589	1885690	41.84%	3.141%
28	7.344	717	724	732	rBV	759013	1282751	28.46%	2.137%
29	7.444	737	741	748	rVV3	60068	125292	2.78%	0.209%
30	7.603	756	768	775	rVB	818377	1569150	34.82%	2.614%
31	7.949	821	827	831	rVV	226054	444251	9.86%	0.740%
32	7.996	831	835	842	rVV	238999	432478	9.60%	0.720%
33	8.073	842	848	857	rVB2	1064998	1974397	43.81%	3.289%
34	8.226	864	874	877	rBV	176515	416956	9.25%	0.694%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
Data File : BG045624.D
Acq On : 5 Jun 2020 20:12
Operator : CG/JU
Sample : L2859-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-UST

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-BG051520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.278	877	883	888	rVV	824345	1513312	33.58%	2.521%
36	8.331	888	892	904	rVB2	222291	450671	10.00%	0.751%
37	8.449	906	912	917	rBV2	187303	318928	7.08%	0.531%
38	8.508	917	922	927	rVB	173210	307486	6.82%	0.512%
39	8.596	931	937	944	rBV2	572255	1381388	30.65%	2.301%
40	8.766	959	966	973	rVB2	245907	510210	11.32%	0.850%
41	8.872	975	984	987	rBV7	60466	153081	3.40%	0.255%
42	8.913	987	991	995	rVB	139155	206404	4.58%	0.344%
43	8.960	995	999	1006	rVB	245754	417013	9.25%	0.695%
44	9.066	1006	1017	1021	rBV4	493676	1094656	24.29%	1.823%
45	9.113	1021	1025	1029	rBV	510526	942886	20.92%	1.570%
46	9.312	1054	1059	1065	rVB5	123094	290784	6.45%	0.484%
47	9.395	1065	1073	1080	rBV3	258733	551785	12.24%	0.919%
48	9.459	1080	1084	1091	rVB3	87988	155662	3.45%	0.259%
49	9.547	1093	1099	1100	rBV2	118264	180310	4.00%	0.300%
50	9.583	1103	1105	1111	rVB2	124679	194121	4.31%	0.323%
51	9.647	1111	1116	1124	rVB	252586	422878	9.38%	0.704%
52	9.959	1163	1169	1180	rBV7	196692	712868	15.82%	1.187%
53	10.111	1189	1195	1197	rBV4	63056	117840	2.61%	0.196%
54	10.164	1197	1204	1211	rVV2	648296	1408970	31.26%	2.347%
55	10.258	1217	1220	1226	rVV3	137574	277151	6.15%	0.462%
56	10.317	1226	1230	1232	rVV4	72269	131239	2.91%	0.219%
57	10.352	1232	1236	1239	rVV5	139504	263439	5.84%	0.439%
58	10.387	1239	1242	1248	rVV	126727	222205	4.93%	0.370%
59	10.458	1248	1254	1262	rVB3	179675	383230	8.50%	0.638%
60	10.675	1282	1291	1296	rVV	407042	888892	19.72%	1.481%
61	10.752	1298	1304	1310	rVV2	344005	732554	16.25%	1.220%
62	10.822	1310	1316	1322	rVV6	154623	393457	8.73%	0.655%
63	10.875	1322	1325	1332	rVB	90549	157897	3.50%	0.263%
64	11.380	1401	1411	1421	rVB4	544740	1458156	32.35%	2.429%
65	11.474	1421	1427	1432	rBV2	163149	307941	6.83%	0.513%
66	11.550	1436	1440	1445	rVB2	115838	199034	4.42%	0.332%
67	11.615	1446	1451	1458	rBV7	80398	207939	4.61%	0.346%
68	11.738	1466	1472	1476	rBV3	113208	219610	4.87%	0.366%
69	11.791	1476	1481	1489	rVV2	148946	338982	7.52%	0.565%
70	11.874	1491	1495	1501	rVV7	55230	114667	2.54%	0.191%
71	11.944	1502	1507	1509	rVV5	86608	158673	3.52%	0.264%

LSC Area Percent Report

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Data File : BG045624.D
Acq On : 5 Jun 2020 20:12
Operator : CG/JU
Sample : L2859-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-UST

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-BG051520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.985	1510	1514	1521	rVB4	214500	383126	8.50%	0.638%
73	12.138	1533	1540	1548	rVB	875562	1603454	35.58%	2.671%
74	12.250	1550	1559	1564	rBV8	61099	175919	3.90%	0.293%
75	12.355	1572	1577	1579	rBV3	98513	171616	3.81%	0.286%
76	12.479	1593	1598	1608	rVB	223115	426153	9.46%	0.710%
77	12.573	1608	1614	1619	rBV	266615	492144	10.92%	0.820%
78	12.631	1619	1624	1630	rVV2	571210	972444	21.58%	1.620%
79	12.696	1630	1635	1637	rVV4	125564	247978	5.50%	0.413%
80	12.743	1638	1643	1652	rVV4	574963	1657345	36.77%	2.760%
81	12.831	1655	1658	1663	rVB3	87522	130632	2.90%	0.218%
82	12.937	1671	1676	1678	rBV4	82054	135587	3.01%	0.226%
83	13.054	1689	1696	1697	rBV4	64873	122476	2.72%	0.204%
84	13.142	1706	1711	1717	rVB	529320	860650	19.10%	1.433%
85	13.219	1717	1724	1729	rVB	1780845	2791425	61.93%	4.649%
86	13.395	1748	1754	1761	rBV3	178517	397659	8.82%	0.662%
87	13.560	1777	1782	1787	rBV2	125436	234325	5.20%	0.390%
88	13.724	1805	1810	1814	rVV3	182701	300762	6.67%	0.501%
89	13.771	1814	1818	1824	rVB5	153075	315385	7.00%	0.525%
90	13.877	1832	1836	1841	rVB5	103463	165077	3.66%	0.275%
91	14.047	1860	1865	1872	rVB	421539	630140	13.98%	1.050%
92	14.264	1897	1902	1908	rVB4	77252	123257	2.73%	0.205%
93	14.593	1952	1958	1967	rVB2	443360	735974	16.33%	1.226%
94	15.339	2080	2085	2092	rVB	69940	121918	2.71%	0.203%
95	16.091	2206	2213	2225	rVB	1523931	2415330	53.59%	4.023%
96	17.343	2420	2426	2432	rBV	555350	848784	18.83%	1.414%
97	19.957	2865	2871	2880	rBV	3340534	4507096	100.00%	7.507%
98	21.255	3087	3092	3104	rVB	278343	430196	9.54%	0.717%
99	21.602	3145	3151	3160	rVB2	546019	928572	20.60%	1.547%
100	24.744	3676	3686	3701	rBV	330877	1092981	24.25%	1.820%

Sum of corrected areas: 60039250

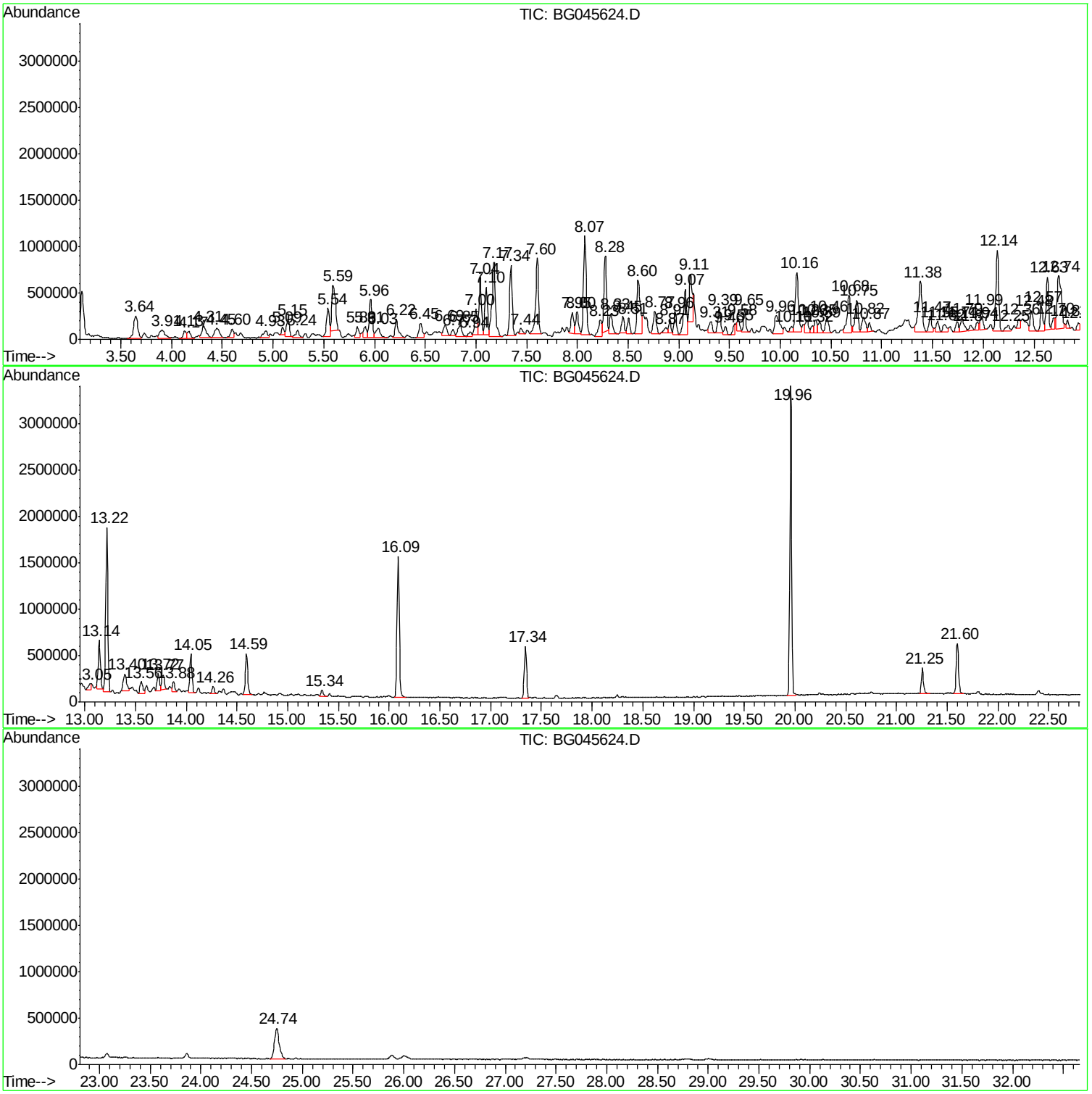
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
Data File : BG045624.D
Acq On : 5 Jun 2020 20:12
Operator : CG/JU
Sample : L2859-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-UST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.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\BG060520\
Data File : BG045624.D
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Sample : L2859-01
Misc :
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Instrument : BNA_G
ClientSampleId : SP-UST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

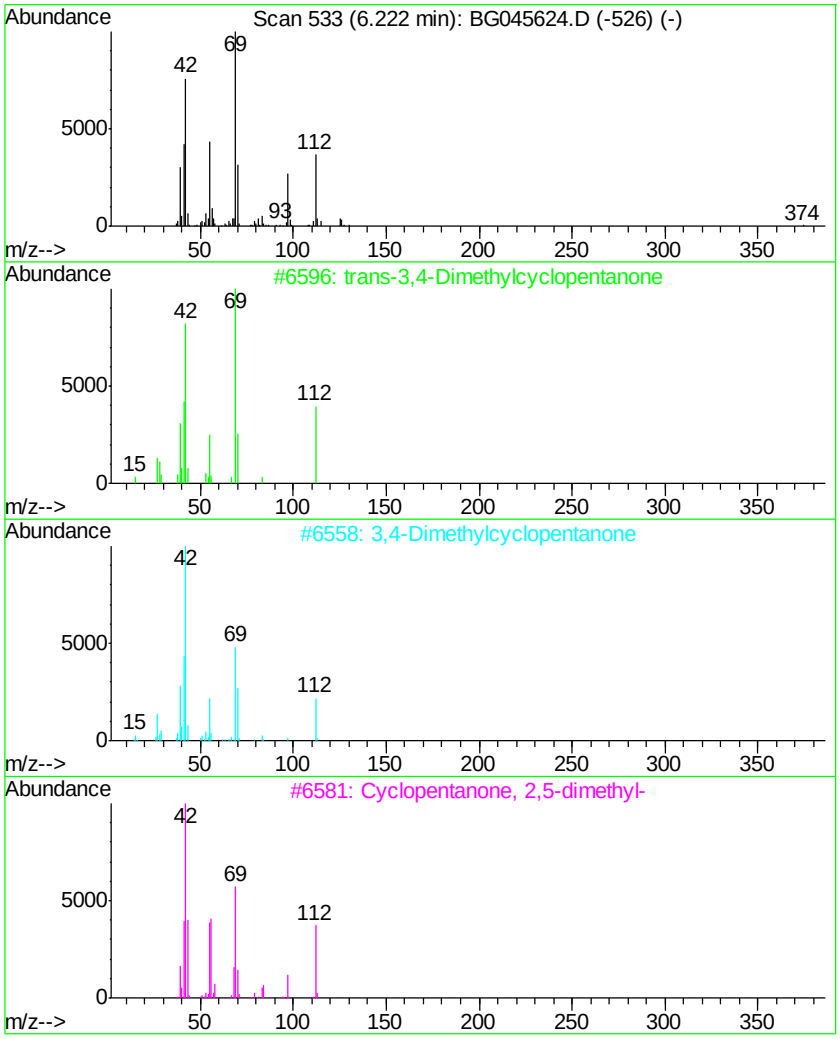
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

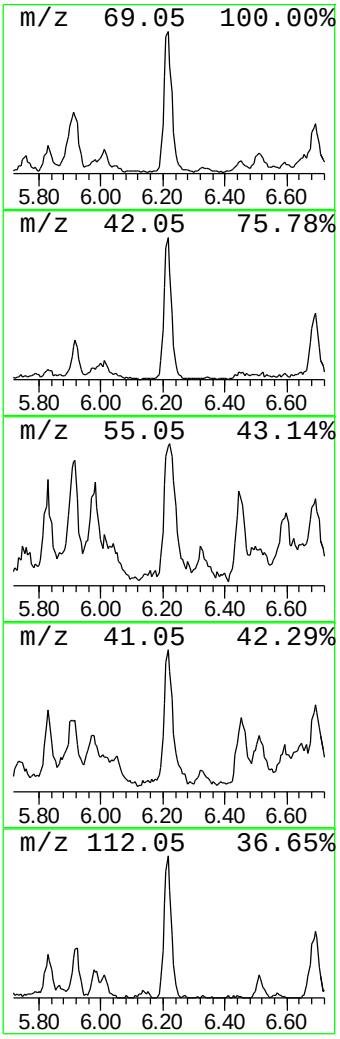
****

Peak Number 4 trans-3,4-Dimethylcyclopent... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	20.47 ng	454666	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-3,4-Dimethylcyclopentanone	112	C7H12O	019550-73-3	90
2	3,4-Dimethylcyclopentanone	112	C7H12O	058372-16-0	72
3	Cyclopentanone, 2,5-dimethyl-	112	C7H12O	004041-09-2	49
4	Cyclohexanone, 3-methyl-	112	C7H12O	000591-24-2	46
5	1,3-Cyclohexanedione	112	C6H8O2	000504-02-9	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
Data File : BG045624.D
Acq On : 5 Jun 2020 20:12
Operator : CG/JU
Sample : L2859-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-UST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

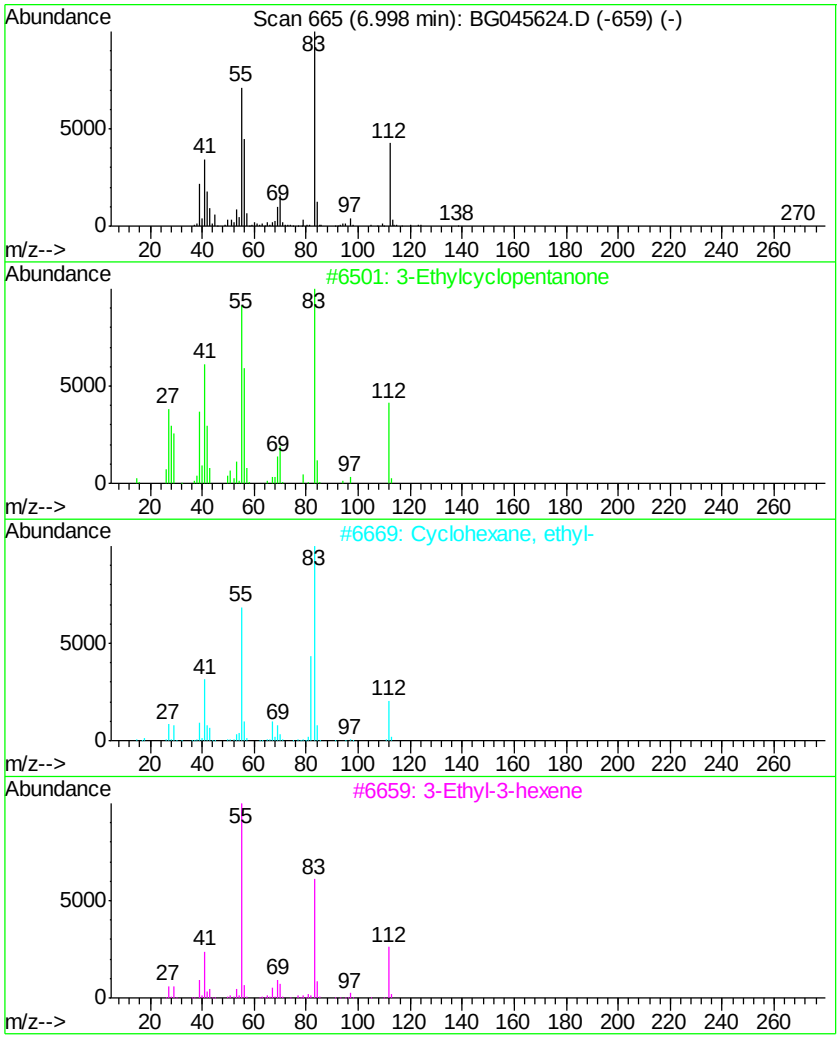
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

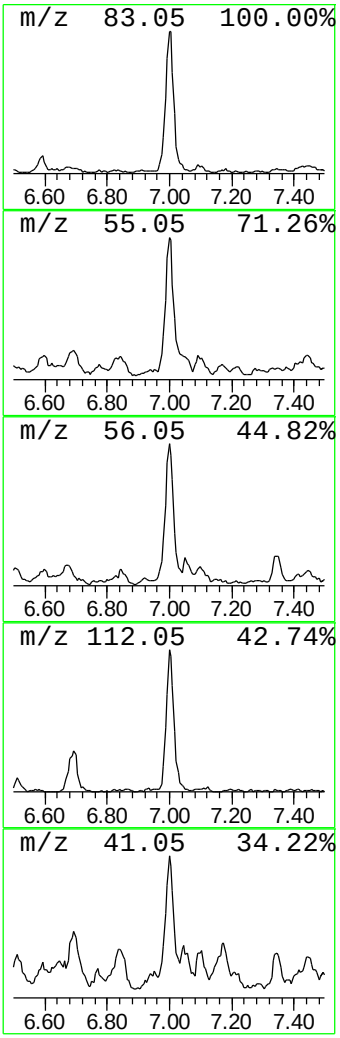
****

Peak Number 5 3-Ethylcyclopentanone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	21.56 ng	478859	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethylcyclopentanone	112	C7H12O	010264-55-8	91
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
3	3-Ethyl-3-hexene	112	C8H16	016789-51-8	64
4	3-Hexene, 3,4-dimethyl-	112	C8H16	030951-95-2	53
5	3-Ethyl-4-methyl-2-pentene	112	C8H16	019780-68-8	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
Data File : BG045624.D
Acq On : 5 Jun 2020 20:12
Operator : CG/JU
Sample : L2859-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-UST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

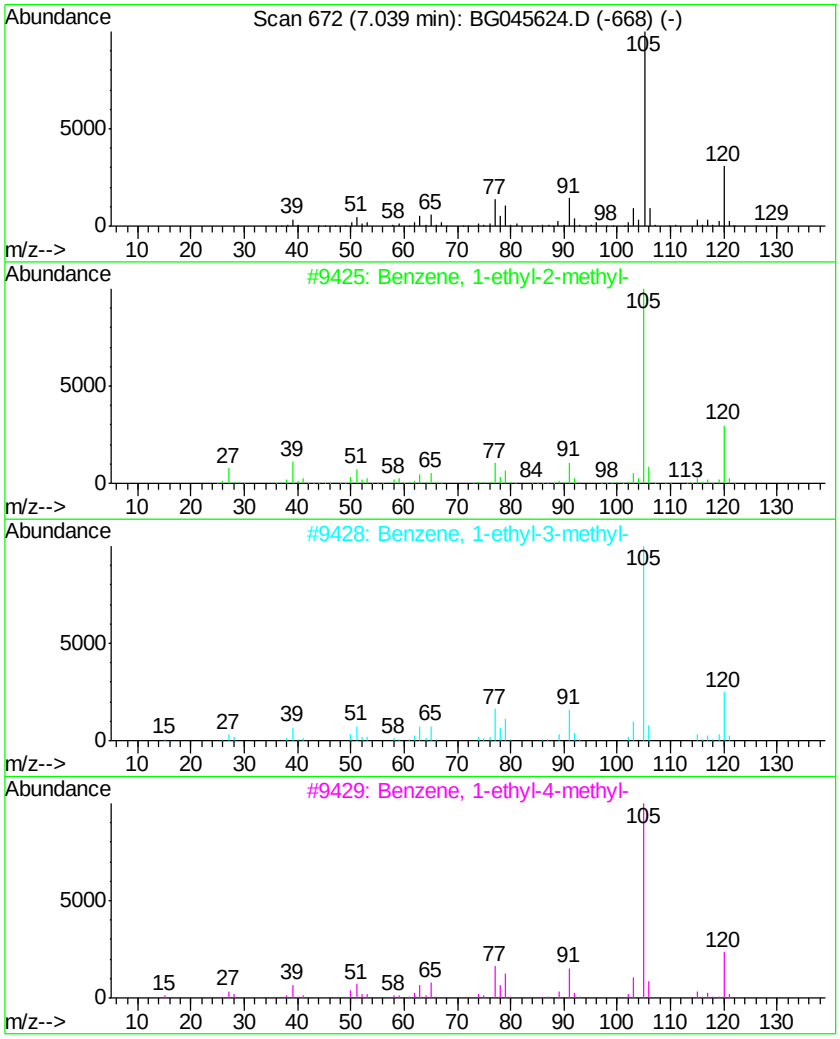
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

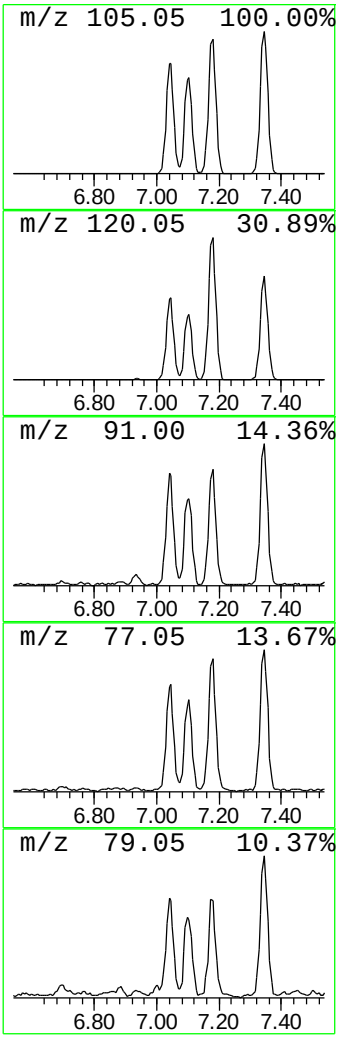
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	48.74 ng	1082600	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
Data File : BG045624.D
Acq On : 5 Jun 2020 20:12
Operator : CG/JU
Sample : L2859-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-UST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

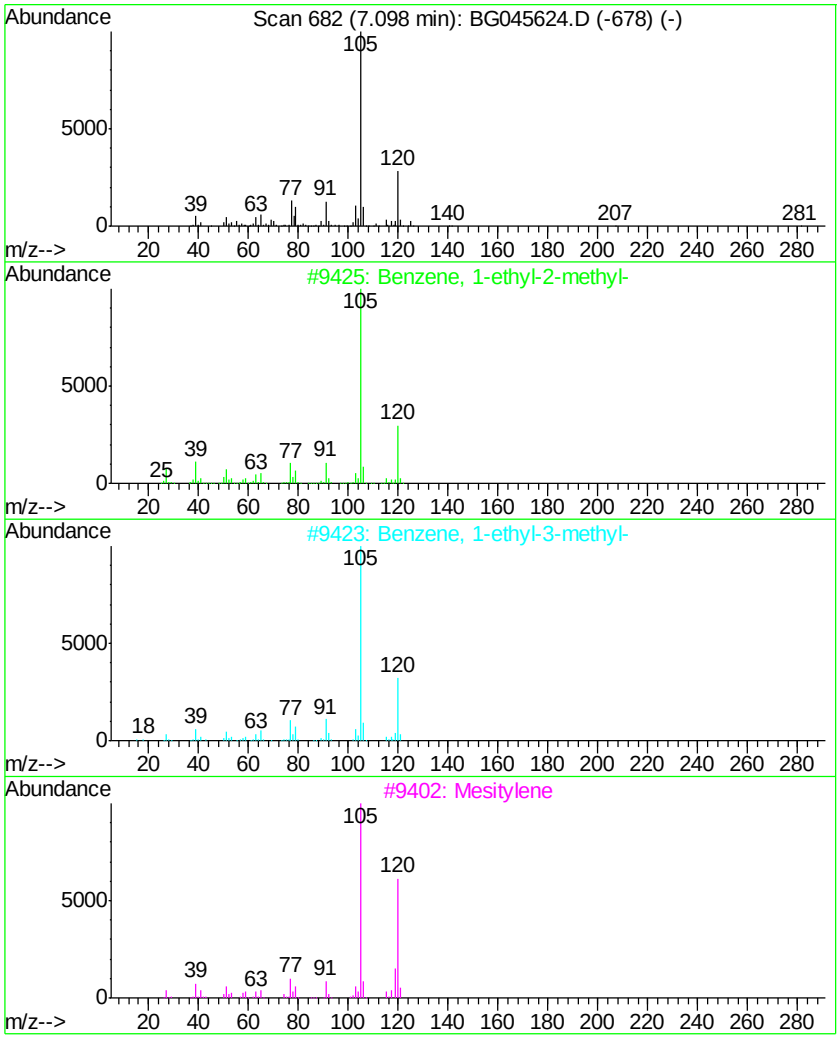
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

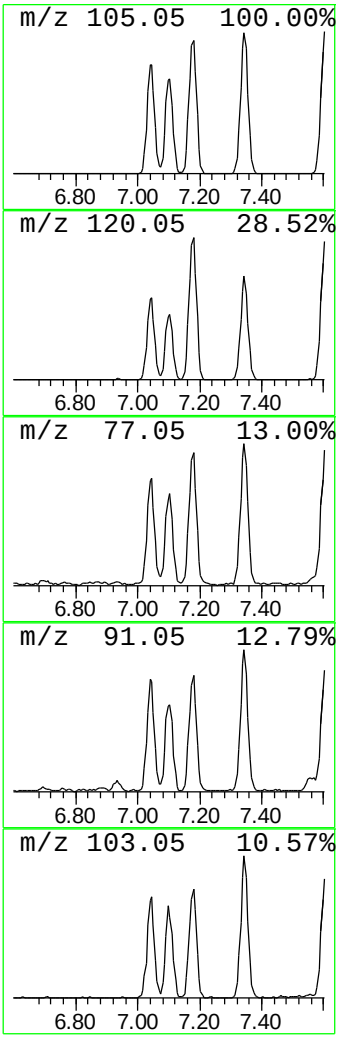
****

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	39.47 ng	876745	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	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\BG060520\
Data File : BG045624.D
Acq On : 5 Jun 2020 20:12
Operator : CG/JU
Sample : L2859-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-UST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

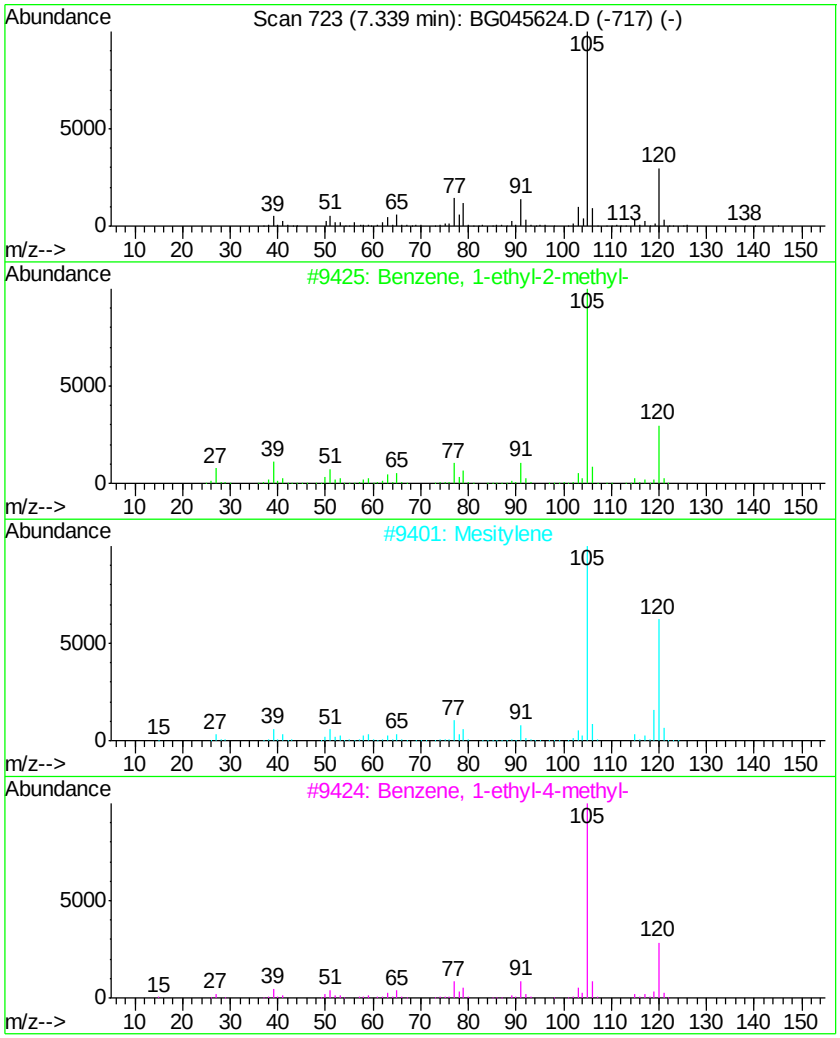
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

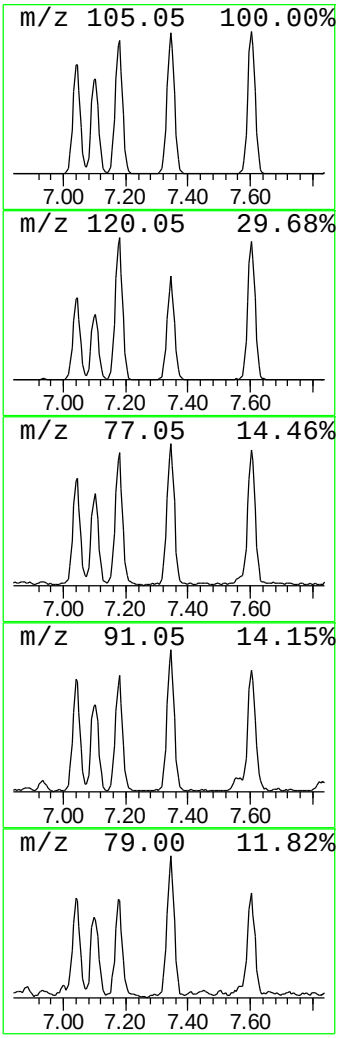
****

Peak Number 8 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	57.75 ng	1282750	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
Data File : BG045624.D
Acq On : 5 Jun 2020 20:12
Operator : CG/JU
Sample : L2859-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-UST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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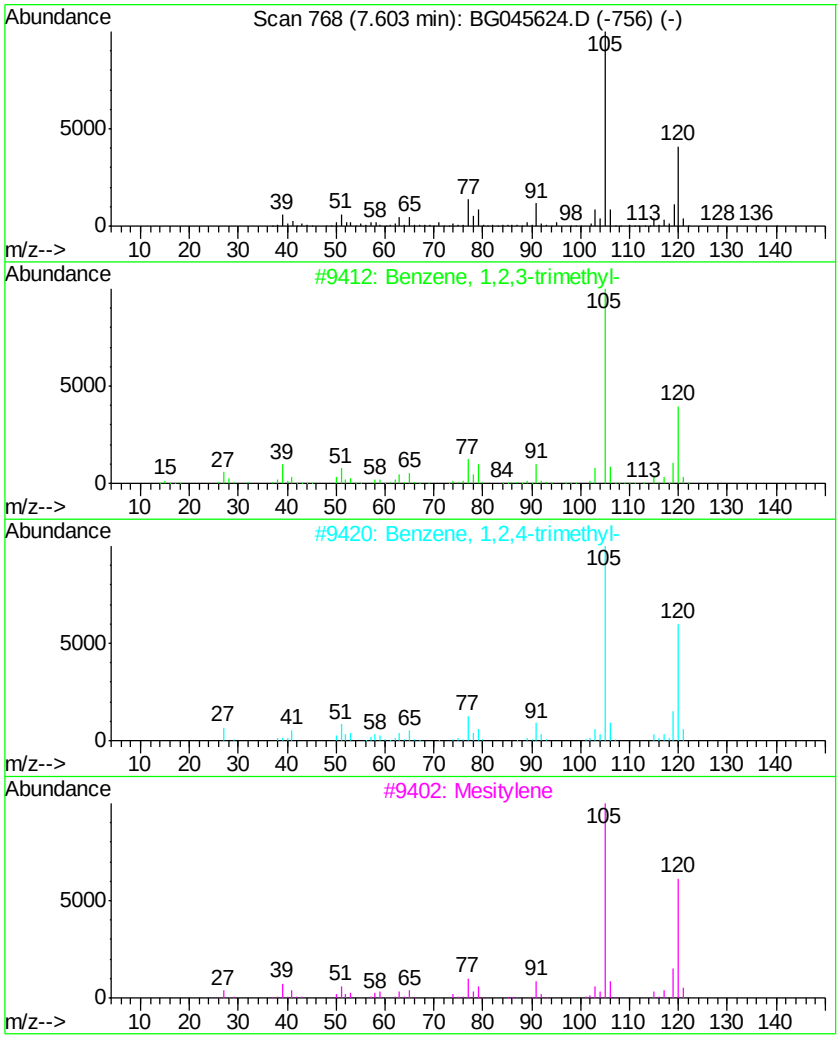
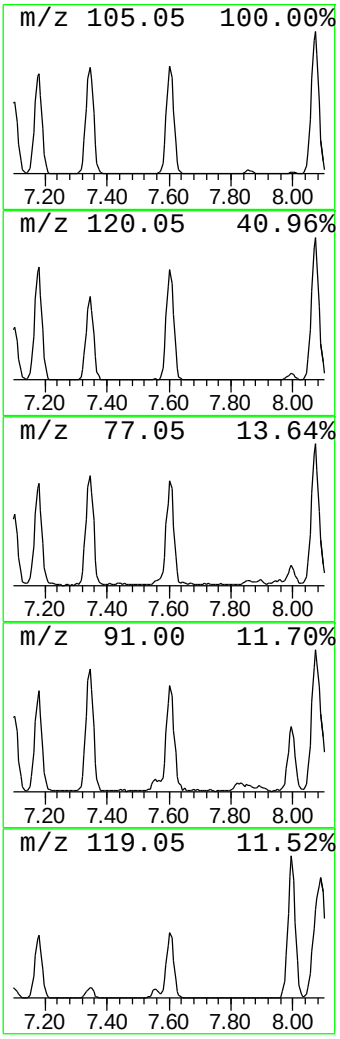
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	70.64 ng	1569150	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





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Sample : L2859-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-UST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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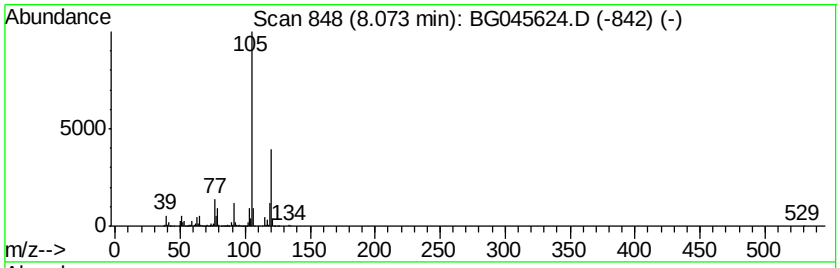
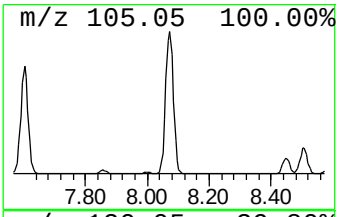
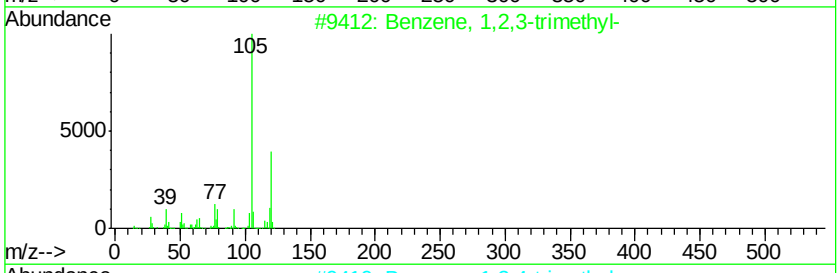
Peak Number 10 Benzene, 1,2,4-trimethyl- Concentration Rank 1

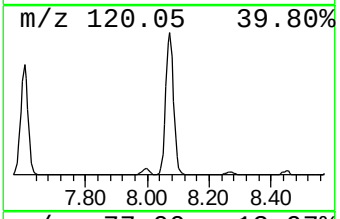
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	88.89 ng	1974400	1,4-Dichlorobenzene-d4	7.95

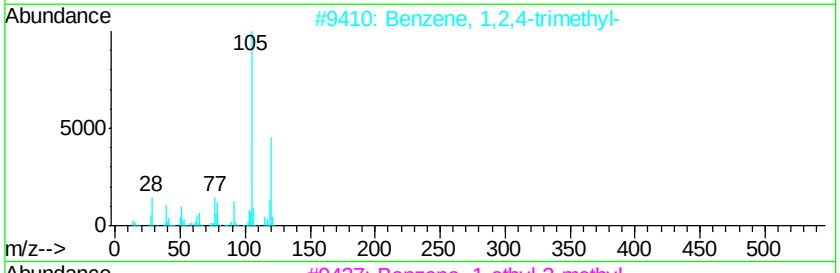
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91

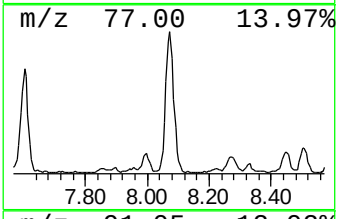


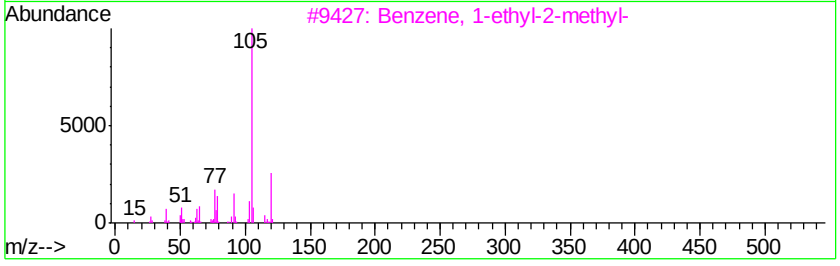


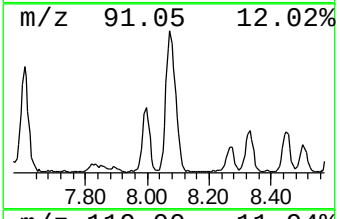


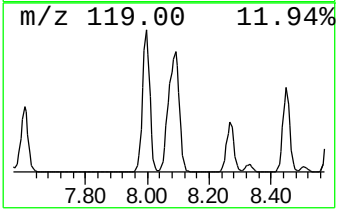












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Data File : BG045624.D
Acq On : 5 Jun 2020 20:12
Operator : CG/JU
Sample : L2859-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-UST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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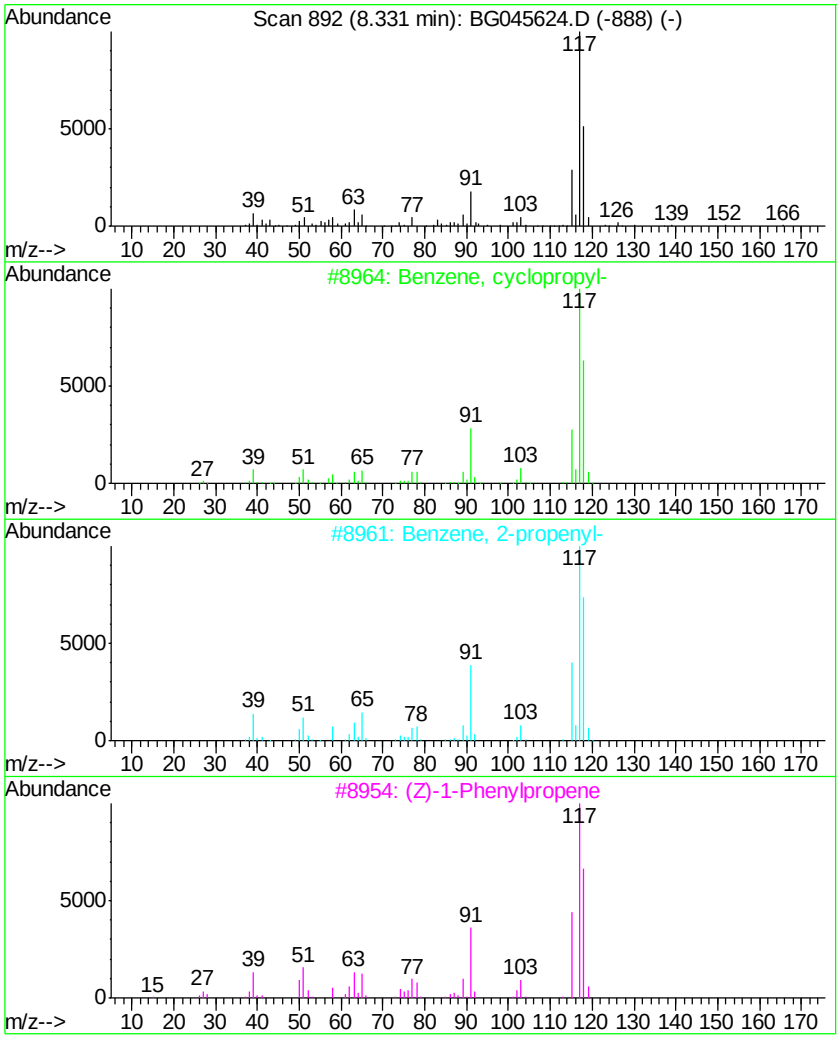
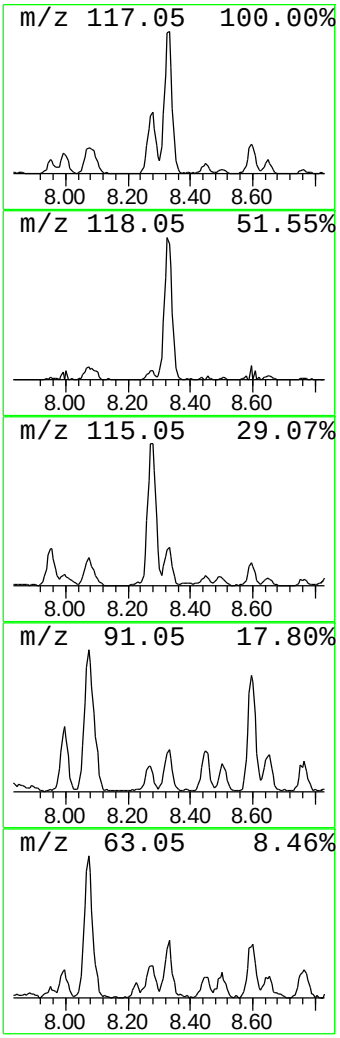
Peak Number 12 Benzene, cyclopropyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	20.29 ng	450671	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	81
4	Indane	118	C9H10	000496-11-7	81
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
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Sample : L2859-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-UST

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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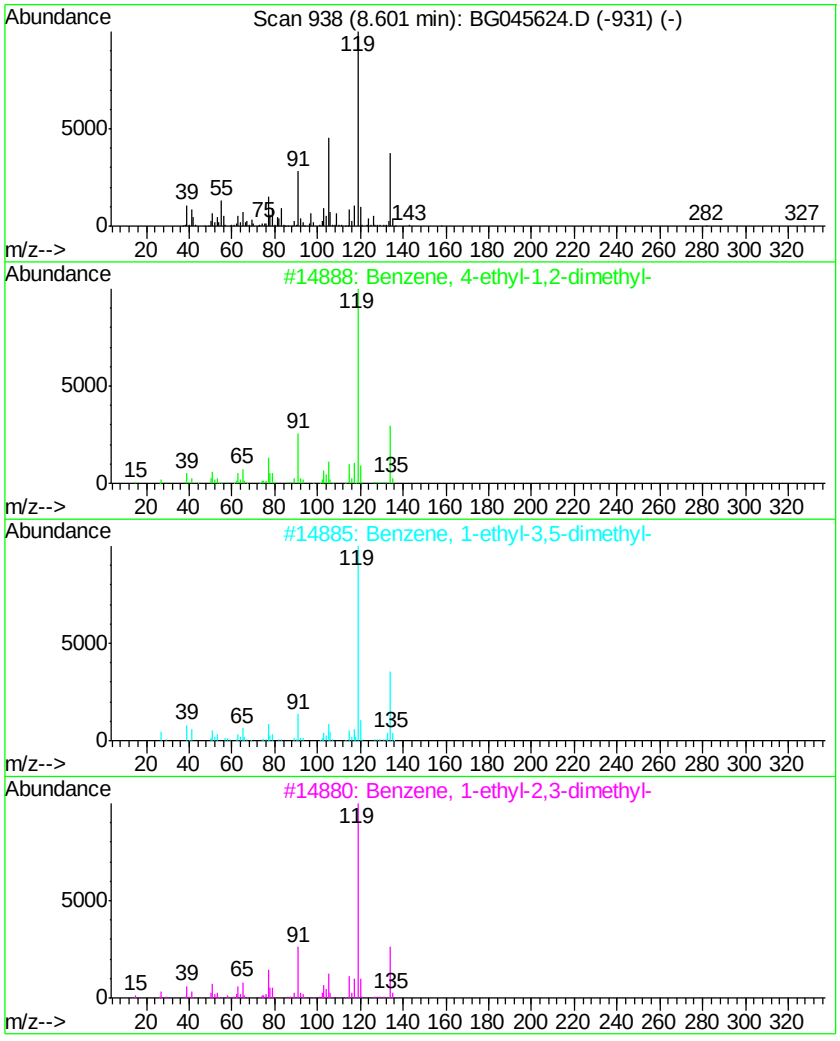
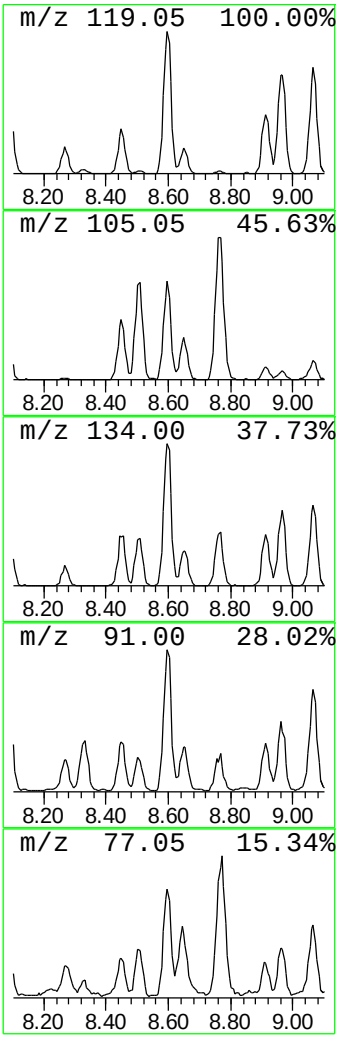
Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	62.19 ng	1381390	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





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Sample : L2859-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-UST

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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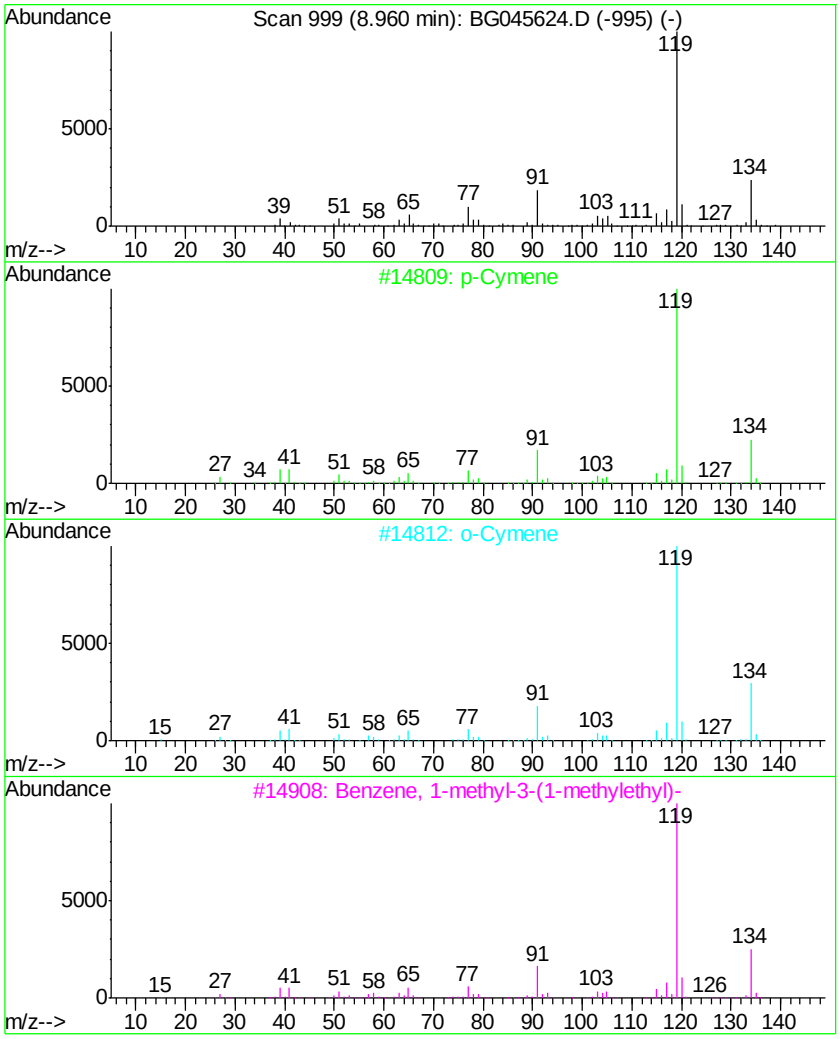
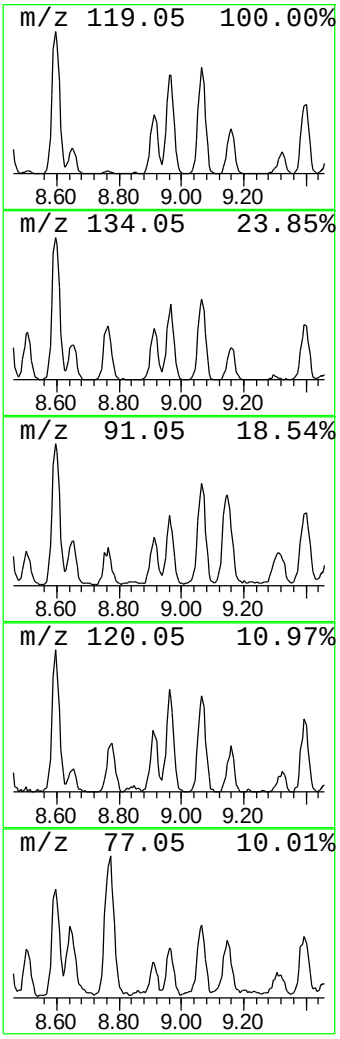
Peak Number 14 p-Cymene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	18.77 ng	417013	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





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Sample : L2859-01
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-UST

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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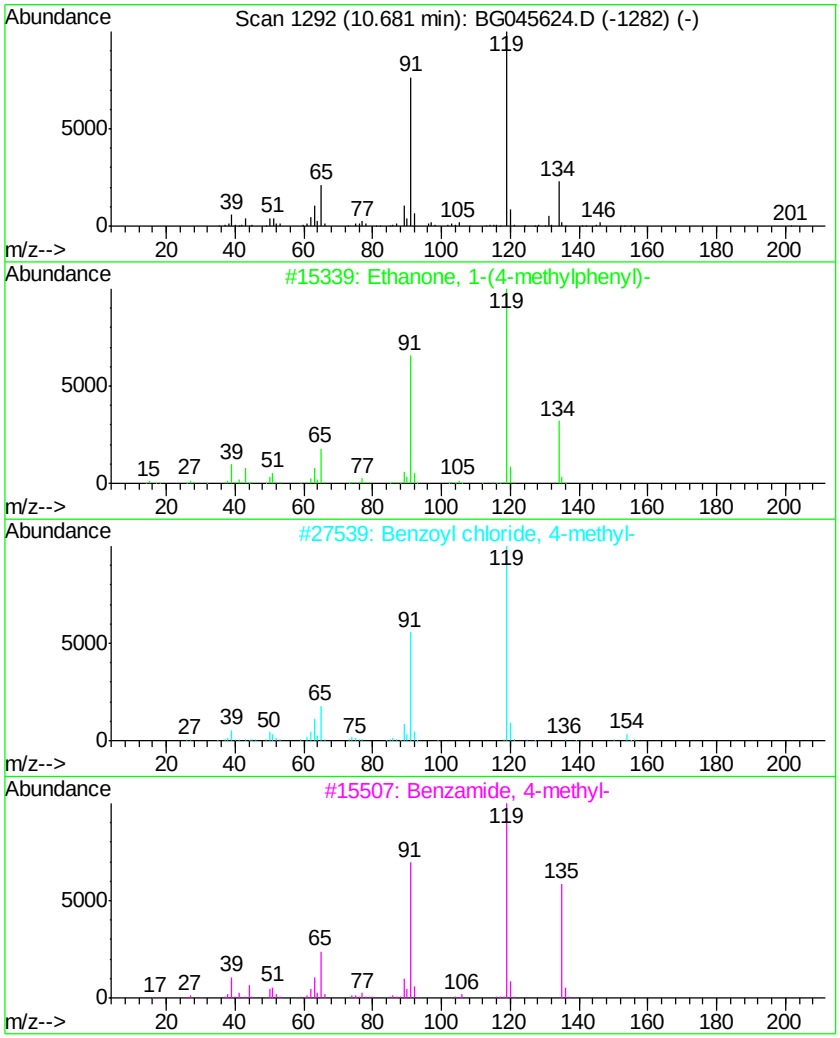
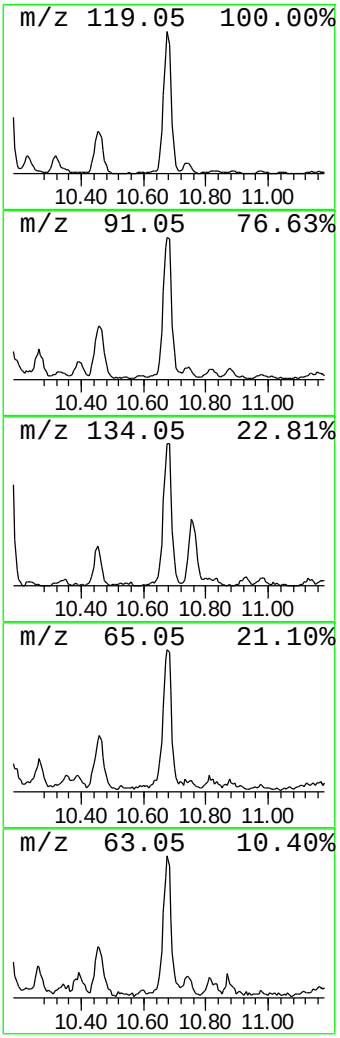
Peak Number 15 Ethanone, 1-(4-methylphenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	24.27 ng	888892	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	94
2	Benzoyl chloride, 4-methyl-	154	C8H7ClO	000874-60-2	80
3	Benzamide, 4-methyl-	135	C8H9NO	000619-55-6	72
4	m-Toluamide	135	C8H9NO	000618-47-3	72
5	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	70





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Misc :
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Instrument : BNA_G
ClientSampleId : SP-UST

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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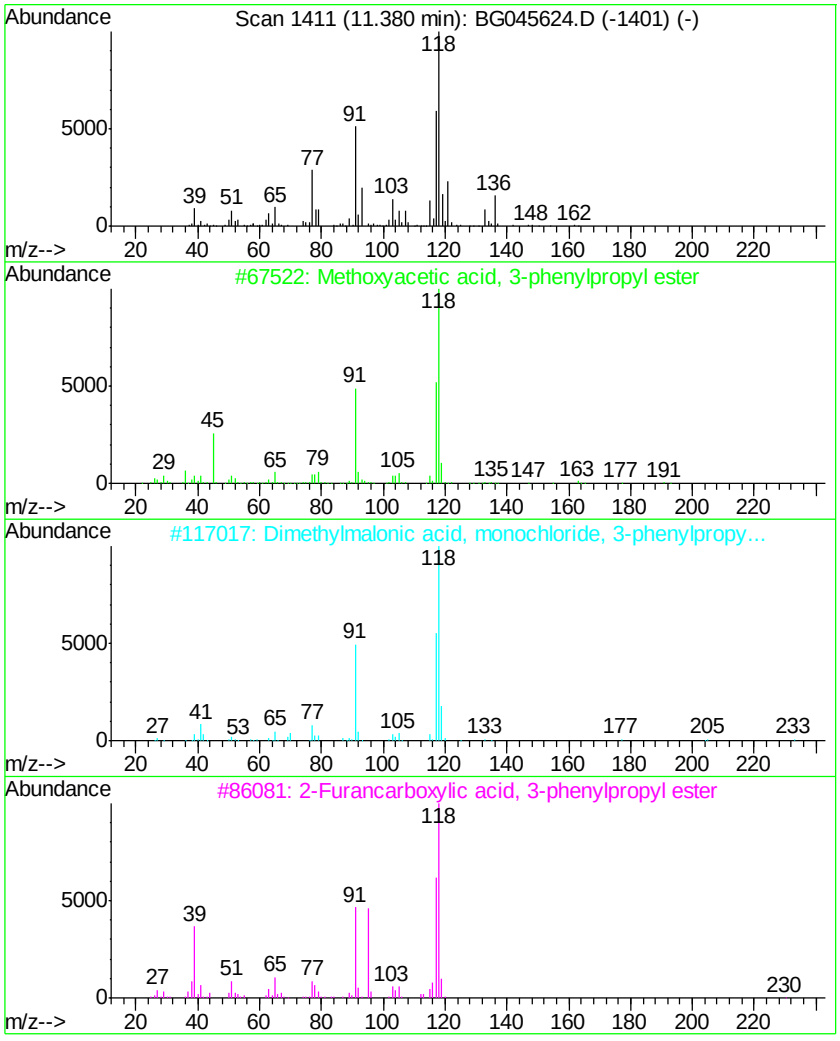
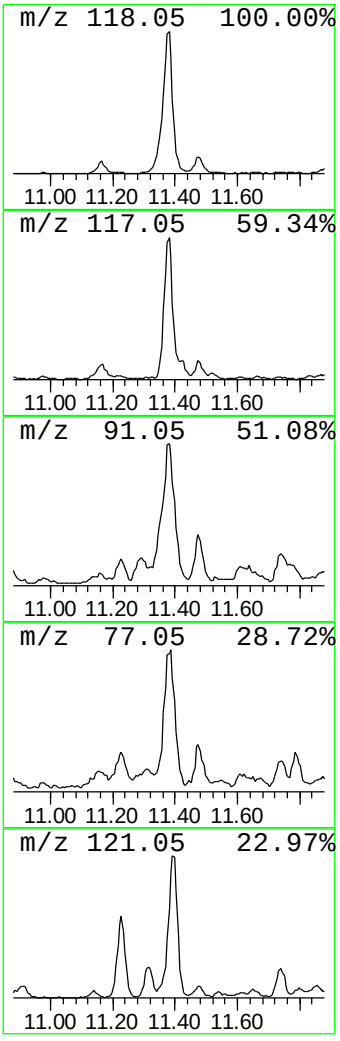
Peak Number 16 Methoxyacetic acid, 3-pheny... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	39.81 ng	1458160	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 3-phenylprop...	208	C12H16O3	1000282-41-7	53
2	Dimethylmalonic acid, monochlori...	268	C14H17ClO3	1000361-84-8	53
3	2-Furancarboxylic acid, 3-phenyl...	230	C14H14O3	1000278-83-9	50
4	2,6-Difluorobenzoic acid, 3-phen...	276	C16H14F2O2	1000293-48-3	50
5	Acetic acid, chloro-, 3-phenylpr...	212	C11H13ClO2	064046-48-6	50





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Sample : L2859-01
Misc :
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Instrument : BNA_G
ClientSampleId : SP-UST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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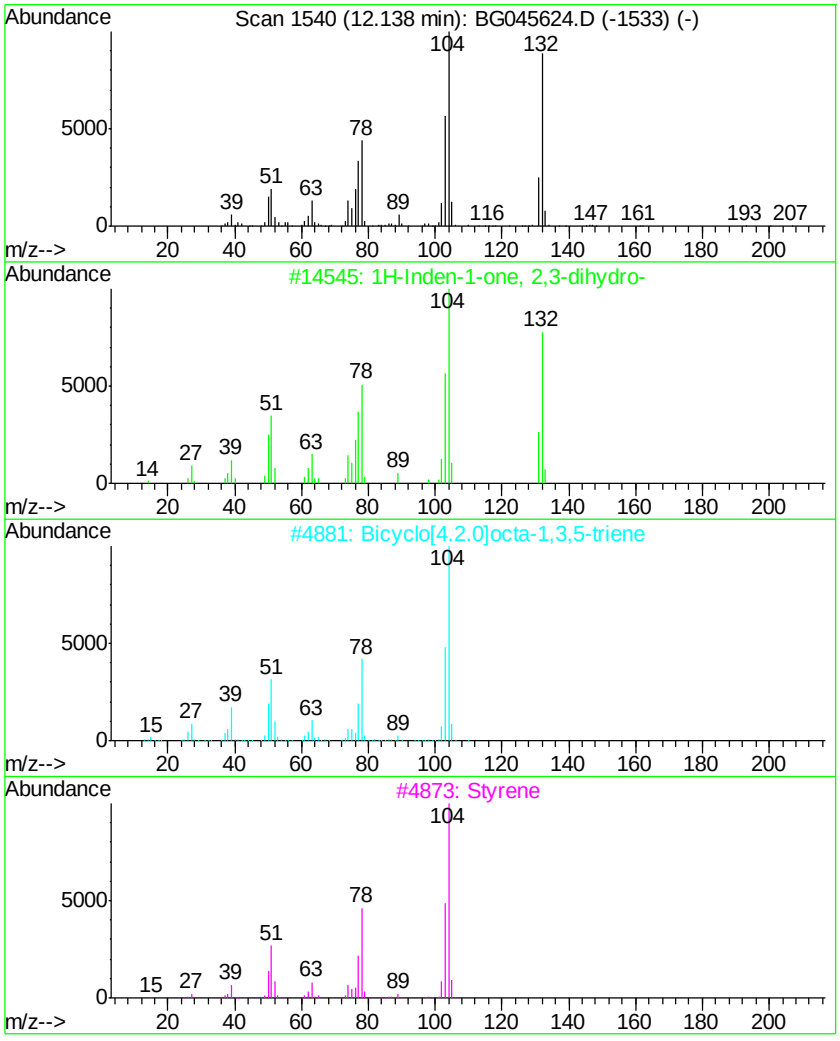
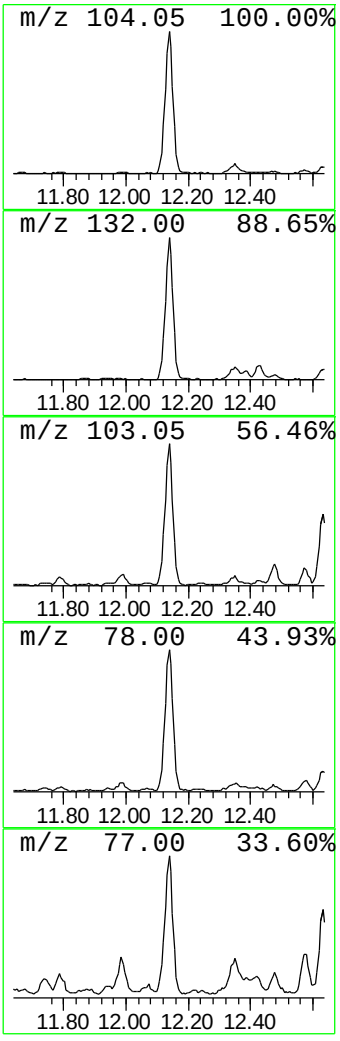
Peak Number 17 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	43.78 ng	1603450	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	96
2	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	60
3	Styrene	104	C8H8	000100-42-5	53
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	53
5	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	52





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Sample : L2859-01
Misc :
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Instrument : BNA_G
ClientSampleId : SP-UST

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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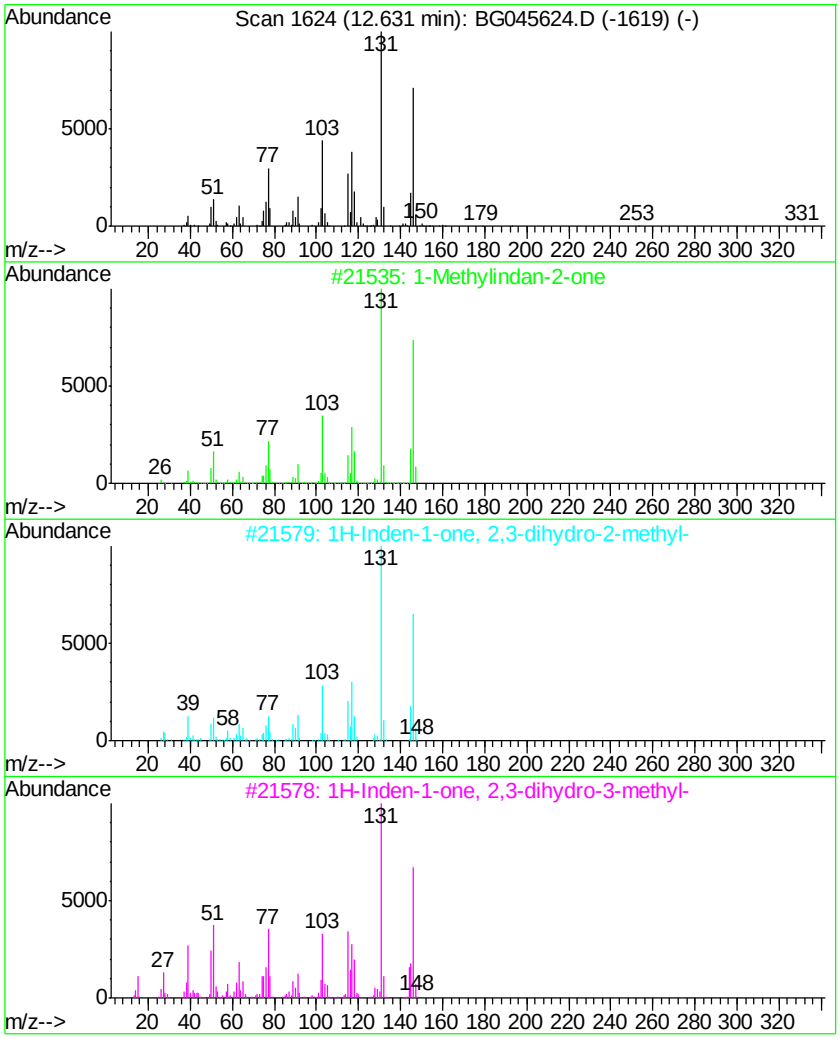
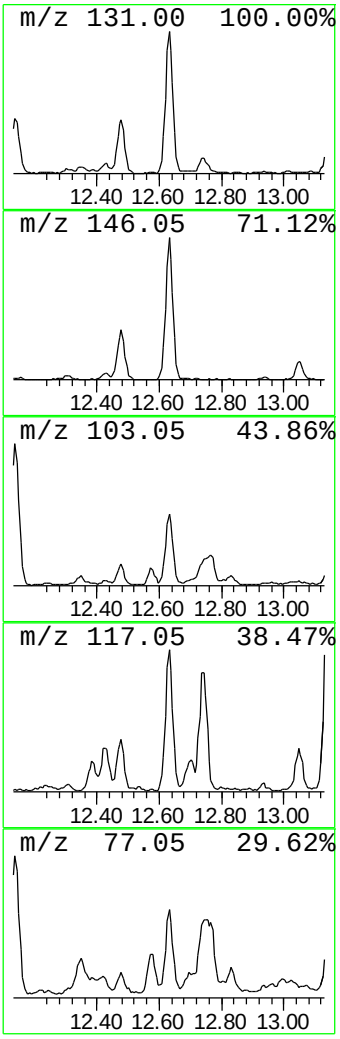
Peak Number 18 1-Methylindan-2-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	26.55 ng	972444	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylindan-2-one	146	C10H10O	035587-60-1	93
2	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	90
3	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	87
4	1-Decen-3-one, 5-hydroxy-4-penty...	316	C21H32O2	1000115-33-2	59
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	47





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Instrument : BNA_G
ClientSampleId : SP-UST

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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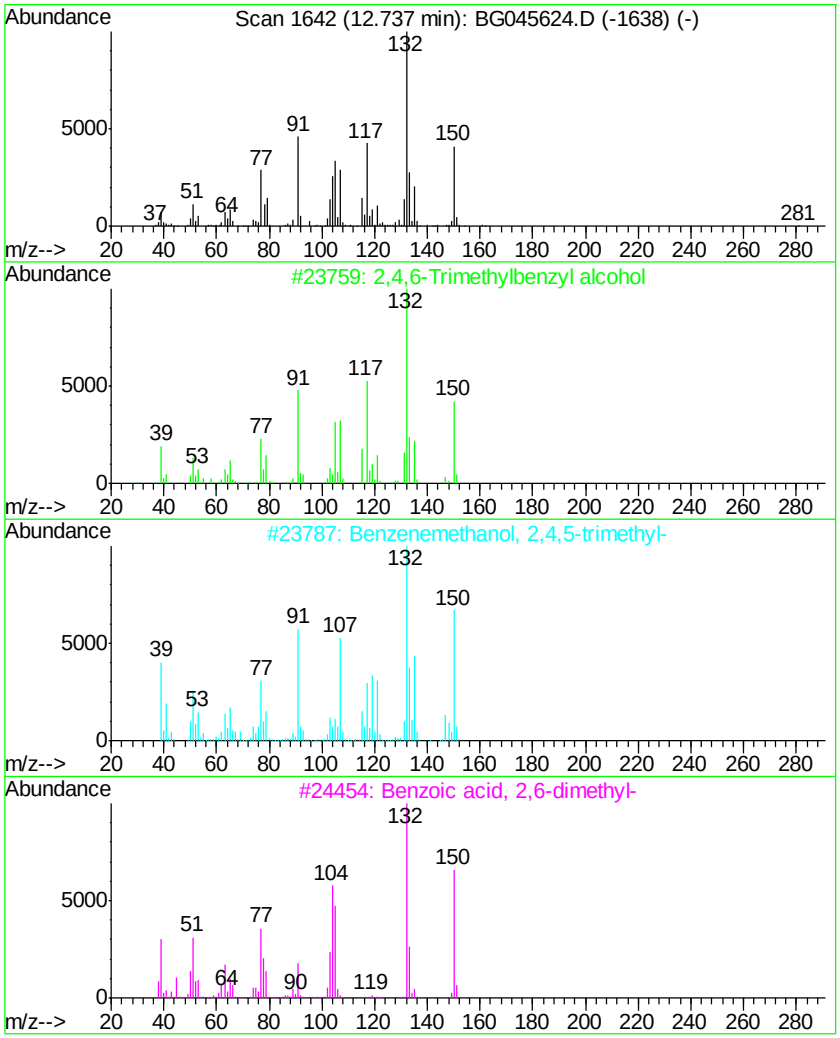
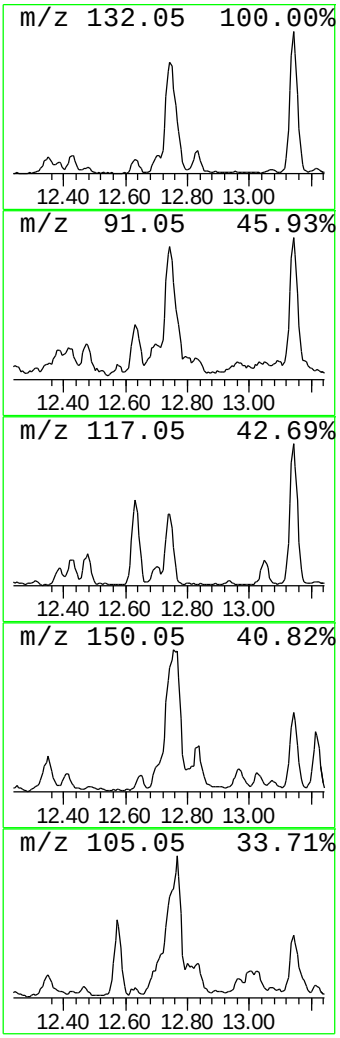
Peak Number 19 2,4,6-Trimethylbenzyl alcohol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	45.04 ng	1657350	Acenaphthene-d10	14.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethylbenzyl alcohol	150	C10H14O	1000342-65-8	93
2	Benzenemethanol, 2,4,5-trimethyl-	150	C10H14O	004393-05-9	46
3	Benzoic acid, 2,6-dimethyl-	150	C9H10O2	000632-46-2	41
4	Quinoline, 5,6,7,8-tetrahydro-	133	C9H11N	010500-57-9	38
5	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
Data File : BG045624.D
Acq On : 5 Jun 2020 20:12
Operator : CG/JU
Sample : L2859-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-UST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

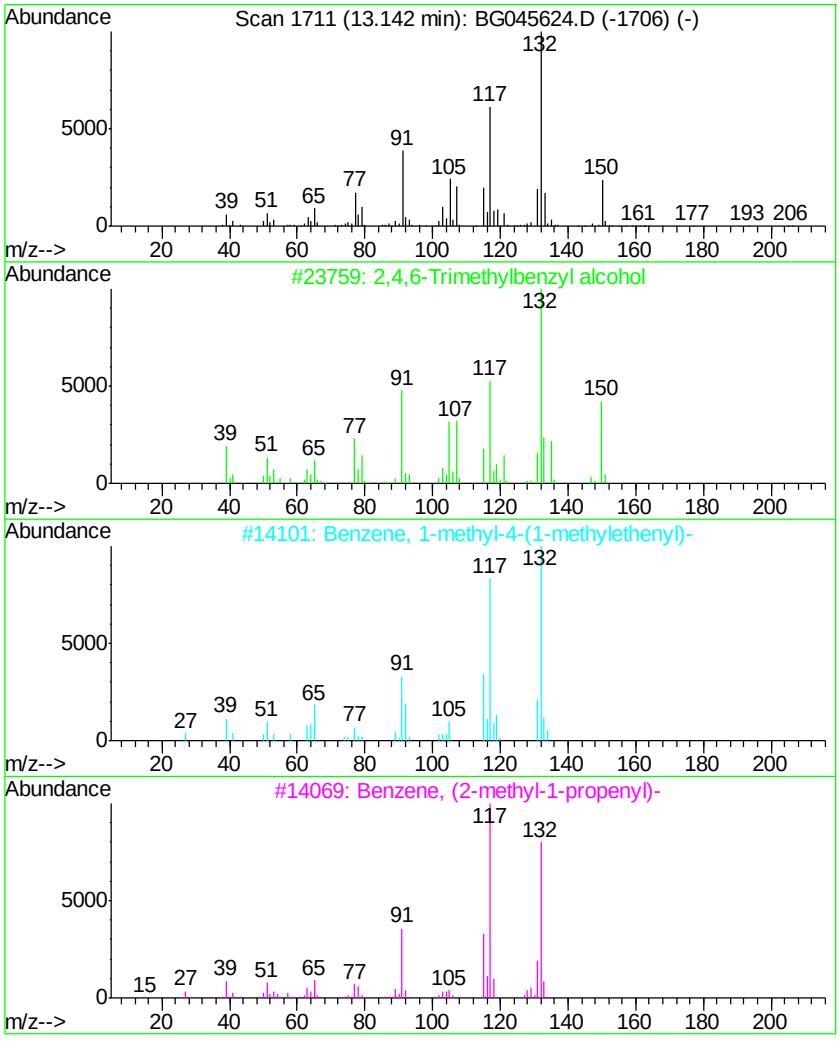
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

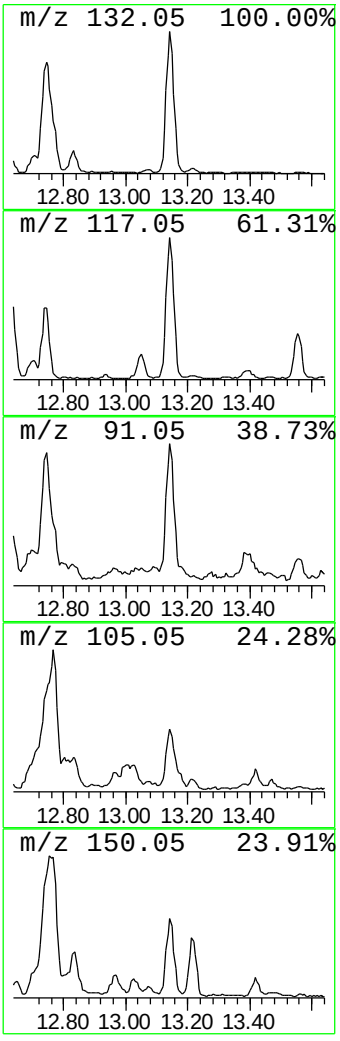
****

Peak Number 20 Benzene, 1-methyl-4-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	23.39 ng	860650	Acenaphthene-d10	14.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethylbenzyl alcohol	150	C10H14O	1000342-65-8	64
2	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	62
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	58
4	Benzene, (1-methylenepropyl)-	132	C10H12	002039-93-2	58
5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
Data File : BG045624.D
Acq On : 5 Jun 2020 20:12
Operator : CG/JU
Sample : L2859-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-UST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.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
trans-3,4-Dimethy...	6.22	20.5	ng	454666	1	7.95	444251	20.0
3-Ethylcyclopenta...	7.00	21.6	ng	478859	1	7.95	444251	20.0
Benzene, 1-ethyl-...	7.04	48.7	ng	1082600	1	7.95	444251	20.0
Benzene, 1-ethyl-...	7.10	39.5	ng	876745	1	7.95	444251	20.0
Mesitylene	7.34	57.8	ng	1282750	1	7.95	444251	20.0
Benzene, 1,2,3-tr...	7.60	70.6	ng	1569150	1	7.95	444251	20.0
Benzene, 1,2,4-tr...	8.07	88.9	ng	1974400	1	7.95	444251	20.0
Benzene, cyclopro...	8.33	20.3	ng	450671	1	7.95	444251	20.0
Benzene, 4-ethyl-...	8.60	62.2	ng	1381390	1	7.95	444251	20.0
p-Cymene	8.96	18.8	ng	417013	1	7.95	444251	20.0
Ethanone, 1-(4-me...	10.68	24.3	ng	888892	2	10.76	732554	20.0
Methoxyacetic aci...	11.38	39.8	ng	1458160	2	10.76	732554	20.0
1H-Inden-1-one, 2...	12.14	43.8	ng	1603450	2	10.76	732554	20.0
1-Methylindan-2-one	12.63	26.6	ng	972444	2	10.76	732554	20.0
2,4,6-Trimethylbe...	12.74	45.0	ng	1657350	3	14.59	735974	20.0
Benzene, 1-methyl...	13.14	23.4	ng	860650	3	14.59	735974	20.0