LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
Data File : BG040165.D
Acq On : 27 Mar 2019 3:00
Operator : JU/SJ
Sample : K2103-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

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	3.196	12	18	26	rBV	249769	537925	19.95%	3.015%
2	3.272	26	31	44	rVB	549863	840009	31.16%	4.709%
3	3.806	117	122	130	rVB5	19174	43682	1.62%	0.245%
4	4.594	247	256	263	rBV6	14442	32042	1.19%	0.180%
5	5.222	358	363	371	rBV	29056	52228	1.94%	0.293%
6	5.686	436	442	450	rBV	261828	414614	15.38%	2.324%
7	6.186	521	527	535	rBV	48070	74675	2.77%	0.419%
8	6.879	637	645	652	rVB4	13465	32807	1.22%	0.184%
9	7.102	678	683	687	rBV	23558	40195	1.49%	0.225%
10	7.190	693	698	706	rVB5	14722	28707	1.06%	0.161%
11	7.284	706	714	720	rVV	171161	308758	11.45%	1.731%
12	7.343	720	724	728	rVV2	25184	42654	1.58%	0.239%
13	7.507	746	752	759	rBV	53675	90111	3.34%	0.505%
14	7.666	771	779	785	rBV	453050	782398	29.02%	4.386%
15	7.778	793	798	804	rVB2	20863	35576	1.32%	0.199%
16	8.136	853	859	864	rBV	138554	242329	8.99%	1.358%
17	8.177	864	866	871	rVV3	20029	29771	1.10%	0.167%
18	8.242	873	877	882	rVB3	16501	27059	1.00%	0.152%
19	8.459	907	914	920	rBV	543481	945123	35.06%	5.298%
20	8.512	920	923	934	rVB2	52893	101106	3.75%	0.567%
21	8.612	934	940	945	rVB	55507	85920	3.19%	0.482%
22	8.759	960	965	970	rBV2	43779	78995	2.93%	0.443%
23	8.806	970	973	978	rVV5	20142	34619	1.28%	0.194%
24	9.076	1014	1019	1025	rVB4	27266	48027	1.78%	0.269%
25	9.229	1038	1045	1053	rBV2	138733	249304	9.25%	1.398%
26	9.317	1053	1060	1068	rBV	559476	1004611	37.27%	5.632%
27	9.475	1080	1087	1093	rVB7	25712	53540	1.99%	0.300%
28	9.757	1130	1135	1141	rVB	73630	121283	4.50%	0.680%
29	9.816	1141	1145	1152	rBV	40920	66375	2.46%	0.372%
30	10.010	1173	1178	1182	rBV3	22887	37290	1.38%	0.209%
31	10.127	1192	1198	1204	rBV4	36729	68991	2.56%	0.387%
32	10.192	1204	1209	1218	rVB2	48204	99361	3.69%	0.557%
33	10.286	1218	1225	1227	rBV5	14718	27045	1.00%	0.152%
34	10.339	1228	1234	1241	rVB2	147097	249842	9.27%	1.401%

LSC Area Percent Report

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Sample : K2103-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

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	10.403	1241	1245	1249	rBV4	19645	34757	1.29%	0.195%
36	10.509	1256	1263	1268	rVB5	22983	49825	1.85%	0.279%
37	10.568	1268	1273	1278	rVB8	15619	31024	1.15%	0.174%
38	10.627	1279	1283	1289	rBV2	22191	36557	1.36%	0.205%
39	10.920	1325	1333	1335	rBV2	48341	100538	3.73%	0.564%
40	10.956	1335	1339	1345	rVV	154471	274457	10.18%	1.539%
41	11.055	1351	1356	1361	rVB	37425	68193	2.53%	0.382%
42	11.144	1363	1371	1379	rVB5	22714	50161	1.86%	0.281%
43	11.537	1432	1438	1440	rBV5	18406	35866	1.33%	0.201%
44	11.602	1445	1449	1455	rVV2	20115	43111	1.60%	0.242%
45	11.743	1464	1473	1477	rBV9	14998	43928	1.63%	0.246%
46	11.854	1488	1492	1496	rVB	23413	33510	1.24%	0.188%
47	12.042	1520	1524	1530	rVB3	19333	33499	1.24%	0.188%
48	12.336	1568	1574	1580	rBV3	49485	98841	3.67%	0.554%
49	12.483	1595	1599	1606	rVB5	22877	41109	1.52%	0.230%
50	12.548	1606	1610	1615	rBV4	24755	38811	1.44%	0.218%
51	12.600	1615	1619	1626	rBV3	33164	72490	2.69%	0.406%
52	12.665	1627	1630	1637	rVB7	17001	28704	1.06%	0.161%
53	12.818	1648	1656	1666	rVB6	71245	174959	6.49%	0.981%
54	13.106	1702	1705	1711	rVV4	23013	36573	1.36%	0.205%
55	13.164	1711	1715	1720	rVB4	19437	32095	1.19%	0.180%
56	13.388	1746	1753	1760	rBV	1302091	2031481	75.36%	11.388%
57	13.705	1800	1807	1817	rBV10	18321	52957	1.96%	0.297%
58	13.952	1842	1849	1853	rBV4	58346	124484	4.62%	0.698%
59	14.081	1865	1871	1876	rBV3	22349	42529	1.58%	0.238%
60	14.134	1876	1880	1884	rVB3	20809	29249	1.09%	0.164%
61	14.204	1888	1892	1895	rBV	24500	33390	1.24%	0.187%
62	14.310	1904	1910	1916	rVV8	22748	49801	1.85%	0.279%
63	14.386	1918	1923	1929	rVB6	18417	39171	1.45%	0.220%
64	14.557	1947	1952	1958	rBV8	17352	35519	1.32%	0.199%
65	14.698	1967	1976	1982	rBV7	22797	61929	2.30%	0.347%
66	14.762	1982	1987	1994	rVB2	295886	478731	17.76%	2.684%
67	14.833	1994	1999	2004	rVB2	23010	38333	1.42%	0.215%
68	14.886	2004	2008	2012	rBV3	25541	46807	1.74%	0.262%
69	15.150	2043	2053	2060	rVB10	16549	52325	1.94%	0.293%
70	15.614	2127	2132	2138	rBV7	16435	31651	1.17%	0.177%
71	16.248	2234	2240	2248	rBV	737263	1143043	42.40%	6.408%

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Misc :
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Instrument : BNA_G
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.489	2275	2281	2291	rVB2	37254	67340	2.50%	0.377%
73	17.506	2447	2454	2460	rBV2	398480	629142	23.34%	3.527%
74	18.357	2594	2599	2608	rBV4	63742	111030	4.12%	0.622%
75	19.620	2811	2814	2821	rVB7	25095	30838	1.14%	0.173%
76	20.102	2890	2896	2902	rBV	2036247	2695699	100.00%	15.111%
77	21.389	3110	3115	3126	rVB10	25177	68286	2.53%	0.383%
78	21.794	3177	3184	3195	rVB	383989	691491	25.65%	3.876%
79	22.552	3309	3313	3320	rVB2	24826	41576	1.54%	0.233%
80	23.268	3429	3435	3442	rVB4	32823	61791	2.29%	0.346%
81	24.091	3569	3575	3584	rVB3	34243	81733	3.03%	0.458%
82	25.078	3736	3743	3746	rBV6	31947	74534	2.76%	0.418%
83	25.148	3746	3755	3766	rVB3	216401	648125	24.04%	3.633%
84	26.241	3934	3941	3948	rBV4	22677	59911	2.22%	0.336%

Sum of corrected areas: 17838876

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
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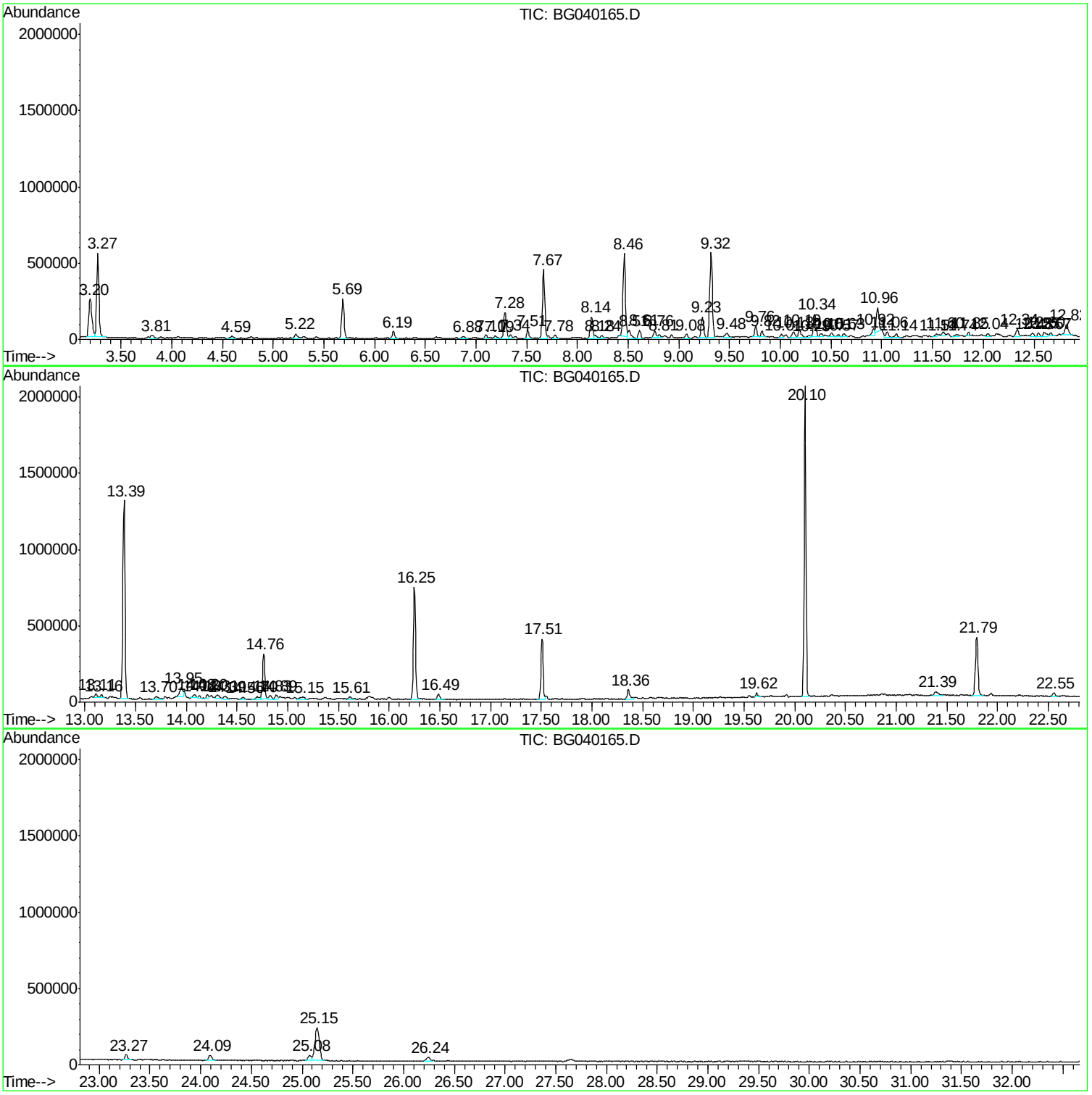
Sample : K2103-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-CLVRT-STLD-3H-B

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\BG032619\
Data File : BG040165.D
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Misc :
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Instrument :
BNA_G
ClientSampleId :
SHORE-RD-CLVRT-STLD-3H-B

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

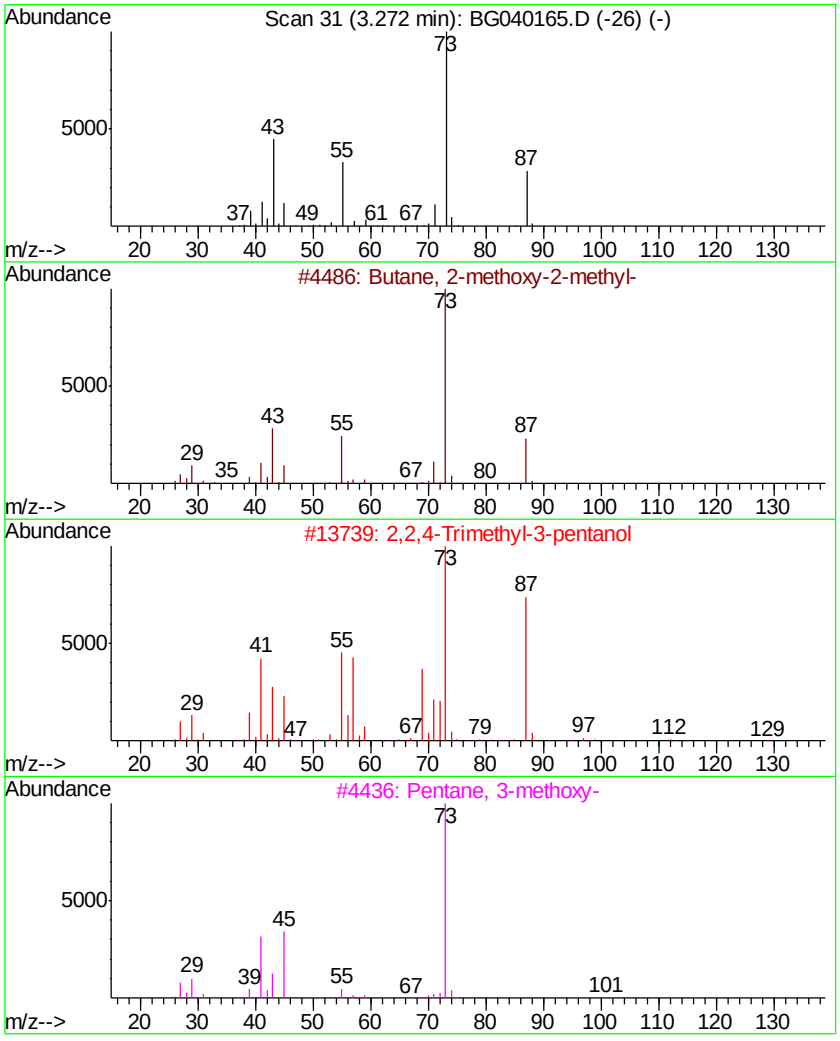
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

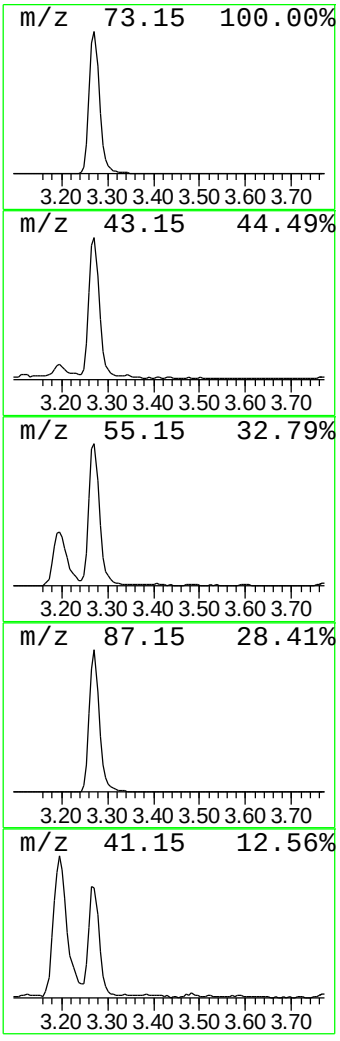
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	69.33 ng	840009	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

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

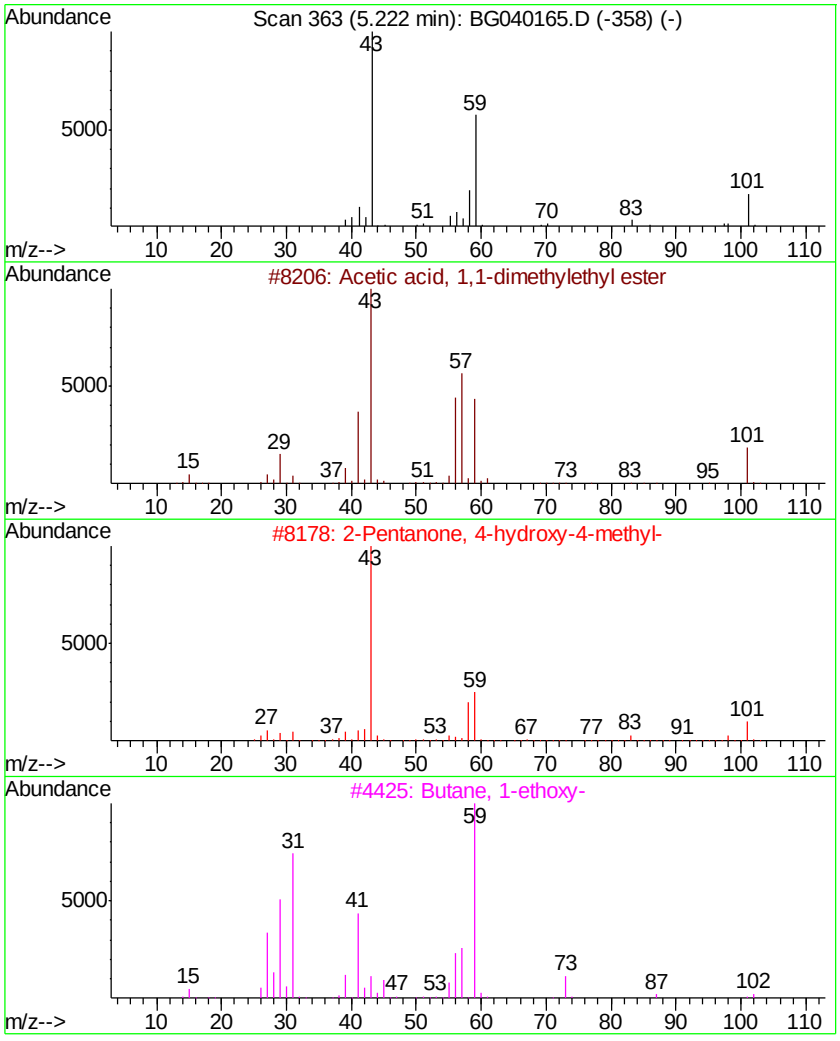
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

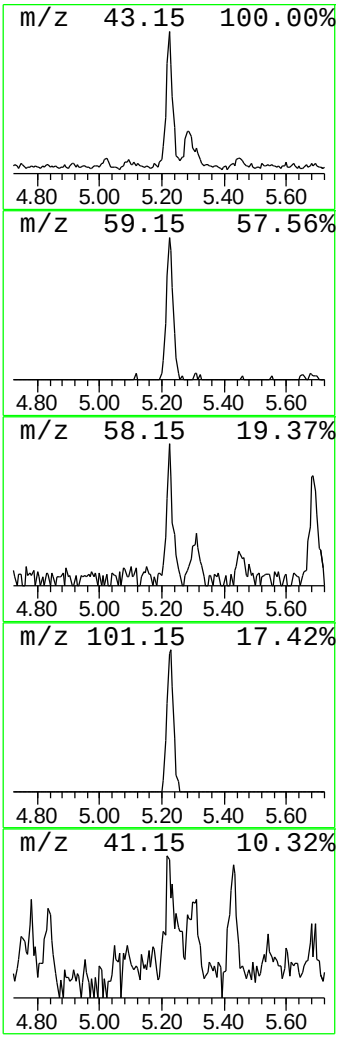
****

Peak Number 3 unknown5.22 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	4.31 ng	52228	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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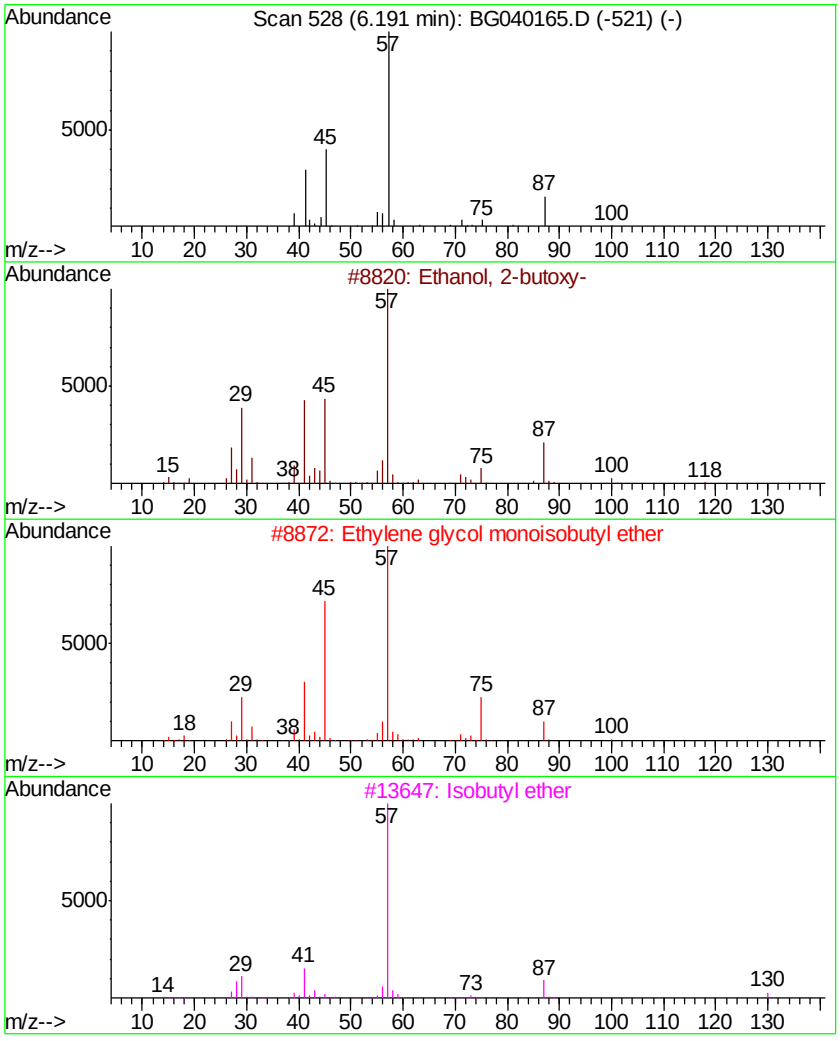
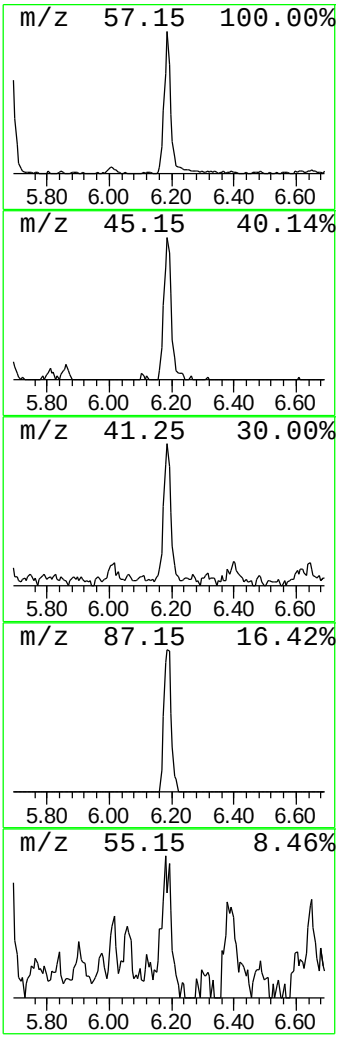
****

Peak Number 4 Ethanol, 2-butoxy- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	6.16 ng	74675	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	37
3	Isobutyl ether	130	C8H18O	000628-55-7	32
4	Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	28
5	Propanoic acid, 2-hydroxyethyl e...	118	C5H10O3	024567-27-9	25





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Instrument : BNA_G
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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
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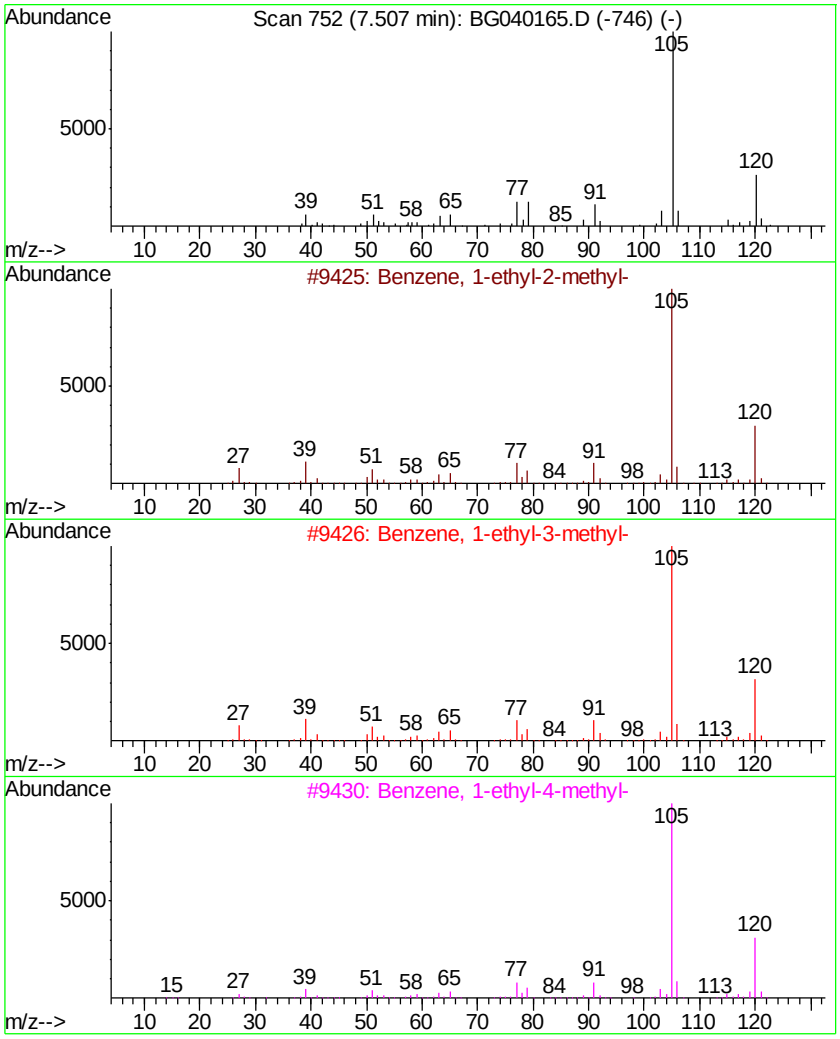
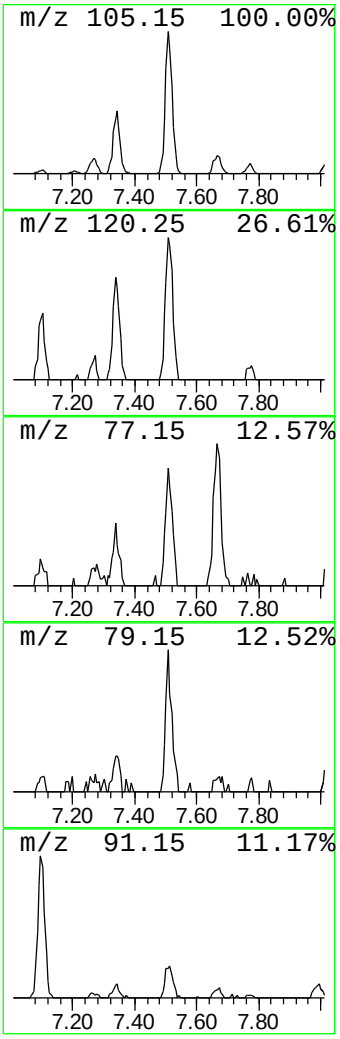
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	7.44 ng	90111	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	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Sample : K2103-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

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

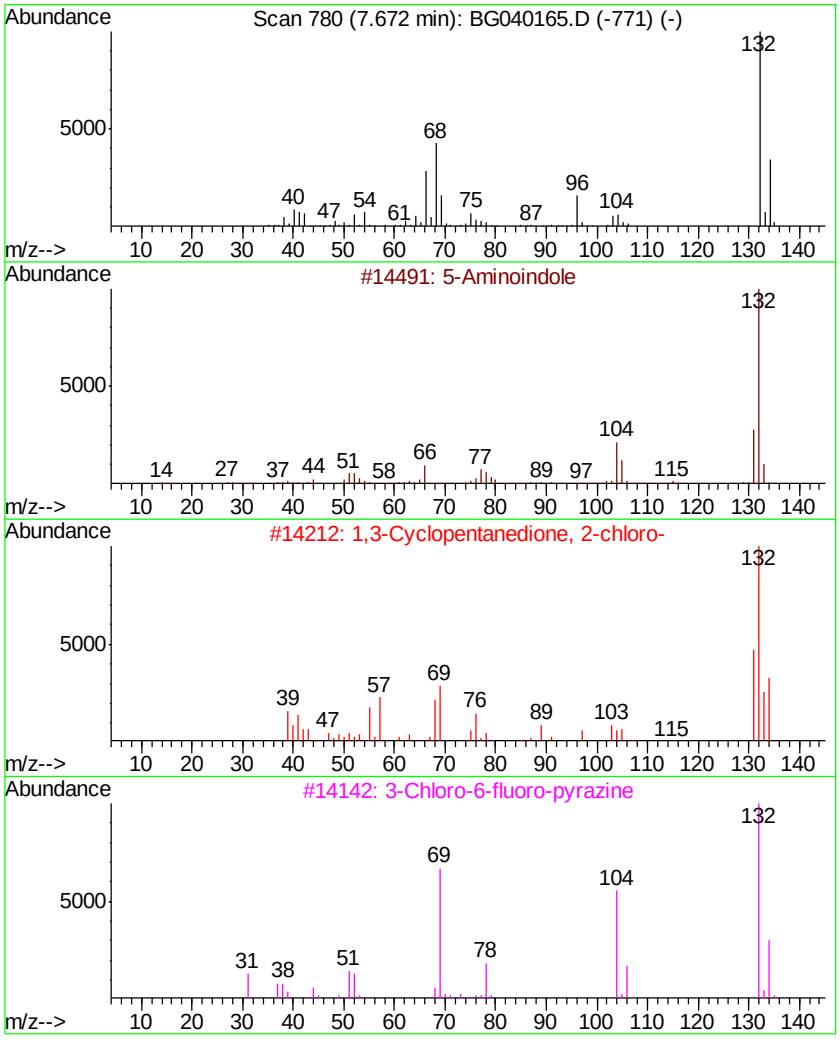
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

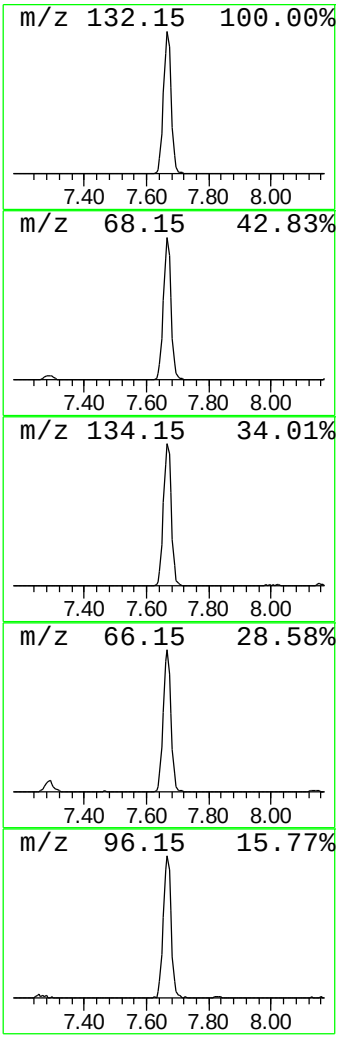
****

Peak Number 6 unknown7.67 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	64.57 ng	782398	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Instrument :
BNA_G
ClientSampleId :
SHORE-RD-CLVRT-STLD-3H-B

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
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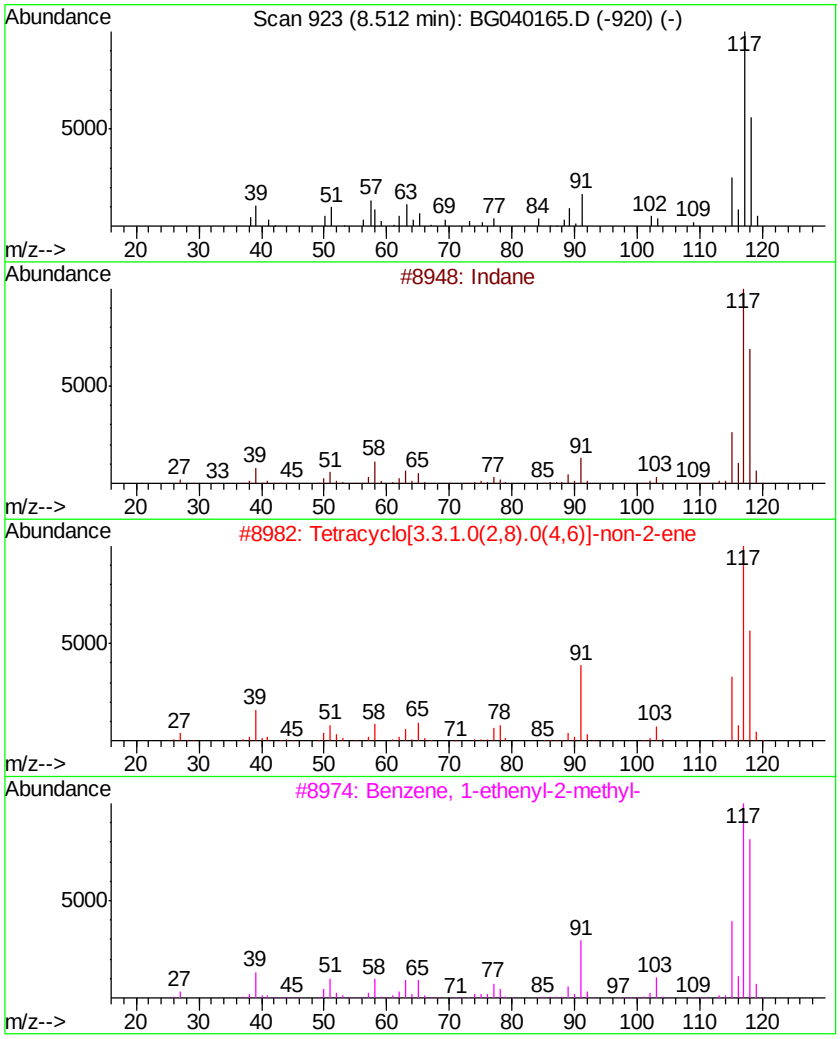
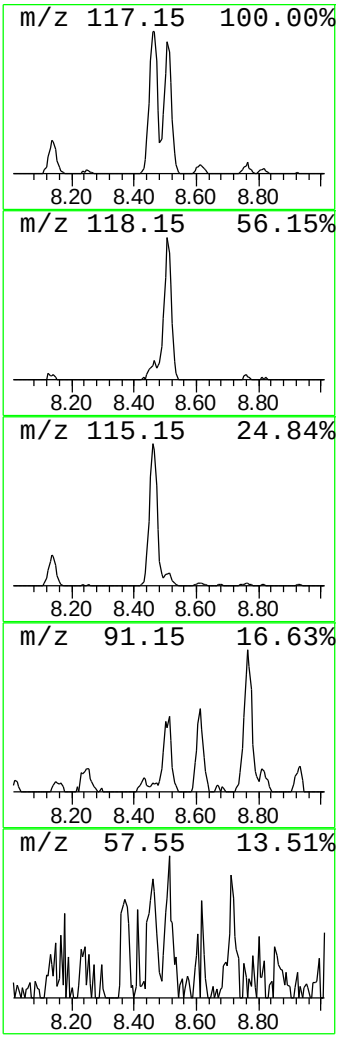
****

Peak Number 8 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	8.34 ng	101106	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	68
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64





Library Search Compound Report

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Data File : BG040165.D
Acq On : 27 Mar 2019 3:00
Operator : JU/SJ
Sample : K2103-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

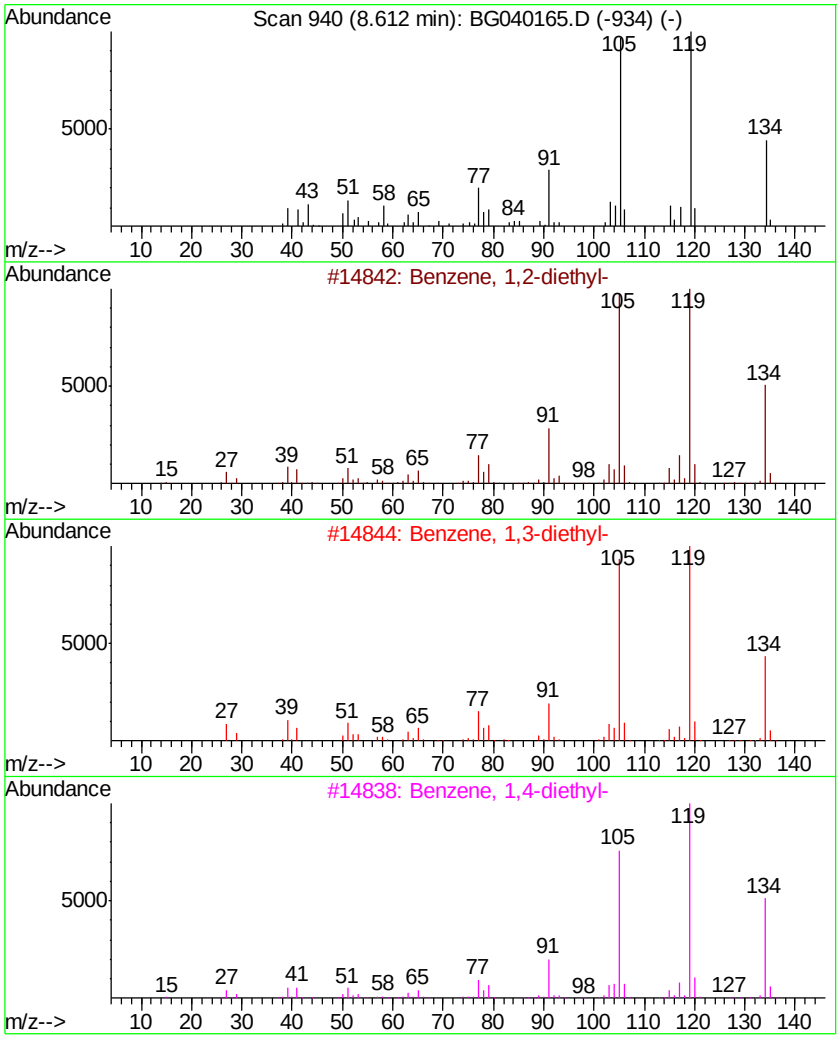
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

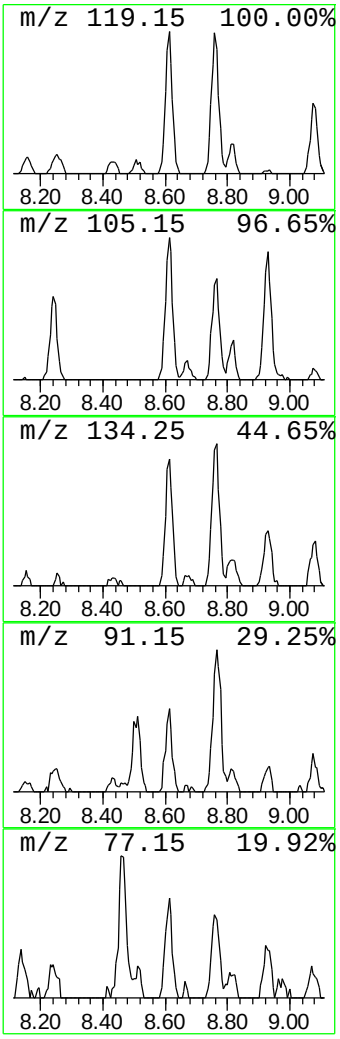
****

Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	7.09 ng	85920	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, 1,3-diethyl-	134	C10H14	000141-93-5	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	74





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Sample : K2103-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-CLVRT-STLD-3H-B

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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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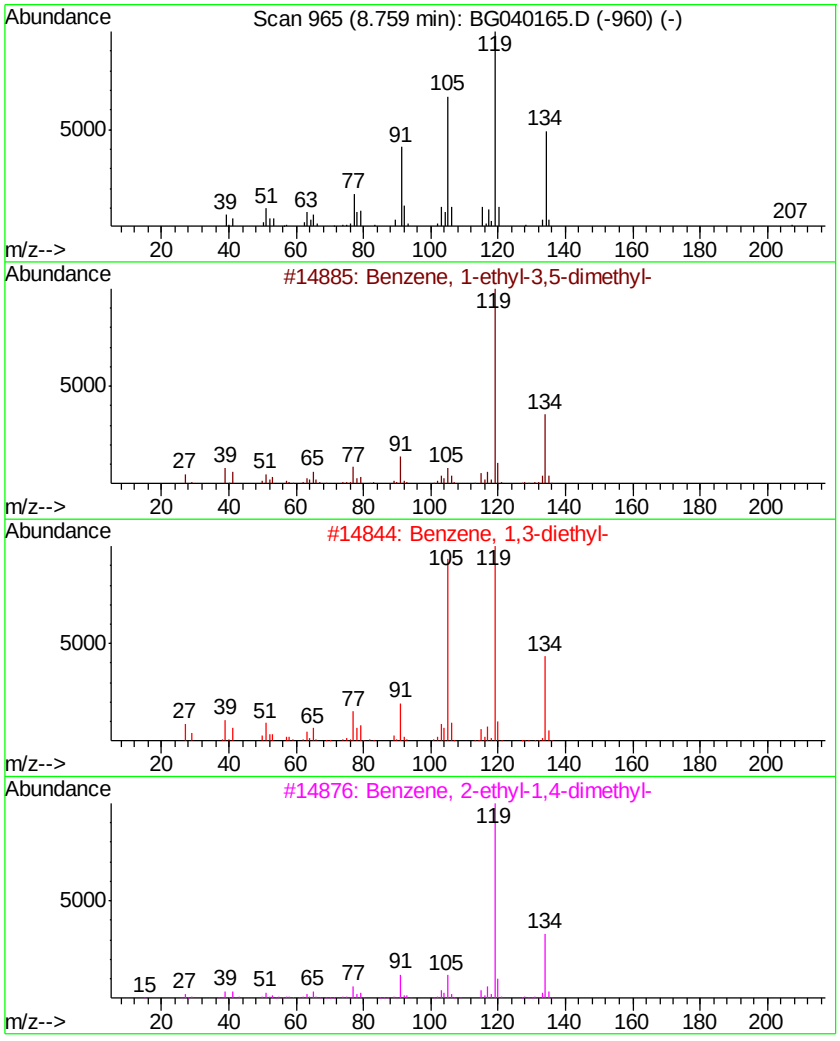
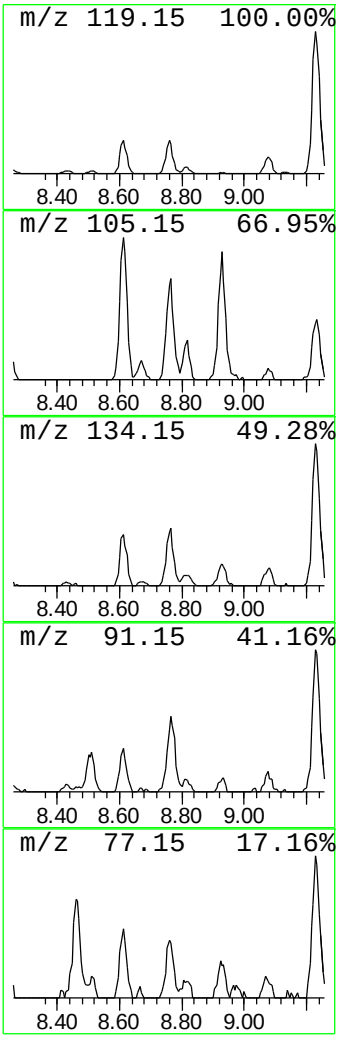
Peak Number 10 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	6.52 ng	78995	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90





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Sample : K2103-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-CLVRT-STLD-3H-B

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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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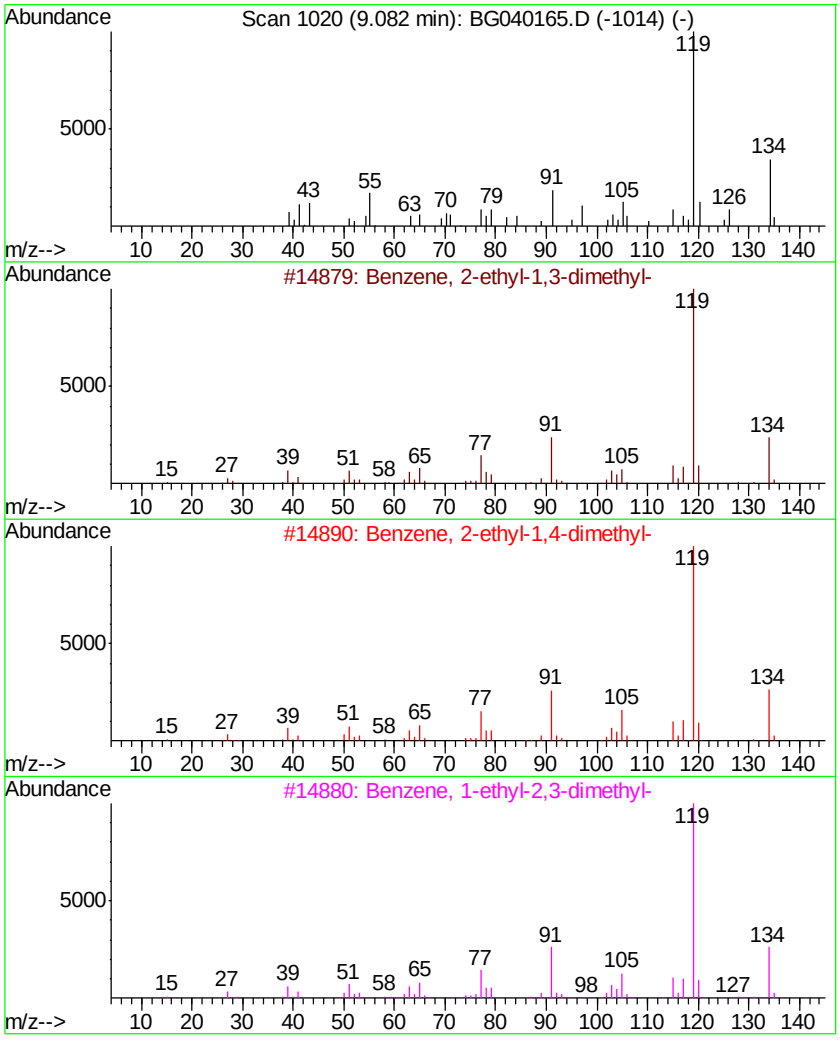
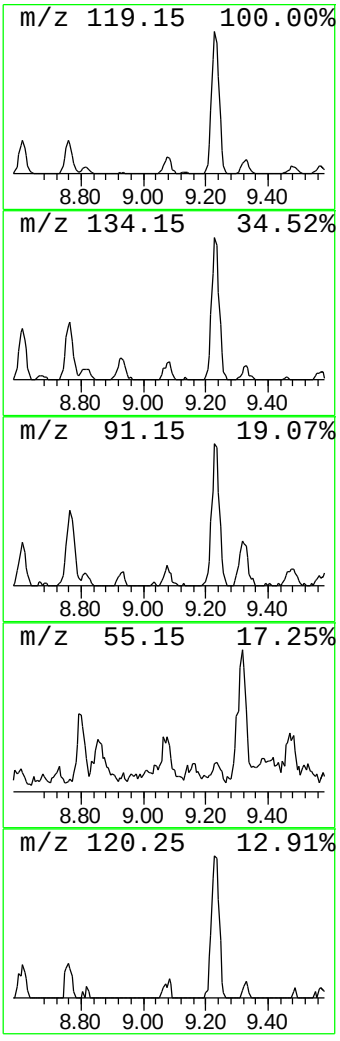
Peak Number 11 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	3.96 ng	48027	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	83
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83





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Acq On : 27 Mar 2019 3:00
Operator : JU/SJ
Sample : K2103-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

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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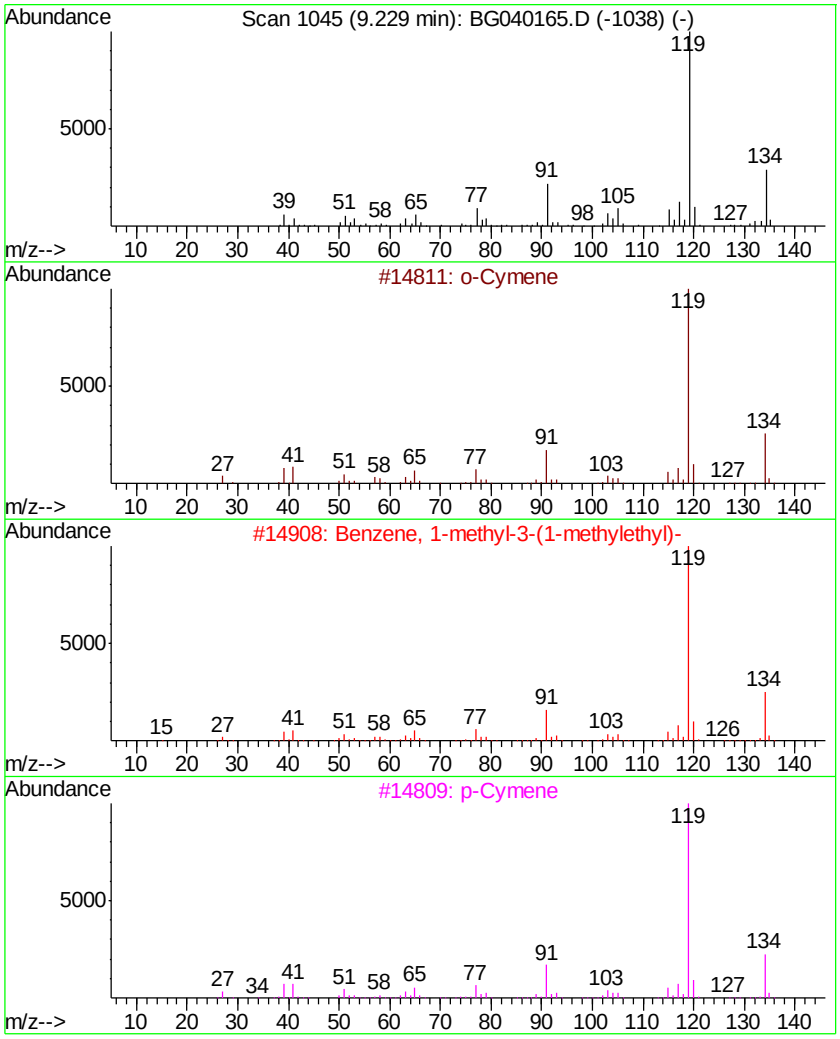
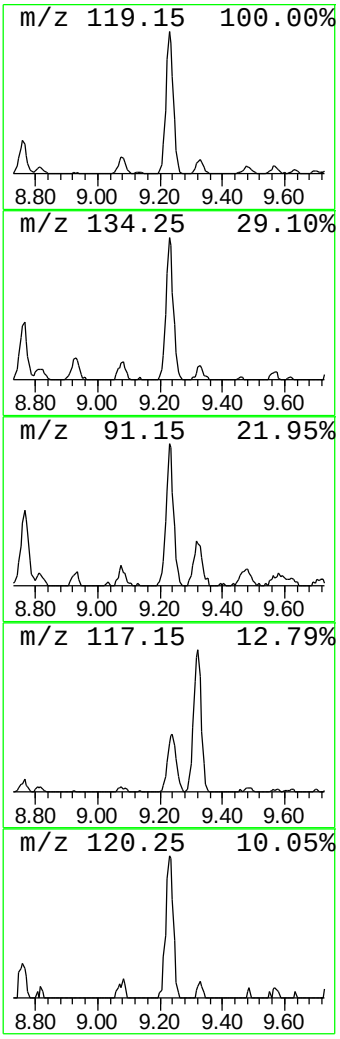
Peak Number 12 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	20.58 ng	249304	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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Acq On : 27 Mar 2019 3:00
Operator : JU/SJ
Sample : K2103-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

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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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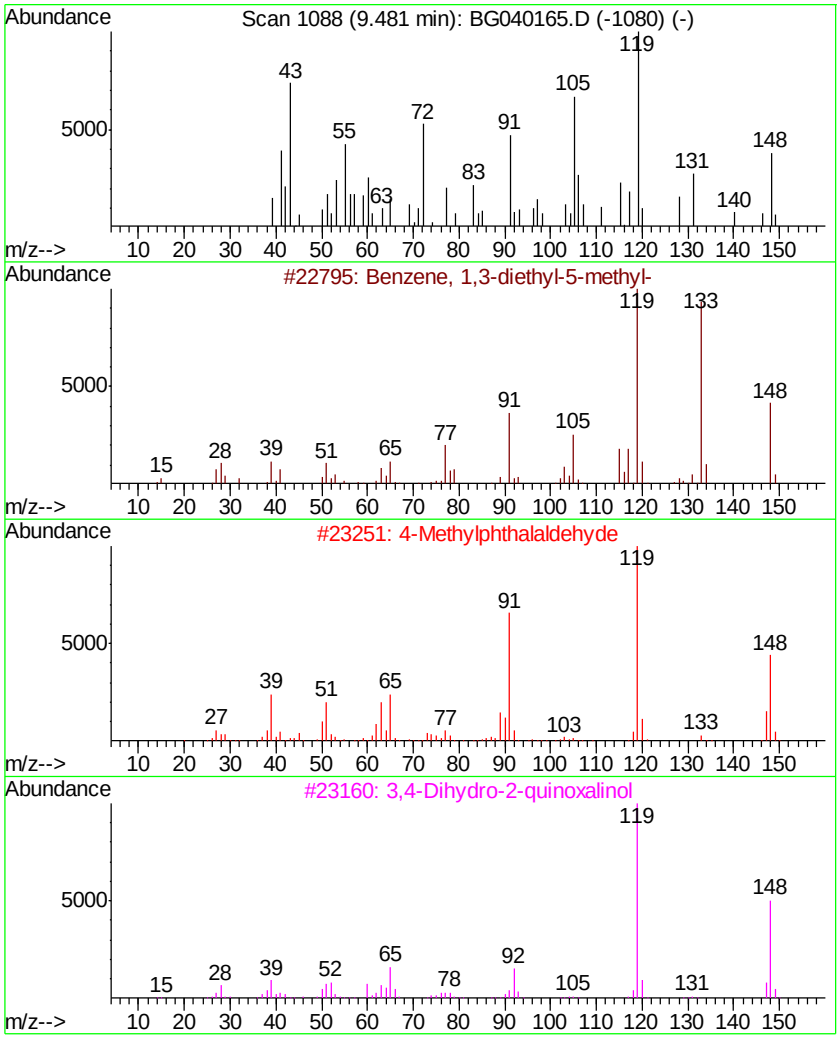
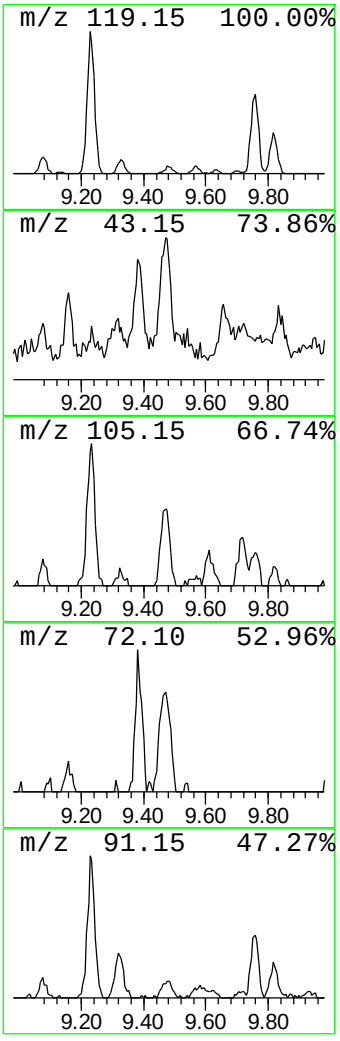
Peak Number 13 unknown9.48 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	4.42 ng	53540	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	38
2	4-Methylphthalaldehyde	148	C9H8O2	015158-36-8	27
3	3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	27
4	Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	18
5	Benzonitrile, 2-hydroxy-	119	C7H5NO	000611-20-1	14





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Sample : K2103-04
Misc :
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Instrument : BNA_G
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

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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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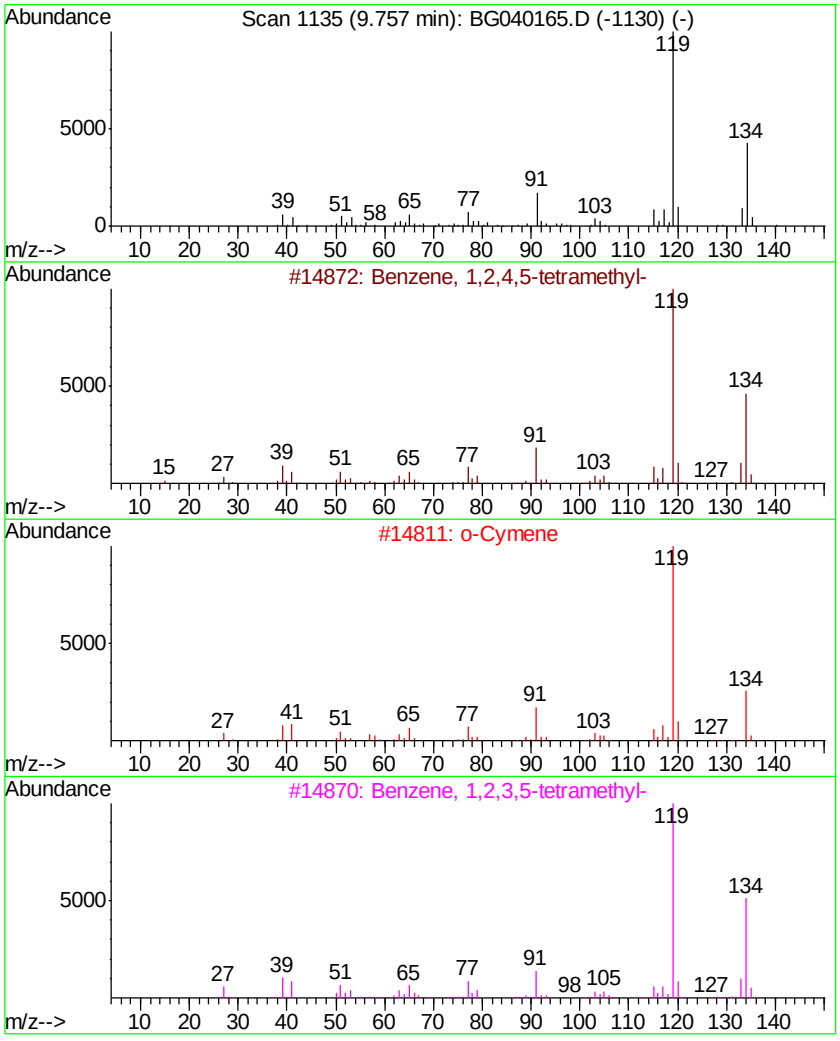
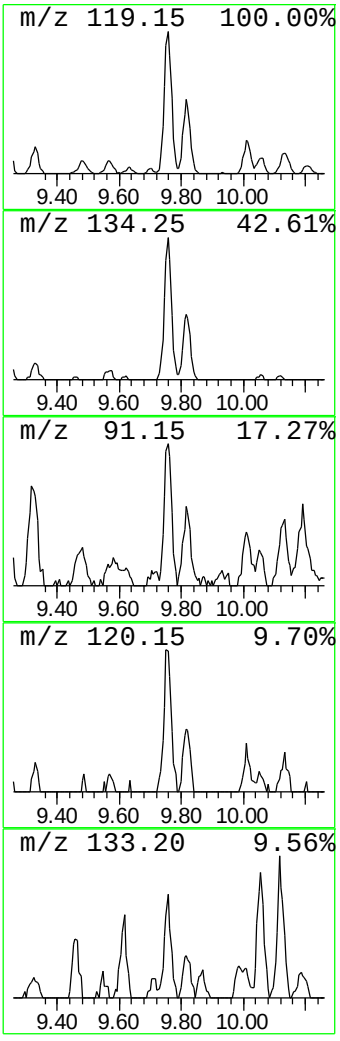
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	8.84 ng	121283	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	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





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Sample : K2103-04
Misc :
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Instrument :
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ClientSampleId :
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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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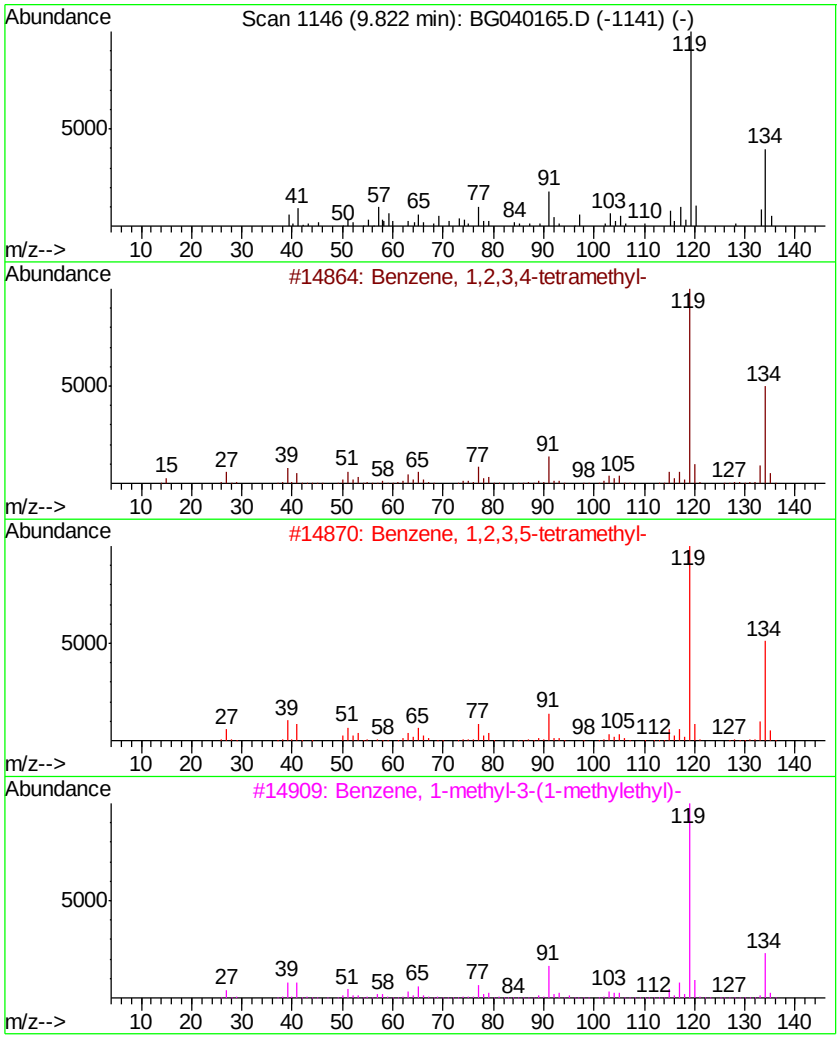
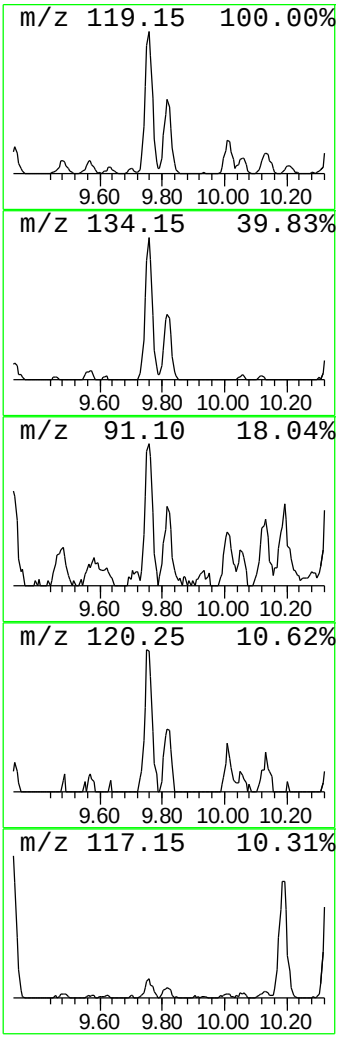
Peak Number 15 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	4.84 ng	66375	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





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Sample : K2103-04
Misc :
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Instrument :
BNA_G
ClientSampleId :
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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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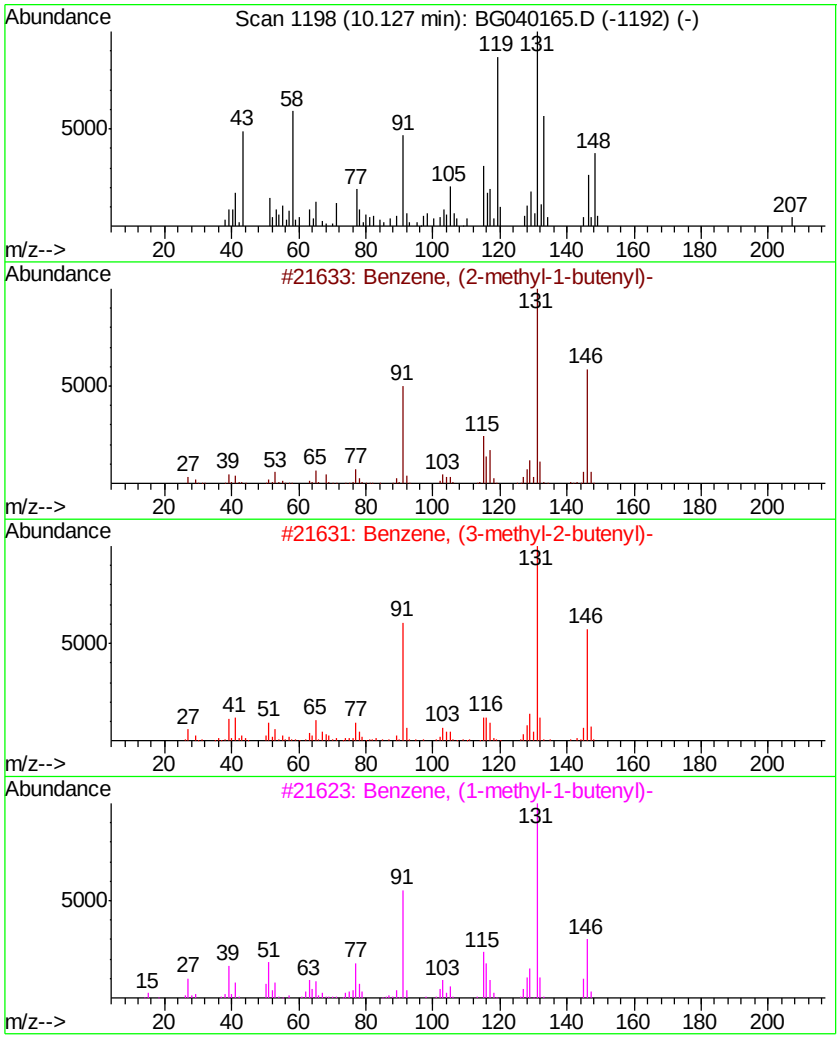
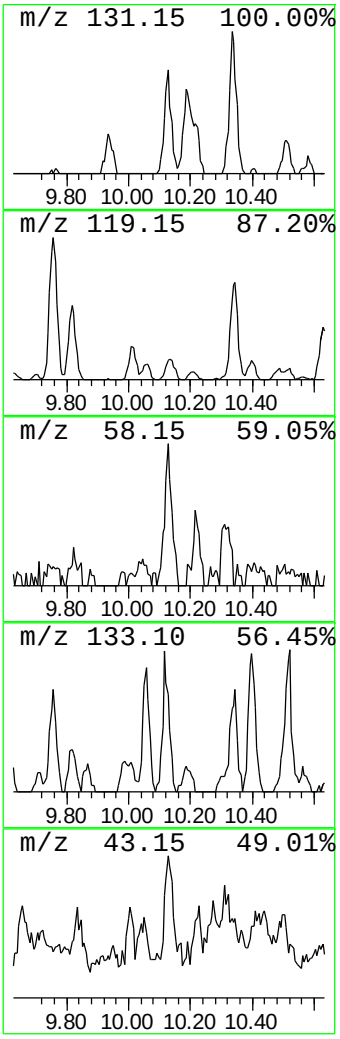
Peak Number 16 Benzene, (2-methyl-1-butenyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	5.03 ng	68991	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	83
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	66
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	42
5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	42





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Sample : K2103-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

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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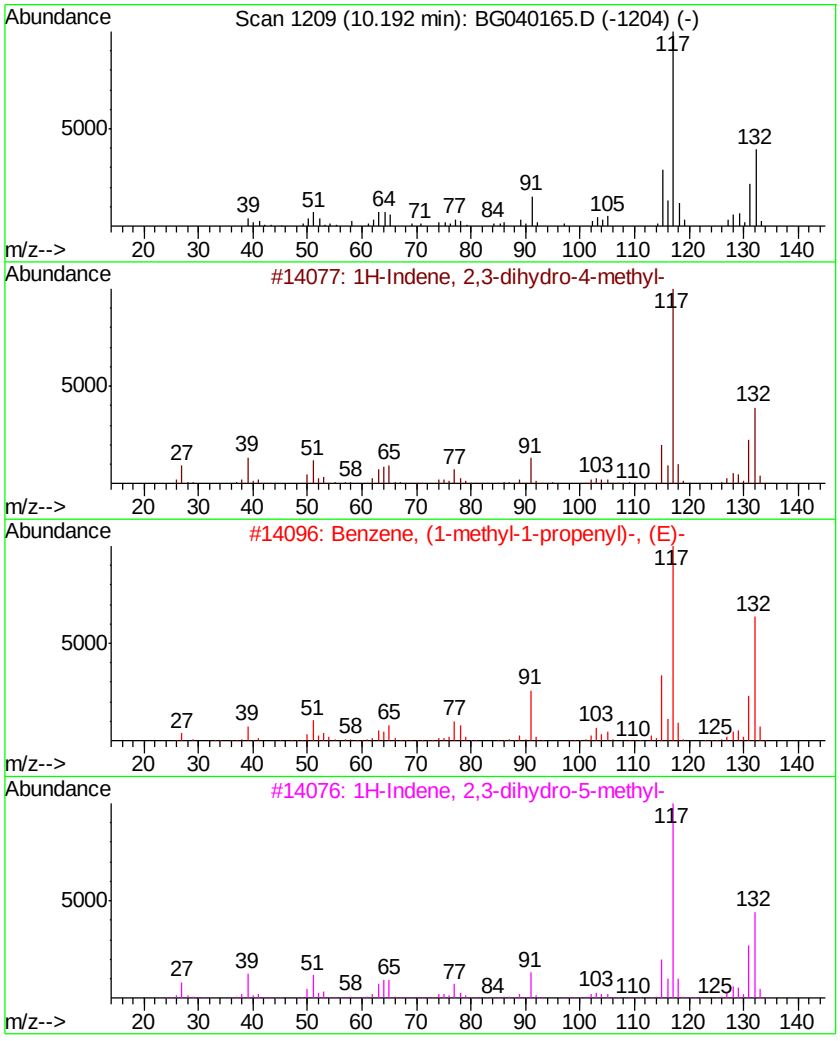
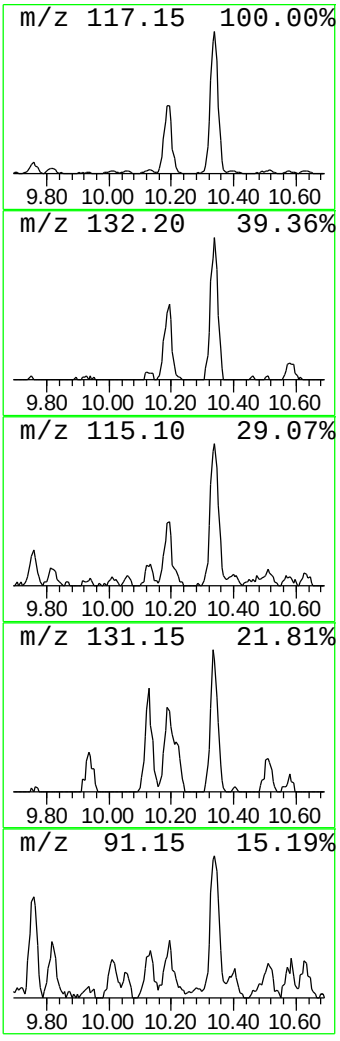
Peak Number 17 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	7.24 ng	99361	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83





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Instrument : BNA_G
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

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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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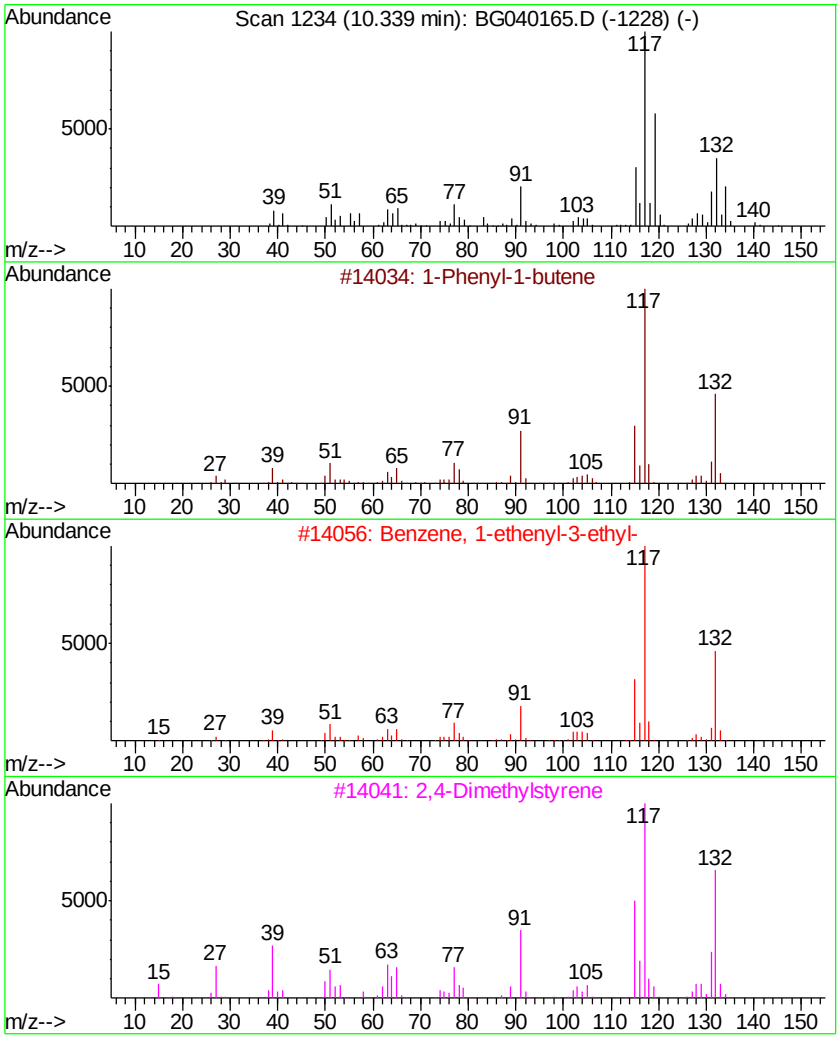
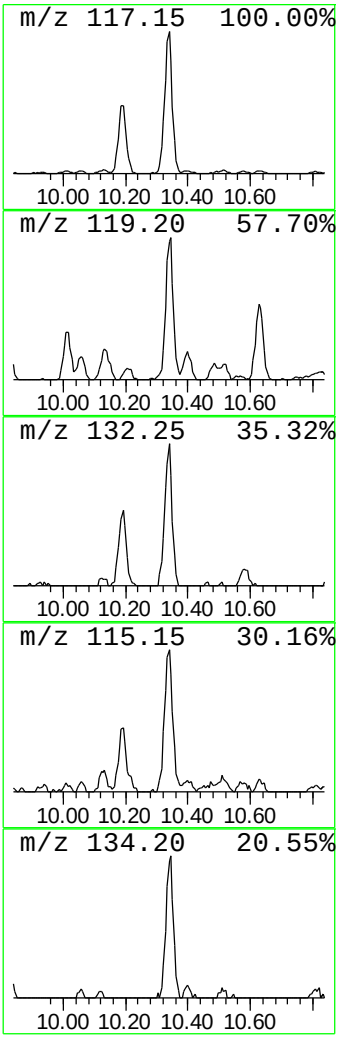
Peak Number 18 1-Phenyl-1-butene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	18.21 ng	249842	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	96
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	92
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70





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Sample : K2103-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

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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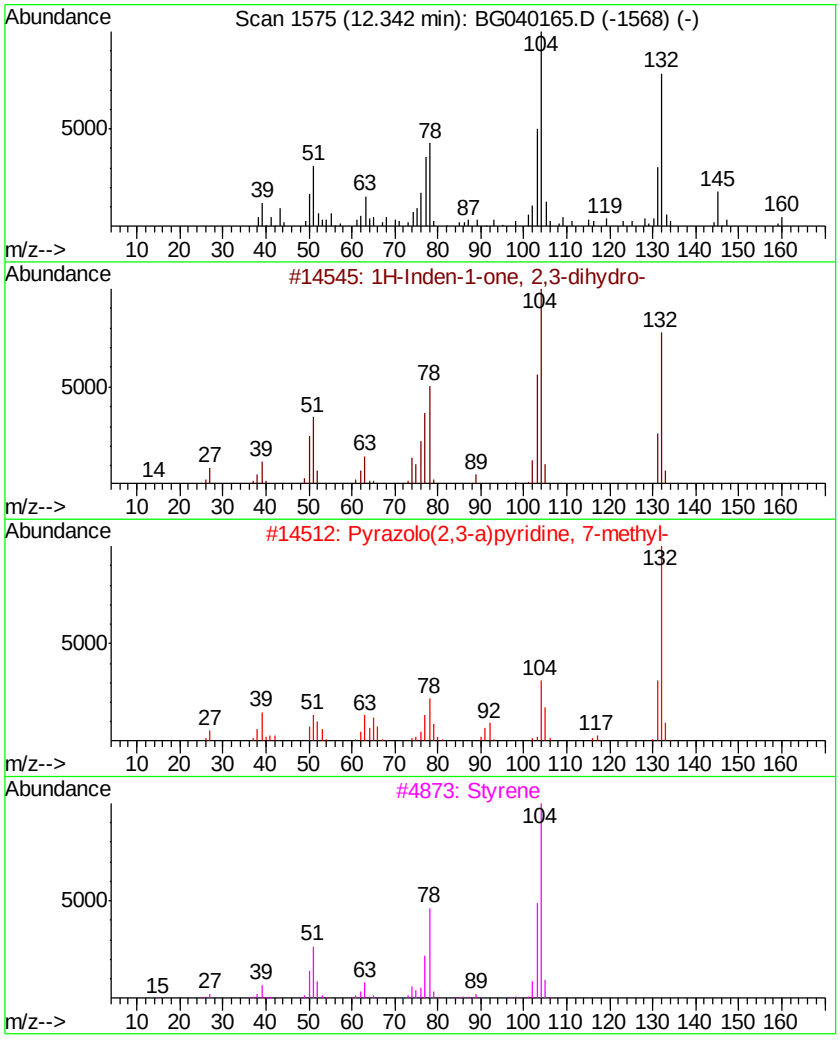
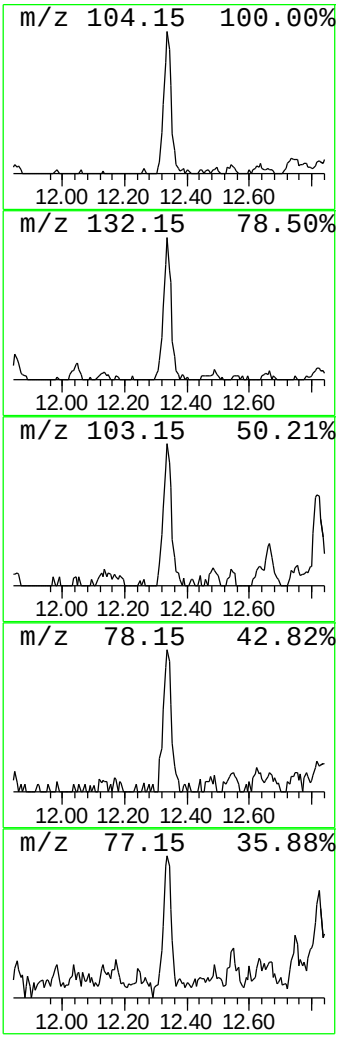
Peak Number 19 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	7.20 ng	98841	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	95
2	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	64
3	Styrene	104	C8H8	000100-42-5	60
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	60
5	5-Aminoindole	132	C8H8N2	005192-03-0	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
Data File : BG040165.D
Acq On : 27 Mar 2019 3:00
Operator : JU/SJ
Sample : K2103-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

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

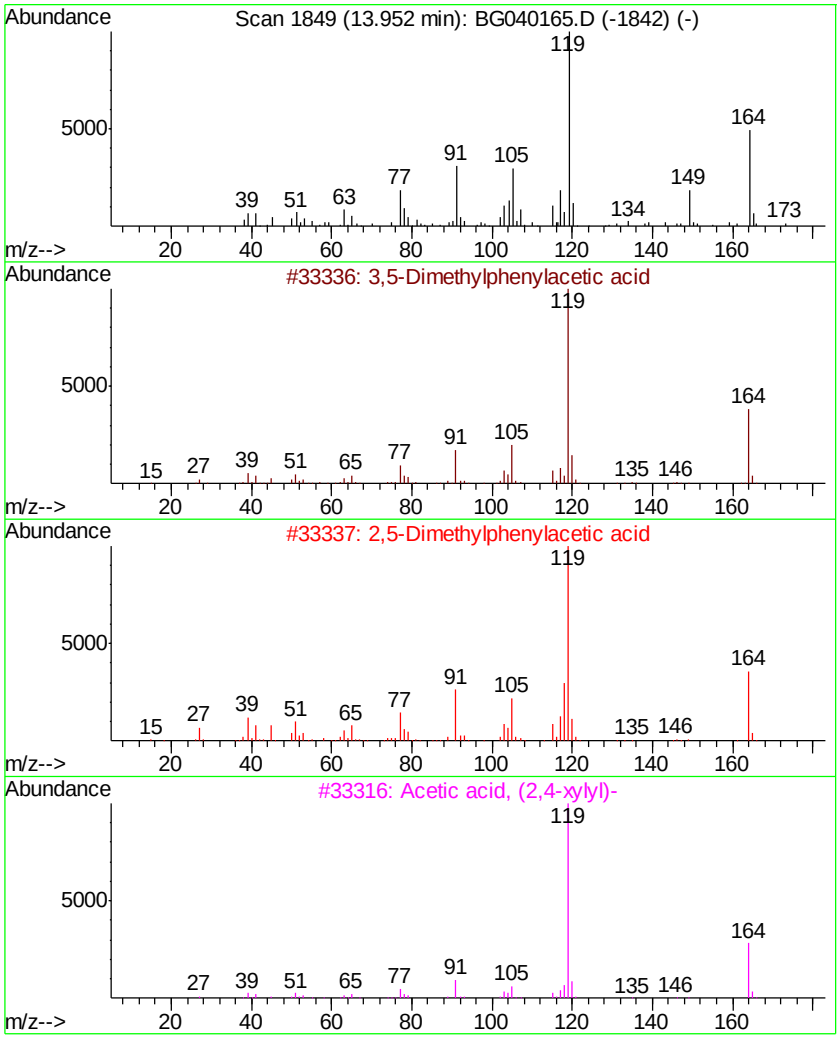
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

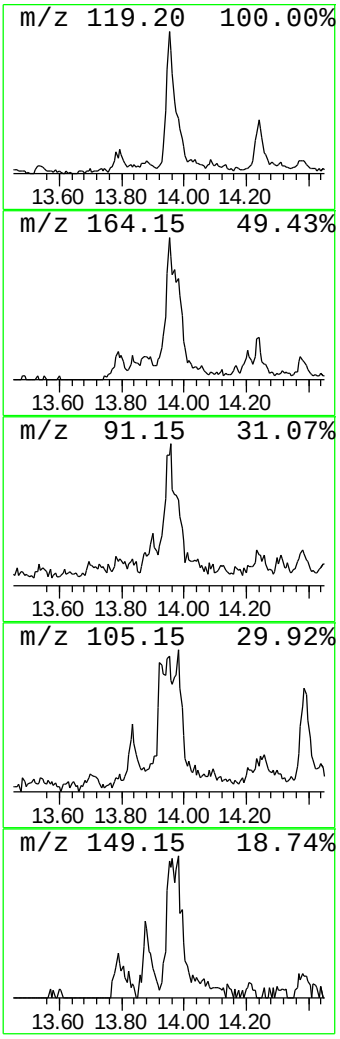
****

Peak Number 20 3,5-Dimethylphenylacetic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	5.20 ng	124484	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethylphenylacetic acid	164	C10H12O2	042288-46-0	90
2	2,5-Dimethylphenylacetic acid	164	C10H12O2	1000342-65-5	90
3	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	72
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	62
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032619\
Data File : BG040165.D
Acq On : 27 Mar 2019 3:00
Operator : JU/SJ
Sample : K2103-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

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	69.3	ng	840009	1	8.14	242329	20.0
unknown5.22	5.22	4.3	ng	52228	1	8.14	242329	20.0
Ethanol, 2-butoxy-	6.19	6.2	ng	74675	1	8.14	242329	20.0
Benzene, 1-ethyl-...	7.51	7.4	ng	90111	1	8.14	242329	20.0
unknown7.67	7.67	64.6	ng	782398	1	8.14	242329	20.0
Indane	8.51	8.3	ng	101106	1	8.14	242329	20.0
Benzene, 1,2-diet...	8.61	7.1	ng	85920	1	8.14	242329	20.0
Benzene, 1-ethyl-...	8.76	6.5	ng	78995	1	8.14	242329	20.0
Benzene, 2-ethyl-...	9.08	4.0	ng	48027	1	8.14	242329	20.0
o-Cymene	9.23	20.6	ng	249304	1	8.14	242329	20.0
unknown9.48	9.48	4.4	ng	53540	1	8.14	242329	20.0
Benzene, 1,2,4,5-...	9.76	8.8	ng	121283	2	10.96	274457	20.0
Benzene, 1,2,3,4-...	9.82	4.8	ng	66375	2	10.96	274457	20.0
Benzene, (2-methy...	10.13	5.0	ng	68991	2	10.96	274457	20.0
1H-Indene, 2,3-di...	10.19	7.2	ng	99361	2	10.96	274457	20.0
1-Phenyl-1-butene	10.34	18.2	ng	249842	2	10.96	274457	20.0
1H-Inden-1-one, 2...	12.34	7.2	ng	98841	2	10.96	274457	20.0
3,5-Dimethylpheny...	13.95	5.2	ng	124484	3	14.76	478731	20.0