LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040143.D
Acq On : 26 Mar 2019 9:32
Operator : JU/SJ
Sample : K2059-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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-BG030419.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	3.197	12	18	26	rBV	222316	410079	13.00%	1.733%
2	3.267	26	30	40	rVB	447849	621513	19.70%	2.626%
3	3.491	62	68	71	rVV3	18054	39102	1.24%	0.165%
4	3.526	71	74	79	rVV3	22714	36027	1.14%	0.152%
5	3.596	82	86	90	rVV	30537	47814	1.52%	0.202%
6	3.637	90	93	101	rVB	28470	42388	1.34%	0.179%
7	4.060	158	165	171	rBV2	72659	121968	3.87%	0.515%
8	4.137	174	178	183	rVB3	21739	31983	1.01%	0.135%
9	4.190	183	187	195	rVB3	19501	37423	1.19%	0.158%
10	4.325	206	210	214	rBV	39208	57053	1.81%	0.241%
11	4.589	251	255	264	rVB2	56507	102809	3.26%	0.434%
12	4.777	274	287	293	rBV	76218	153030	4.85%	0.647%
13	5.053	329	334	337	rBV2	28079	46744	1.48%	0.197%
14	5.088	337	340	345	rVB2	26265	37556	1.19%	0.159%
15	5.171	350	354	358	rVB2	26981	38058	1.21%	0.161%
16	5.376	382	389	393	rVB6	19644	42570	1.35%	0.180%
17	5.682	433	441	447	rBV	310849	518164	16.43%	2.189%
18	5.752	447	453	454	rVV4	18620	36091	1.14%	0.152%
19	5.782	454	458	462	rVB4	30352	52000	1.65%	0.220%
20	5.928	470	483	493	rBV10	16264	57517	1.82%	0.243%
21	6.299	539	546	553	rVB5	26009	48784	1.55%	0.206%
22	6.851	632	640	645	rBV8	23995	48146	1.53%	0.203%
23	7.285	704	714	723	rBV	215256	417963	13.25%	1.766%
24	7.509	747	752	761	rVB	98608	161204	5.11%	0.681%
25	7.667	772	779	786	rBV	564585	1000420	31.72%	4.227%
26	8.137	852	859	865	rBV	128857	225503	7.15%	0.953%
27	8.243	872	877	882	rVB3	26152	46764	1.48%	0.198%
28	8.460	903	914	919	rBV	460451	901986	28.60%	3.811%
29	8.507	919	922	931	rVB	322949	533433	16.91%	2.254%
30	8.613	934	940	946	rBV	345093	541390	17.16%	2.287%
31	8.766	960	966	970	rBV2	96490	162709	5.16%	0.687%
32	8.813	970	974	983	rVB	87750	150517	4.77%	0.636%
33	8.930	987	994	999	rBV	44116	72400	2.30%	0.306%
34	9.236	1038	1046	1053	rBV2	523953	917273	29.08%	3.875%

LSC Area Percent Report

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Acq On : 26 Mar 2019 9:32
Operator : JU/SJ
Sample : K2059-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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-BG030419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.318	1053	1060	1069	rVV3	711863	1292460	40.97%	5.460%
36	9.477	1080	1087	1093	rVB6	33425	84777	2.69%	0.358%
37	9.582	1099	1105	1109	rBV3	18388	36245	1.15%	0.153%
38	9.759	1129	1135	1141	rVB	317141	510687	16.19%	2.158%
39	10.017	1170	1179	1183	rBV	54211	94629	3.00%	0.400%
40	10.129	1192	1198	1203	rVV4	50543	98437	3.12%	0.416%
41	10.193	1203	1209	1220	rVB3	140435	292352	9.27%	1.235%
42	10.340	1220	1234	1240	rBV2	217455	486660	15.43%	2.056%
43	10.399	1240	1244	1249	rVB	44094	68895	2.18%	0.291%
44	10.516	1256	1264	1268	rBV2	40330	76932	2.44%	0.325%
45	10.599	1268	1278	1280	rVV4	47376	103750	3.29%	0.438%
46	10.628	1280	1283	1290	rVB2	49130	79745	2.53%	0.337%
47	10.810	1306	1314	1318	rBV4	18408	37494	1.19%	0.158%
48	10.916	1324	1332	1335	rBV2	87614	199441	6.32%	0.843%
49	10.963	1335	1340	1350	rVB2	226267	547940	17.37%	2.315%
50	11.051	1350	1355	1364	rVB	79967	147178	4.67%	0.622%
51	11.151	1364	1372	1378	rVB2	58447	105678	3.35%	0.446%
52	11.304	1393	1398	1403	rBV6	17750	32932	1.04%	0.139%
53	11.568	1433	1443	1456	rBV3	95979	329880	10.46%	1.394%
54	11.856	1483	1492	1498	rBV3	54167	104144	3.30%	0.440%
55	11.973	1507	1512	1517	rBV3	25582	46021	1.46%	0.194%
56	12.044	1519	1524	1531	rVB	39036	76175	2.41%	0.322%
57	12.173	1541	1546	1551	rVV8	18660	37604	1.19%	0.159%
58	12.255	1554	1560	1566	rVV2	58851	111389	3.53%	0.471%
59	12.337	1568	1574	1581	rVB4	38963	88293	2.80%	0.373%
60	12.666	1618	1630	1639	rBV6	25304	63185	2.00%	0.267%
61	12.749	1639	1644	1649	rBV	81389	124591	3.95%	0.526%
62	12.819	1649	1656	1662	rVV	120017	206384	6.54%	0.872%
63	12.884	1662	1667	1680	rVB6	34154	113889	3.61%	0.481%
64	13.113	1699	1706	1713	rVB3	18574	33366	1.06%	0.141%
65	13.313	1734	1740	1745	rBV8	21702	53318	1.69%	0.225%
66	13.389	1745	1753	1759	rVB	1232905	1930997	61.22%	8.158%
67	13.736	1807	1812	1818	rBV2	31193	55676	1.77%	0.235%
68	13.900	1832	1840	1843	rBV4	36104	65014	2.06%	0.275%
69	13.941	1843	1847	1852	rVB2	21867	35673	1.13%	0.151%
70	14.370	1916	1920	1924	rBV3	25015	43323	1.37%	0.183%
71	14.764	1981	1987	1997	rVB2	334200	567772	18.00%	2.399%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2059-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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-BG030419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.250	2234	2240	2252	rBV	987607	1611870	51.10%	6.810%
73	17.507	2448	2454	2462	rVB2	460664	715577	22.69%	3.023%
74	18.359	2596	2599	2609	rBV7	18240	36982	1.17%	0.156%
75	20.103	2890	2896	2905	rBV	2398900	3154335	100.00%	13.327%
76	21.795	3177	3184	3192	rBV2	488403	810593	25.70%	3.425%
77	22.559	3308	3314	3320	rVB	25081	40287	1.28%	0.170%
78	23.270	3428	3435	3443	rBV2	37867	69481	2.20%	0.294%
79	24.098	3569	3576	3583	rBV2	42454	91421	2.90%	0.386%
80	25.085	3734	3744	3747	rBV2	37995	97980	3.11%	0.414%
81	25.149	3747	3755	3772	rVB2	248509	765002	24.25%	3.232%
82	26.248	3932	3942	3954	rVB3	27157	86130	2.73%	0.364%
83	27.652	4172	4181	4195	rBV10	14340	48313	1.53%	0.204%

Sum of corrected areas: 23669278

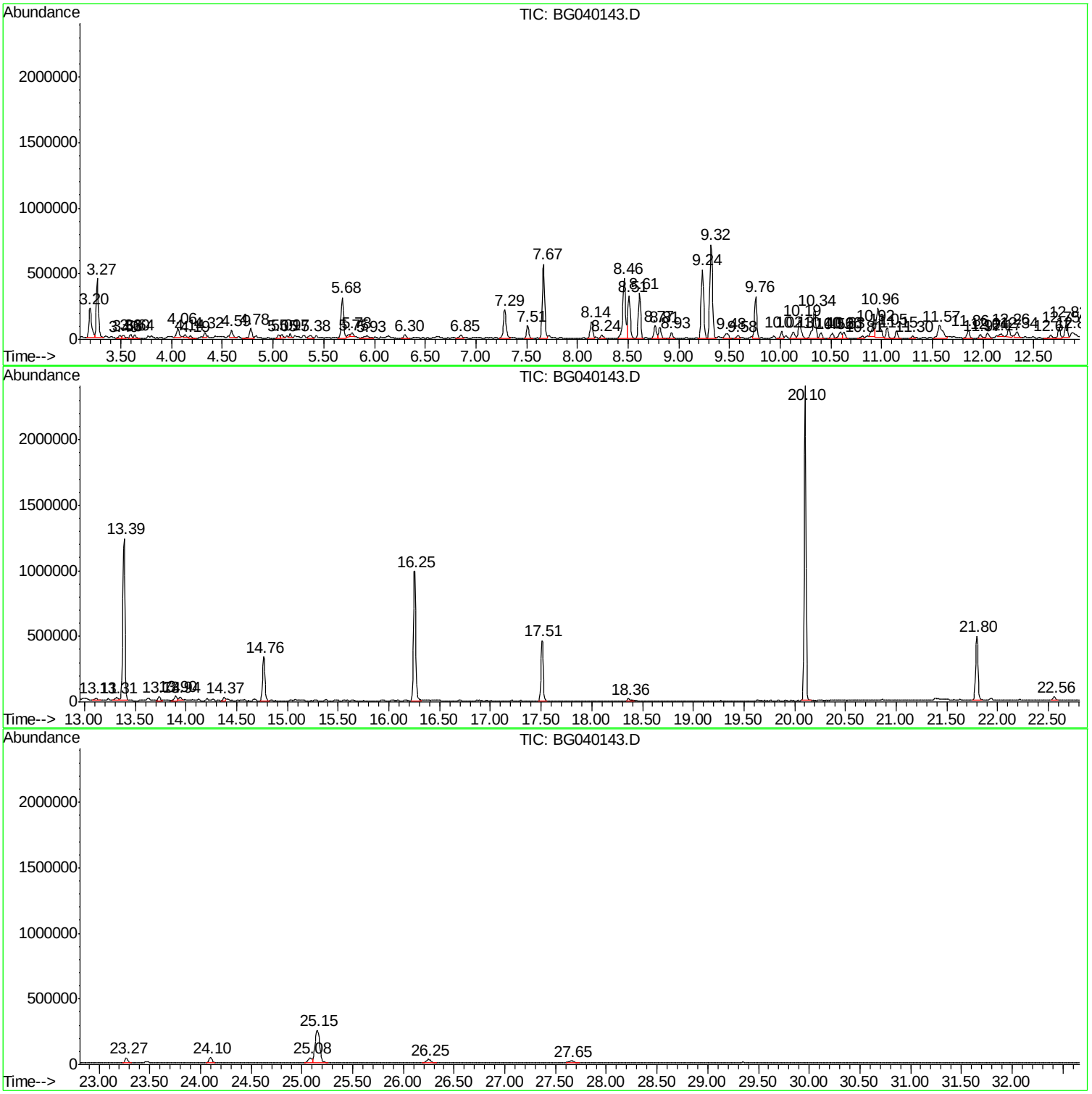
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040143.D
Acq On : 26 Mar 2019 9:32
Operator : JU/SJ
Sample : K2059-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040143.D
Acq On : 26 Mar 2019 9:32
Operator : JU/SJ
Sample : K2059-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

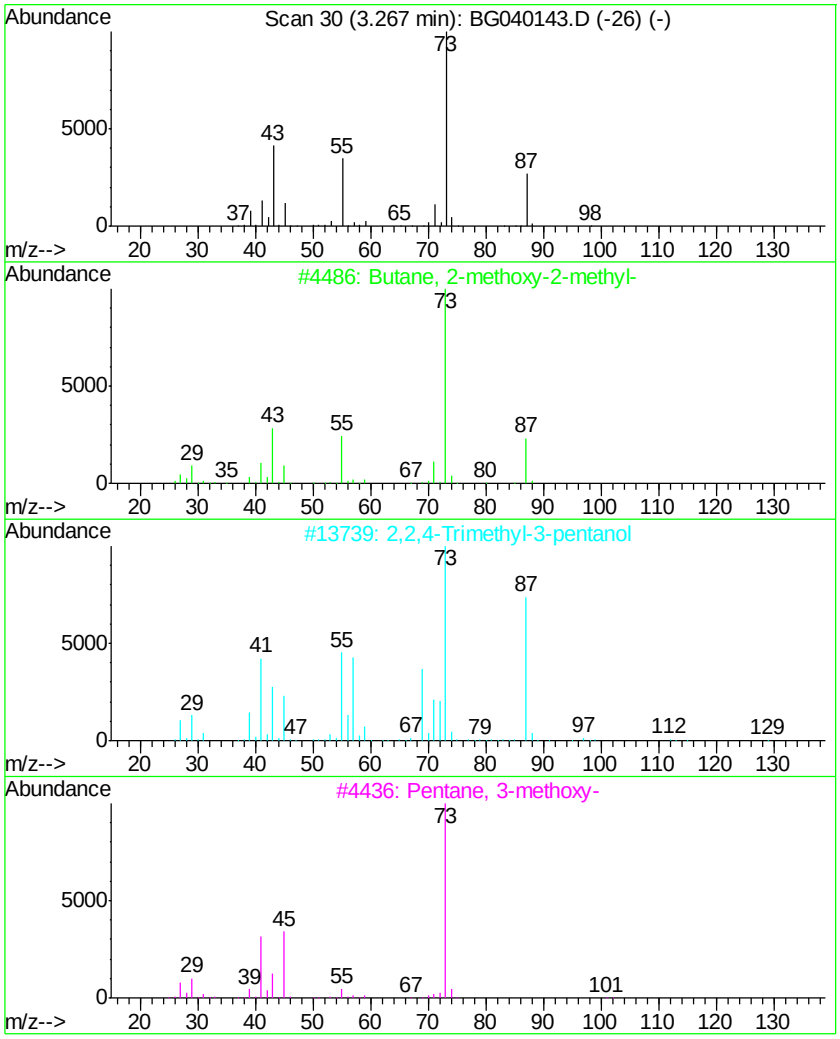
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

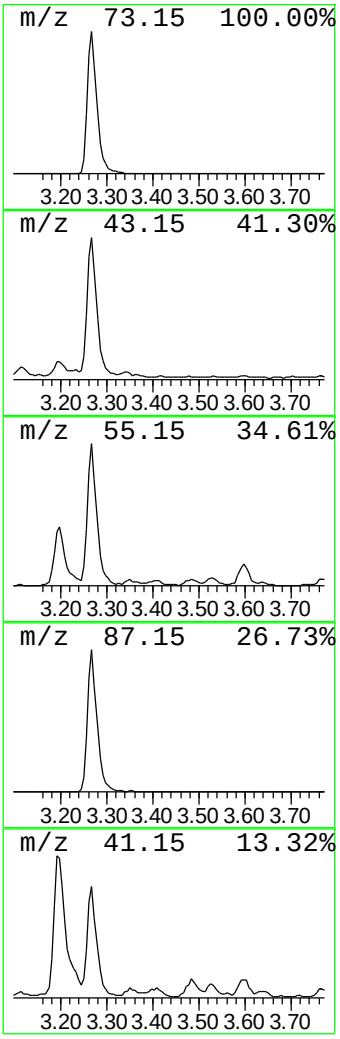
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	55.12 ng	621513	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040143.D
Acq On : 26 Mar 2019 9:32
Operator : JU/SJ
Sample : K2059-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

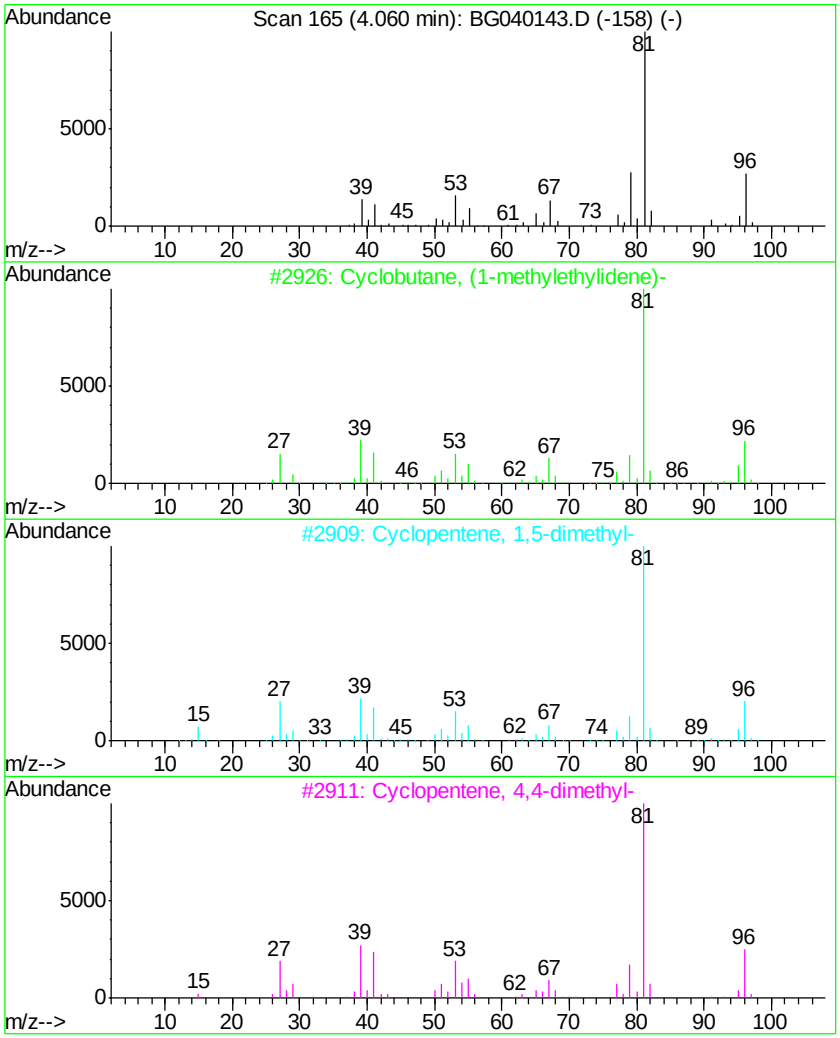
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

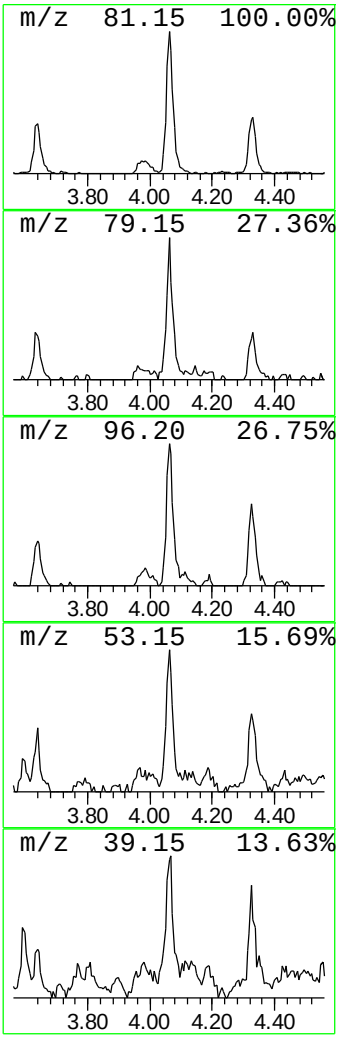
****

Peak Number 3 Cyclobutane, (1-methylethyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.06	10.82 ng	121968	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	87
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	87
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	80
5	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040143.D
Acq On : 26 Mar 2019 9:32
Operator : JU/SJ
Sample : K2059-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

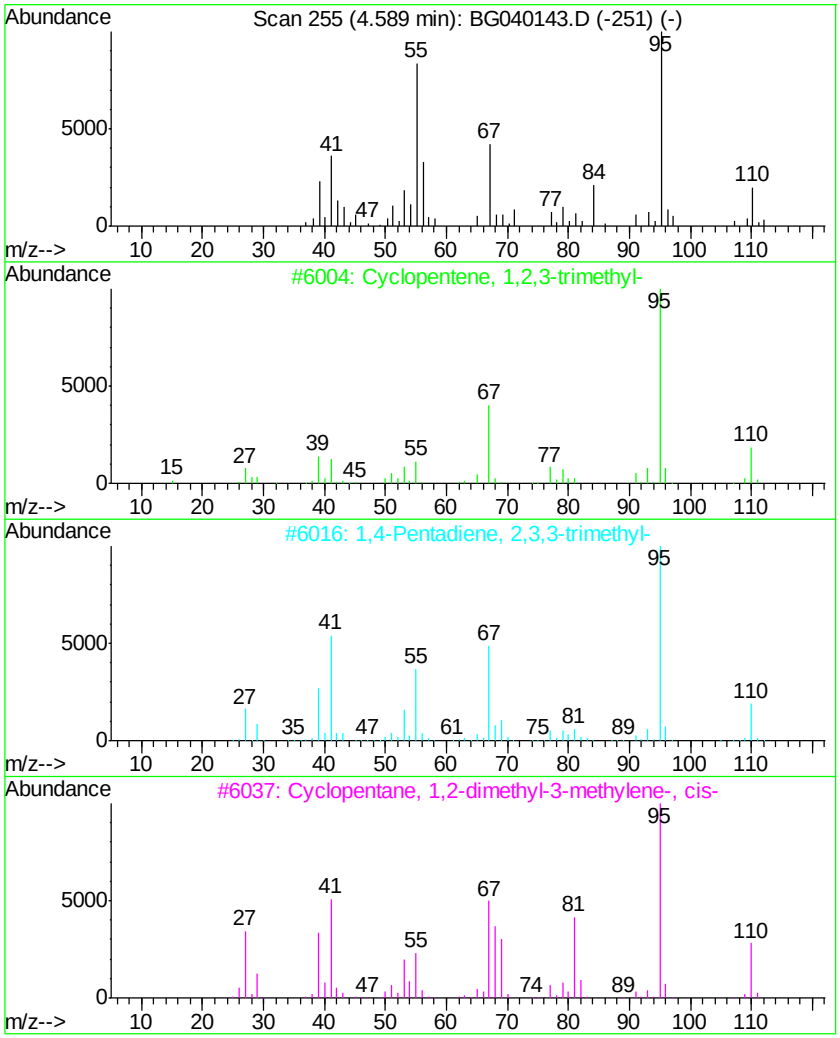
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

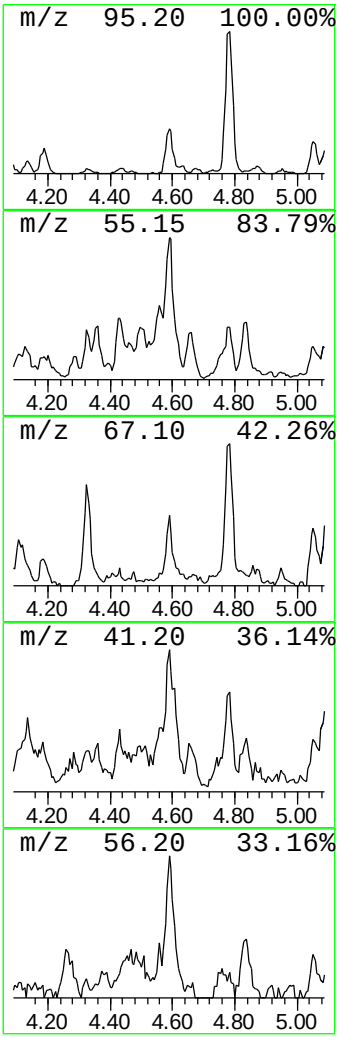
****

Peak Number 4 1,4-Pentadiene, 2,3,3-trime... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	9.12 ng	102809	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	70
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64
3	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	62
4	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	58
5	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040143.D
Acq On : 26 Mar 2019 9:32
Operator : JU/SJ
Sample : K2059-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

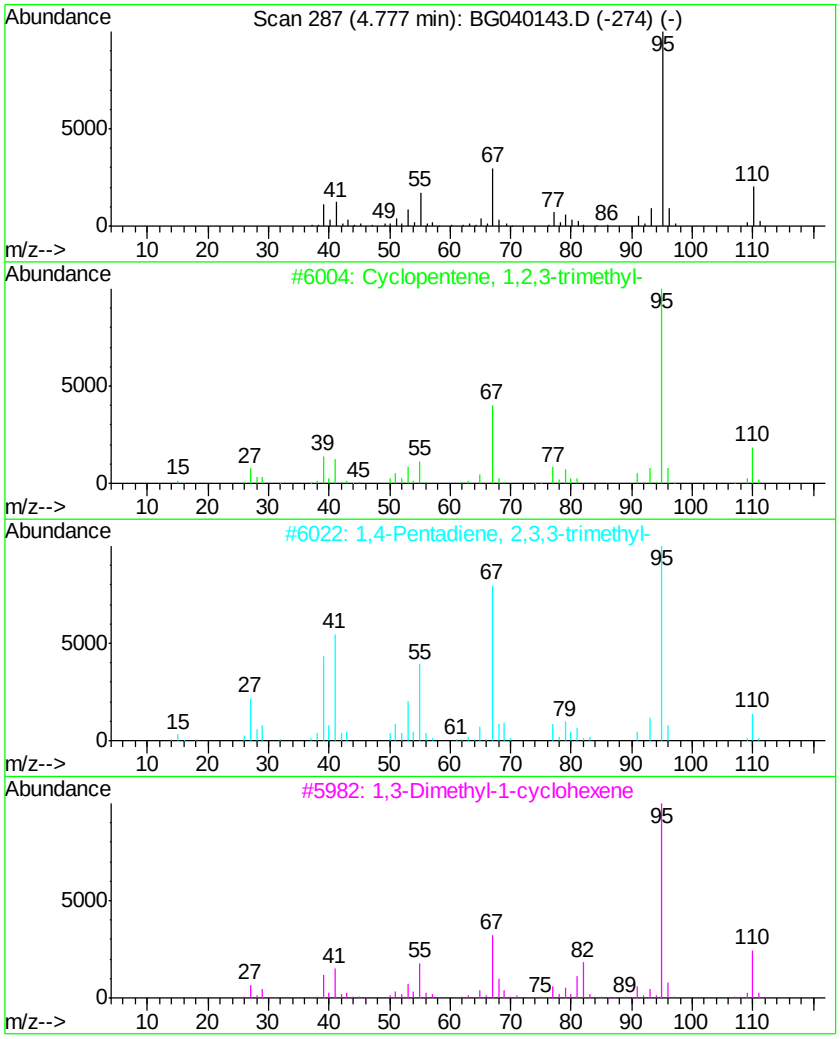
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

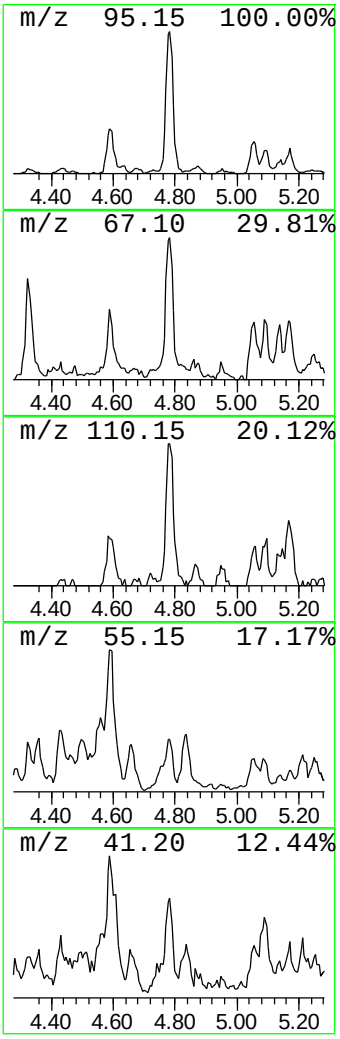
****

Peak Number 5 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	13.57 ng	153030	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	94
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	91
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	91
4	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	91
5	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040143.D
Acq On : 26 Mar 2019 9:32
Operator : JU/SJ
Sample : K2059-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

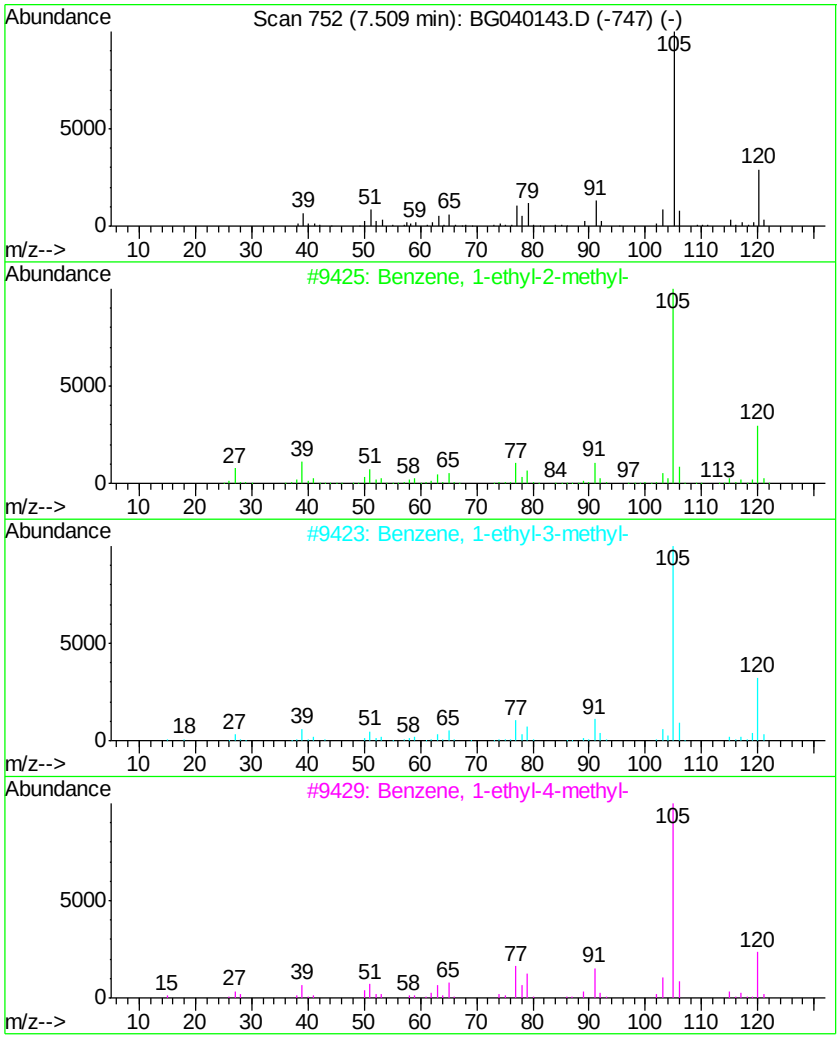
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

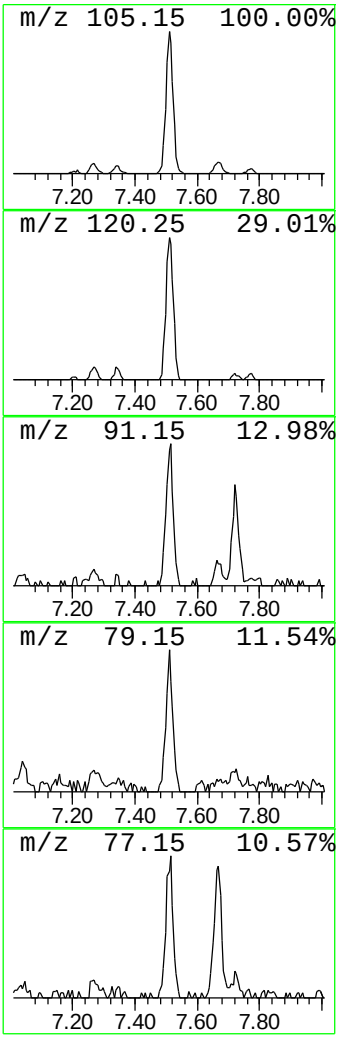
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	14.30 ng	161204	1,4-Dichlorobenzene-d4	8.14

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	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040143.D
Acq On : 26 Mar 2019 9:32
Operator : JU/SJ
Sample : K2059-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

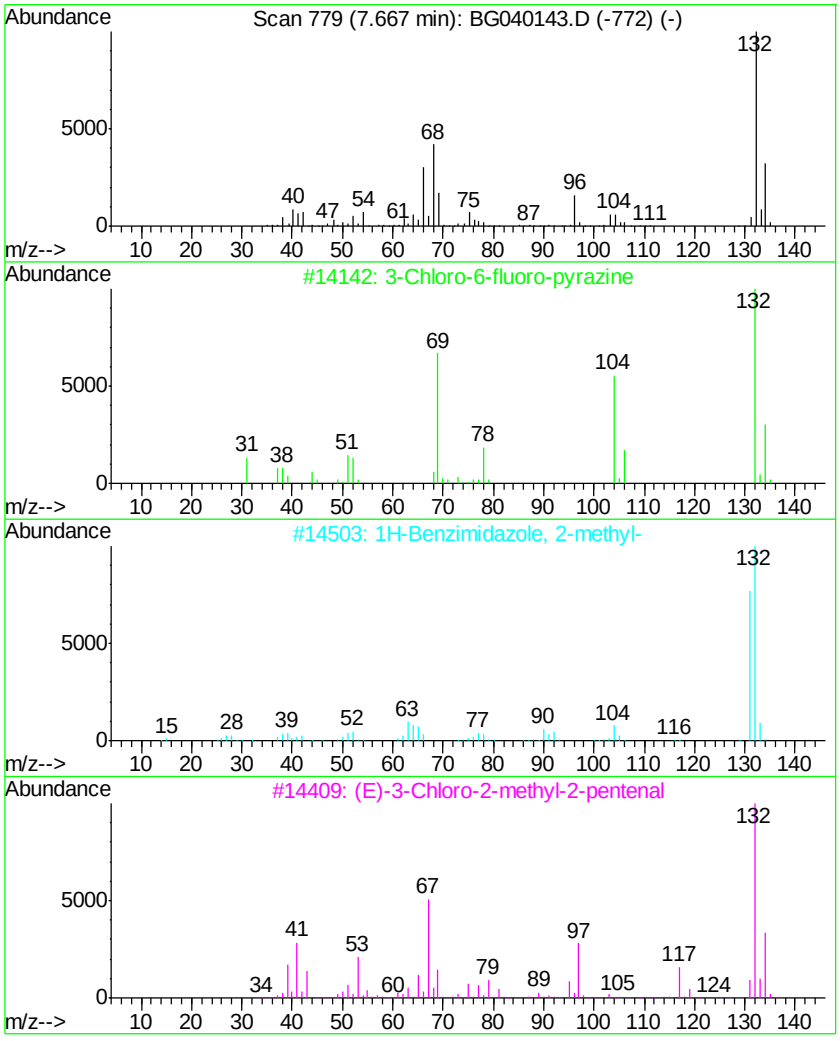
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

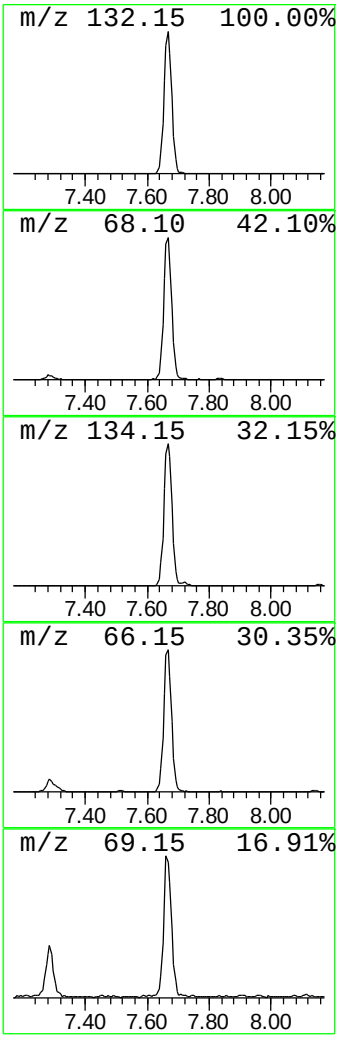
****

Peak Number 7 unknown7.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	88.73 ng	1000420	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040143.D
Acq On : 26 Mar 2019 9:32
Operator : JU/SJ
Sample : K2059-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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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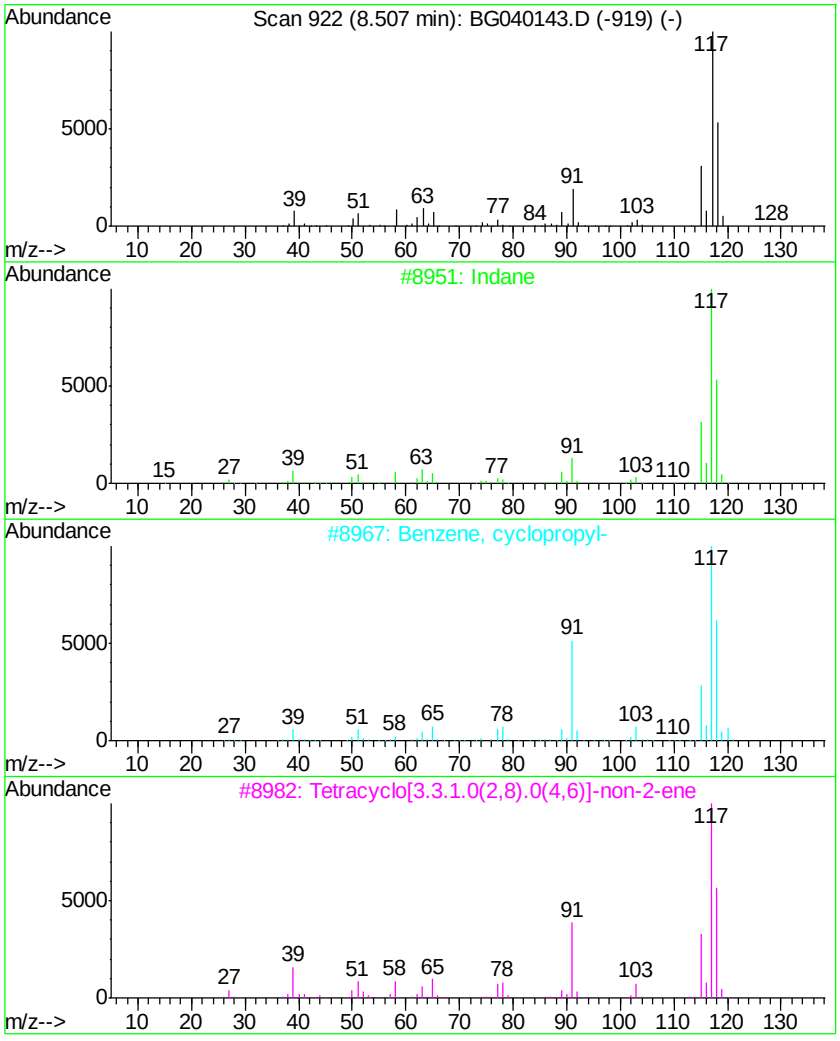
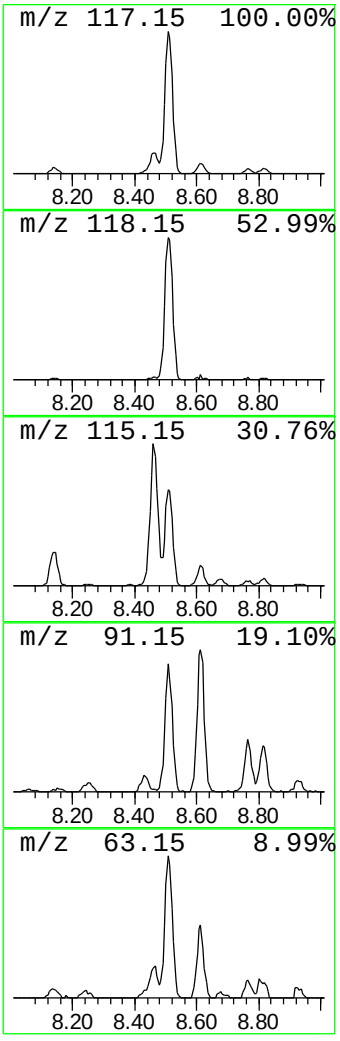
Peak Number 9 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	47.31 ng	533433	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72





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Sample : K2059-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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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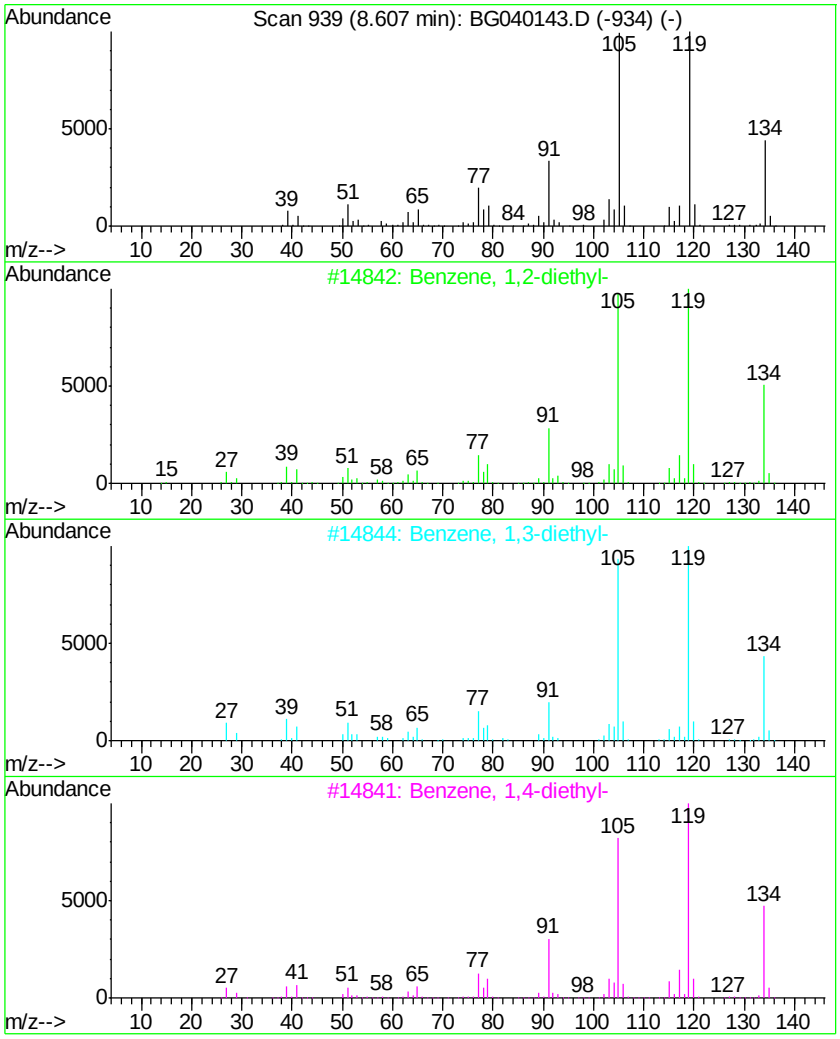
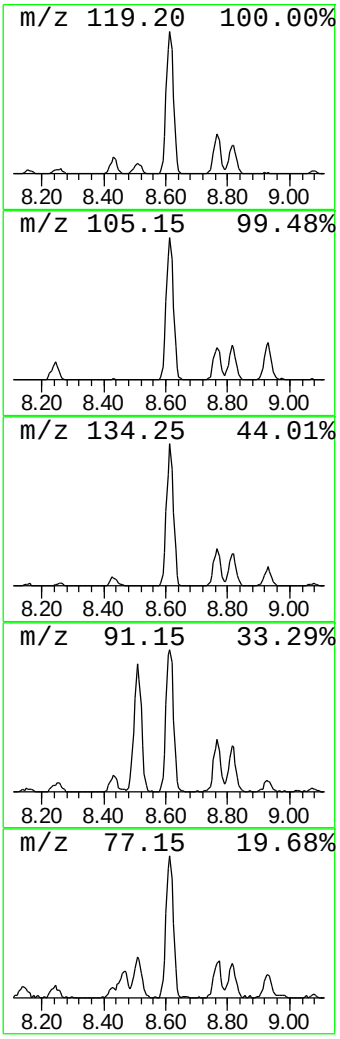
Peak Number 10 Benzene, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	48.02 ng	541390	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Sample : K2059-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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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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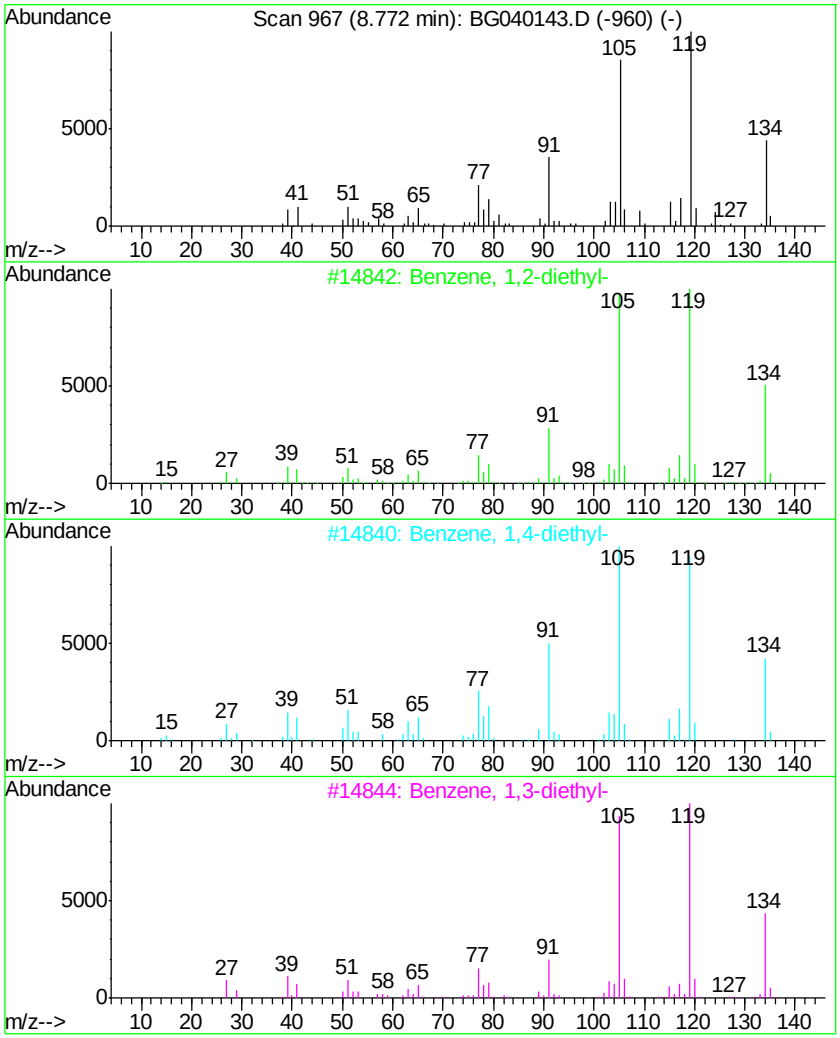
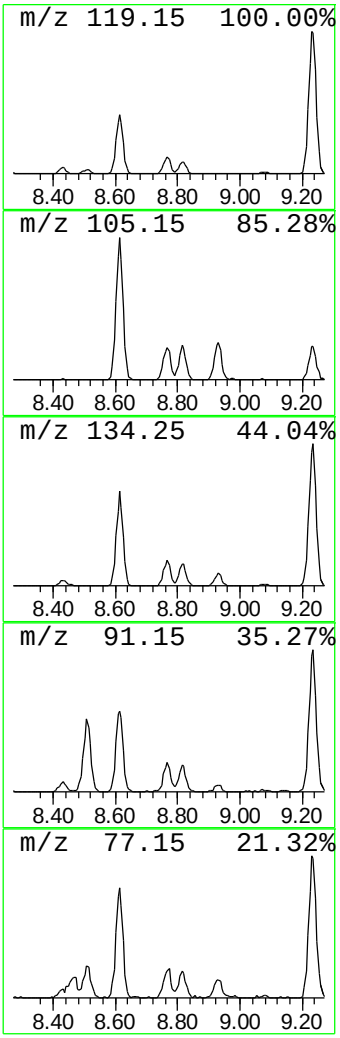
Peak Number 11 Benzene, 1,4-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	14.43 ng	162709	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
5	p-Cymene	134	C10H14	000099-87-6	76





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Operator : JU/SJ
Sample : K2059-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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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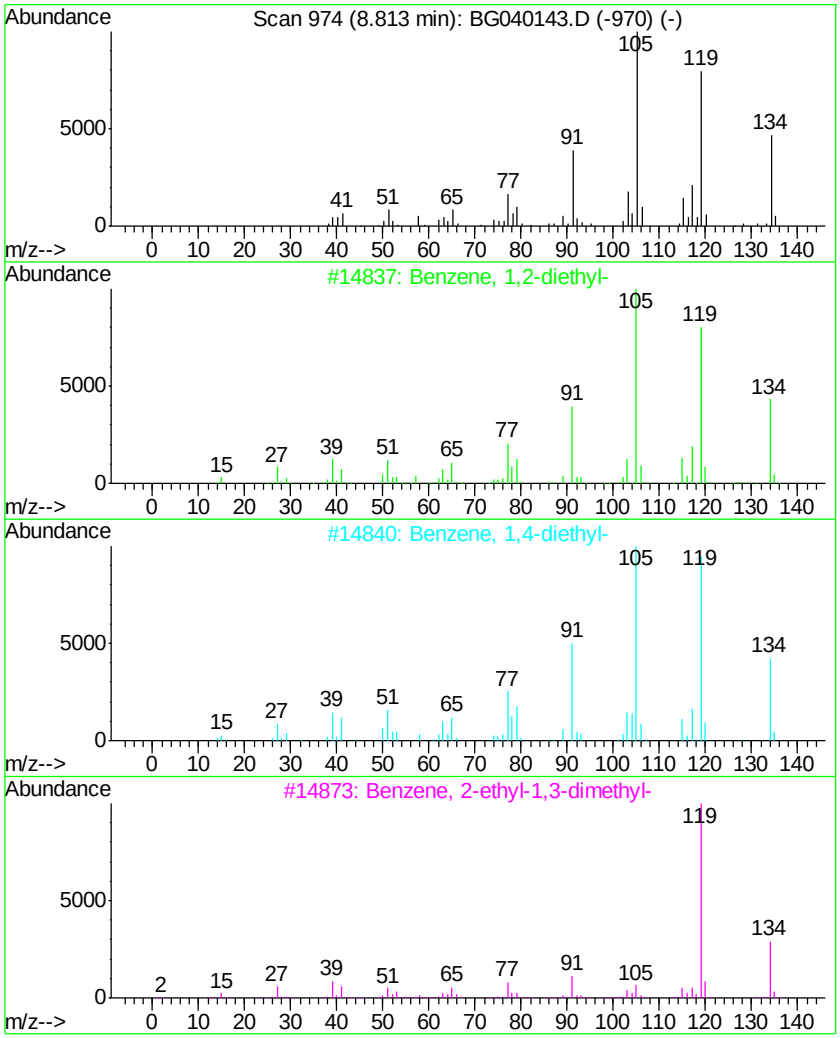
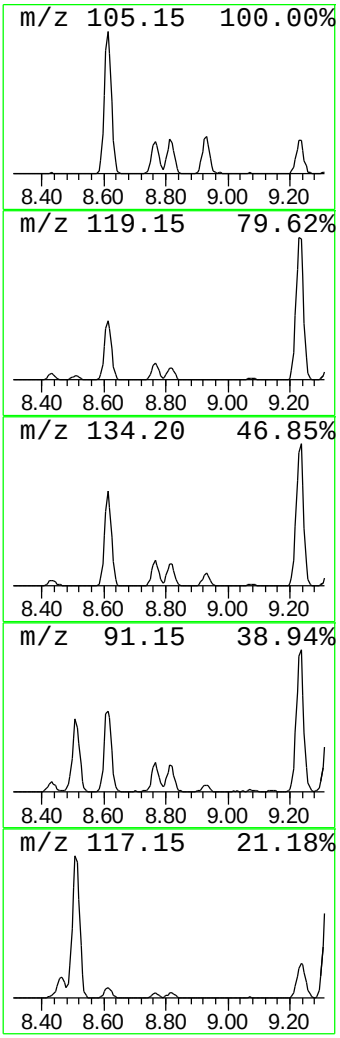
Peak Number 12 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	13.35 ng	150517	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	83
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
5	Ethanone, 1-(2-methylphenyl)-	134	C9H10O	000577-16-2	58





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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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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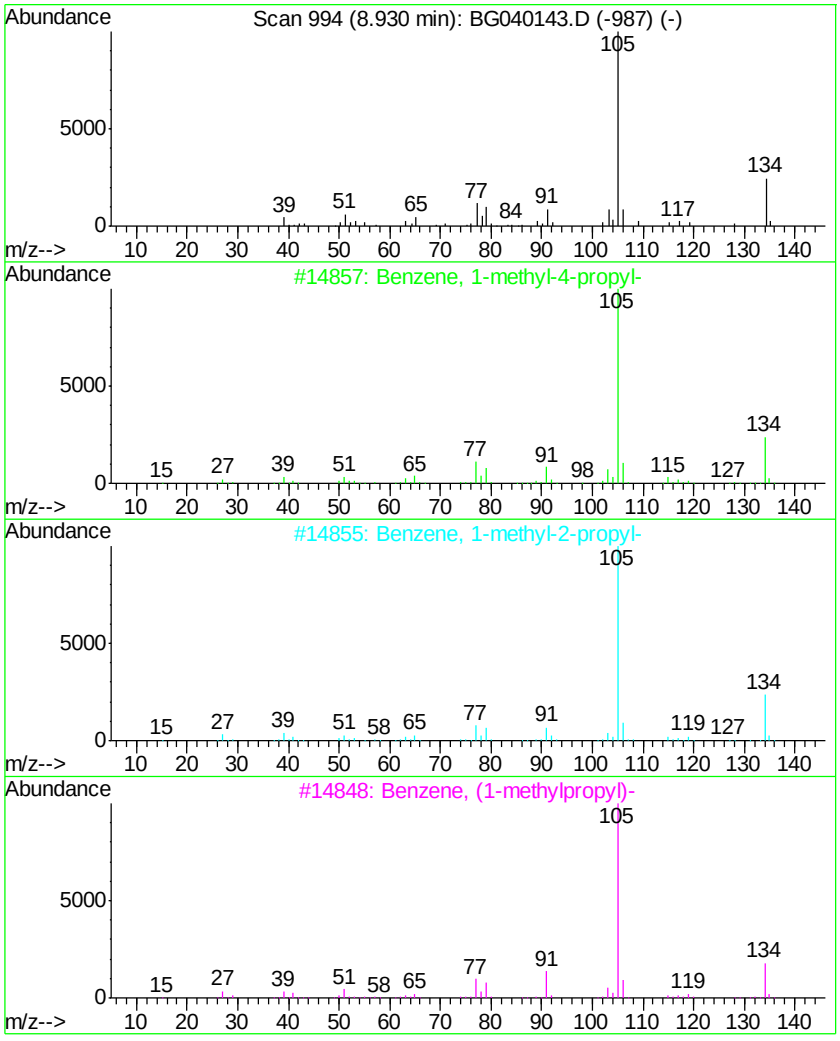
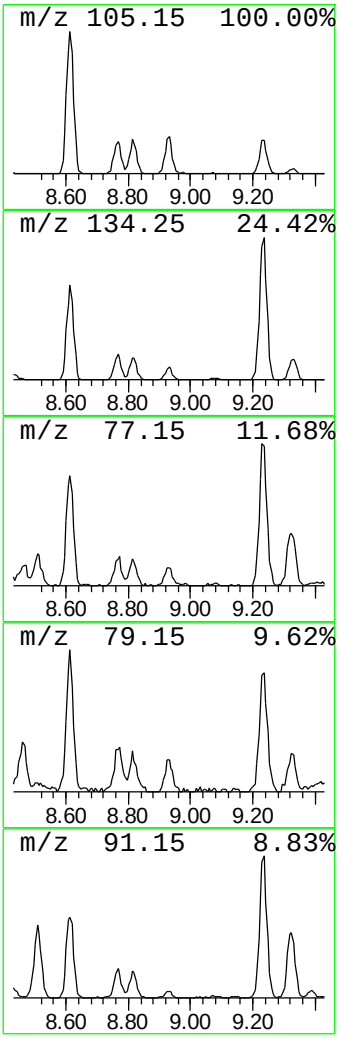
Peak Number 13 Benzene, 1-methyl-4-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	6.42 ng	72400	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	87
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	86





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Sample : K2059-06
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ClientSampleId : MW-3

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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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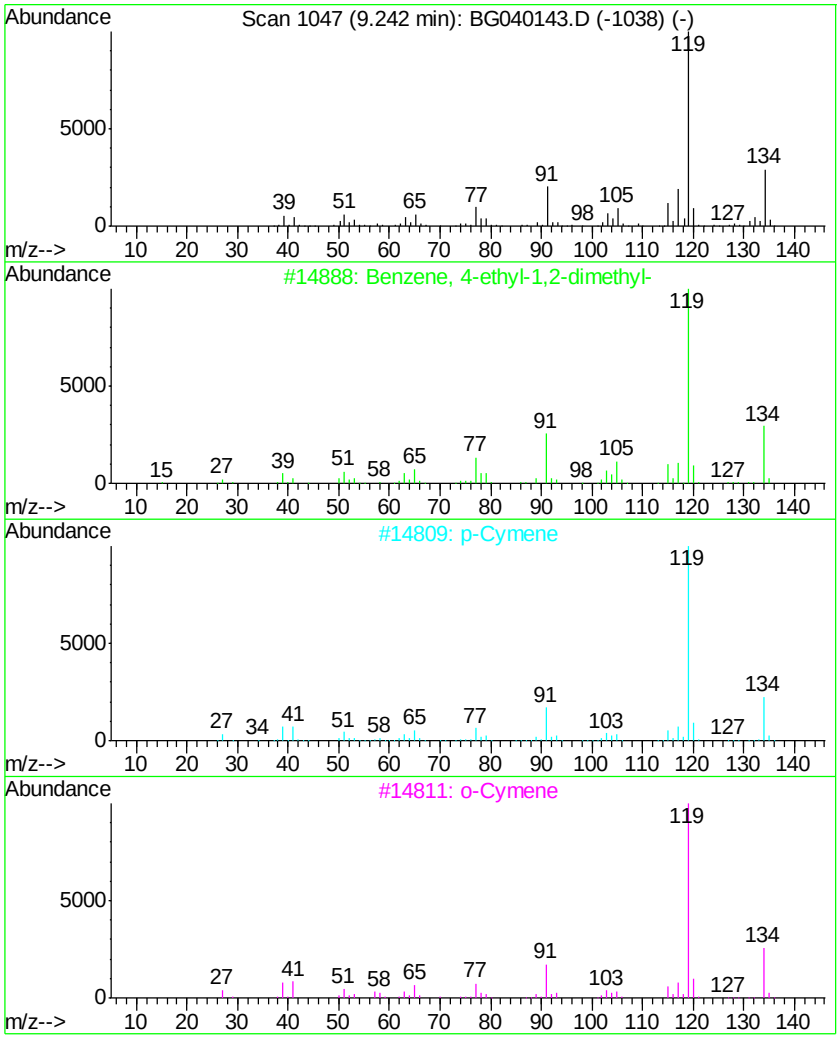
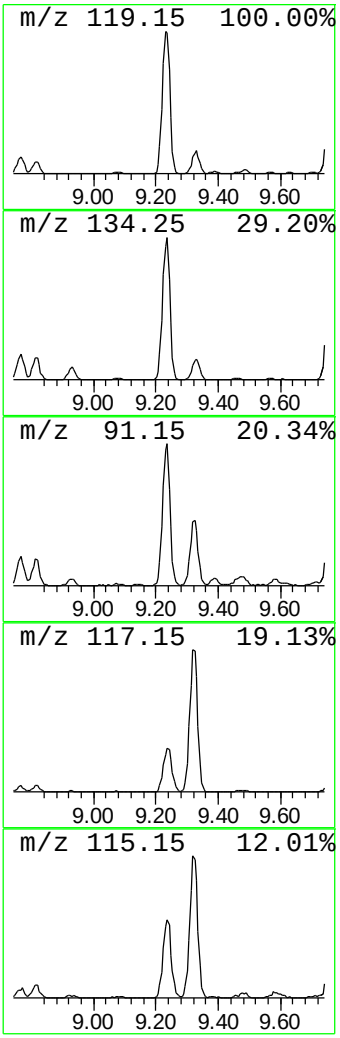
Peak Number 14 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	81.35 ng	917273	1,4-Dichlorobenzene-d4	8.14

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





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Operator : JU/SJ
Sample : K2059-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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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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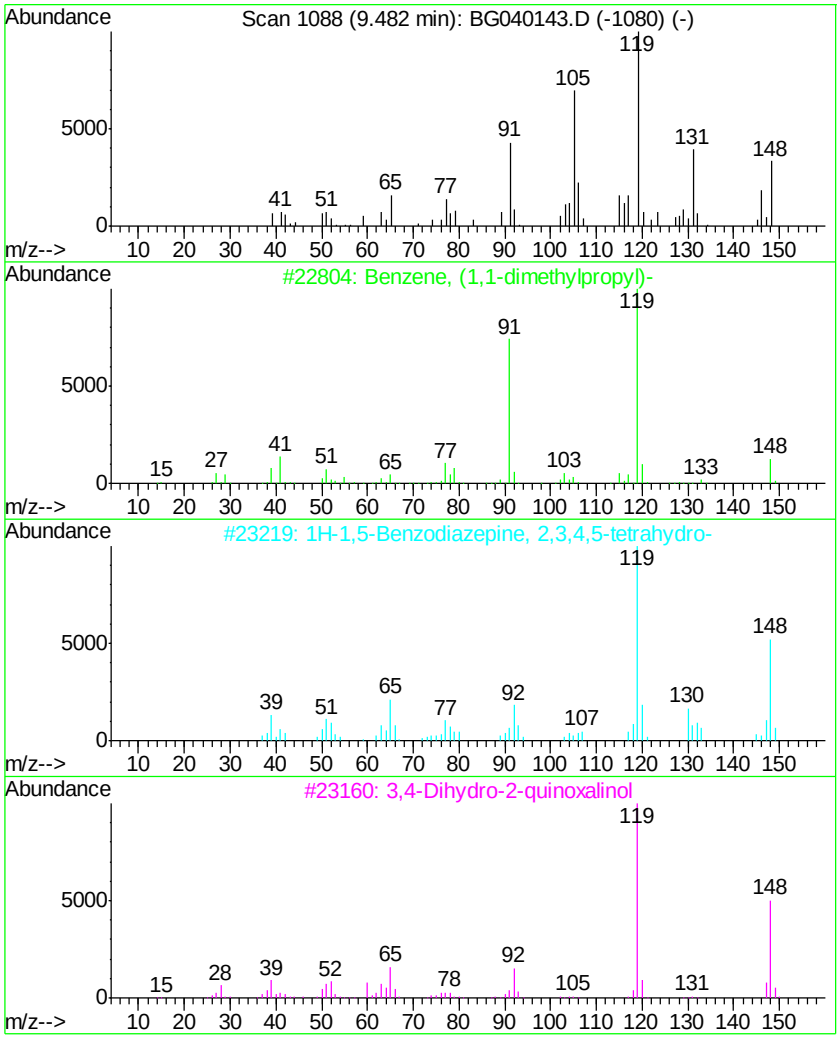
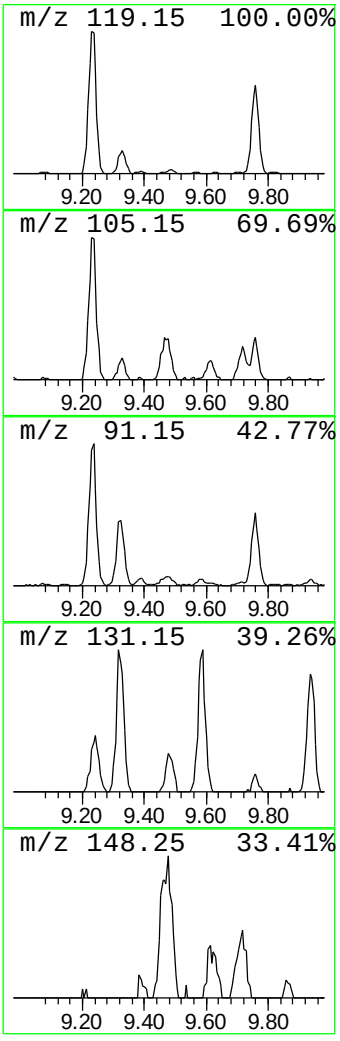
Peak Number 15 unknown9.48 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	7.52 ng	84777	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
2	1H-1,5-Benzodiazepine, 2,3,4,5-t...	148	C9H12N2	006516-89-8	38
3	3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	35
4	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	30
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	27





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Sample : K2059-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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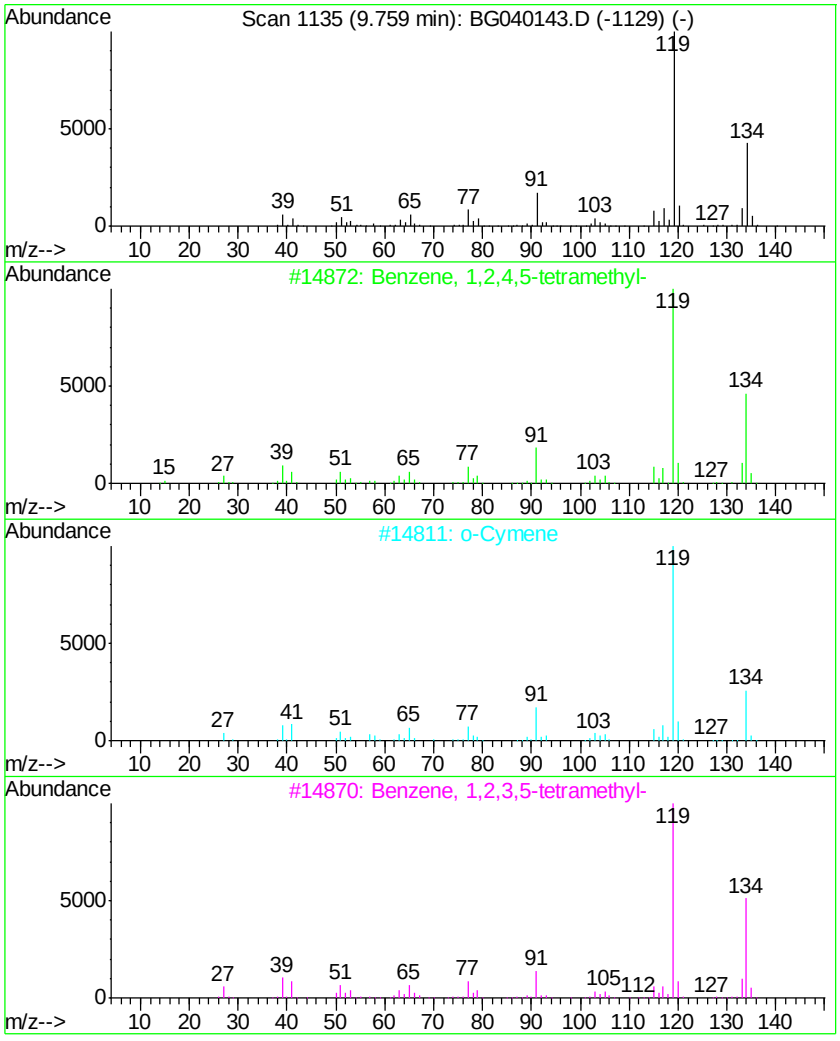
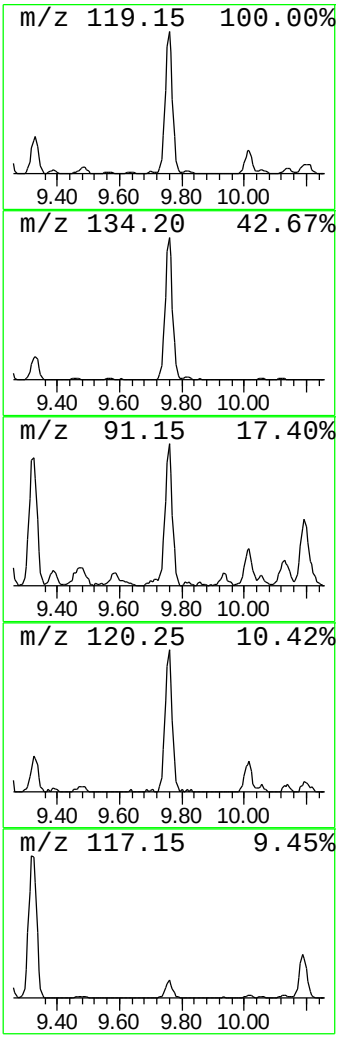
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	18.64 ng	510687	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93





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Sample : K2059-06
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Instrument : BNA_G
ClientSampleId : MW-3

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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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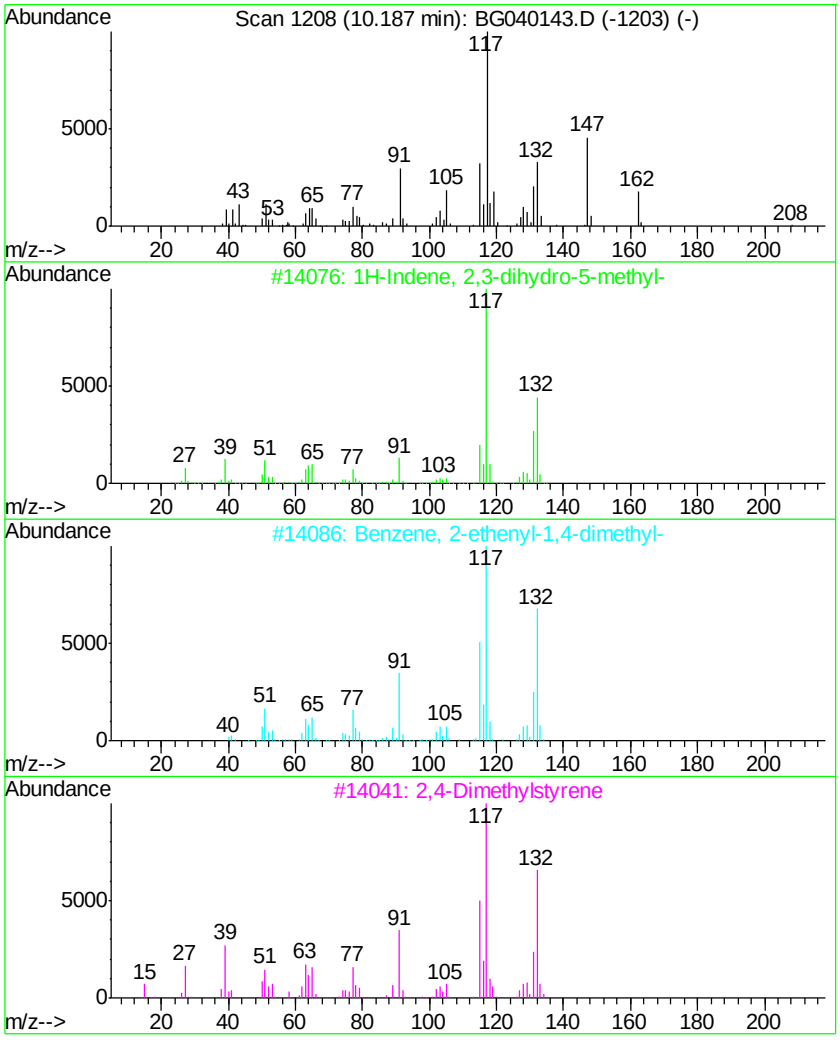
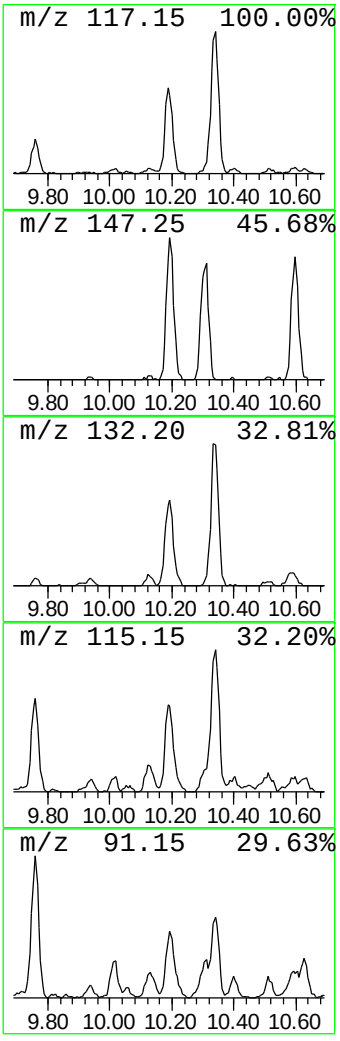
Peak Number 17 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	10.67 ng	292352	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	78
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	60





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Instrument : BNA_G
ClientSampleId : MW-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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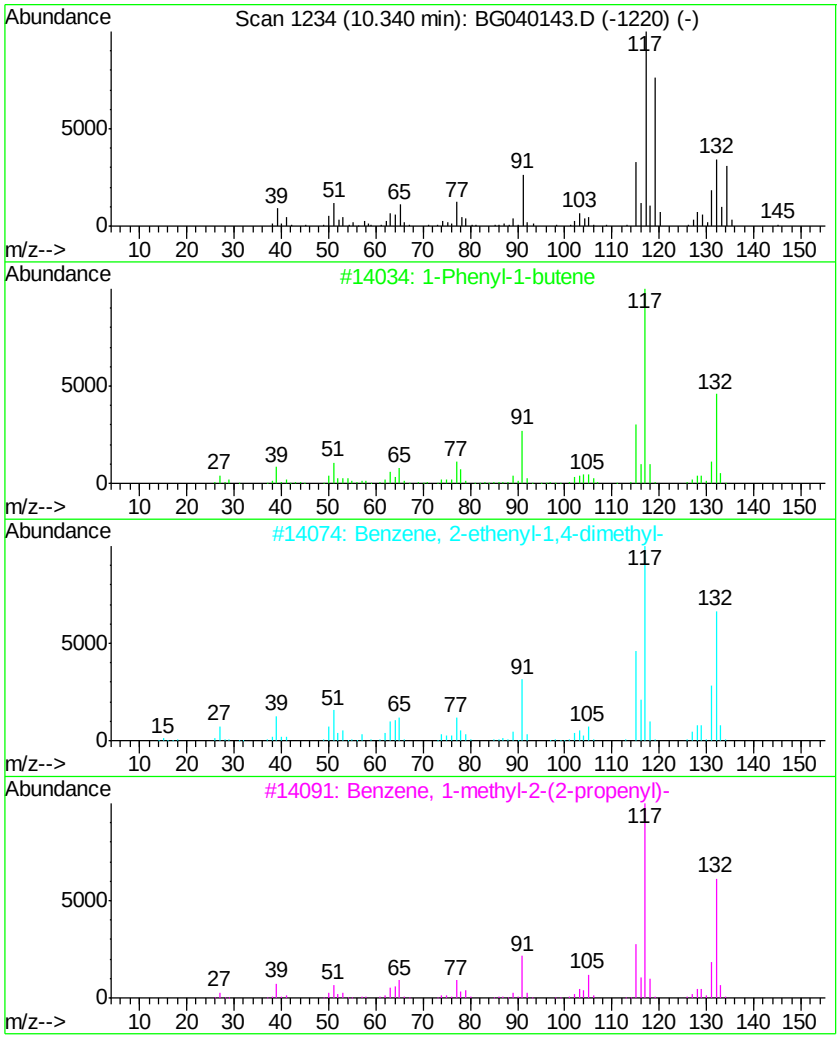
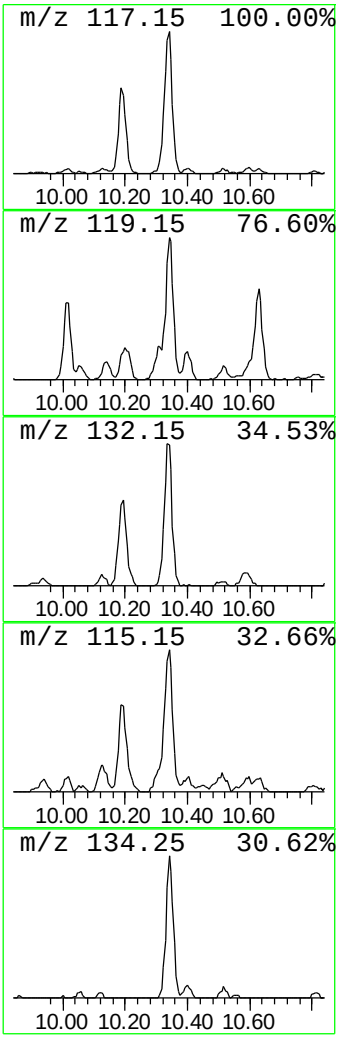
Peak Number 18 1-Phenyl-1-butene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	17.76 ng	486660	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	60
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	60
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	60





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Misc :
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Instrument : BNA_G
ClientSampleId : MW-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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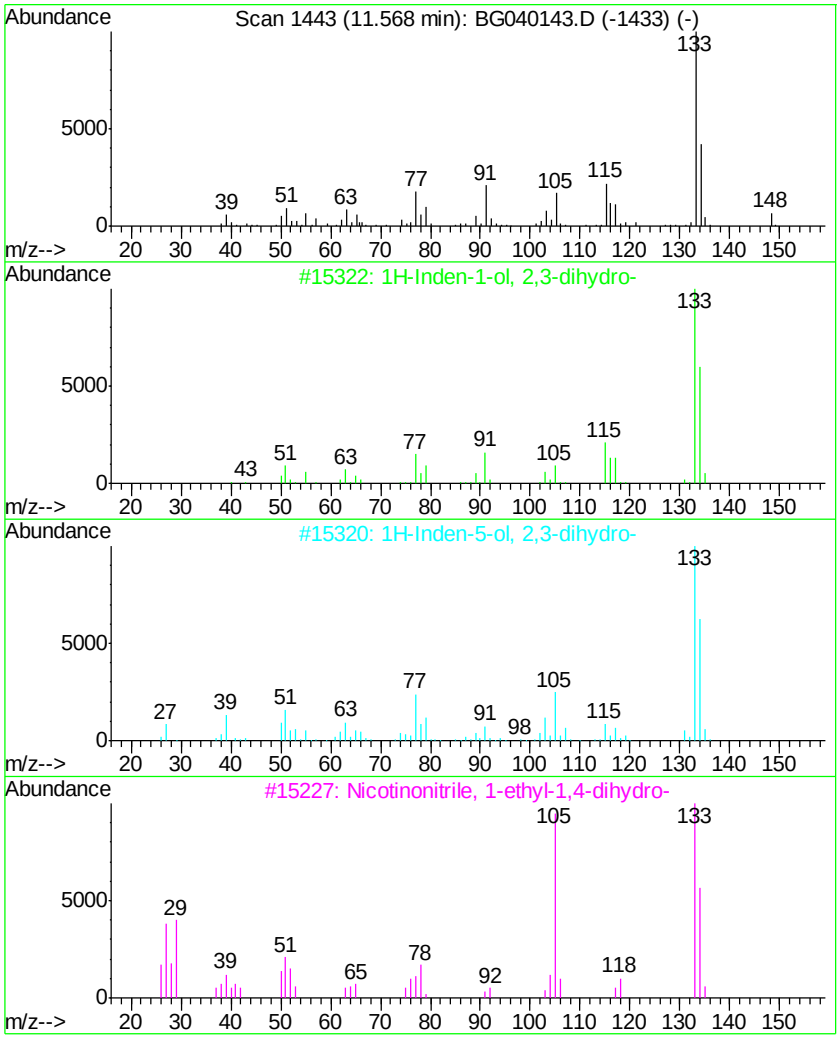
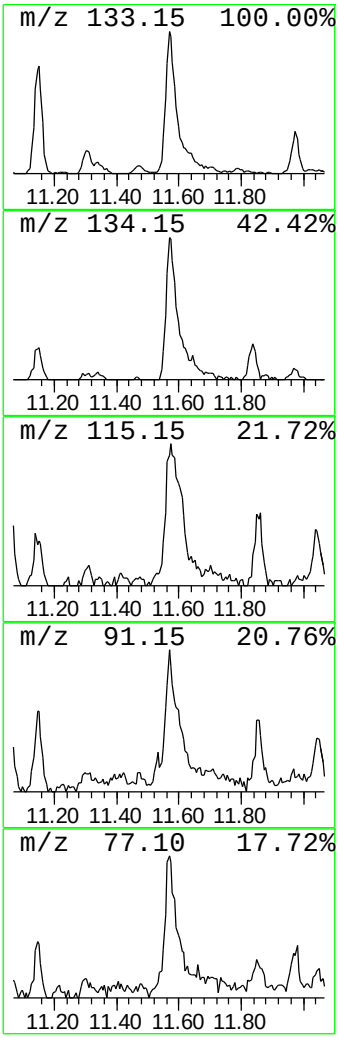
Peak Number 19 1H-Inden-1-ol, 2,3-dihydro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	12.04 ng	329880	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	94
2	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	55
3	Nicotinonitrile, 1-ethyl-1,4-dih...	134	C8H10N2	019424-16-9	53
4	1-methyl-1-indanol	148	C10H12O	064666-42-8	52
5	Pyrazine, 2-methyl-6-(1-propenyl...	134	C8H10N2	055138-67-5	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040143.D
Acq On : 26 Mar 2019 9:32
Operator : JU/SJ
Sample : K2059-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

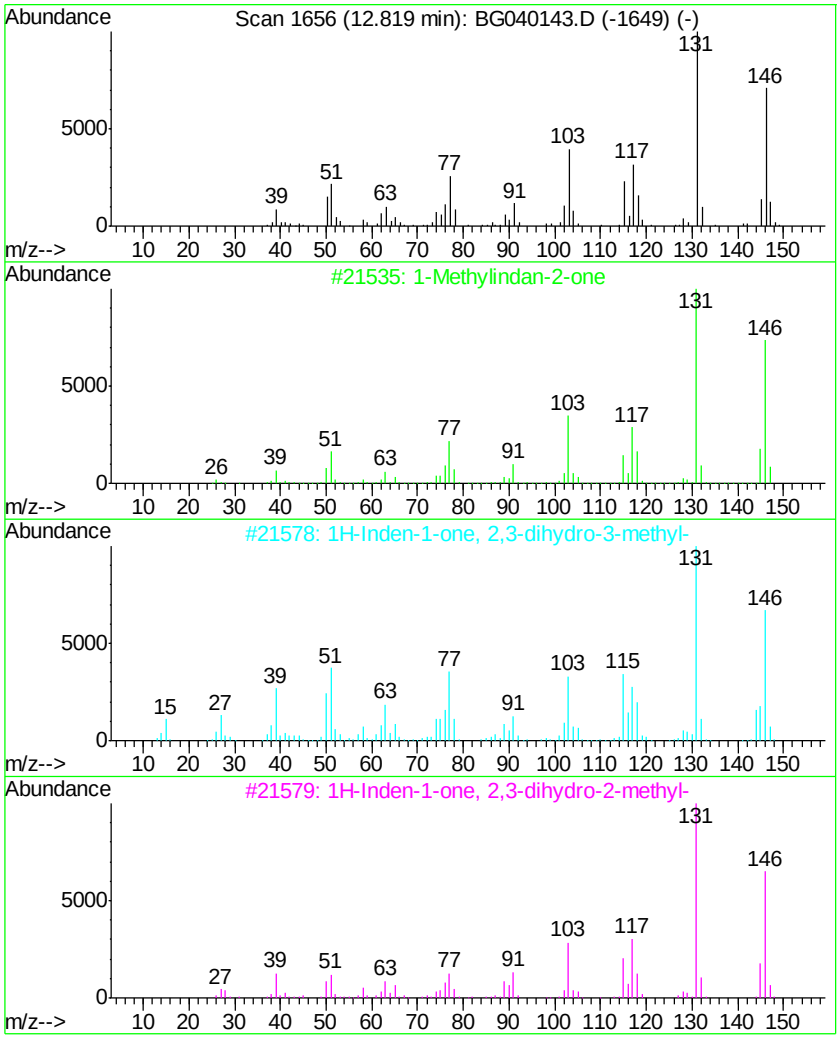
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

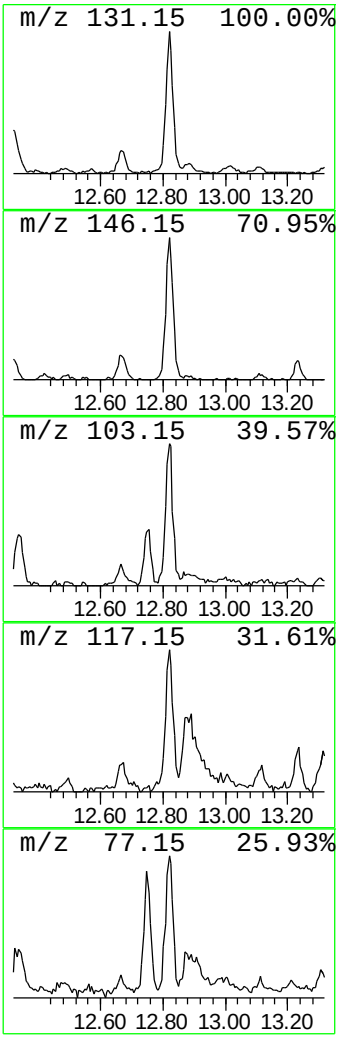
****

Peak Number 20 1-Methylindan-2-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	7.53 ng	206384	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylindan-2-one	146	C10H10O	035587-60-1	96
2	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	90
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	86
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040143.D
Acq On : 26 Mar 2019 9:32
Operator : JU/SJ
Sample : K2059-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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
Butane, 2-methoxy...	3.27	55.1	ng	621513	1	8.14	225503	20.0
Cyclobutane, (1-m...	4.06	10.8	ng	121968	1	8.14	225503	20.0
1,4-Pentadiene, 2...	4.59	9.1	ng	102809	1	8.14	225503	20.0
Cyclopentene, 1,2...	4.78	13.6	ng	153030	1	8.14	225503	20.0
Benzene, 1-ethyl-...	7.51	14.3	ng	161204	1	8.14	225503	20.0
unknown7.67	7.67	88.7	ng	1000420	1	8.14	225503	20.0
Indane	8.51	47.3	ng	533433	1	8.14	225503	20.0
Benzene, 1,2-diet...	8.61	48.0	ng	541390	1	8.14	225503	20.0
Benzene, 1,4-diet...	8.77	14.4	ng	162709	1	8.14	225503	20.0
Benzene, 2-ethyl-...	8.81	13.4	ng	150517	1	8.14	225503	20.0
Benzene, 1-methyl...	8.93	6.4	ng	72400	1	8.14	225503	20.0
Benzene, 4-ethyl-...	9.24	81.3	ng	917273	1	8.14	225503	20.0
unknown9.48	9.48	7.5	ng	84777	1	8.14	225503	20.0
Benzene, 1,2,4,5-...	9.76	18.6	ng	510687	2	10.96	547940	20.0
1H-Indene, 2,3-di...	10.19	10.7	ng	292352	2	10.96	547940	20.0
1-Phenyl-1-butene	10.34	17.8	ng	486660	2	10.96	547940	20.0
1H-Inden-1-ol, 2,...	11.57	12.0	ng	329880	2	10.96	547940	20.0
1-Methylindan-2-one	12.82	7.5	ng	206384	2	10.96	547940	20.0