LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109602.D
Acq On : 4 Oct 2018 22:03
Operator : JU/SJ
Sample : J5214-04 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N48719

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_F\METHODS\8270-BF092218.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	2.152	6	11	19	rBV	513718	777822	3.93%	0.271%
2	2.587	80	85	88	rBV	584419	1023741	5.17%	0.357%
3	2.622	88	91	96	rVB	515905	797129	4.02%	0.278%
4	2.675	96	100	114	rVB2	414724	816976	4.12%	0.285%
5	2.822	114	125	136	rBV3	534421	1929169	9.74%	0.672%
6	2.987	146	153	156	rBV	751496	1559078	7.87%	0.543%
7	3.310	202	208	216	rVB	412612	788781	3.98%	0.275%
8	3.657	259	267	275	rVV	1933838	3390030	17.12%	1.181%
9	4.016	323	328	336	rVB2	568563	988077	4.99%	0.344%
10	4.116	336	345	356	rBV2	1673704	4194698	21.18%	1.462%
11	4.245	356	367	373	rBV2	1801558	4262706	21.52%	1.485%
12	4.293	373	375	380	rVB	591501	675645	3.41%	0.235%
13	4.516	402	413	416	rBV3	374969	997362	5.04%	0.348%
14	4.551	416	419	423	rVB	532172	649944	3.28%	0.226%
15	4.610	423	429	437	rBV3	349623	998377	5.04%	0.348%
16	4.687	437	442	449	rBV3	358669	1052069	5.31%	0.367%
17	4.857	455	471	475	rBV3	1536184	4695433	23.71%	1.636%
18	4.916	475	481	487	rBV3	1885651	4236381	21.39%	1.476%
19	4.998	491	495	498	rVV3	651575	1261569	6.37%	0.440%
20	5.040	498	502	505	rVB2	1643585	1916487	9.68%	0.668%
21	5.175	520	525	531	rBV	2274944	3003105	15.16%	1.046%
22	5.304	540	547	552	rVB2	5088168	10714570	54.10%	3.733%
23	5.369	554	558	561	rBV	651980	1116814	5.64%	0.389%
24	5.516	577	583	586	rBV	1141951	1733755	8.75%	0.604%
25	5.563	586	591	593	rVV	4127729	5235650	26.43%	1.824%
26	5.598	593	597	600	rVV3	1478005	3000580	15.15%	1.045%
27	5.628	600	602	605	rVV3	1324568	1232520	6.22%	0.429%
28	5.687	609	612	618	rVB2	1716309	2331809	11.77%	0.812%
29	5.775	621	627	631	rBV6	673130	1667912	8.42%	0.581%
30	5.822	631	635	638	rVB2	609239	805678	4.07%	0.281%
31	5.869	639	643	644	rBV2	582952	760158	3.84%	0.265%
32	5.934	649	654	657	rBV	591537	1036012	5.23%	0.361%
33	5.992	657	664	665	rBV3	1305303	2452840	12.38%	0.855%
34	6.104	675	683	686	rBV2	1575551	2282656	11.53%	0.795%

LSC Area Percent Report

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Sample : J5214-04 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N48719

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_F\METHODS\8270-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.157	686	692	693	rBV3	895553	1267464	6.40%	0.442%
36	6.181	693	696	701	rVV2	1784023	3264007	16.48%	1.137%
37	6.257	701	709	712	rVV2	4347655	9668931	48.82%	3.369%
38	6.292	712	715	717	rVV	3802608	5184519	26.18%	1.806%
39	6.339	717	723	732	rVB5	6142092	12657682	63.91%	4.410%
40	6.422	732	737	746	rBV2	2650557	3624800	18.30%	1.263%
41	6.569	746	762	767	rBV6	6159607	19805923	100.00%	6.901%
42	6.669	775	779	780	rBV2	653328	861160	4.35%	0.300%
43	6.687	780	782	785	rVV2	638256	817706	4.13%	0.285%
44	6.745	789	792	795	rBV	868304	789146	3.98%	0.275%
45	6.792	795	800	804	rBV2	3330542	5516524	27.85%	1.922%
46	6.910	812	820	821	rBV5	2926257	5091411	25.71%	1.774%
47	7.016	835	838	842	rBV3	2321336	2476830	12.51%	0.863%
48	7.063	842	846	848	rBV	3322263	4429194	22.36%	1.543%
49	7.192	860	868	870	rBV3	2993068	5827081	29.42%	2.030%
50	7.210	870	871	873	rVV	1434103	1171040	5.91%	0.408%
51	7.234	873	875	879	rVB	3002115	3128276	15.79%	1.090%
52	7.281	879	883	885	rBV2	2653496	2595781	13.11%	0.904%
53	7.316	885	889	891	rBV2	2071584	2841841	14.35%	0.990%
54	7.334	891	892	896	rVB3	2165462	1341197	6.77%	0.467%
55	7.398	896	903	906	rBV5	2390575	5222686	26.37%	1.820%
56	7.463	910	914	917	rVB2	2338428	3888464	19.63%	1.355%
57	7.516	917	923	925	rBV3	2256953	4126173	20.83%	1.438%
58	7.545	925	928	930	rVB	3007074	3144254	15.88%	1.096%
59	7.604	932	938	941	rBV5	2215214	3925181	19.82%	1.368%
60	7.657	943	947	949	rBV2	1925853	2031321	10.26%	0.708%
61	7.692	949	953	957	rVB5	1680552	3130011	15.80%	1.091%
62	7.739	957	961	962	rBV2	1344905	1518122	7.66%	0.529%
63	7.763	962	965	966	rBV2	990448	877978	4.43%	0.306%
64	7.792	966	970	971	rBV3	1878329	2218345	11.20%	0.773%
65	7.851	976	980	983	rVV5	2129971	4045512	20.43%	1.410%
66	7.910	984	990	996	rVV4	4731738	12212660	61.66%	4.255%
67	7.963	996	999	1001	rVV4	1605584	2347767	11.85%	0.818%
68	8.010	1003	1007	1009	rVV3	4706697	7320502	36.96%	2.551%
69	8.045	1011	1013	1017	rVV2	3995836	5933222	29.96%	2.067%
70	8.081	1017	1019	1020	rVV2	2019408	1739922	8.78%	0.606%
71	8.098	1020	1022	1028	rVV4	1750887	3066161	15.48%	1.068%

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Sample : J5214-04 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N48719

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.169	1031	1034	1039	rVV5	1913569	3783500	19.10%	1.318%
73	8.210	1039	1041	1044	rVB2	1376987	1295380	6.54%	0.451%
74	8.310	1055	1058	1060	rBV3	784347	719072	3.63%	0.251%
75	8.333	1060	1062	1064	rVB	881936	746280	3.77%	0.260%
76	8.392	1069	1072	1075	rVB5	714045	951001	4.80%	0.331%
77	8.539	1094	1097	1099	rBV2	1026226	1386452	7.00%	0.483%
78	8.622	1104	1111	1112	rBV3	2528067	4468494	22.56%	1.557%
79	8.733	1126	1130	1134	rBV	2272644	2384617	12.04%	0.831%
80	8.810	1139	1143	1147	rBV2	1668537	3115827	15.73%	1.086%
81	8.845	1147	1149	1150	rVB	1171413	789585	3.99%	0.275%
82	8.875	1150	1154	1157	rBV3	1123169	1227389	6.20%	0.428%
83	9.033	1175	1181	1184	rVB2	3344469	5301080	26.77%	1.847%
84	9.133	1195	1198	1200	rBV	780880	738189	3.73%	0.257%
85	9.186	1204	1207	1209	rBV	1395199	1214996	6.13%	0.423%
86	9.269	1216	1221	1225	rVB	2716091	3182908	16.07%	1.109%
87	9.357	1230	1236	1239	rBV3	2592743	5610248	28.33%	1.955%
88	9.386	1239	1241	1245	rVB	2796434	2241905	11.32%	0.781%
89	9.463	1252	1254	1258	rVB5	1038266	1133473	5.72%	0.395%
90	9.516	1258	1263	1267	rBV4	1566593	2157096	10.89%	0.752%
91	9.675	1287	1290	1293	rVV3	935427	1194641	6.03%	0.416%
92	9.727	1297	1299	1301	rVB2	865468	646955	3.27%	0.225%
93	9.757	1301	1304	1310	rVB3	961671	1269448	6.41%	0.442%
94	9.857	1317	1321	1328	rVB2	2077115	3079310	15.55%	1.073%
95	9.927	1331	1333	1339	rVB3	756584	853862	4.31%	0.298%
96	9.998	1342	1345	1351	rBV4	533482	857043	4.33%	0.299%
97	10.057	1351	1355	1358	rVV3	632853	784667	3.96%	0.273%
98	10.110	1361	1364	1366	rVB	773808	788175	3.98%	0.275%
99	10.386	1408	1411	1415	rBV4	579140	842775	4.26%	0.294%
100	10.651	1453	1456	1463	rVB3	534048	751857	3.80%	0.262%

Sum of corrected areas: 287010552

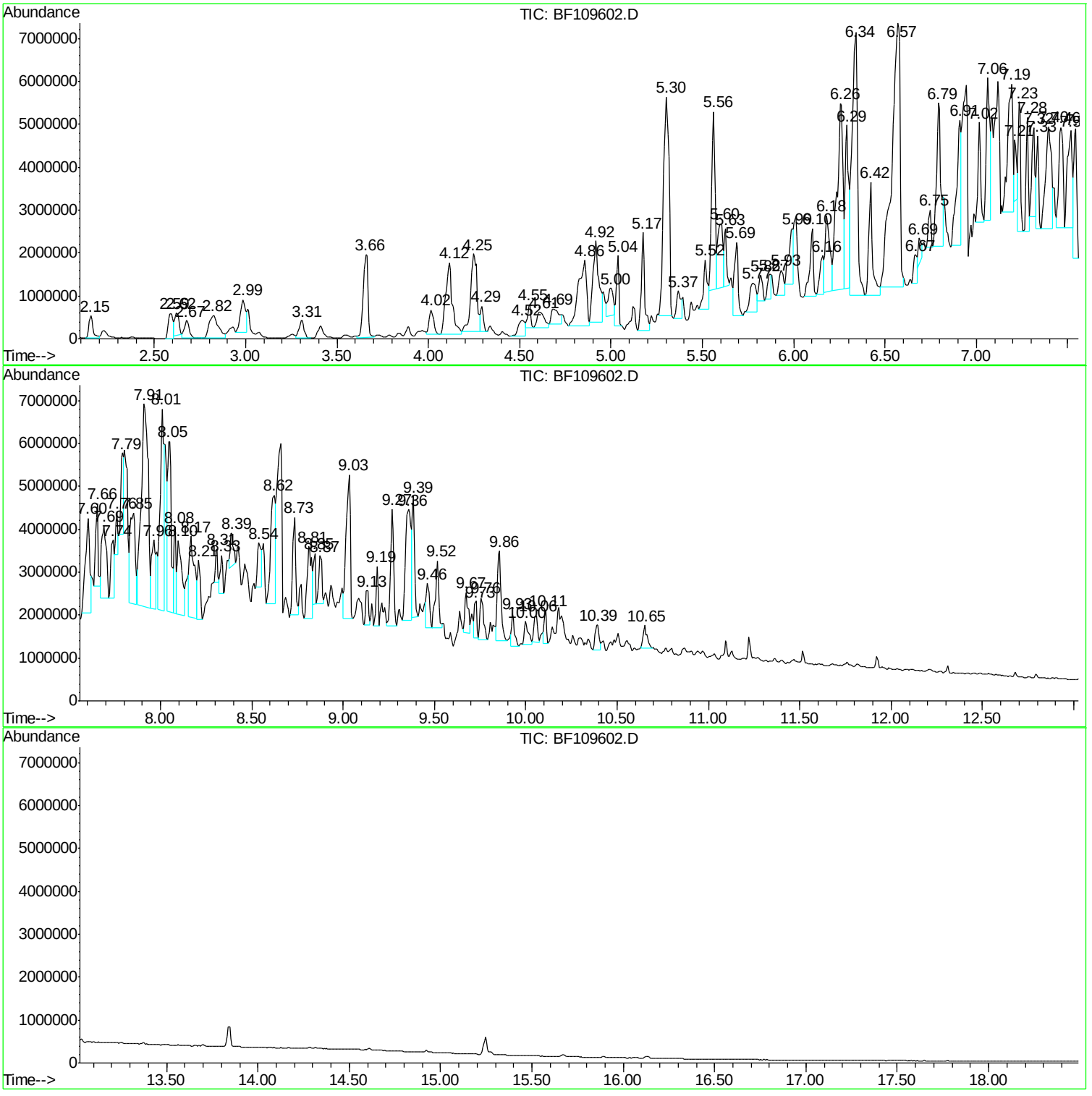
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109602.D
Acq On : 4 Oct 2018 22:03
Operator : JU/SJ
Sample : J5214-04 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N48719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
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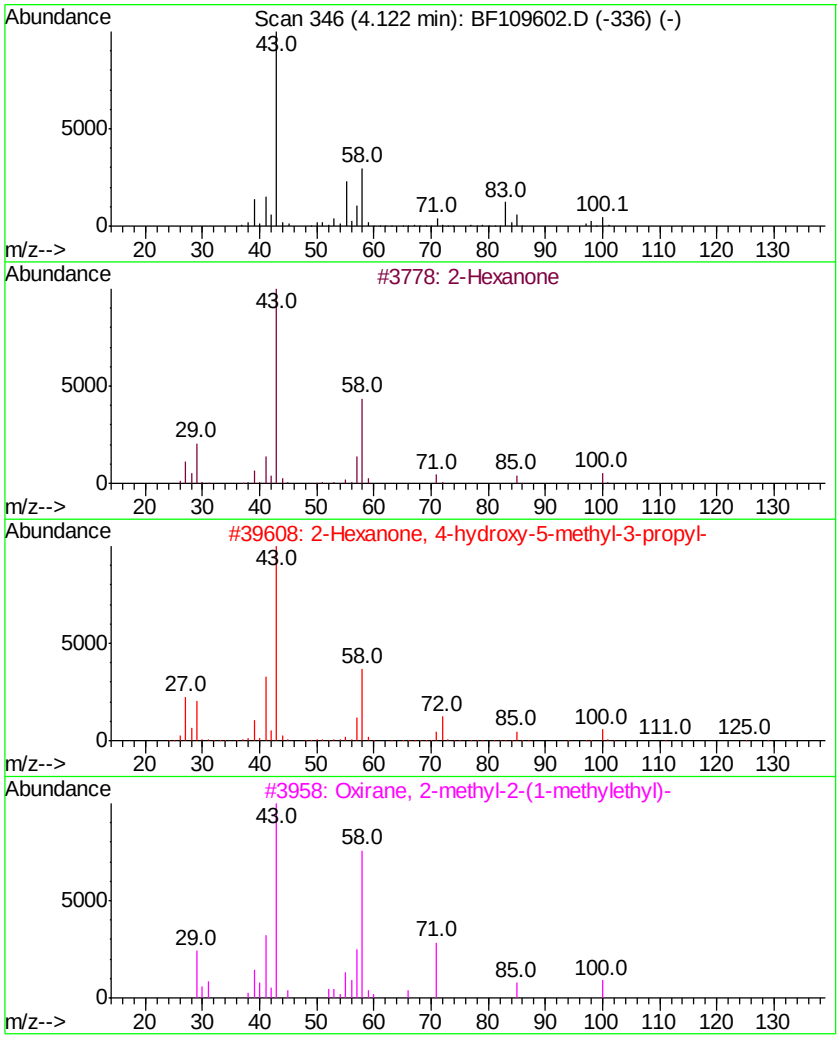
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

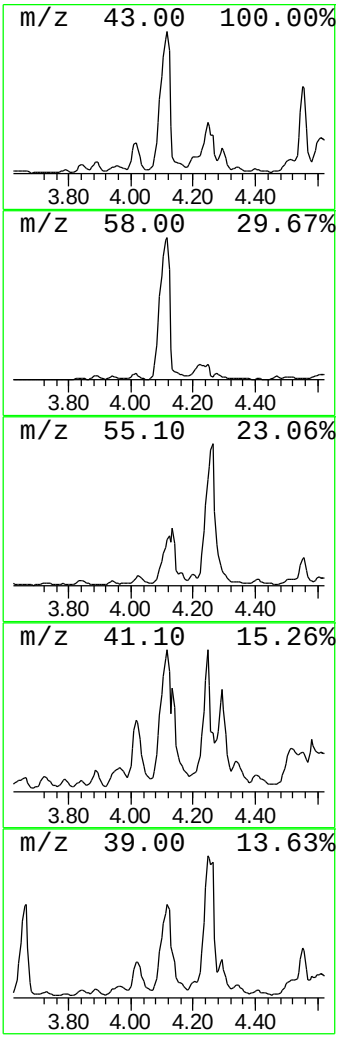
****

Peak Number 2 2-Hexanone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	106.31 ng	4194700	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	72
2	2-Hexanone, 4-hydroxy-5-methyl-3...	172	C10H20O2	061141-74-0	64
3	Oxirane, 2-methyl-2-(1-methyleth...	100	C6H12O	072221-03-5	53
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	43
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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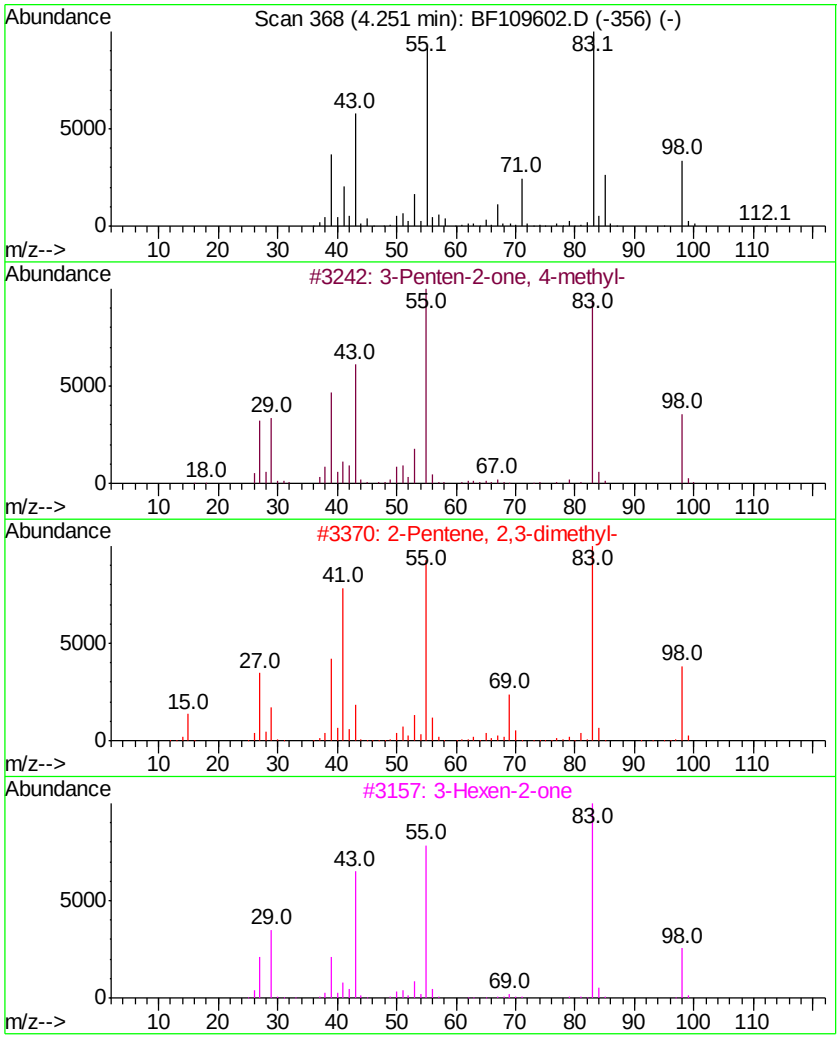
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

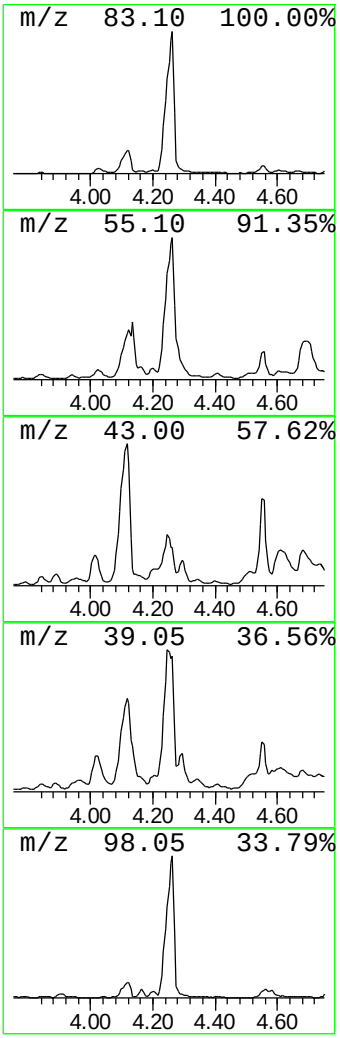
****

Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	108.03 ng	4262710	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	64
2	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	52
3	3-Hexen-2-one	98	C6H10O	000763-93-9	50
4	Furan, 2,5-dihydro-2,5-dimethyl-	98	C6H10O	059242-27-2	49
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	46





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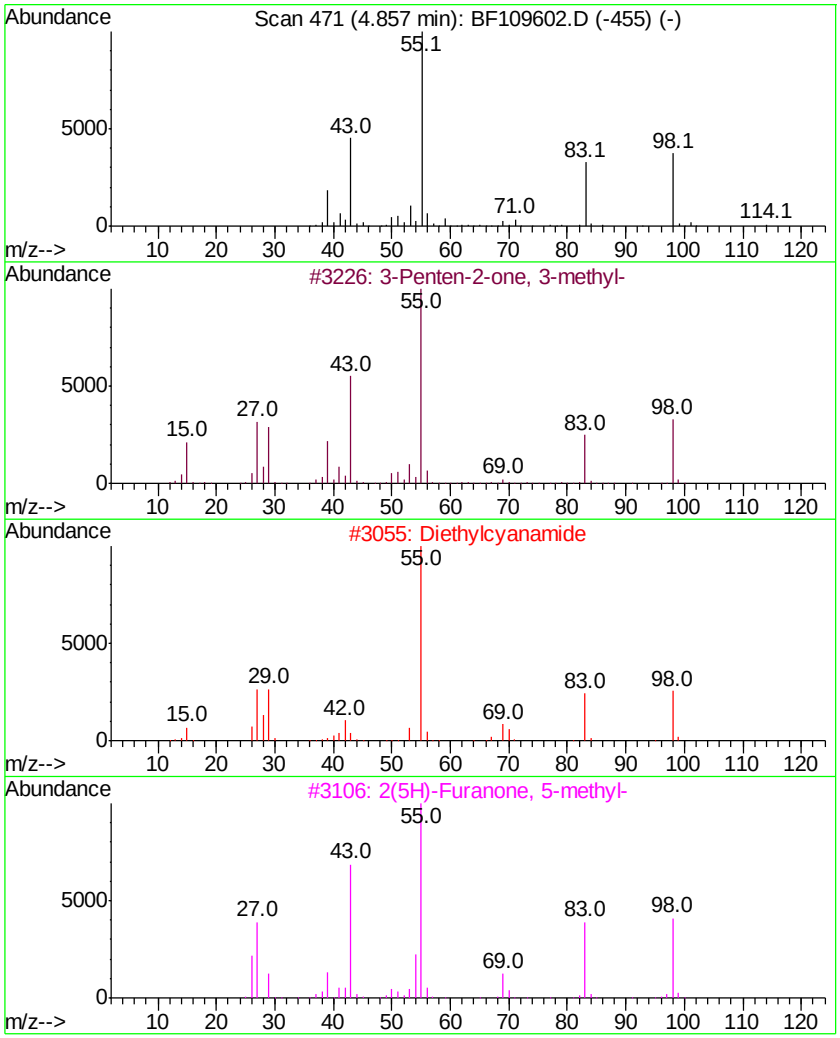
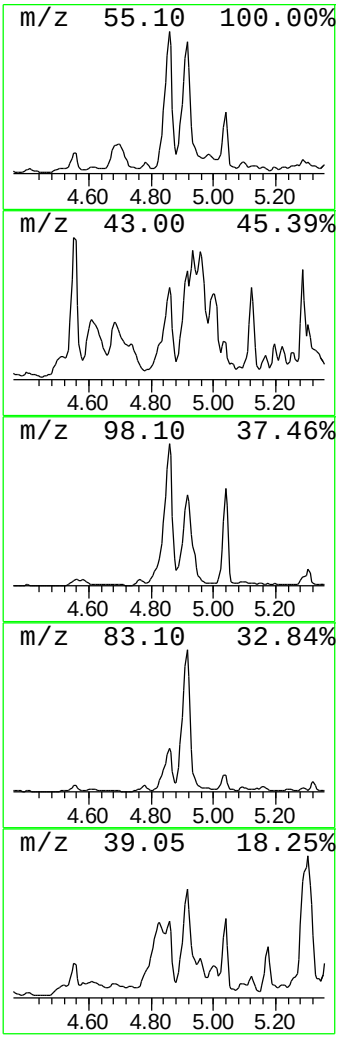
****

Peak Number 4 3-Penten-2-one, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	119.00 ng	4695430	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 3-methyl-	98	C6H10O	000565-62-8	72
2	Diethylcyanamide	98	C5H10N2	000617-83-4	64
3	2(5H)-Furanone, 5-methyl-	98	C5H6O2	000591-11-7	45
4	Cyclobutanecarboxylic acid chloride	118	C5H7ClO	005006-22-4	43
5	1-Pentyn-3-ol	84	C5H8O	004187-86-4	43





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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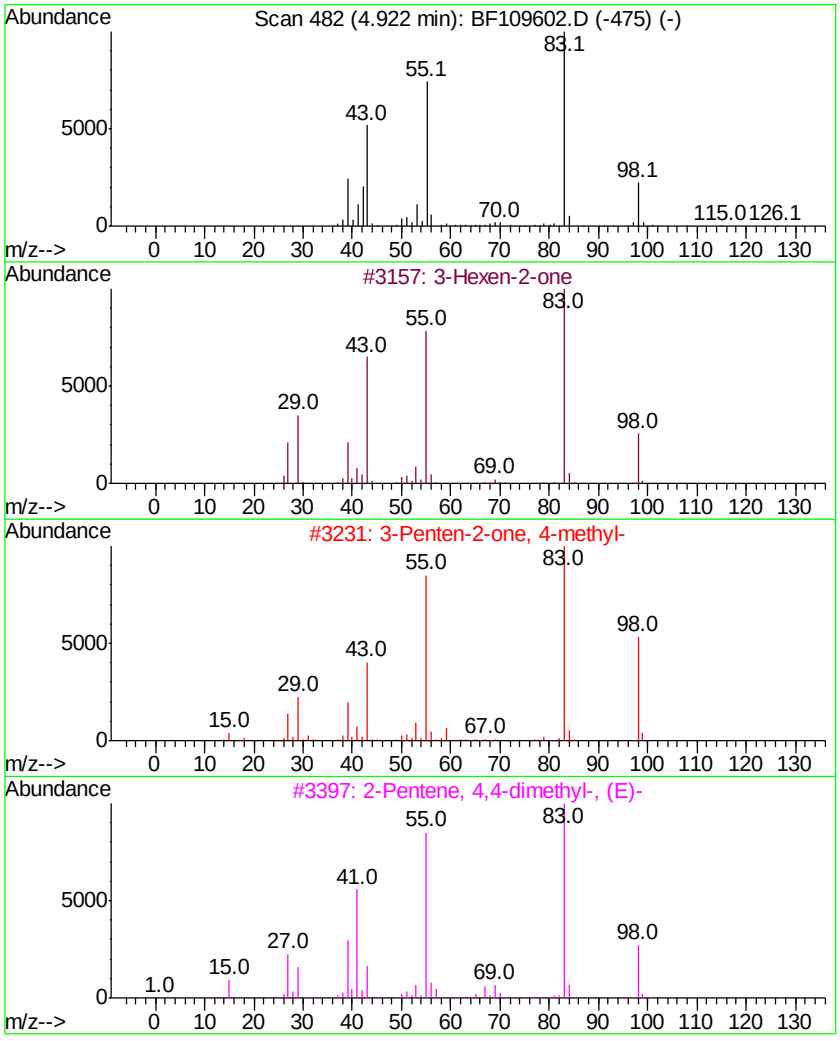
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

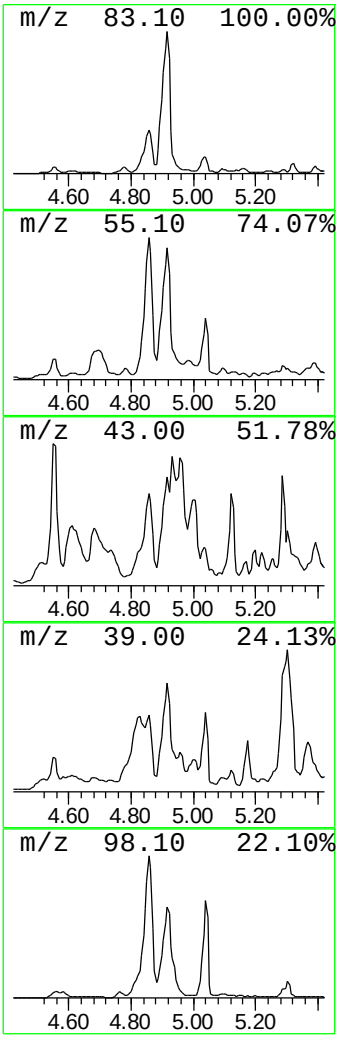
****

Peak Number 5 3-Hexen-2-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	107.37 ng	4236380	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	91
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	86
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	80
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
5	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	78





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Sample : J5214-04 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N48719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

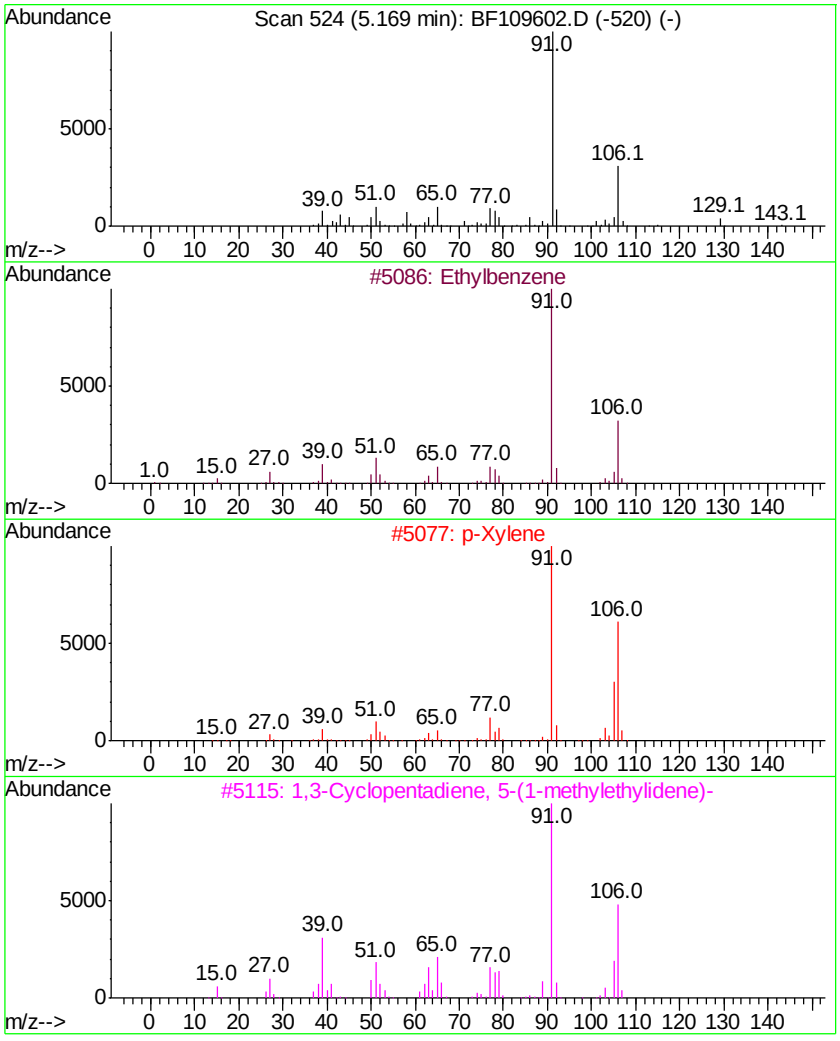
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

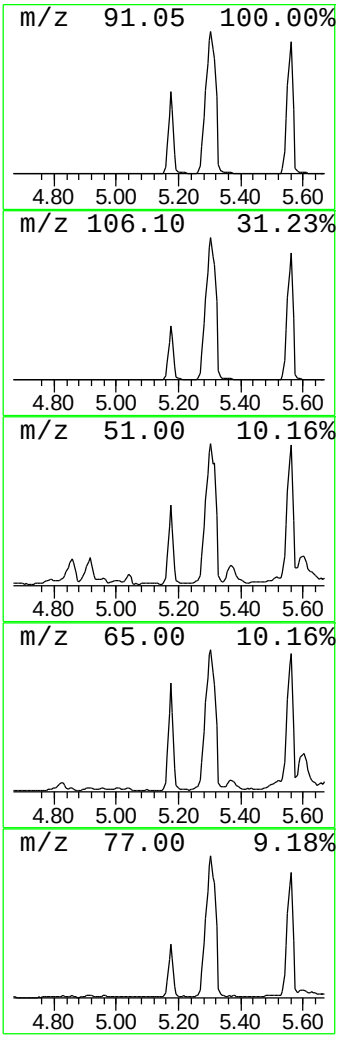
****

Peak Number 6 Ethylbenzene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	76.11 ng	3003110	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	p-Xylene	106	C8H10	000106-42-3	72
3	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	68
4	o-Xylene	106	C8H10	000095-47-6	59
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	58





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Operator : JU/SJ
Sample : J5214-04 10X
Misc :
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Instrument : BNA_F
ClientSampleId : N48719

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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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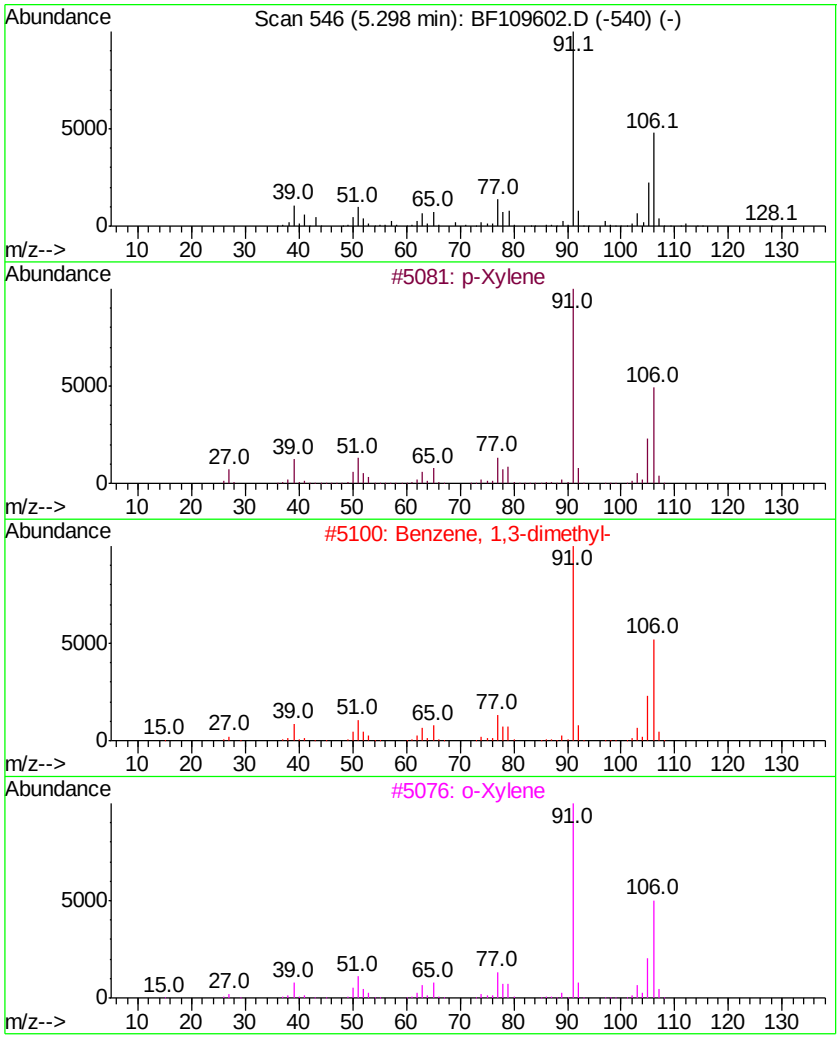
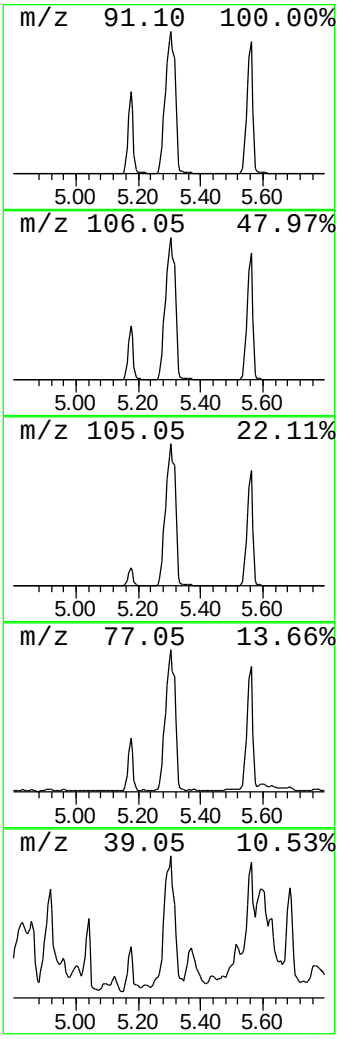
Peak Number 7 p-Xylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.30	271.55 ng	10714600	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	91
5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	80





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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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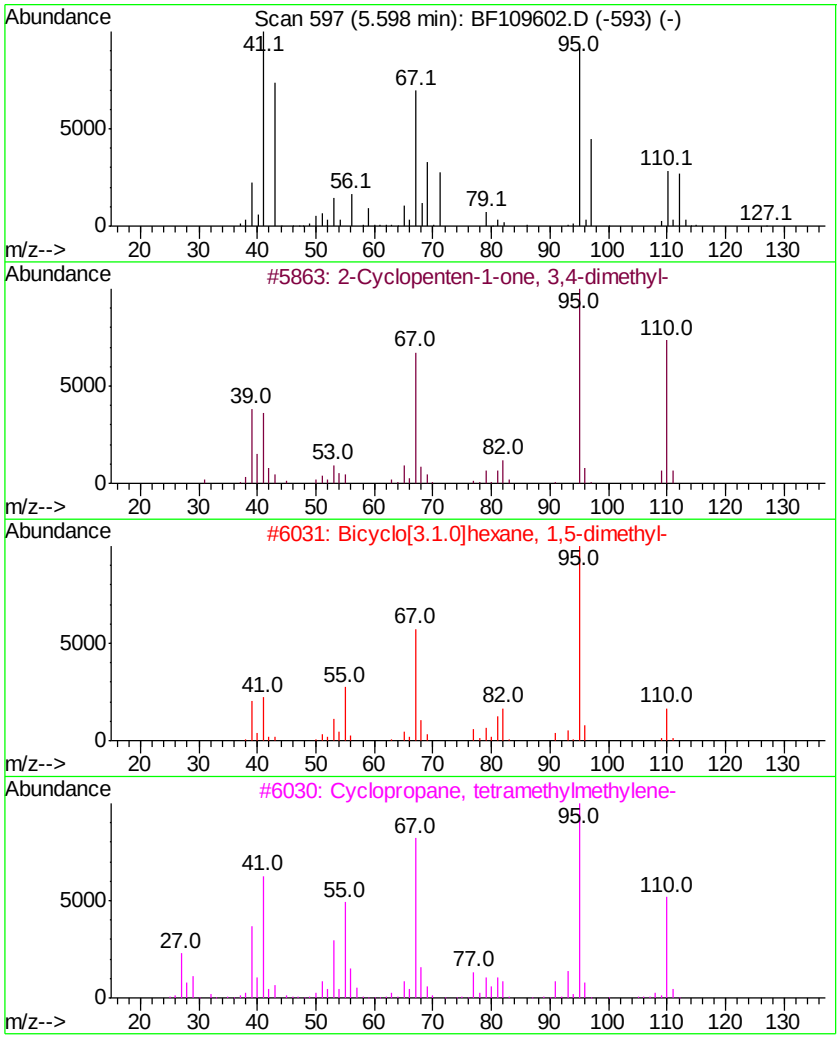
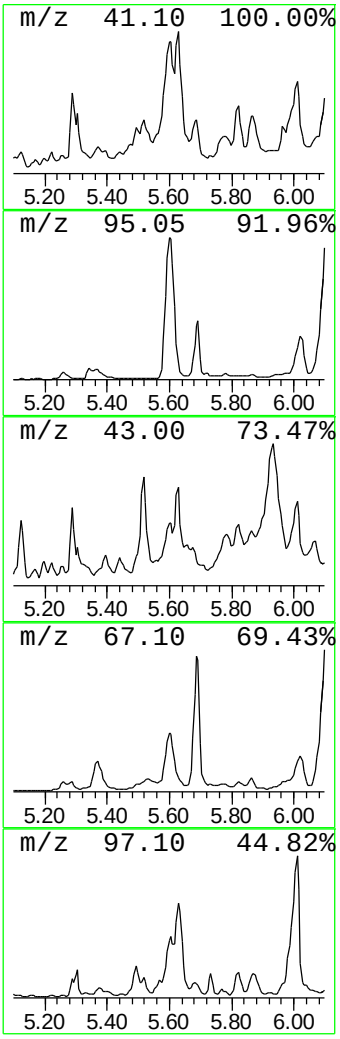
Peak Number 9 unknown5.60 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	76.05 ng	3000580	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	49
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	49
3	Cyclopropane, tetramethylmethylene-	110	C8H14	054376-39-5	49
4	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	47
5	trans,trans-3,5-Heptadien-2-one	110	C7H10O	018402-90-9	46





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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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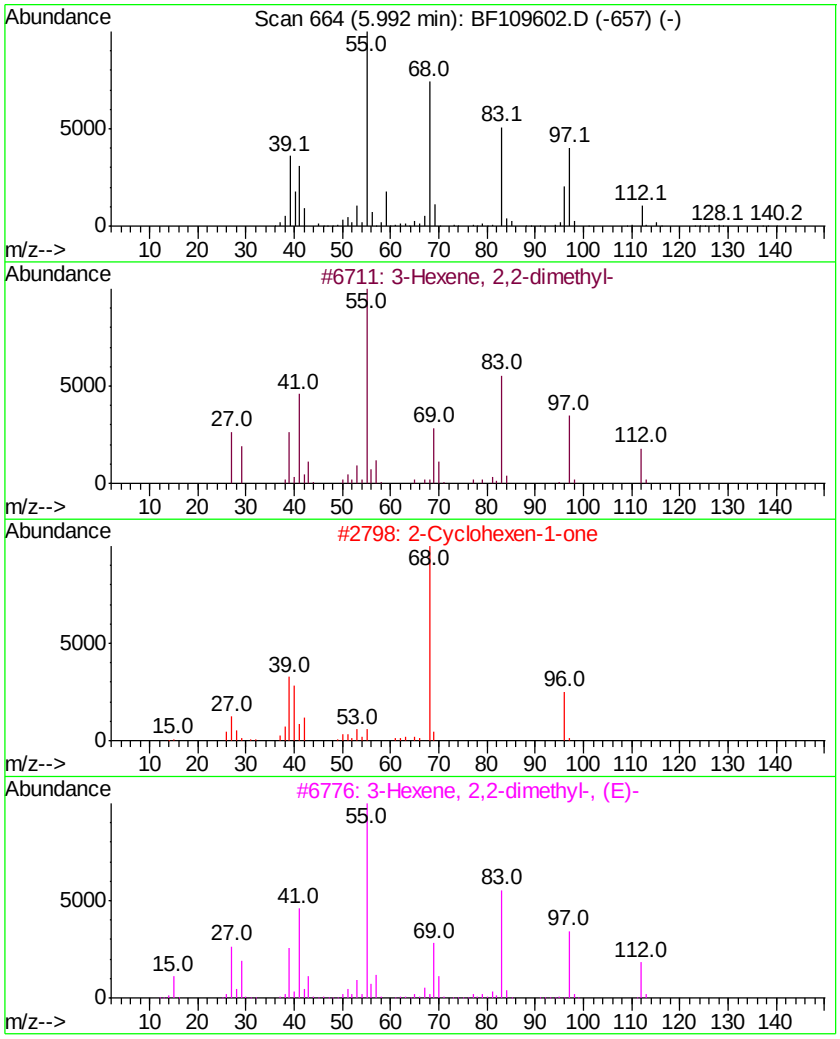
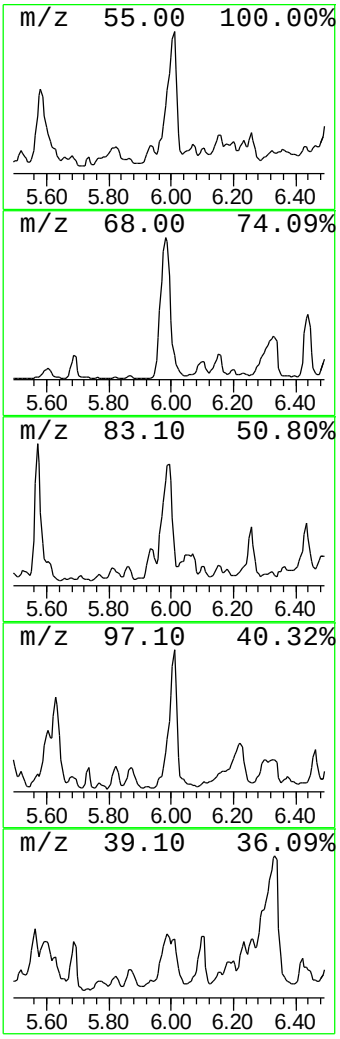
Peak Number 10 unknown5.99 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.99	62.16 ng	2452840	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 2,2-dimethyl-	112	C8H16	003123-93-1	43
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	41
3	3-Hexene, 2,2-dimethyl-, (E)-	112	C8H16	000690-93-7	38
4	2,4-Dimethyl-3-hexene(c,t)	112	C8H16	1000118-16-4	30
5	3-Hepten-2-one	112	C7H12O	001119-44-4	25





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Sample : J5214-04 10X
Misc :
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Instrument : BNA_F
ClientSampleId : N48719

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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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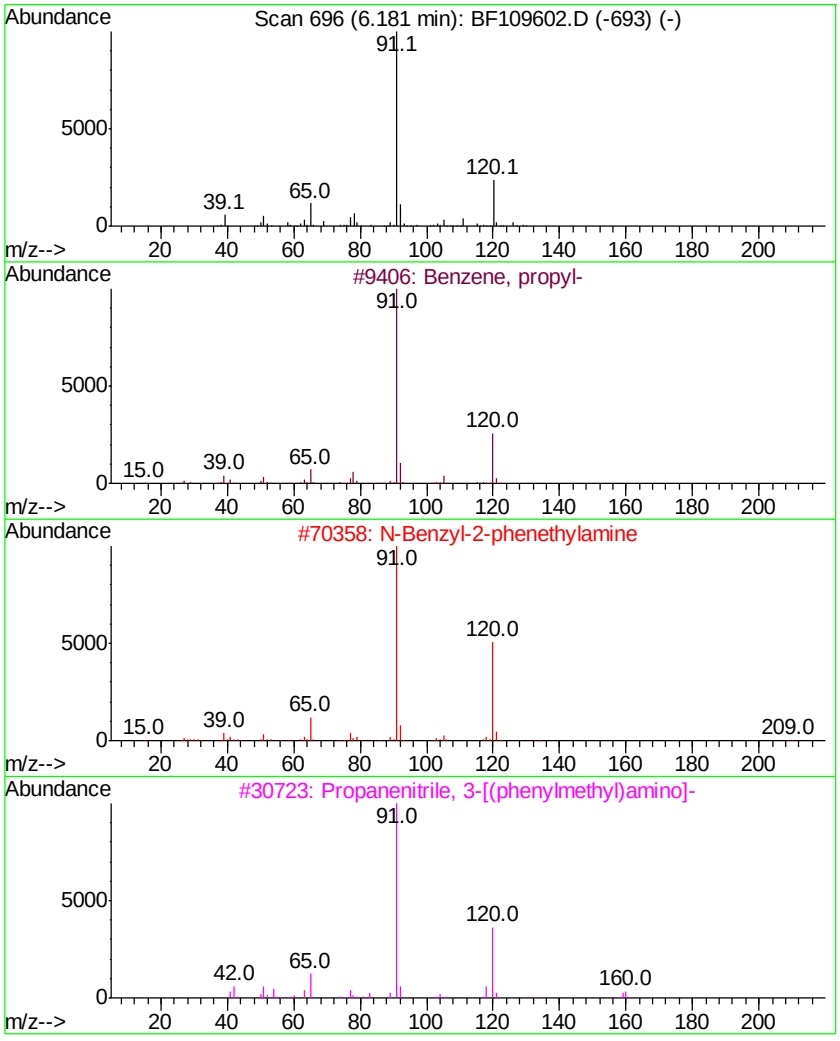
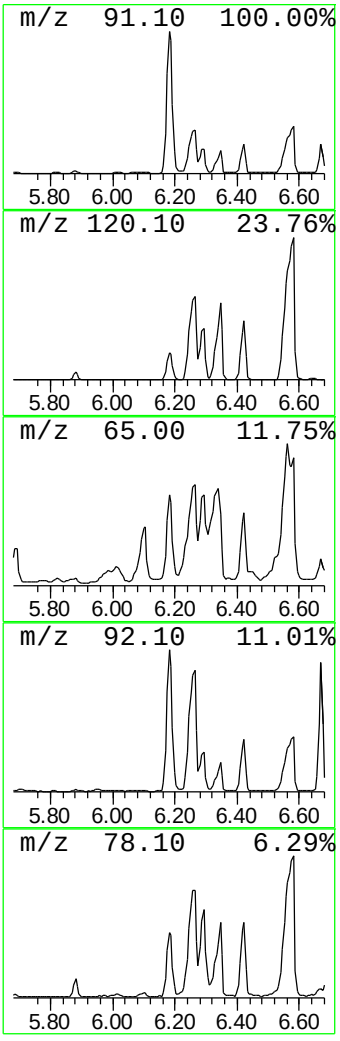
Peak Number 11 Benzene, propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	82.72 ng	3264010	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	64
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64
5	N-(Benzyloxy)-2,2,2-trifluoroace...	219	C9H8F3NO2	174075-91-3	47





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Instrument : BNA_F
ClientSampleId : N48719

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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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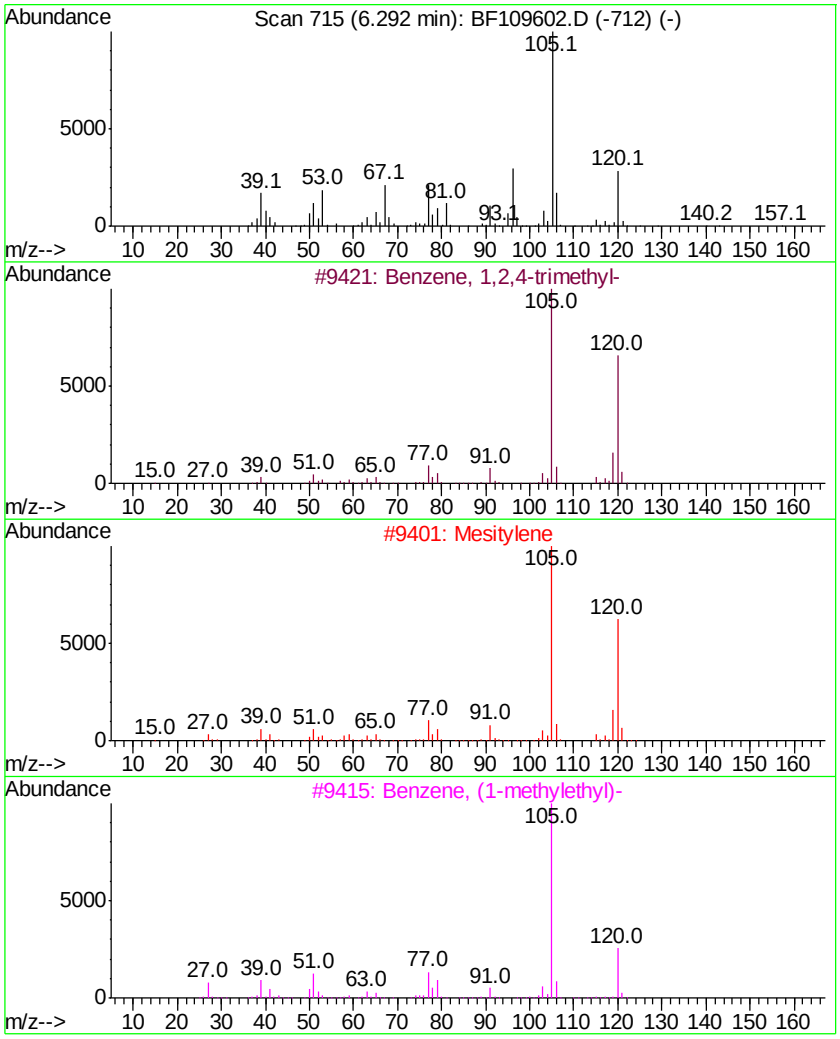
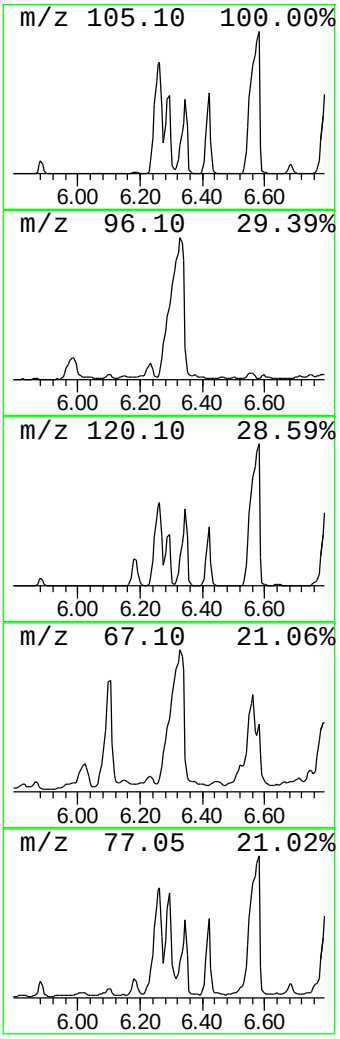
Peak Number 13 Benzene, 1,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	131.40 ng	5184520	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	60
2	Mesitylene	120	C9H12	000108-67-8	60
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	55
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	50
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	46





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Instrument : BNA_F
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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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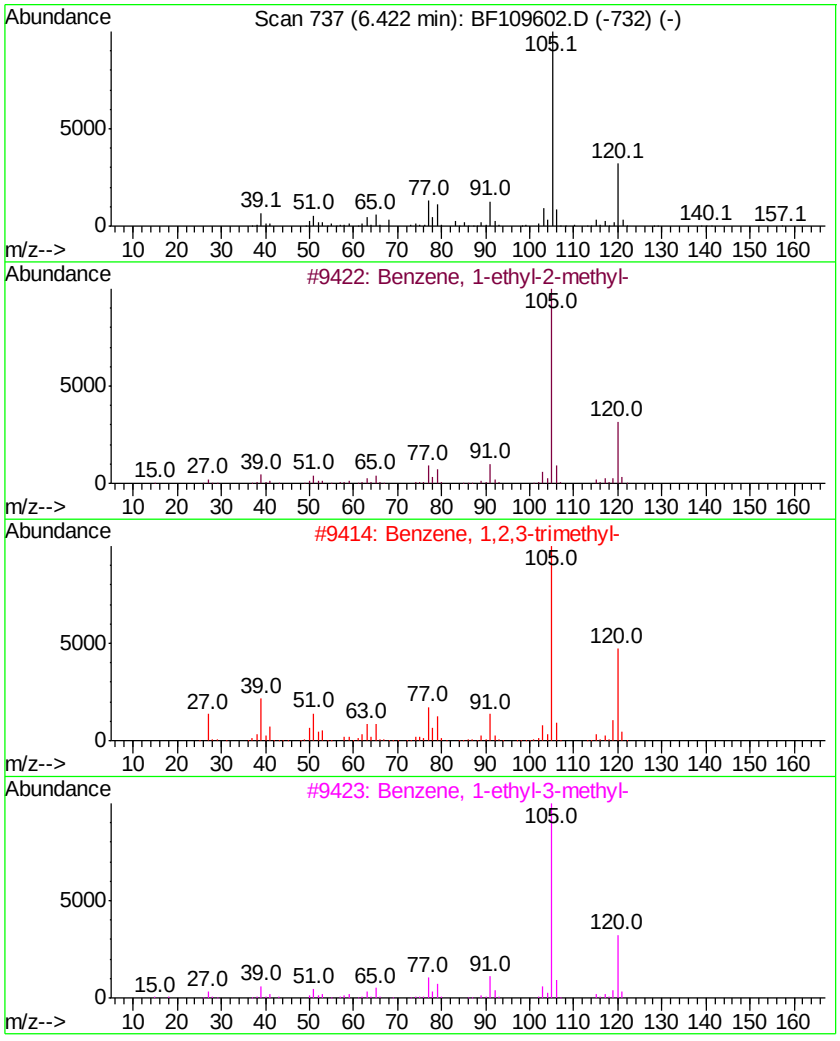
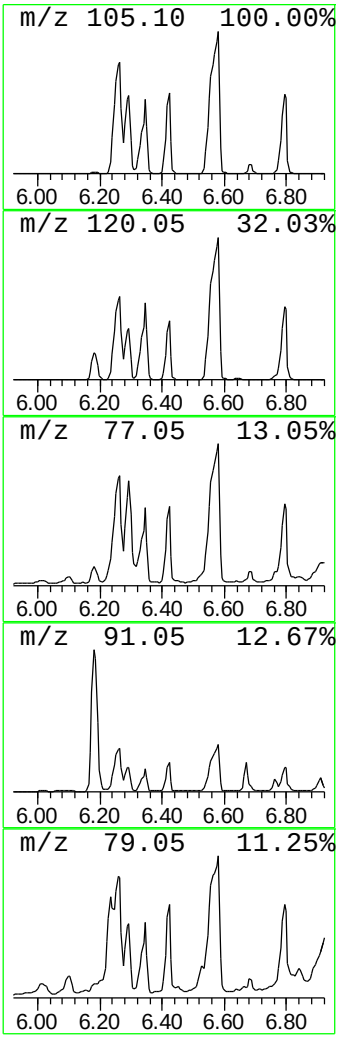
Peak Number 14 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	91.87 ng	3624800	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
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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Sample : J5214-04 10X
Misc :
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Instrument : BNA_F
ClientSampleId : N48719

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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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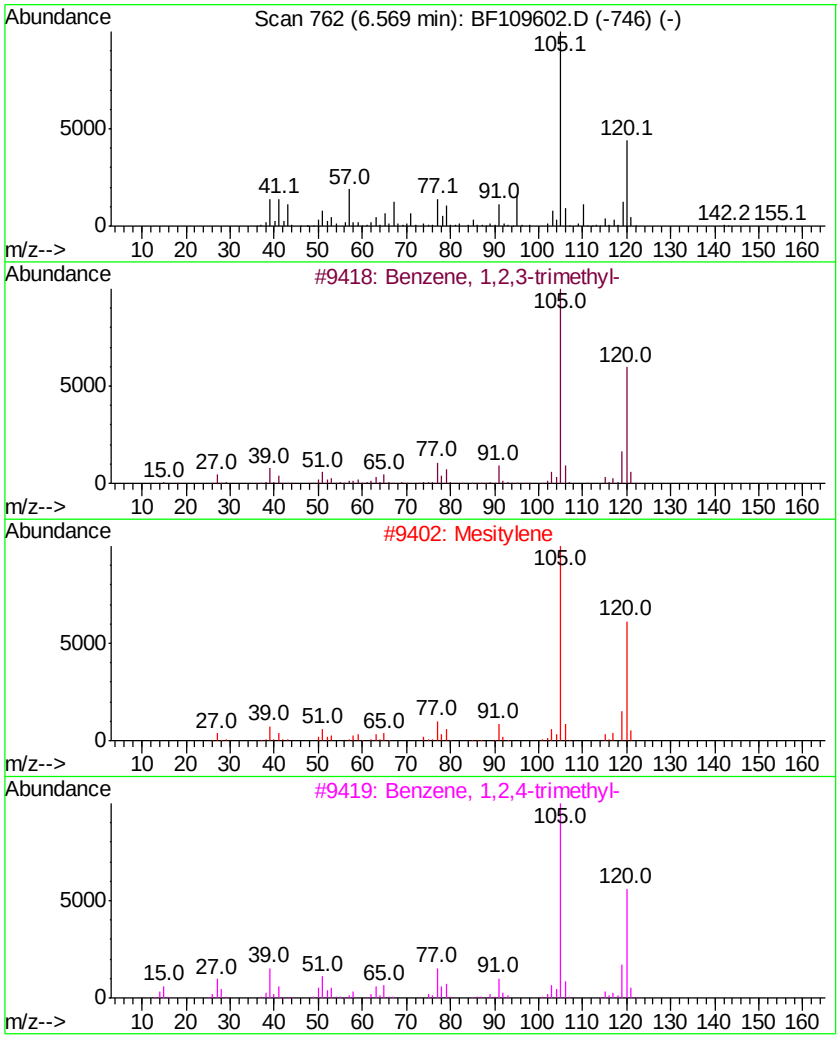
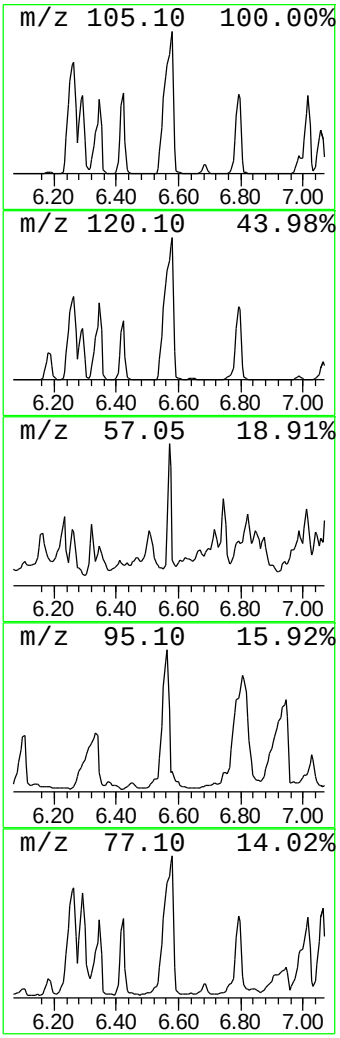
Peak Number 15 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	501.96 ng	19805900	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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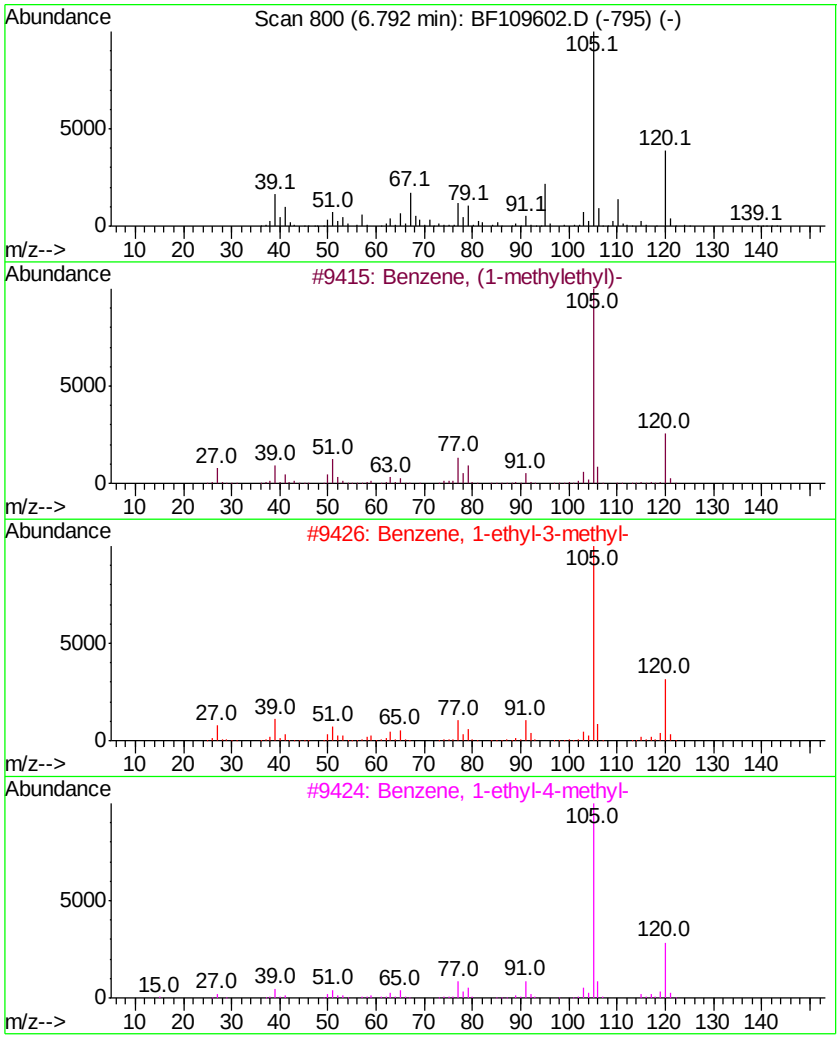
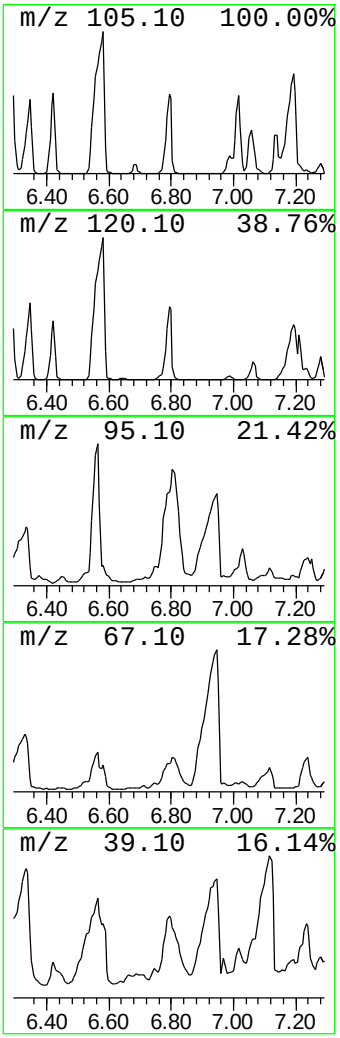
Peak Number 16 Benzene, (1-methylethyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	139.81 ng	5516520	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	64
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	62
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	62
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	62
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	58





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

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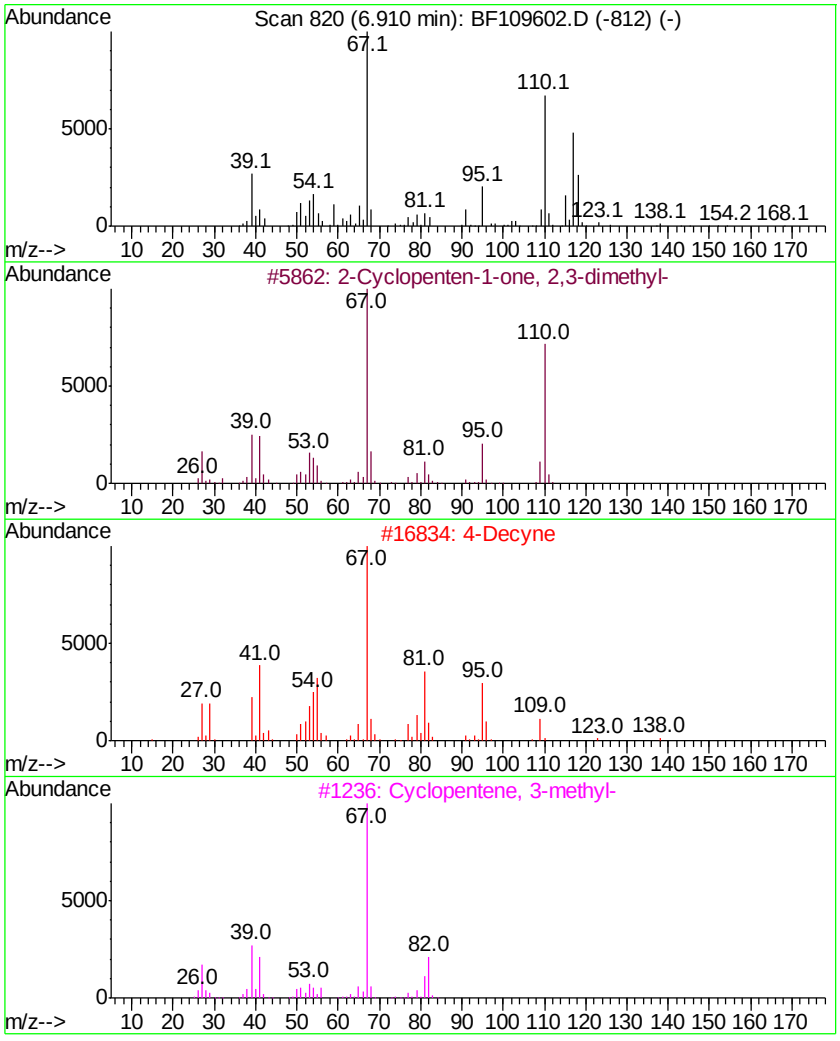
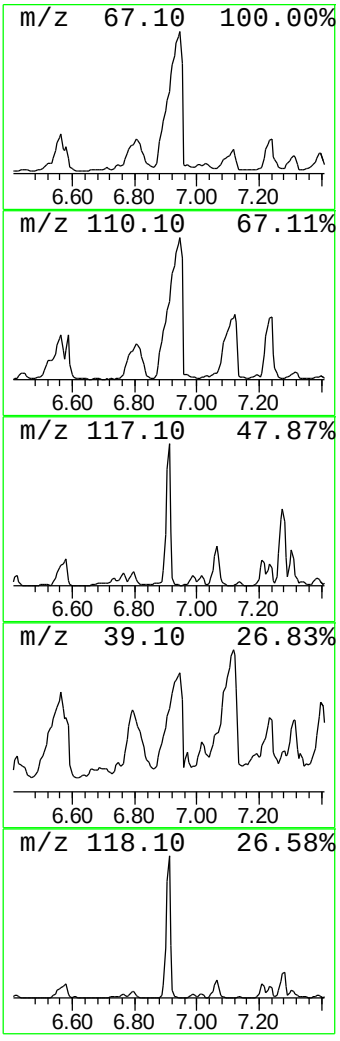
Peak Number 17 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	129.04 ng	5091410	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	53
2	4-Decyne	138	C10H18	002384-86-3	35
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	25
4	1,4-Pentadiene, 2-methyl-	82	C6H10	000763-30-4	25
5	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	25





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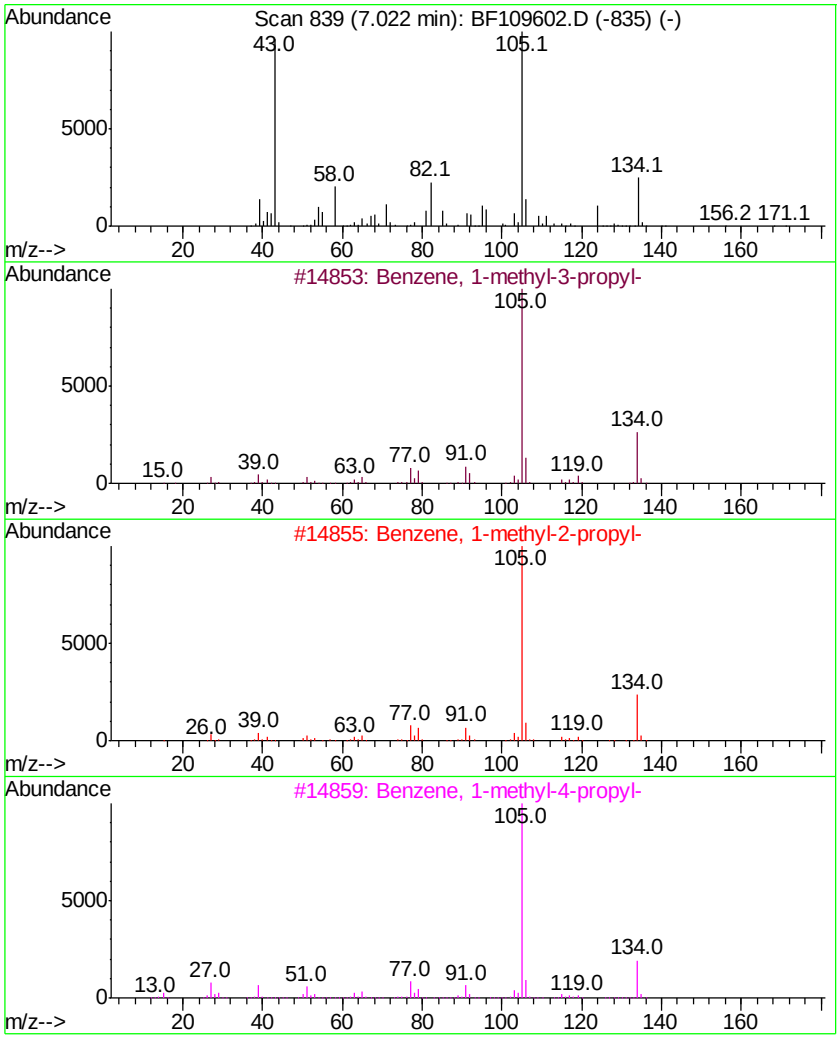
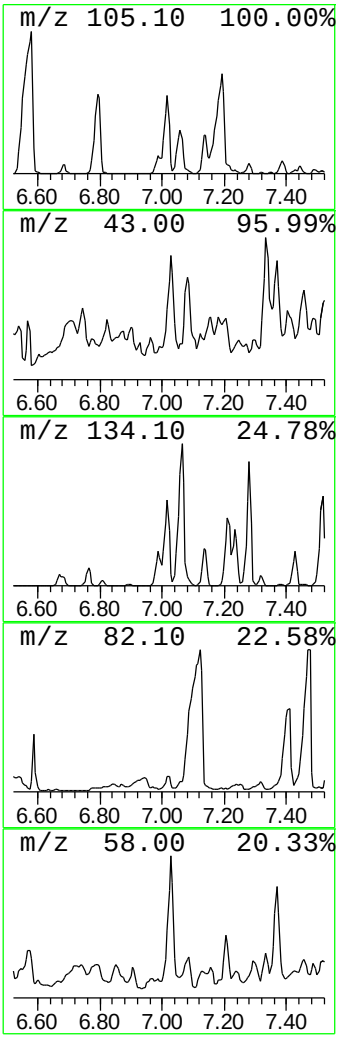
Peak Number 18 Benzene, 1-methyl-3-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	62.77 ng	2476830	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	76
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	76
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	68
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	53
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	50





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

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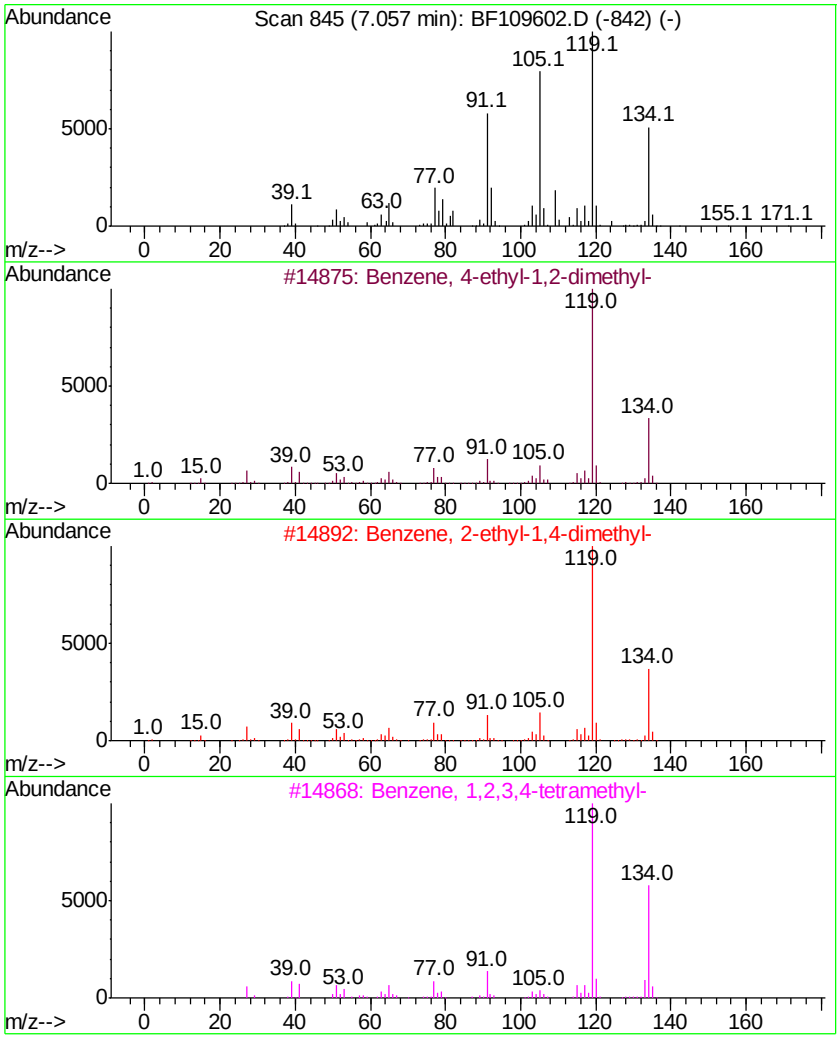
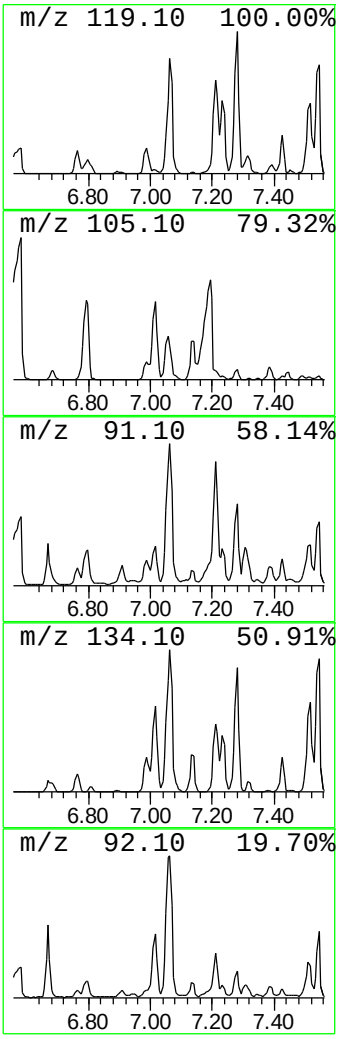
Peak Number 19 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	112.25 ng	4429190	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
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	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109602.D
Acq On : 4 Oct 2018 22:03
Operator : JU/SJ
Sample : J5214-04 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N48719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

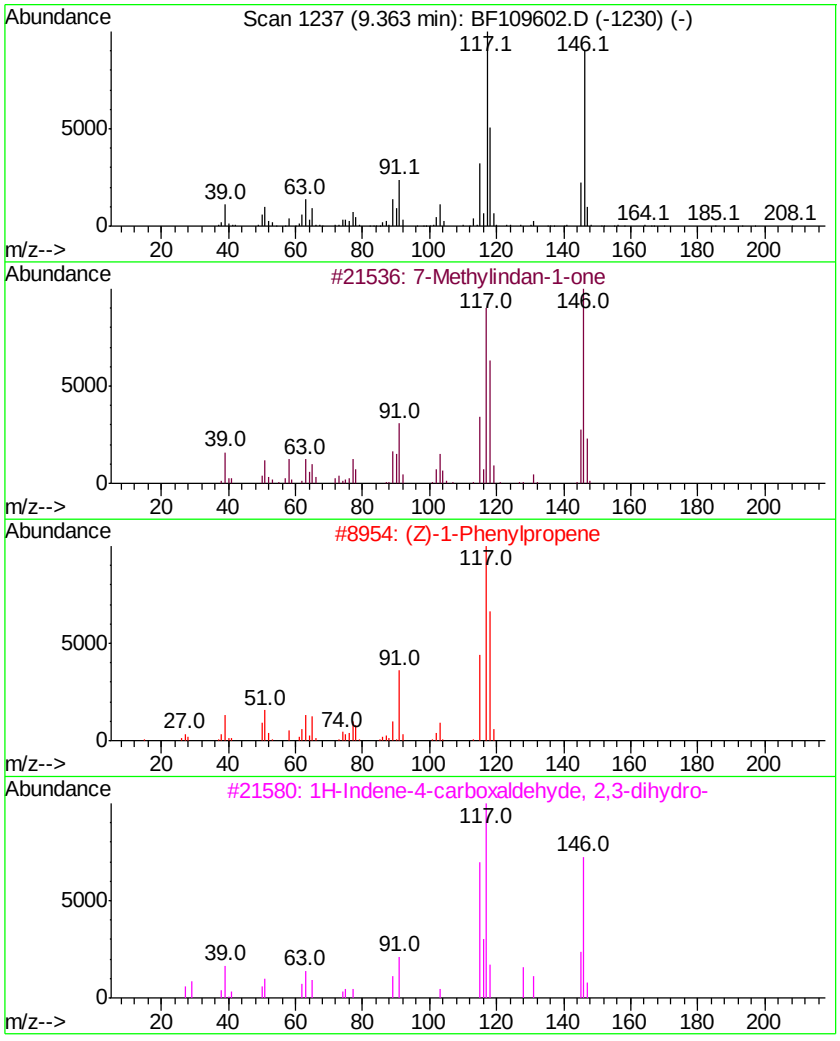
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

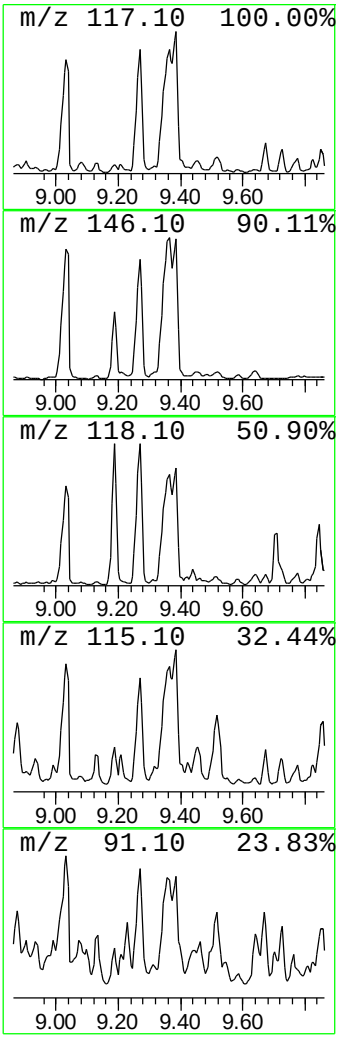
****

Peak Number 20 7-Methylindan-1-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	88.39 ng	5610250	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylindan-1-one	146	C10H10O	039627-61-7	90
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	84
3	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	68
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100418\
Data File : BF109602.D
Acq On : 4 Oct 2018 22:03
Operator : JU/SJ
Sample : J5214-04 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N48719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
2-Hexanone	4.12	106.3	ng	4194700	1	6.73	789146	20.0
3-Penten-2-one, 4...	4.25	108.0	ng	4262710	1	6.73	789146	20.0
3-Penten-2-one, 3...	4.86	119.0	ng	4695430	1	6.73	789146	20.0
3-Hexen-2-one	4.92	107.4	ng	4236380	1	6.73	789146	20.0
Ethylbenzene	5.17	76.1	ng	3003110	1	6.73	789146	20.0
p-Xylene	5.30	271.6	ng	10714600	1	6.73	789146	20.0
unknown5.60	5.60	76.0	ng	3000580	1	6.73	789146	20.0
unknown5.99	5.99	62.2	ng	2452840	1	6.73	789146	20.0
Benzene, propyl-	6.18	82.7	ng	3264010	1	6.73	789146	20.0
Benzene, 1,2,4-tr...	6.29	131.4	ng	5184520	1	6.73	789146	20.0
Benzene, 1-ethyl-...	6.42	91.9	ng	3624800	1	6.73	789146	20.0
Benzene, 1,2,3-tr...	6.57	502.0	ng	19805900	1	6.73	789146	20.0
Benzene, (1-methy...	6.79	139.8	ng	5516520	1	6.73	789146	20.0
2-Cyclopenten-1-o...	6.91	129.0	ng	5091410	1	6.73	789146	20.0
Benzene, 1-methyl...	7.02	62.8	ng	2476830	1	6.73	789146	20.0
Benzene, 4-ethyl-...	7.06	112.3	ng	4429190	1	6.73	789146	20.0
7-Methylindan-1-one	9.36	88.4	ng	5610250	3	9.76	1269450	20.0