LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044277.D
Acq On : 3 Feb 2020 18:02
Operator : CG/JU
Sample : L1346-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-2-(28-29)

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-BG013020.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	4.011	152	157	166	rVB2	516565	1141249	10.50%	0.476%
2	4.105	166	173	184	rVB	606283	1186351	10.91%	0.495%
3	4.281	196	203	207	rBV2	258888	500980	4.61%	0.209%
4	4.457	229	233	243	rVB2	416627	794605	7.31%	0.332%
5	4.757	274	284	293	rVB	197295	497795	4.58%	0.208%
6	4.863	293	302	308	rBV2	507336	978026	9.00%	0.408%
7	4.957	313	318	323	rBV	481503	825749	7.60%	0.345%
8	5.121	341	346	351	rVV2	305539	516141	4.75%	0.215%
9	5.374	383	389	391	rVV2	777826	1293021	11.89%	0.540%
10	5.403	391	394	399	rVB	715918	1008420	9.28%	0.421%
11	5.497	404	410	420	rVB2	2004198	4161848	38.28%	1.737%
12	5.609	420	429	439	rVB8	222967	728152	6.70%	0.304%
13	5.726	439	449	455	rBV5	291199	787990	7.25%	0.329%
14	5.879	470	475	479	rVV2	355313	744648	6.85%	0.311%
15	5.944	479	486	493	rVV2	569468	1308879	12.04%	0.546%
16	6.202	522	530	542	rVB4	593464	1447201	13.31%	0.604%
17	6.320	542	550	560	rBV2	431889	1204845	11.08%	0.503%
18	6.414	560	566	574	rBV3	753597	1627905	14.97%	0.679%
19	6.490	574	579	584	rBV	878096	1369516	12.60%	0.572%
20	6.566	584	592	603	rVB6	658153	1728751	15.90%	0.722%
21	6.743	615	622	628	rVB6	181059	542425	4.99%	0.226%
22	6.819	628	635	642	rBV4	521537	1342473	12.35%	0.560%
23	6.901	642	649	651	rBV2	1534561	2809364	25.84%	1.173%
24	6.978	658	662	667	rVB	1035927	1573782	14.48%	0.657%
25	7.089	673	681	688	rVB2	2555553	5888805	54.17%	2.458%
26	7.260	704	710	714	rBV4	253398	650166	5.98%	0.271%
27	7.313	715	719	723	rVB3	341313	592299	5.45%	0.247%
28	7.418	728	737	746	rBV6	373746	1244608	11.45%	0.519%
29	7.571	756	763	769	rBV	2511224	4555159	41.90%	1.901%
30	7.830	803	807	816	rVB3	461311	1156604	10.64%	0.483%
31	7.918	816	822	827	rVB	1230225	2017540	18.56%	0.842%
32	8.041	839	843	853	rVB2	1100165	2076209	19.10%	0.867%
33	8.123	853	857	861	rVB2	568902	792764	7.29%	0.331%
34	8.241	872	877	882	rVB2	1174116	2130047	19.59%	0.889%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044277.D
Acq On : 3 Feb 2020 18:02
Operator : CG/JU
Sample : L1346-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-2-(28-29)

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-BG013020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.294	882	886	892	rVB3	564303	1026612	9.44%	0.428%
36	8.423	902	908	912	rBV	1658620	2874154	26.44%	1.200%
37	8.470	912	916	922	rVV2	818518	1617449	14.88%	0.675%
38	8.529	922	926	928	rVV	668080	919498	8.46%	0.384%
39	8.570	928	933	947	rVB3	2824606	7785131	71.61%	3.249%
40	8.705	947	956	958	rBV2	1120442	2008081	18.47%	0.838%
41	8.735	958	961	968	rVB	1280237	2078080	19.12%	0.867%
42	8.817	968	975	979	rBV6	223859	553026	5.09%	0.231%
43	8.881	981	986	991	rVV	1522722	2446999	22.51%	1.021%
44	8.934	991	995	1002	rVB	1042384	1651654	15.19%	0.689%
45	9.040	1003	1013	1018	rBV	5509625	10871197	100.00%	4.537%
46	9.116	1022	1026	1032	rVV2	2360642	4522340	41.60%	1.887%
47	9.169	1032	1035	1039	rVB	448080	601913	5.54%	0.251%
48	9.287	1045	1055	1062	rBV5	940488	2683581	24.69%	1.120%
49	9.369	1062	1069	1073	rBV2	1279125	2654144	24.41%	1.108%
50	9.563	1097	1102	1107	rBV	2556550	4312655	39.67%	1.800%
51	9.622	1107	1112	1122	rVB	3615879	7011036	64.49%	2.926%
52	9.710	1123	1127	1130	rBV	378286	646409	5.95%	0.270%
53	9.821	1140	1146	1150	rBV2	1682529	2953867	27.17%	1.233%
54	9.868	1150	1154	1158	rVB2	707925	995445	9.16%	0.415%
55	9.927	1158	1164	1168	rBV3	1183111	2409955	22.17%	1.006%
56	9.980	1168	1173	1177	rBV	2429313	4352502	40.04%	1.817%
57	10.092	1187	1192	1193	rBV	900744	1178704	10.84%	0.492%
58	10.133	1193	1199	1204	rVV3	4249618	9305329	85.60%	3.884%
59	10.203	1207	1211	1218	rVB2	2232104	4222990	38.85%	1.763%
60	10.280	1218	1224	1226	rBV	1212210	2103224	19.35%	0.878%
61	10.315	1227	1230	1235	rVB4	1361052	2296383	21.12%	0.958%
62	10.432	1244	1250	1256	rBV	1978239	3452112	31.75%	1.441%
63	10.650	1276	1287	1290	rVV3	1739826	4483909	41.25%	1.871%
64	10.715	1290	1298	1304	rVV2	4423782	10735398	98.75%	4.481%
65	10.779	1304	1309	1317	rVV4	3353104	8572396	78.85%	3.578%
66	10.850	1317	1321	1326	rVV	2715242	4757734	43.76%	1.986%
67	10.908	1326	1331	1334	rVV	1764584	2722055	25.04%	1.136%
68	10.950	1334	1338	1347	rVB2	1342936	2486778	22.87%	1.038%
69	11.032	1348	1352	1357	rVB6	577187	932969	8.58%	0.389%
70	11.108	1361	1365	1367	rBV2	346608	514628	4.73%	0.215%
71	11.149	1367	1372	1377	rVB3	750626	1341881	12.34%	0.560%

LSC Area Percent Report

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Data File : BG044277.D
Acq On : 3 Feb 2020 18:02
Operator : CG/JU
Sample : L1346-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-2-(28-29)

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-BG013020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.232	1382	1386	1394	rVB3	555824	929231	8.55%	0.388%
73	11.349	1402	1406	1409	rBV2	507230	811209	7.46%	0.339%
74	11.390	1409	1413	1418	rVV	1444256	2518838	23.17%	1.051%
75	11.443	1418	1422	1429	rVV4	1102879	2298509	21.14%	0.959%
76	11.508	1429	1433	1440	rVB2	1148064	2106661	19.38%	0.879%
77	11.578	1440	1445	1450	rVB4	748804	1283906	11.81%	0.536%
78	11.649	1450	1457	1464	rBV3	2739805	5789326	53.25%	2.416%
79	11.772	1472	1478	1485	rBV4	1544908	3541113	32.57%	1.478%
80	11.837	1485	1489	1496	rVB	1430962	2587482	23.80%	1.080%
81	11.925	1499	1504	1505	rBV	647648	895505	8.24%	0.374%
82	12.113	1531	1536	1540	rBV	933231	1752099	16.12%	0.731%
83	12.389	1574	1583	1590	rVB2	3469390	7463017	68.65%	3.115%
84	12.606	1612	1620	1630	rVV	2453167	5302404	48.77%	2.213%
85	12.689	1631	1634	1641	rVB2	500443	798645	7.35%	0.333%
86	12.906	1666	1671	1677	rVB5	243452	542144	4.99%	0.226%
87	12.971	1678	1682	1692	rVB8	255357	676842	6.23%	0.282%
88	13.053	1692	1696	1702	rBV4	193965	495456	4.56%	0.207%
89	13.112	1702	1706	1710	rVB2	402187	550254	5.06%	0.230%
90	13.182	1710	1718	1723	rBV	2355275	3879154	35.68%	1.619%
91	13.588	1783	1787	1797	rVB	291374	646816	5.95%	0.270%
92	13.723	1803	1810	1819	rBV4	459836	1248373	11.48%	0.521%
93	13.876	1830	1836	1841	rBV	621305	1142850	10.51%	0.477%
94	13.934	1841	1846	1853	rVB	354272	598868	5.51%	0.250%
95	14.557	1943	1952	1958	rBV	723001	1269501	11.68%	0.530%
96	16.044	2198	2205	2214	rBV	2079392	3251493	29.91%	1.357%
97	17.301	2412	2419	2424	rBV	847634	1343517	12.36%	0.561%
98	19.916	2858	2864	2876	rVB	4215582	5693062	52.37%	2.376%
99	21.543	3134	3141	3161	rVB2	812617	1534740	14.12%	0.641%
100	24.645	3659	3669	3676	rBV	447797	1341685	12.34%	0.560%

Sum of corrected areas: 239599235

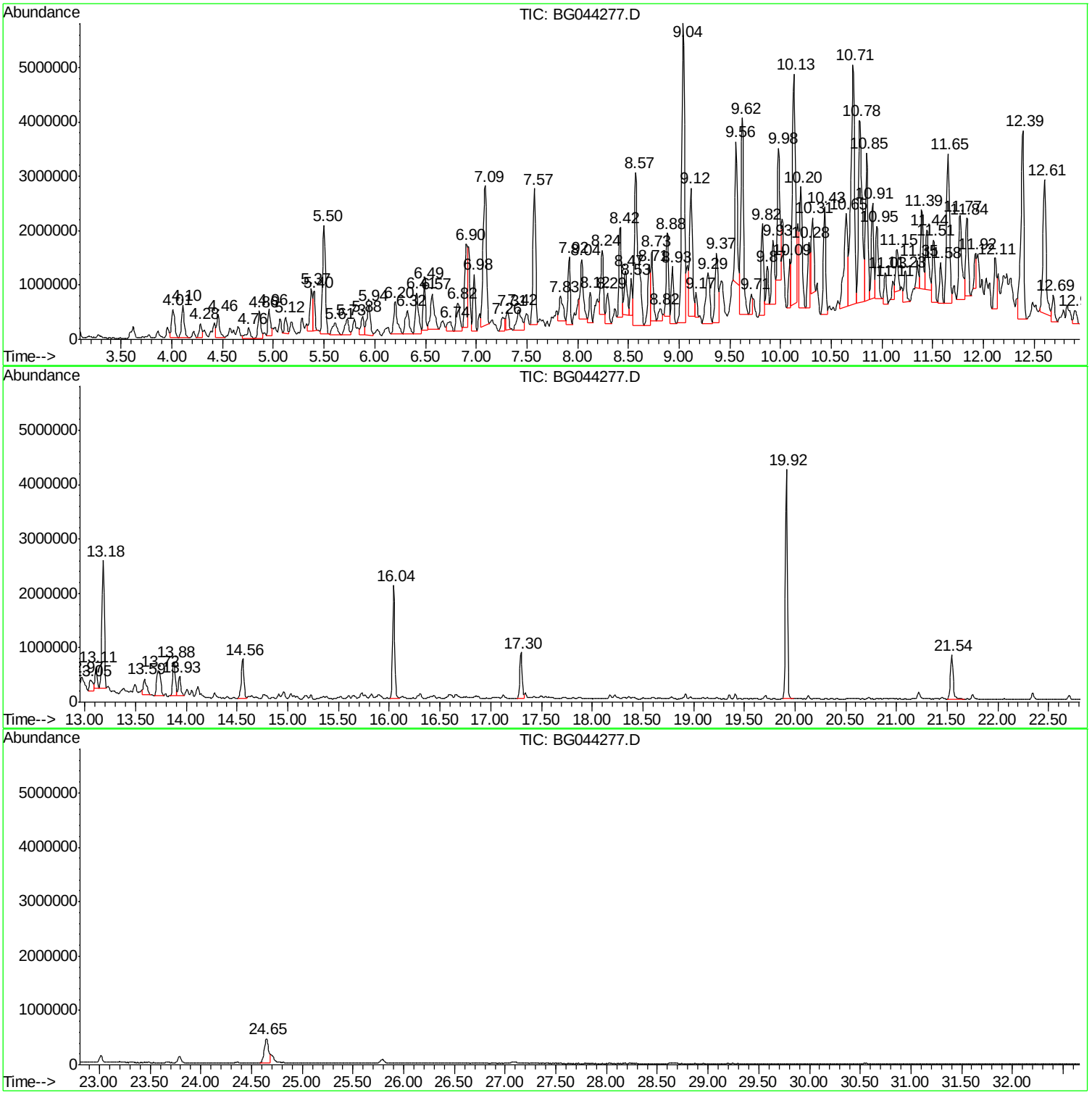
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044277.D
Acq On : 3 Feb 2020 18:02
Operator : CG/JU
Sample : L1346-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-2-(28-29)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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\BG020320\
Data File : BG044277.D
Acq On : 3 Feb 2020 18:02
Operator : CG/JU
Sample : L1346-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-2-(28-29)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

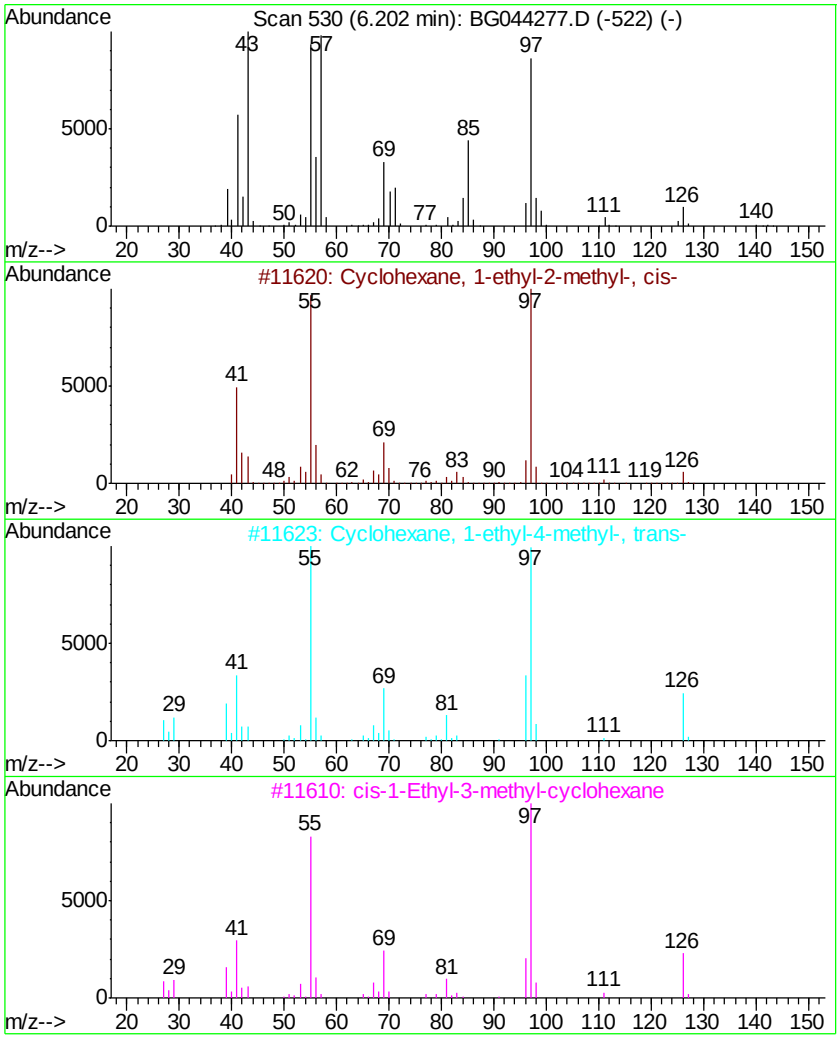
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

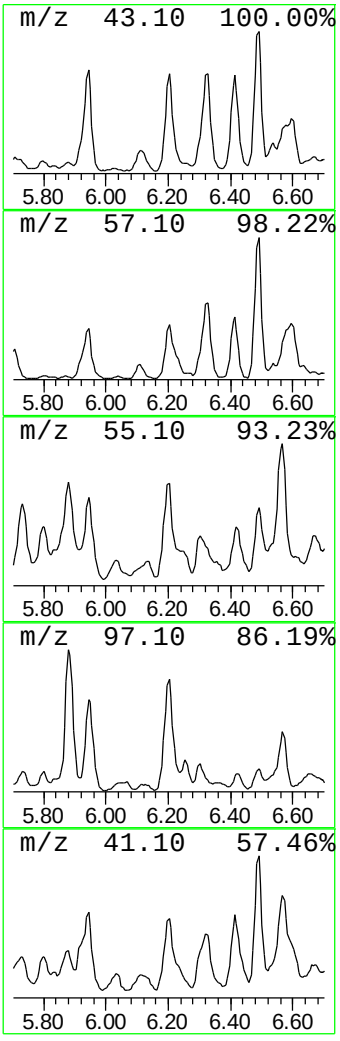
****

Peak Number 1 unknown6.20 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	14.35 ng	1447200	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	49
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	43
3	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	43
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	38
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044277.D
Acq On : 3 Feb 2020 18:02
Operator : CG/JU
Sample : L1346-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-2-(28-29)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

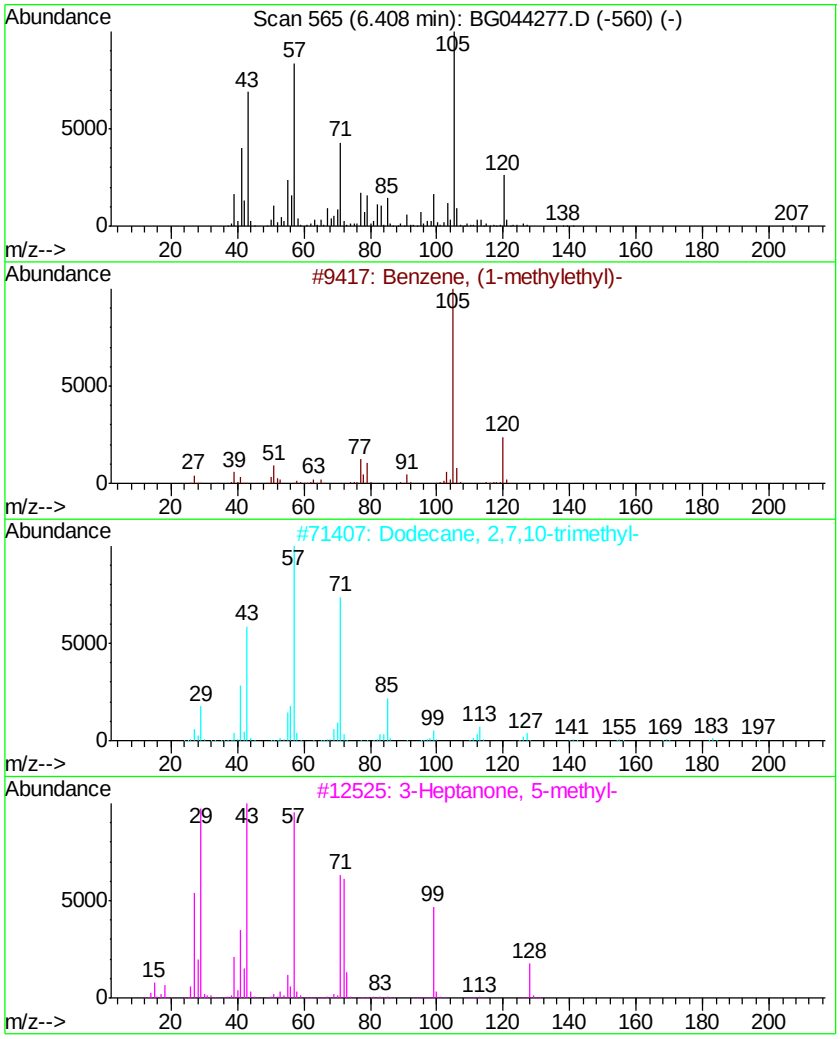
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

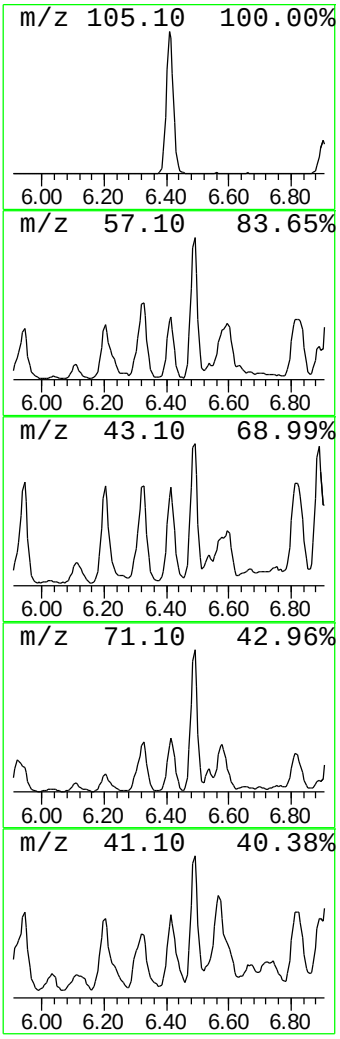
****

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	16.14 ng	1627910	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	60
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	43
3	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	35
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	35
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044277.D
Acq On : 3 Feb 2020 18:02
Operator : CG/JU
Sample : L1346-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-2-(28-29)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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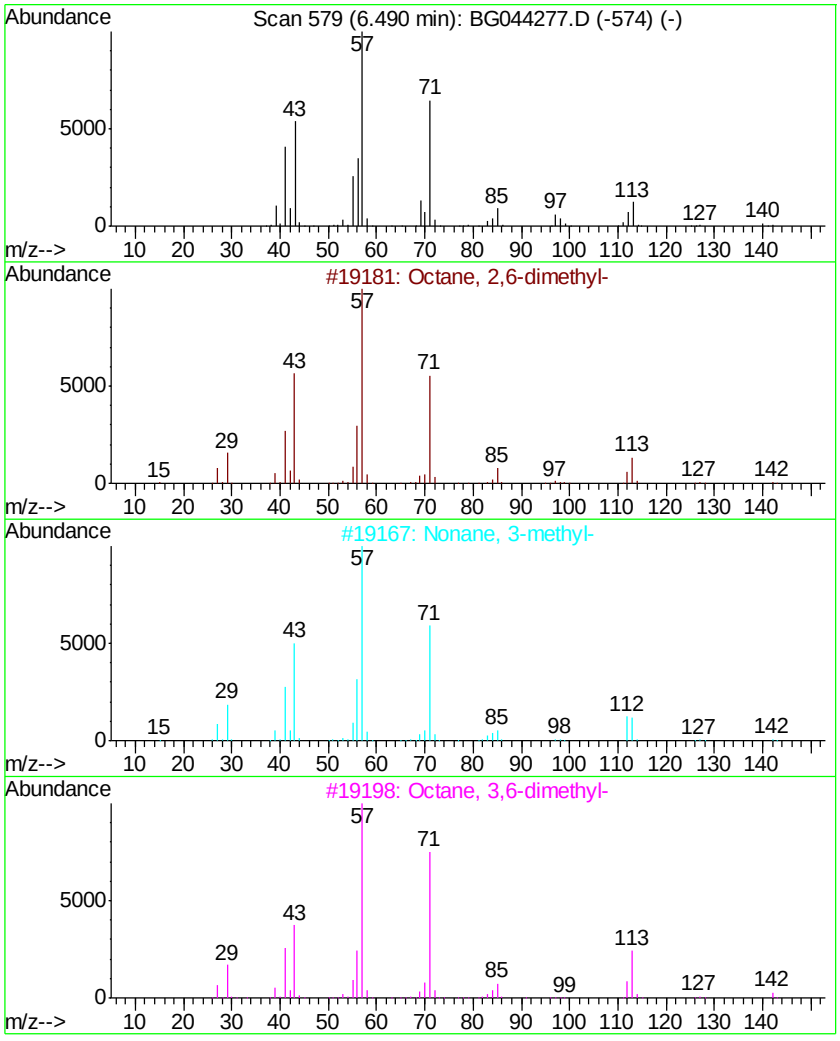
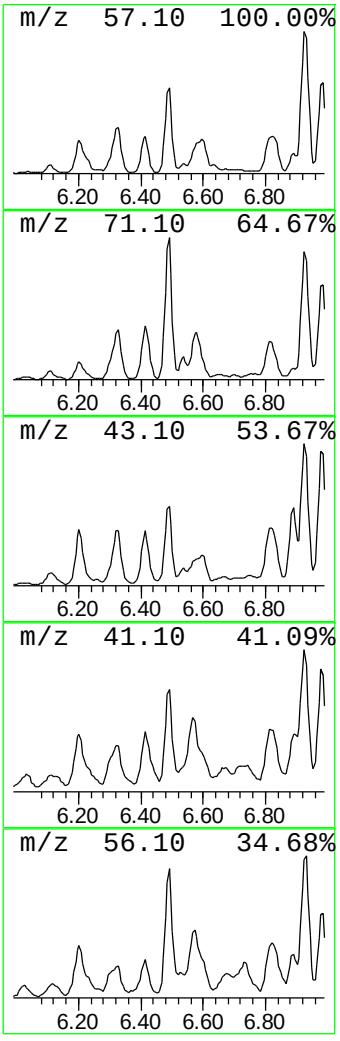
****

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	13.58 ng	1369520	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59





Library Search Compound Report

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Data File : BG044277.D
Acq On : 3 Feb 2020 18:02
Operator : CG/JU
Sample : L1346-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-2-(28-29)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

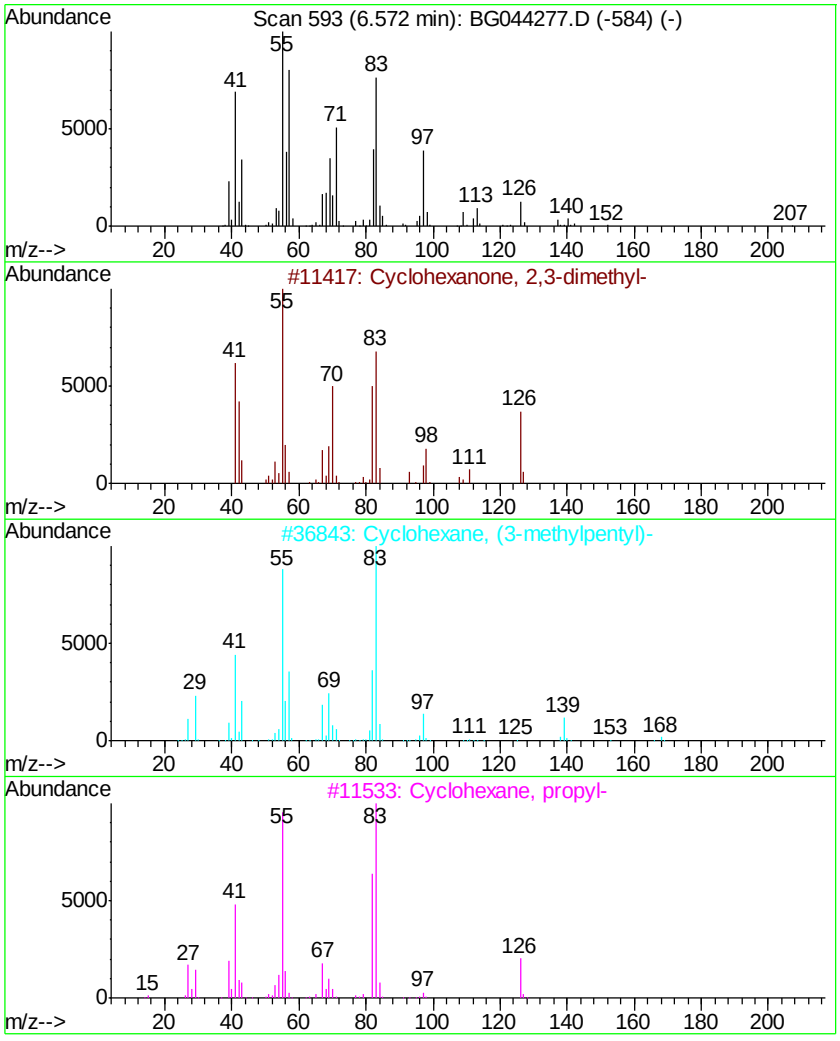
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

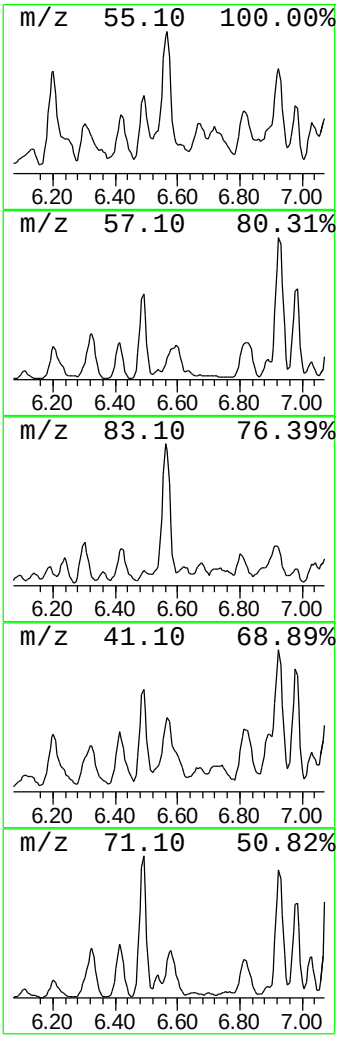
****

Peak Number 4 Cyclohexanone, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	17.14 ng	1728750	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	72
2	Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	59
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	52
4	Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	50
5	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	46





Library Search Compound Report

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Data File : BG044277.D
Acq On : 3 Feb 2020 18:02
Operator : CG/JU
Sample : L1346-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-2-(28-29)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

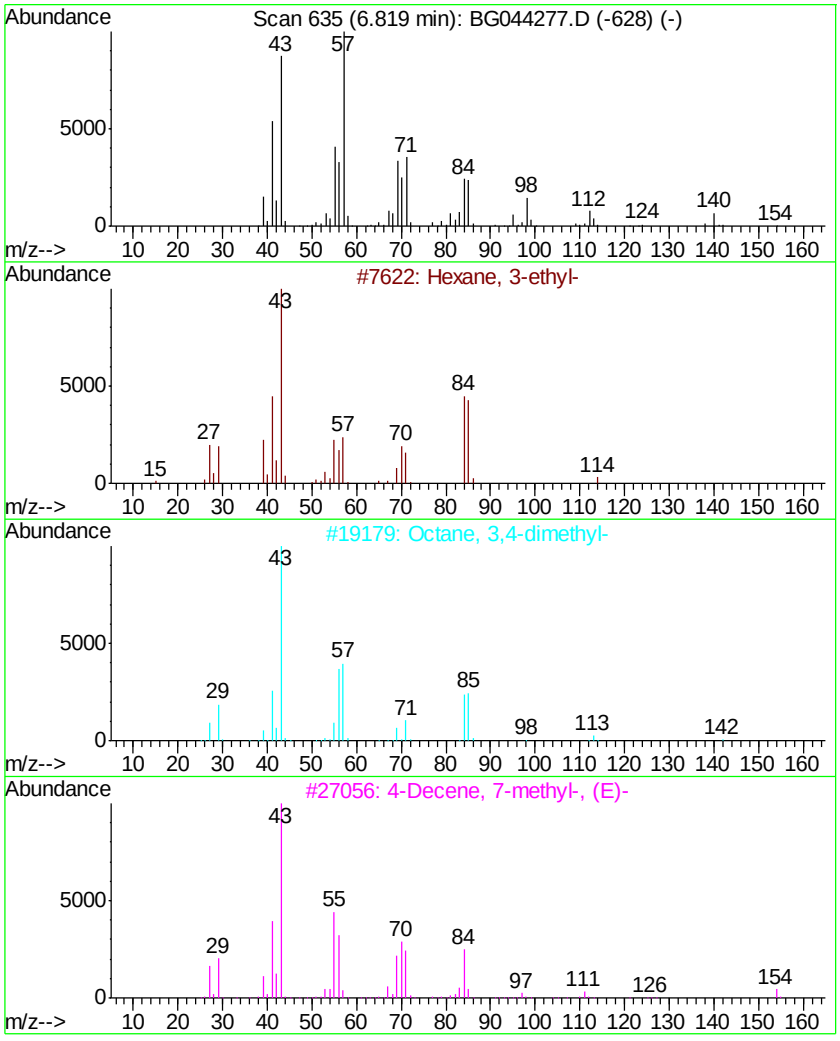
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

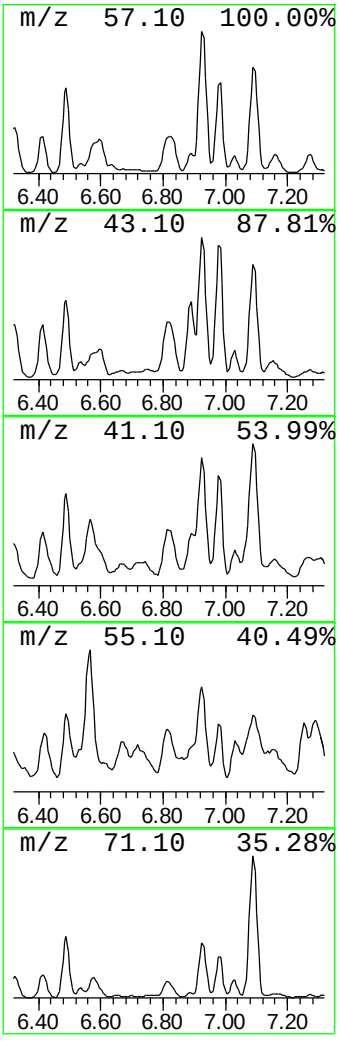
****

Peak Number 5 Hexane, 3-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	13.31 ng	1342470	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-	114	C8H18	000619-99-8	50
2	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	46
3	4-Decene, 7-methyl-, (E)-	154	C11H22	062338-48-1	43
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	43
5	Octane, 4-methyl-	128	C9H20	002216-34-4	43





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Acq On : 3 Feb 2020 18:02
Operator : CG/JU
Sample : L1346-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-2-(28-29)

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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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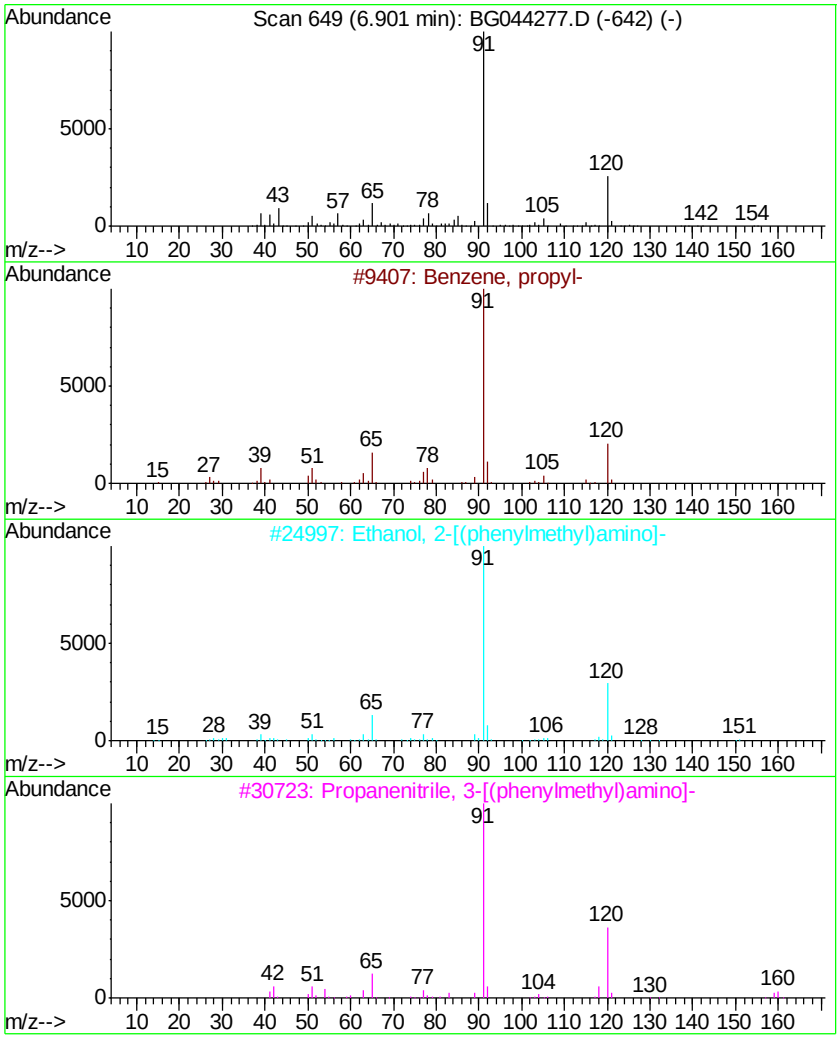
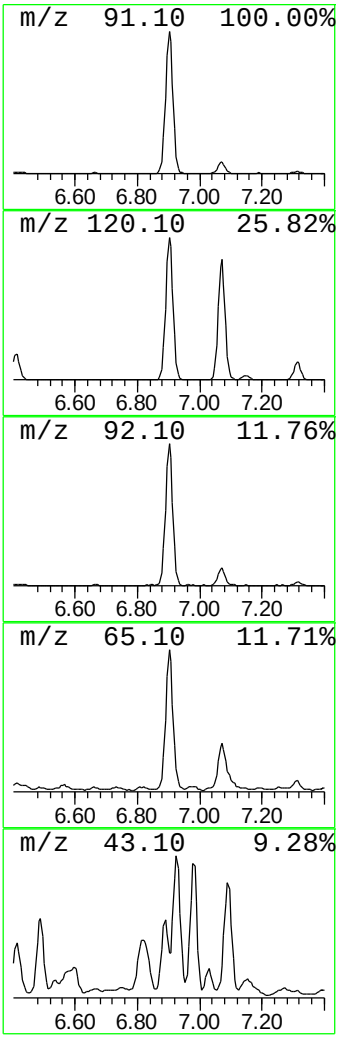
Peak Number 6 Benzene, propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	27.85 ng	2809360	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64
3	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	59
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	50
5	Hydroxylamine, O-(phenylmethyl)-	123	C7H9NO	000622-33-3	47





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Instrument : BNA_G
ClientSampleId : PD-2-(28-29)

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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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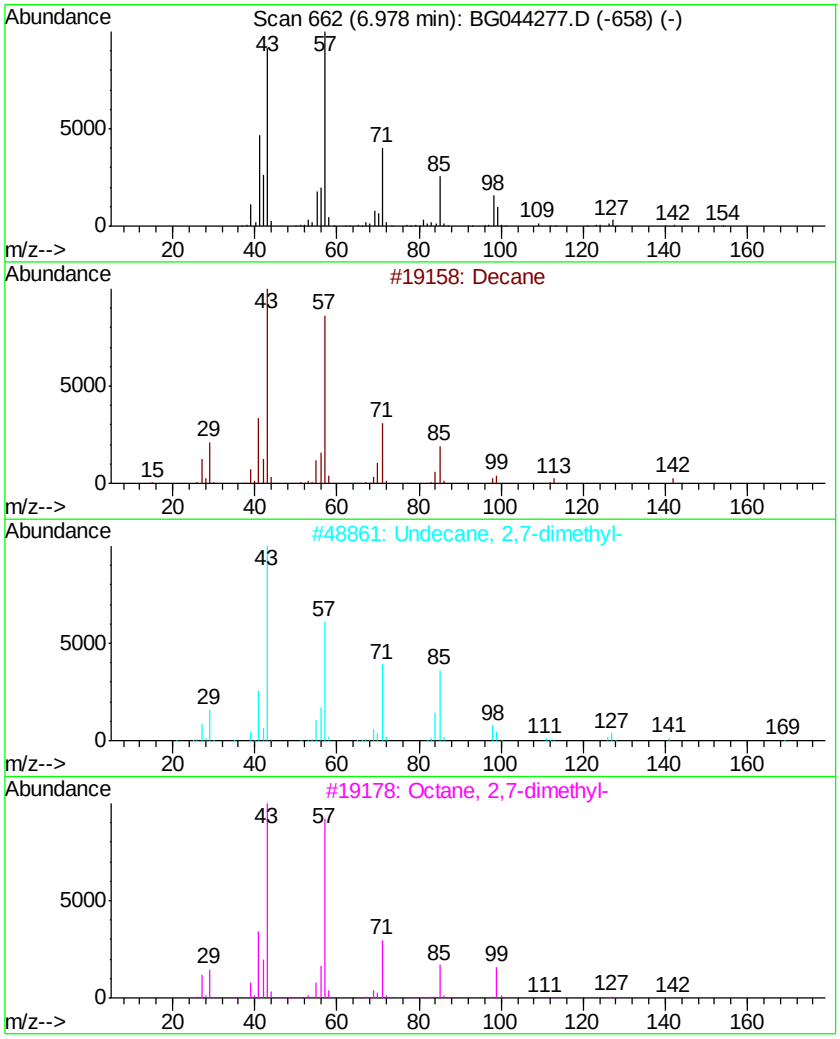
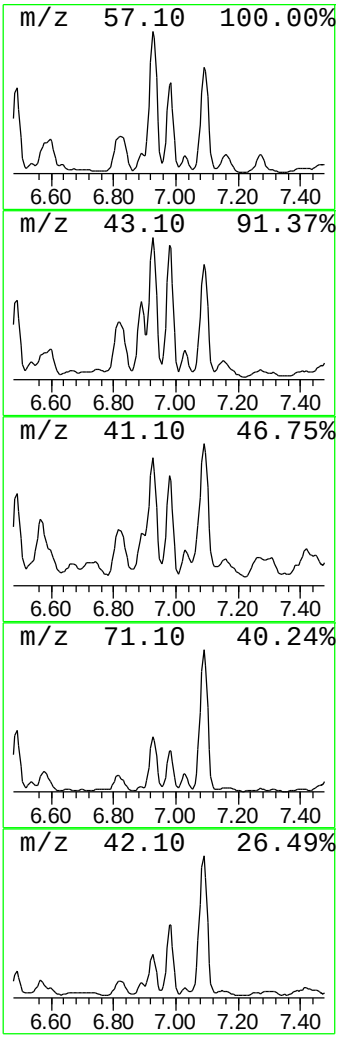
Peak Number 7 Decane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	15.60 ng	1573780	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	72
2	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	50
3	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	50
4	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	47
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47





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ClientSampleId : PD-2-(28-29)

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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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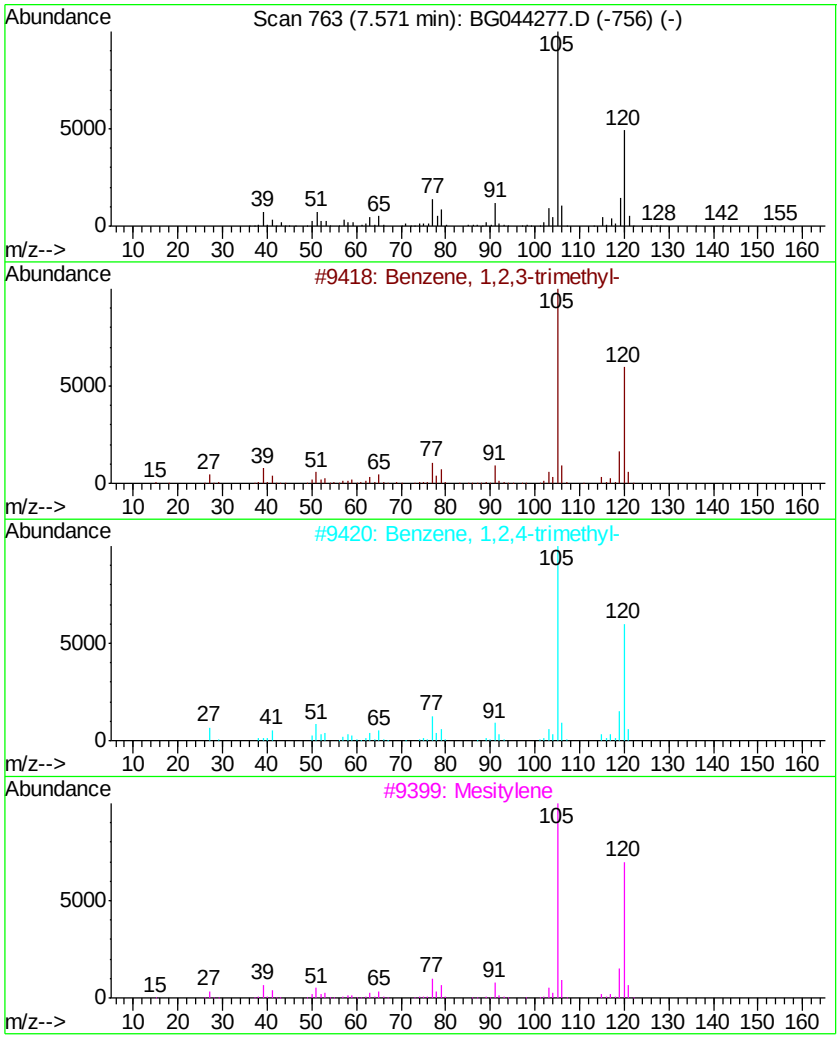
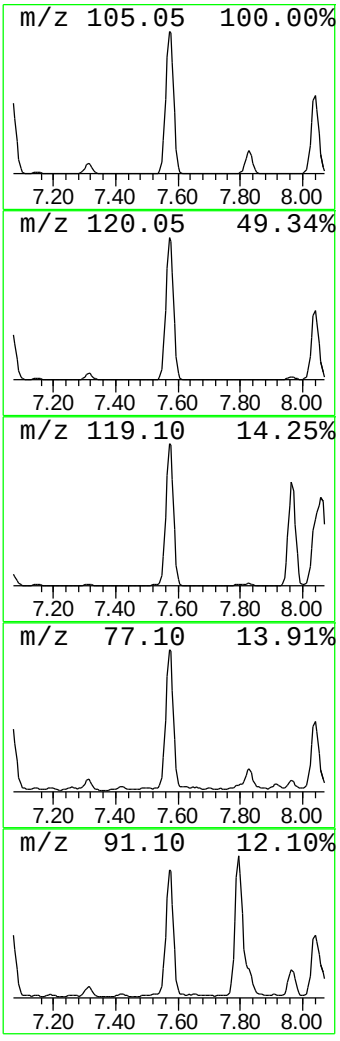
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	45.16 ng	4555160	1,4-Dichlorobenzene-d4	7.92

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	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Operator : CG/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-2-(28-29)

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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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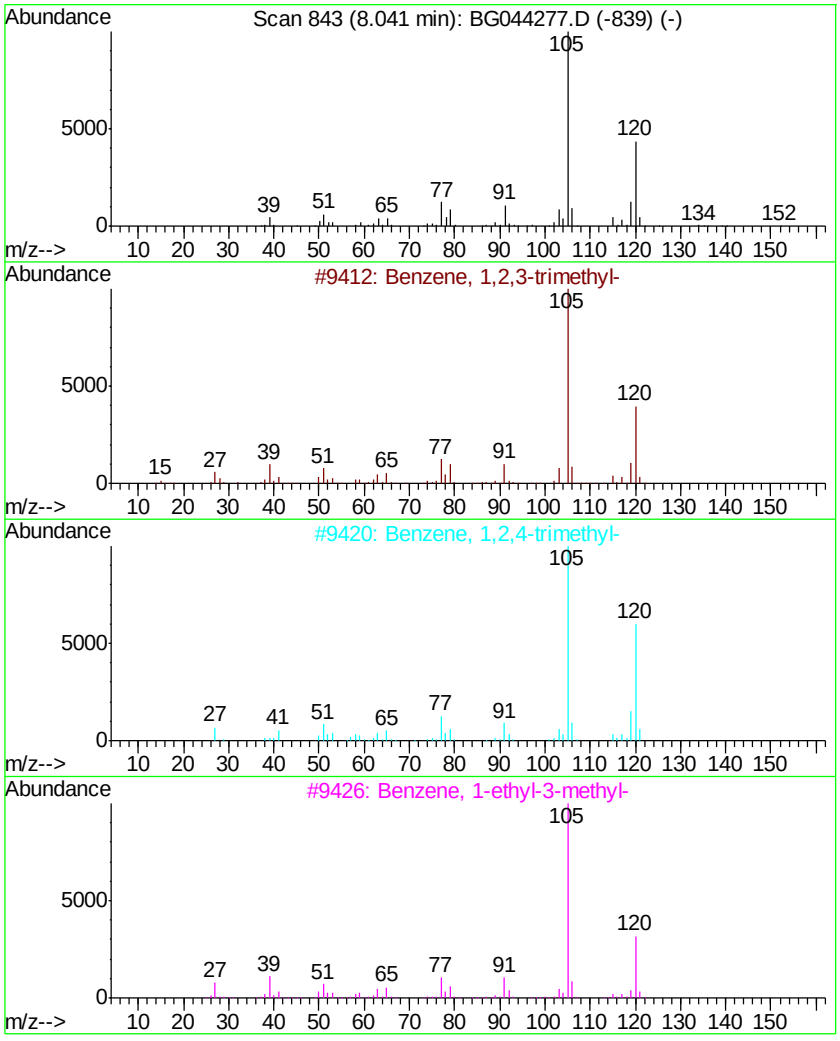
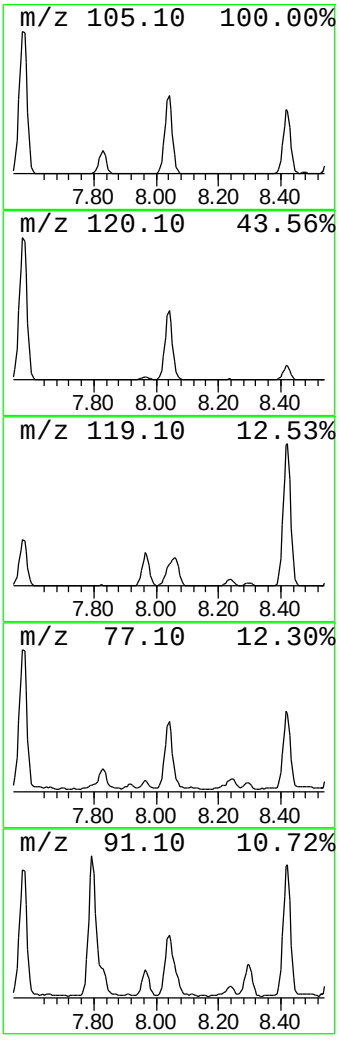
Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	20.58 ng	2076210	1,4-Dichlorobenzene-d4	7.92

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





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-2-(28-29)

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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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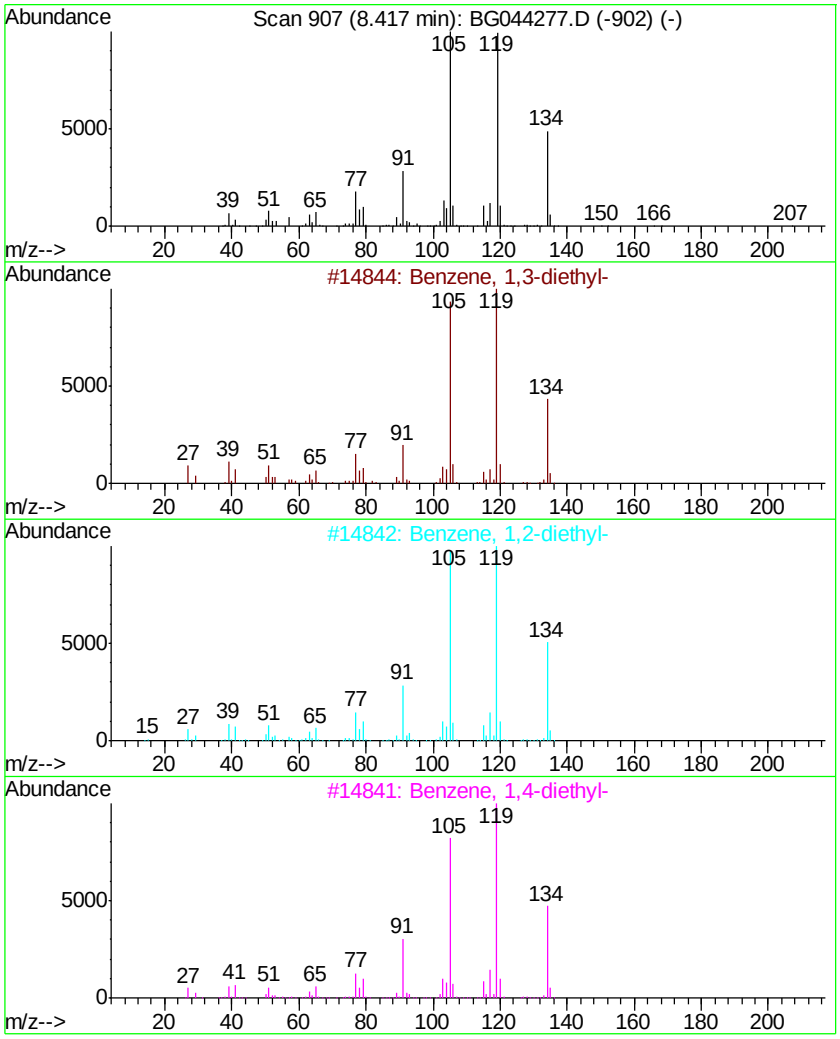
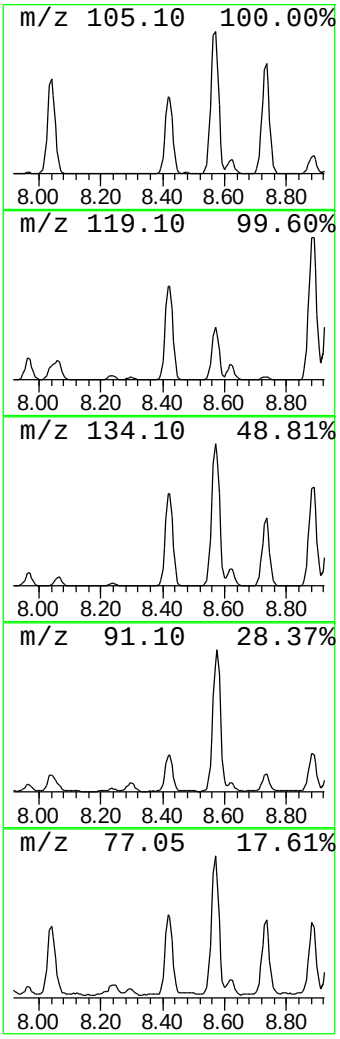
Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	28.49 ng	2874150	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83





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Misc :
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Instrument : BNA_G
ClientSampleId : PD-2-(28-29)

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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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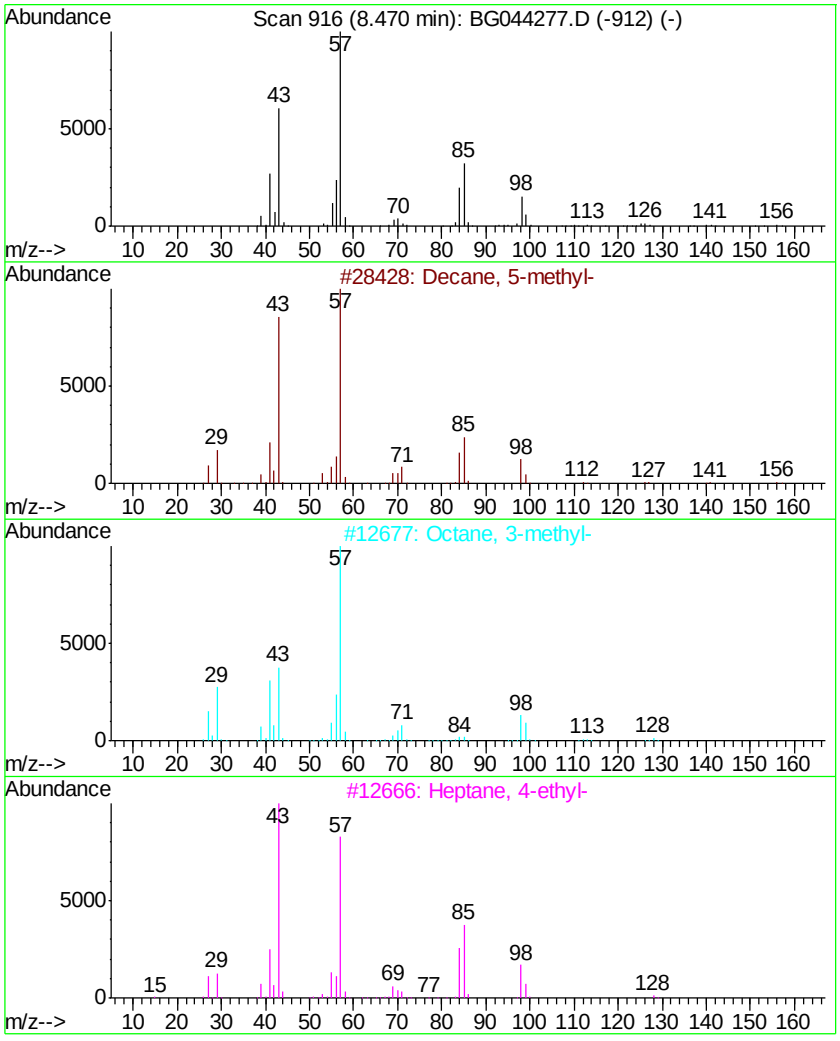
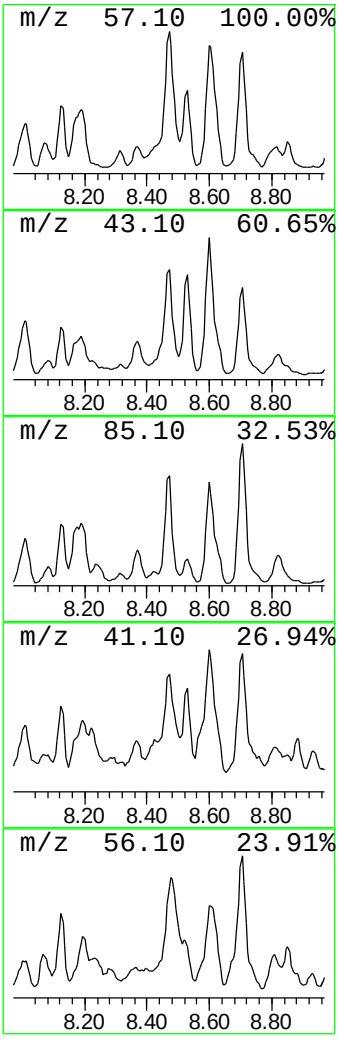
Peak Number 12 Decane, 5-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	16.03 ng	1617450	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	50
2	Octane, 3-methyl-	128	C9H20	002216-33-3	43
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	42
4	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	38
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	35





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-2-(28-29)

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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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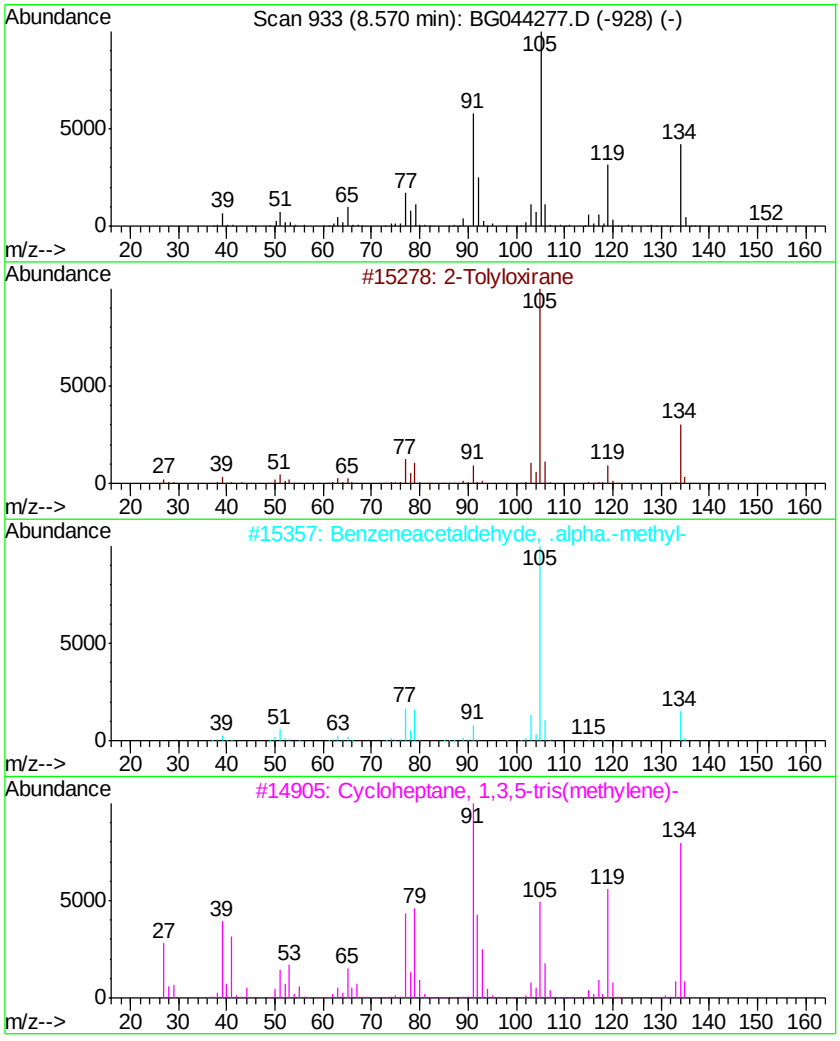
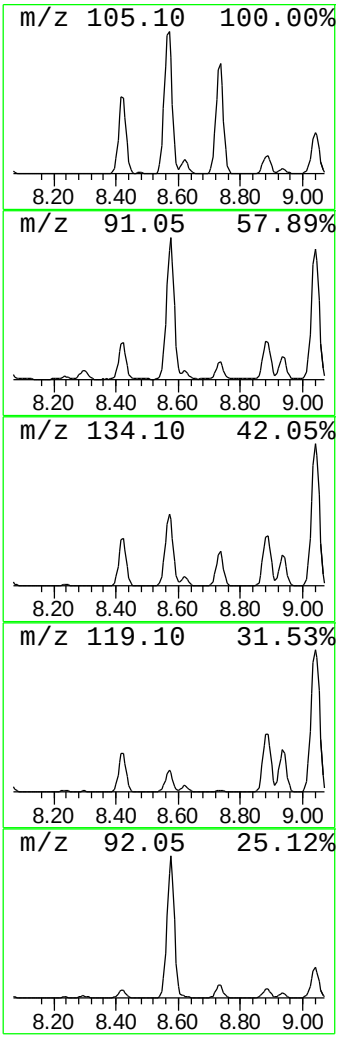
Peak Number 13 2-Tolyloxirane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	77.17 ng	7785130	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tolyloxirane	134	C9H10O	002783-26-8	76
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	53
3	Cycloheptane, 1,3,5-tris(methyle...	134	C10H14	068284-24-2	50
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	49
5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	46





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Instrument : BNA_G
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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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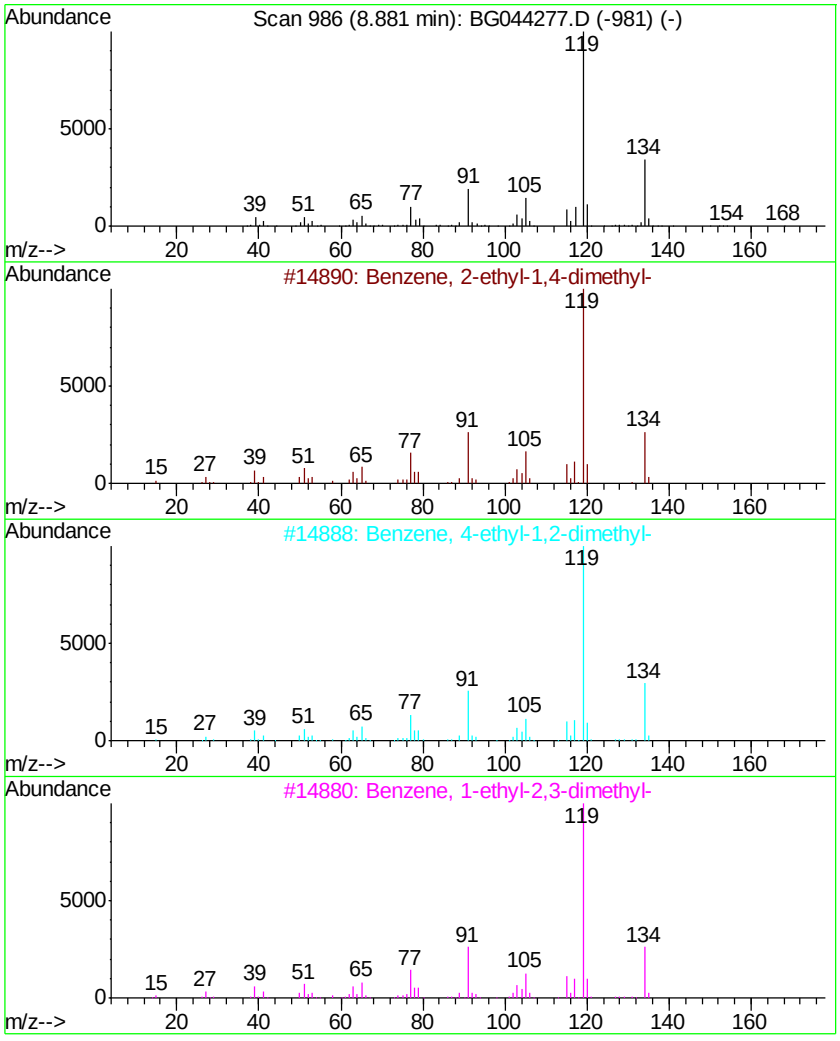
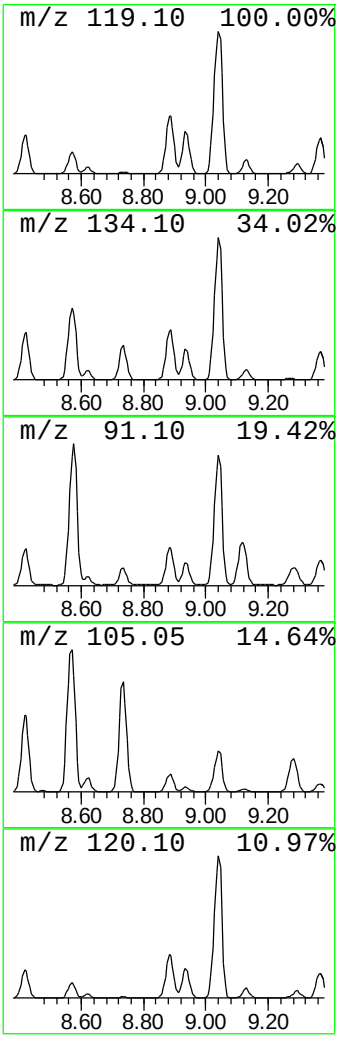
Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	24.26 ng	2447000	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	p-Cymene	134	C10H14	000099-87-6	93





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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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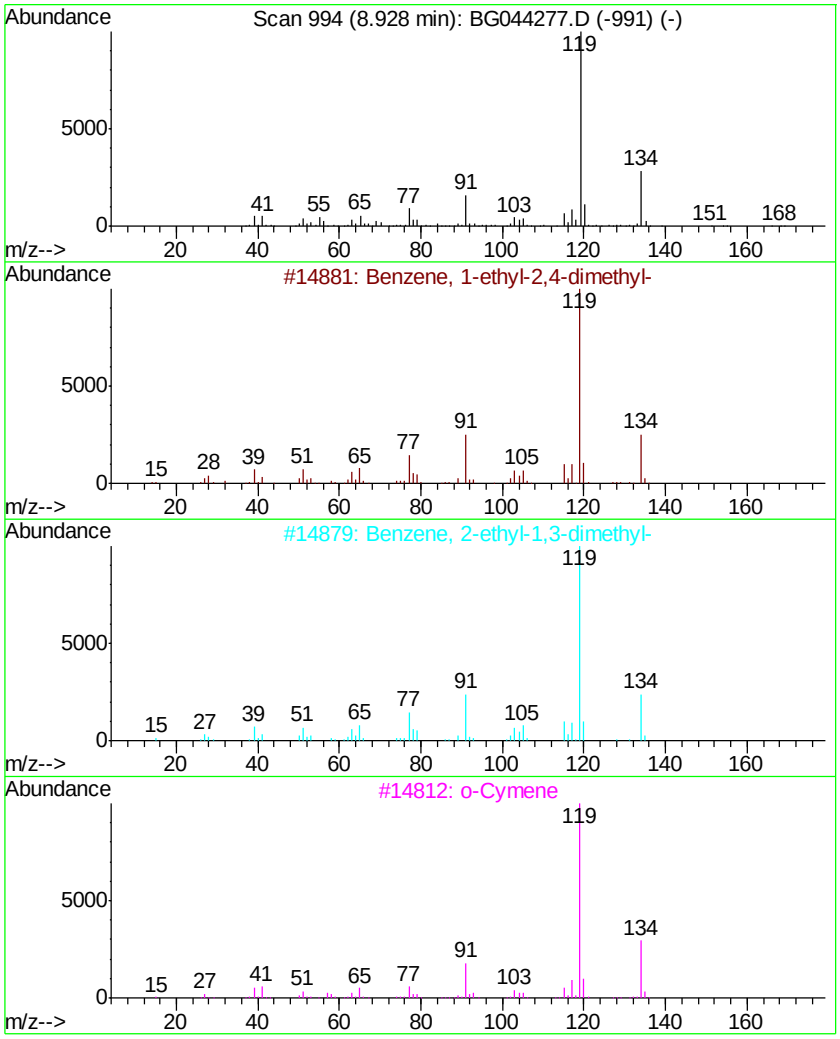
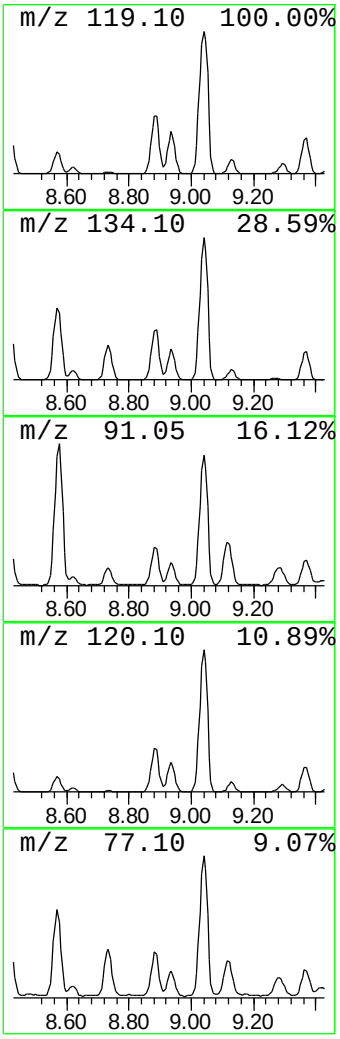
Peak Number 15 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	16.37 ng	1651650	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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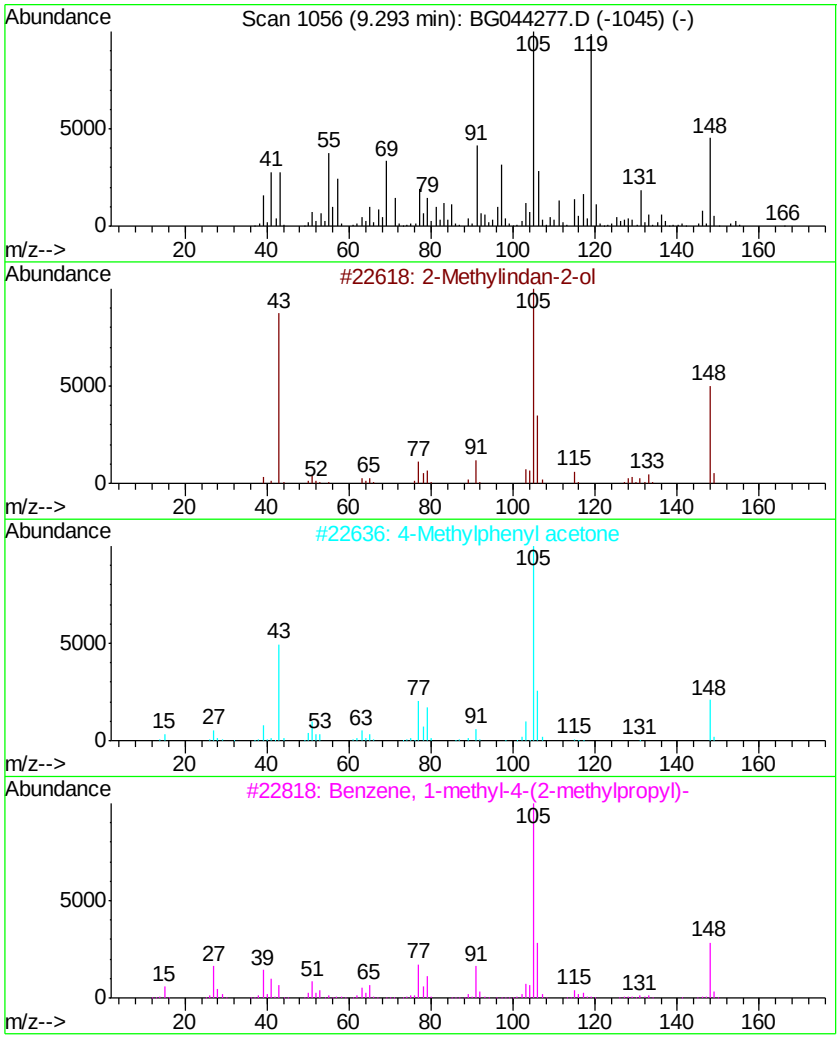
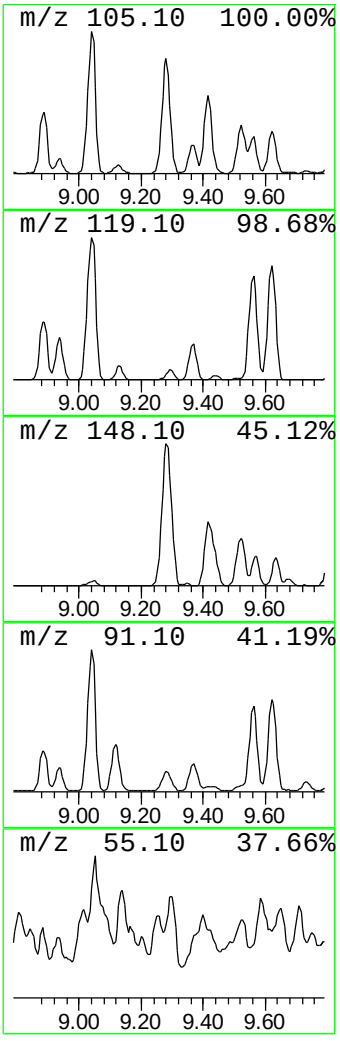
Peak Number 16 2-Methylindan-2-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	26.60 ng	2683580	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindan-2-ol	148	C10H12O	033223-84-6	55
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	50
3	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	49
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
5	2,8-Decadiyne	134	C10H14	004116-93-2	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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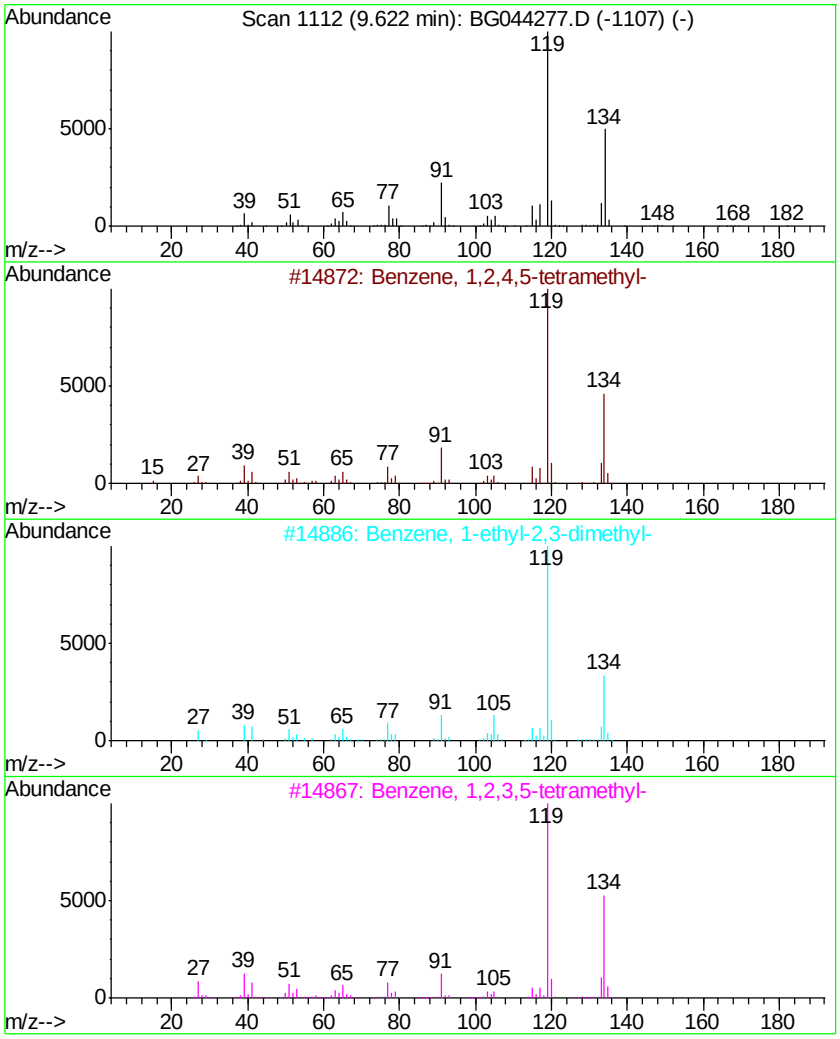
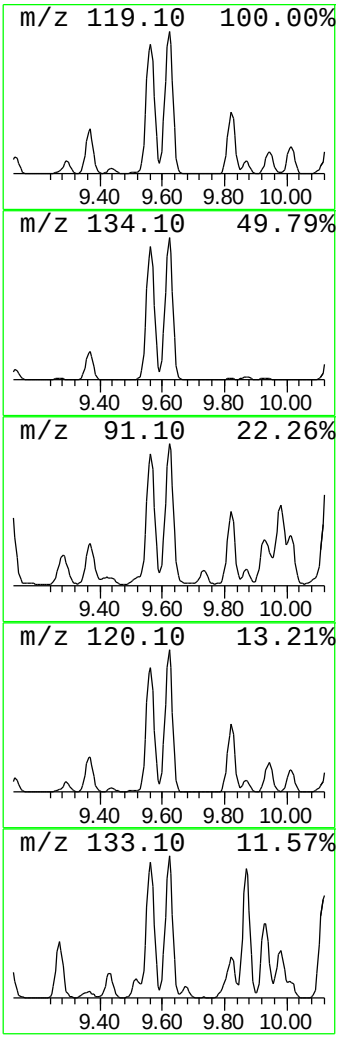
Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	13.06 ng	7011040	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





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Instrument : BNA_G
ClientSampleId : PD-2-(28-29)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

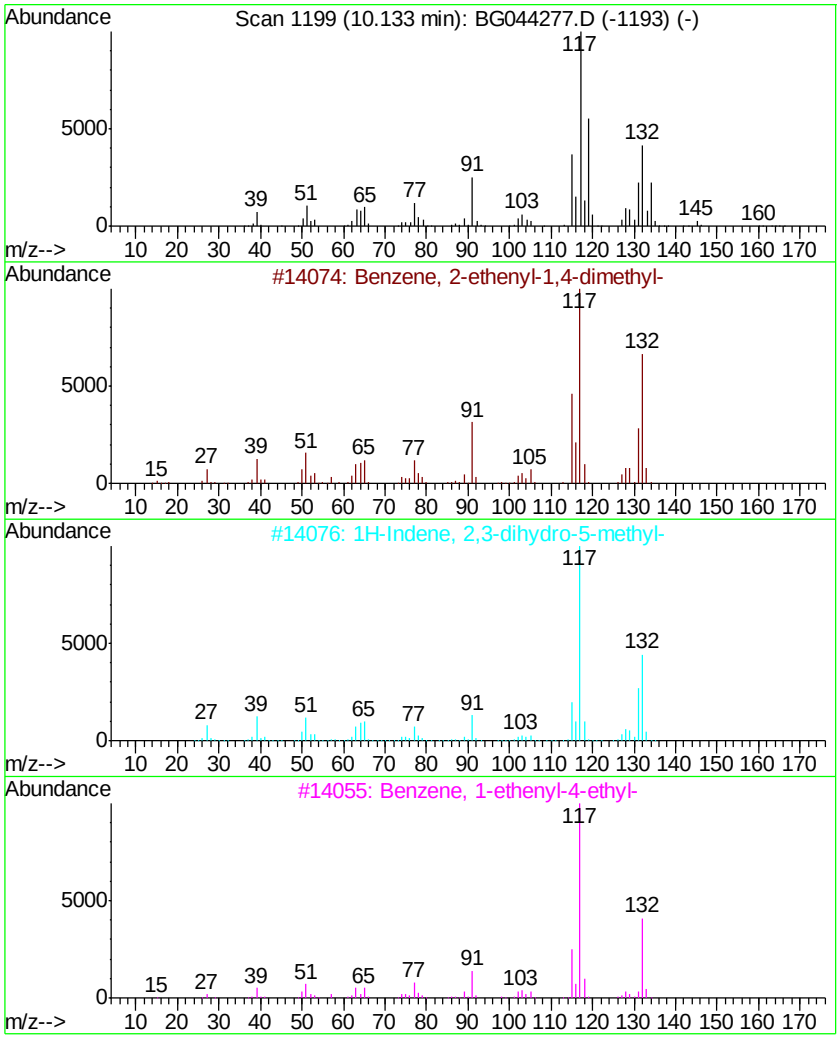
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

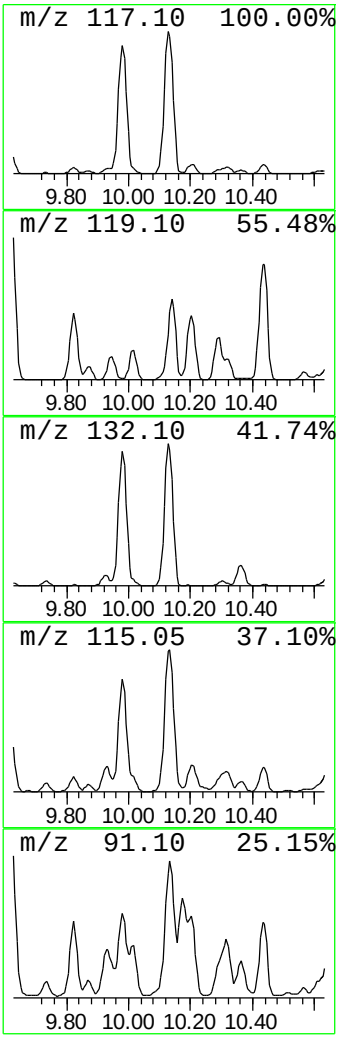
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	17.34 ng	9305330	Naphthalene-d8	10.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044277.D
Acq On : 3 Feb 2020 18:02
Operator : CG/JU
Sample : L1346-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-2-(28-29)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

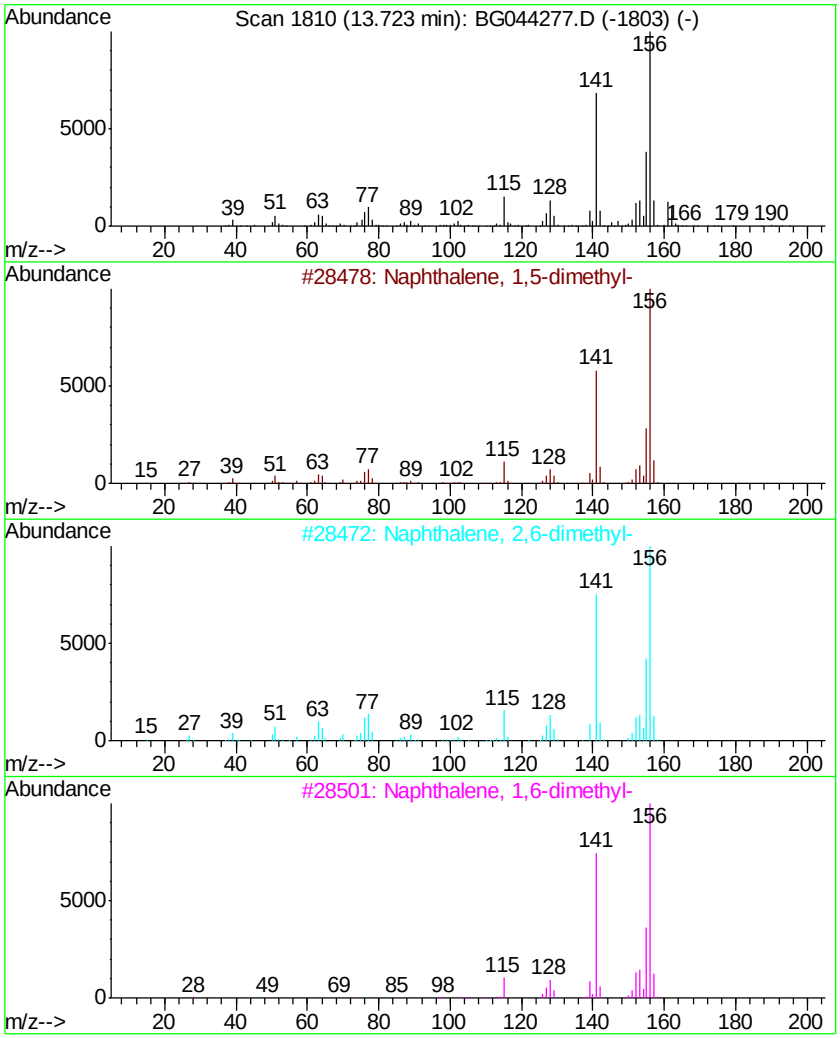
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

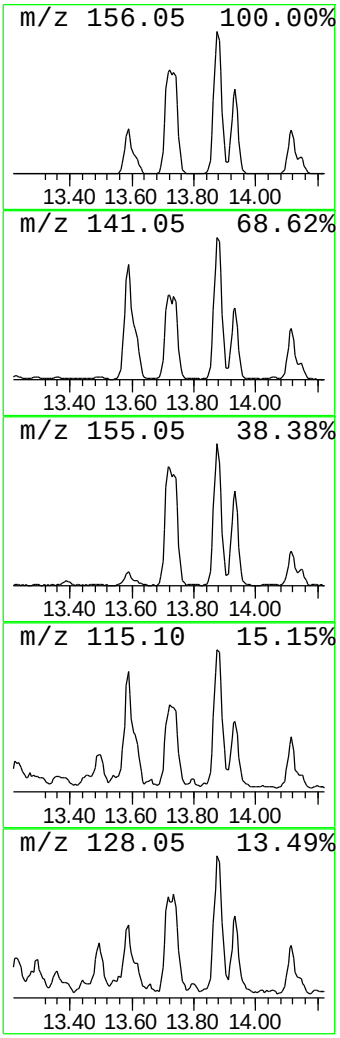
****

Peak Number 19 Naphthalene, 1,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	19.67 ng	1248370	Acenaphthene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044277.D
Acq On : 3 Feb 2020 18:02
Operator : CG/JU
Sample : L1346-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-2-(28-29)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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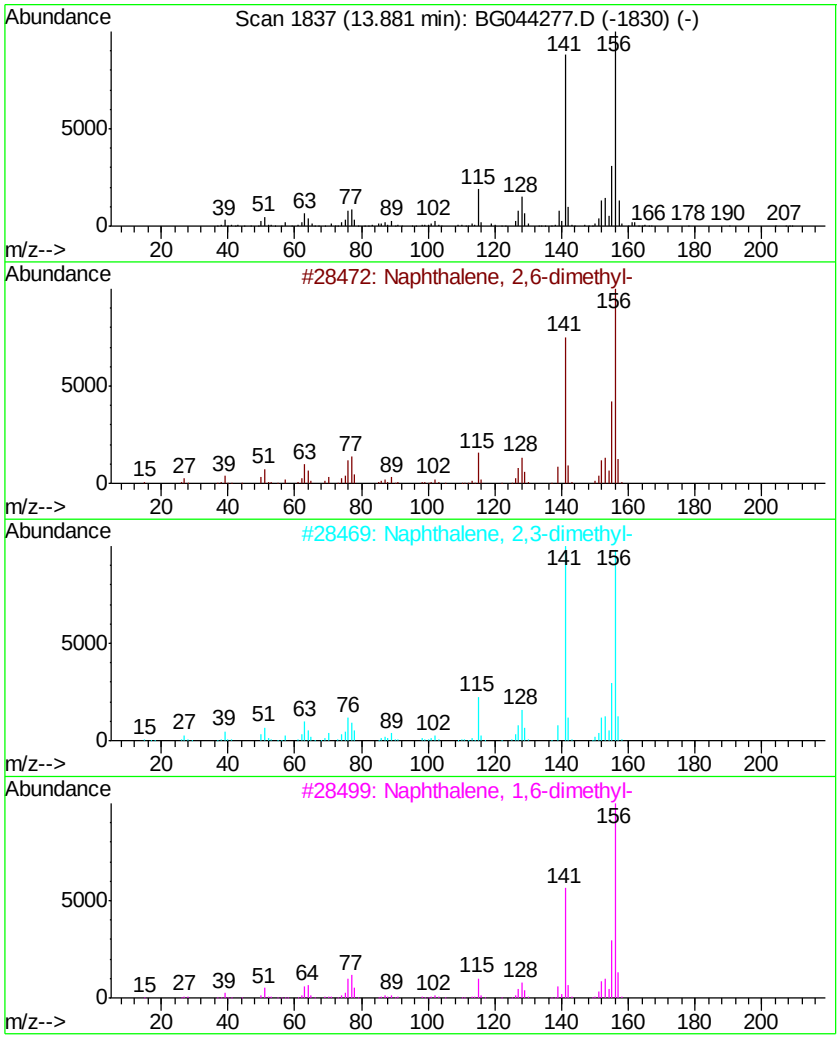
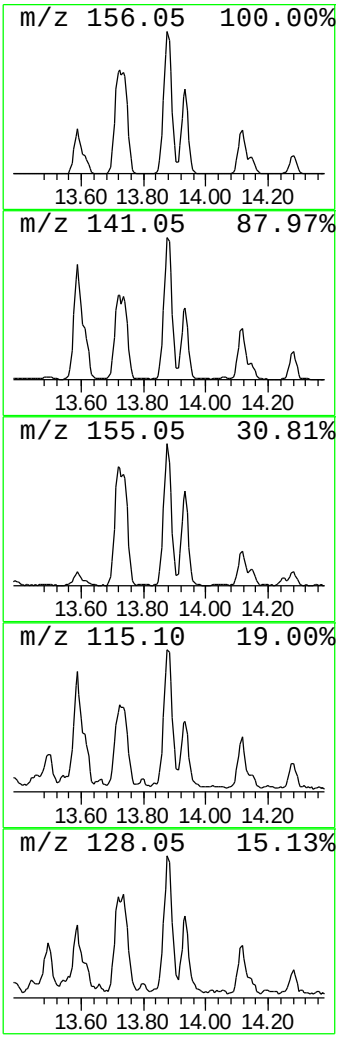
Peak Number 20 Naphthalene, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	18.00 ng	1142850	Acenaphthene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020320\
Data File : BG044277.D
Acq On : 3 Feb 2020 18:02
Operator : CG/JU
Sample : L1346-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PD-2-(28-29)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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
unknown6.20	6.20	14.4	ng	1447200	1	7.92	2017540	20.0
Benzene, (1-methy...	6.41	16.1	ng	1627910	1	7.92	2017540	20.0
Octane, 2,6-dimet...	6.49	13.6	ng	1369520	1	7.92	2017540	20.0
Cyclohexanone, 2,...	6.57	17.1	ng	1728750	1	7.92	2017540	20.0
Hexane, 3-ethyl-	6.82	13.3	ng	1342470	1	7.92	2017540	20.0
Benzene, propyl-	6.90	27.9	ng	2809360	1	7.92	2017540	20.0
Decane	6.98	15.6	ng	1573780	1	7.92	2017540	20.0
Benzene, 1,2,3-tr...	7.57	45.2	ng	4555160	1	7.92	2017540	20.0
Benzene, 1-ethyl-...	8.04	20.6	ng	2076210	1	7.92	2017540	20.0
Benzene, 1,3-diet...	8.42	28.5	ng	2874150	1	7.92	2017540	20.0
Decane, 5-methyl-	8.47	16.0	ng	1617450	1	7.92	2017540	20.0
2-Tolyloxirane	8.57	77.2	ng	7785130	1	7.92	2017540	20.0
Benzene, 2-ethyl-...	8.88	24.3	ng	2447000	1	7.92	2017540	20.0
Benzene, 1-ethyl-...	8.93	16.4	ng	1651650	1	7.92	2017540	20.0
2-Methylindan-2-ol	9.29	26.6	ng	2683580	1	7.92	2017540	20.0
Benzene, 1,2,4,5-...	9.62	13.1	ng	7011040	2	10.73	10735400	20.0
Benzene, 2-etheny...	10.13	17.3	ng	9305330	2	10.73	10735400	20.0
Naphthalene, 1,5-...	13.72	19.7	ng	1248370	3	14.56	1269500	20.0
Naphthalene, 2,6-...	13.88	18.0	ng	1142850	3	14.56	1269500	20.0