LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104141.D
Acq On : 2 Apr 2018 17:52
Operator : JU/SJ
Sample : J2173-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW24D-GW

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:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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	2.263	25	30	38	rVB	253908	324029	3.25%	0.829%
2	5.451	568	572	587	rBV	282739	420684	4.21%	1.076%
3	5.593	587	596	616	rVV2	477411	966906	9.69%	2.474%
4	5.810	629	633	640	rBV	119208	128294	1.29%	0.328%
5	6.592	763	766	772	rBV	246706	405743	4.06%	1.038%
6	6.734	786	790	795	rBV	1577273	1863041	18.66%	4.767%
7	6.775	795	797	802	rVV	267650	328564	3.29%	0.841%
8	6.816	802	804	816	rVB	71813	131453	1.32%	0.336%
9	6.957	825	828	835	rBV	370657	518560	5.19%	1.327%
10	7.116	851	855	857	rBV	1906524	2149814	21.53%	5.501%
11	7.134	857	858	867	rVV	1851413	1612497	16.15%	4.126%
12	7.216	869	872	879	rVB	216464	250456	2.51%	0.641%
13	7.528	920	925	934	rBV	1081099	1508307	15.11%	3.859%
14	7.598	934	937	943	rVB	179305	173111	1.73%	0.443%
15	7.657	943	947	951	rBV	275126	366579	3.67%	0.938%
16	7.969	997	1000	1006	rBV2	177581	267204	2.68%	0.684%
17	8.016	1006	1008	1010	rBV	103304	107501	1.08%	0.275%
18	8.281	1041	1053	1057	rBV	5639718	9983250	100.00%	25.545%
19	8.322	1057	1060	1071	rVV	898222	1458210	14.61%	3.731%
20	8.410	1073	1075	1083	rVB3	56747	100471	1.01%	0.257%
21	8.957	1164	1168	1174	rBV3	100887	164826	1.65%	0.422%
22	9.051	1180	1184	1195	rBV	1116349	1061728	10.64%	2.717%
23	9.316	1224	1229	1243	rBV	2721734	3230392	32.36%	8.266%
24	9.416	1243	1246	1256	rVV	214995	311702	3.12%	0.798%
25	9.581	1269	1274	1279	rBV	155256	251376	2.52%	0.643%
26	9.651	1283	1286	1290	rVV	238225	268377	2.69%	0.687%
27	9.769	1303	1306	1315	rVB	97761	148019	1.48%	0.379%
28	9.998	1342	1345	1348	rBV	917348	838724	8.40%	2.146%
29	10.028	1348	1350	1355	rVB	734387	716159	7.17%	1.832%
30	10.204	1376	1380	1394	rVB	373993	542808	5.44%	1.389%
31	10.551	1435	1439	1445	rBV	410077	480916	4.82%	1.231%
32	10.792	1473	1480	1492	rVV	1456505	1866228	18.69%	4.775%
33	11.092	1527	1531	1535	rBV3	142058	191210	1.92%	0.489%
34	11.463	1591	1594	1596	rBV	127029	111980	1.12%	0.287%

LSC Area Percent Report

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Sample : J2173-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW24D-GW

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:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.492	1596	1599	1601	rVV	705568	667511	6.69%	1.708%
36	11.516	1601	1603	1610	rVV	713271	799811	8.01%	2.047%
37	11.733	1638	1640	1646	rVB	135708	190989	1.91%	0.489%
38	12.110	1697	1704	1711	rVB2	88782	162547	1.63%	0.416%
39	12.216	1719	1722	1729	rBV	108728	111058	1.11%	0.284%
40	12.710	1803	1806	1810	rBV	100434	112878	1.13%	0.289%
41	12.945	1840	1846	1857	rVB	88893	143815	1.44%	0.368%
42	13.074	1864	1868	1883	rBV	1854886	2244655	22.48%	5.744%
43	13.951	2014	2017	2023	rBV	112028	117237	1.17%	0.300%
44	14.151	2047	2051	2062	rBV	489326	665822	6.67%	1.704%
45	15.692	2308	2313	2326	rVB	380880	615936	6.17%	1.576%

Sum of corrected areas: 39081378

LSC Report - Integrated Chromatogram

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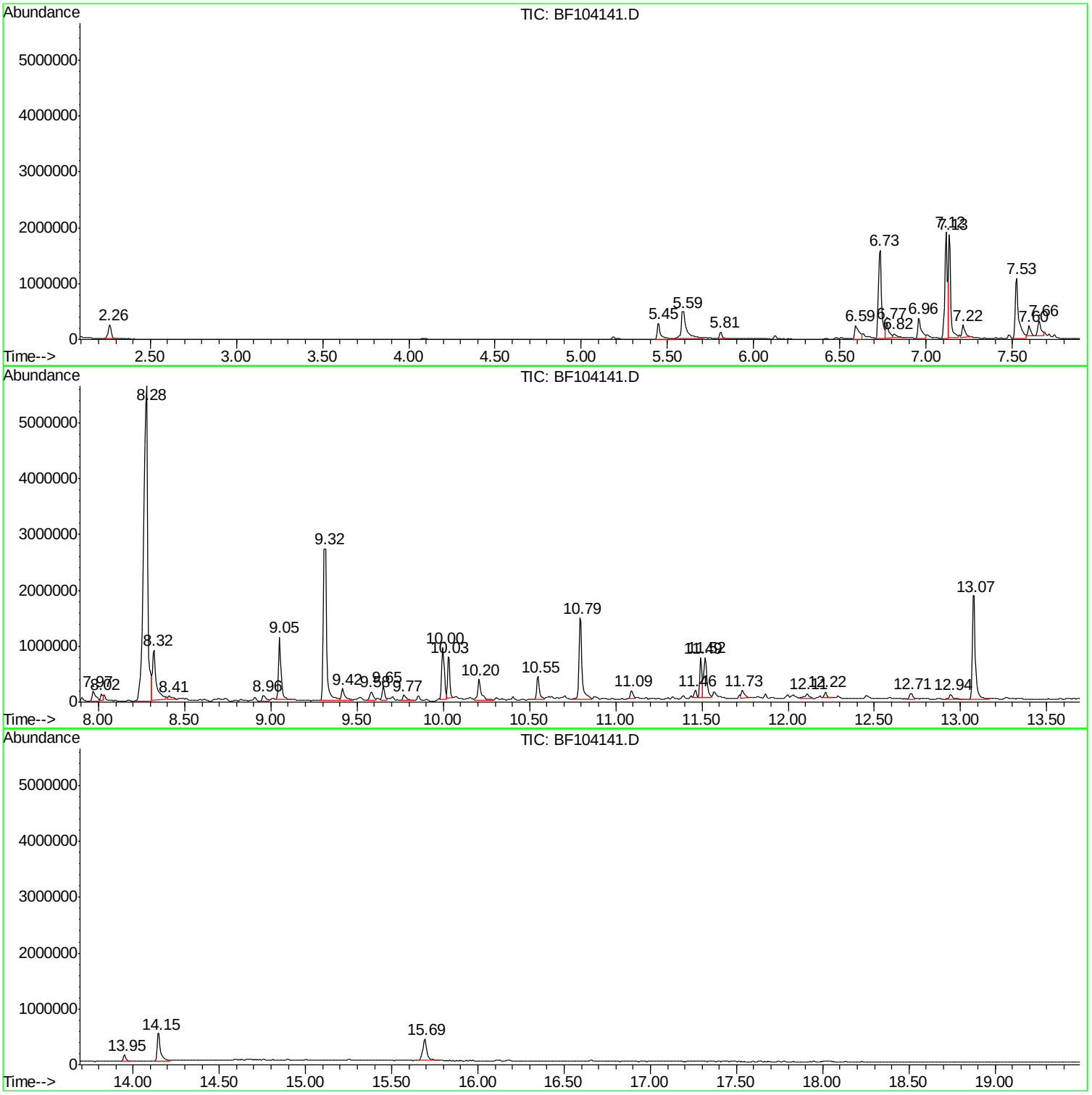
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104141.D
Acq On : 2 Apr 2018 17:52
Operator : JU/SJ
Sample : J2173-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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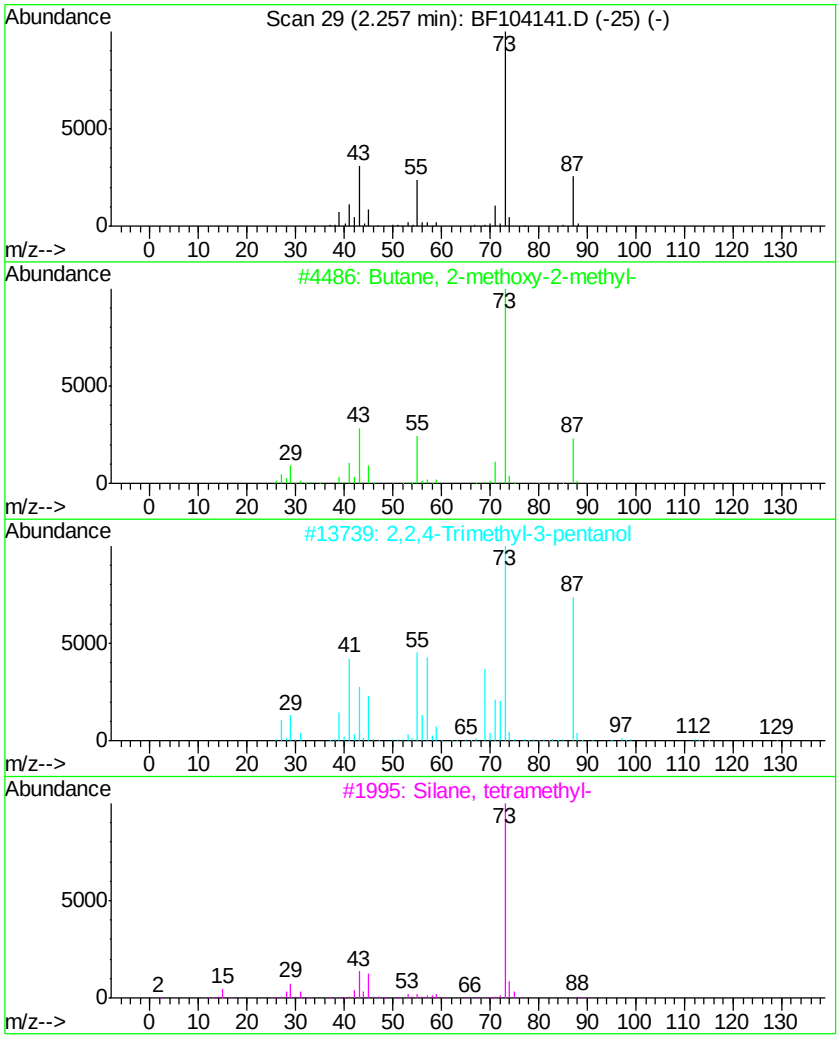
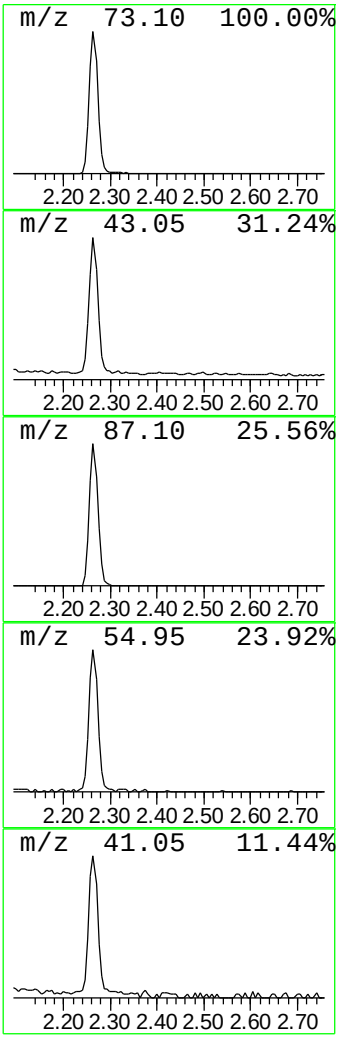
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	12.50 ng	324029	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

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Acq On : 2 Apr 2018 17:52
Operator : JU/SJ
Sample : J2173-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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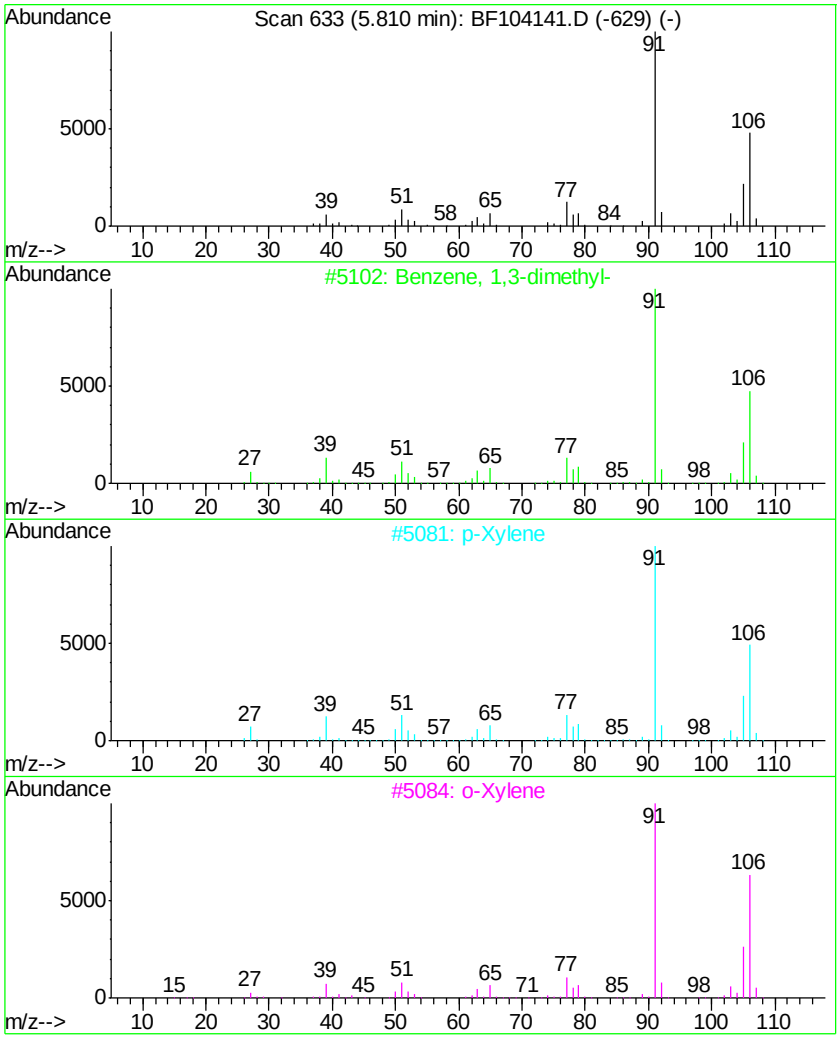
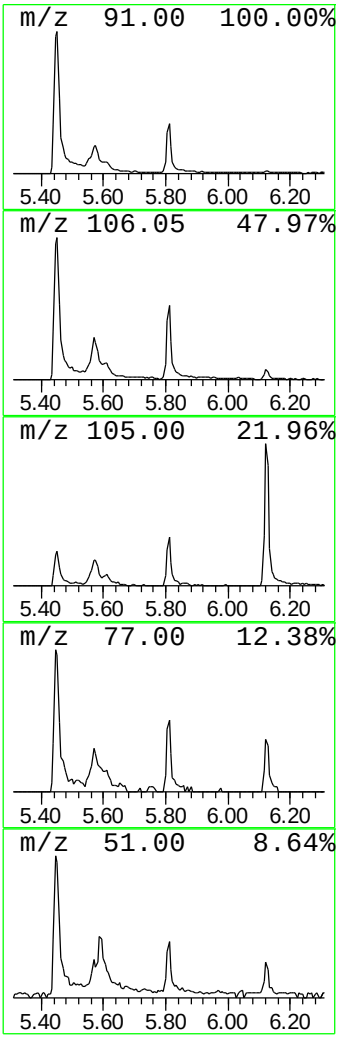
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.81	4.95 ng	128294	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	95
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	86
5	Ethylbenzene	106	C8H10	000100-41-4	81





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
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Operator : JU/SJ
Sample : J2173-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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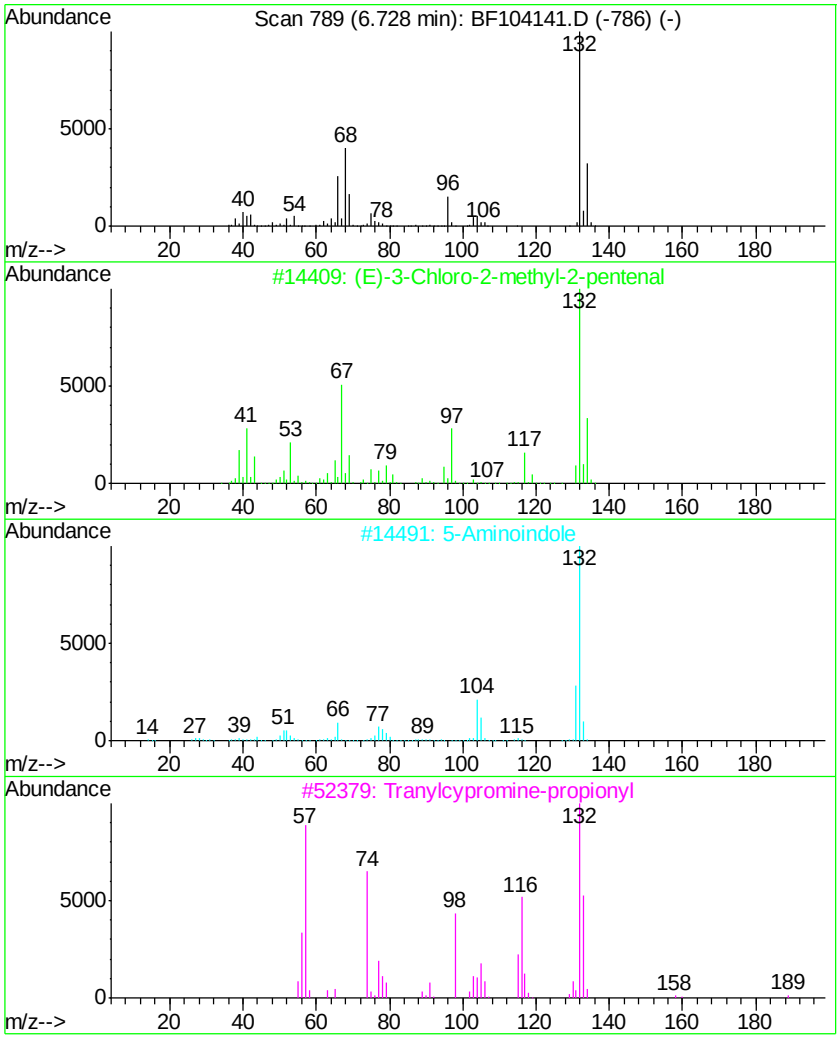
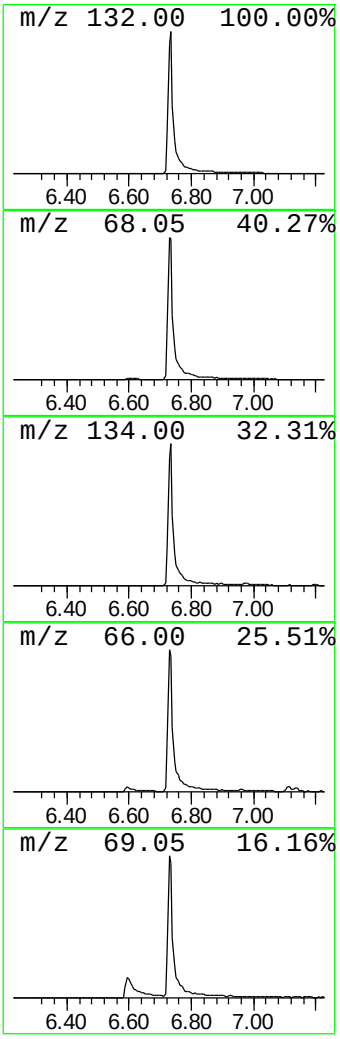
Peak Number 4 unknown6.73 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	71.85 ng	1863040	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Instrument : BNA_F
ClientSampleId : QNWP8-MW24D-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
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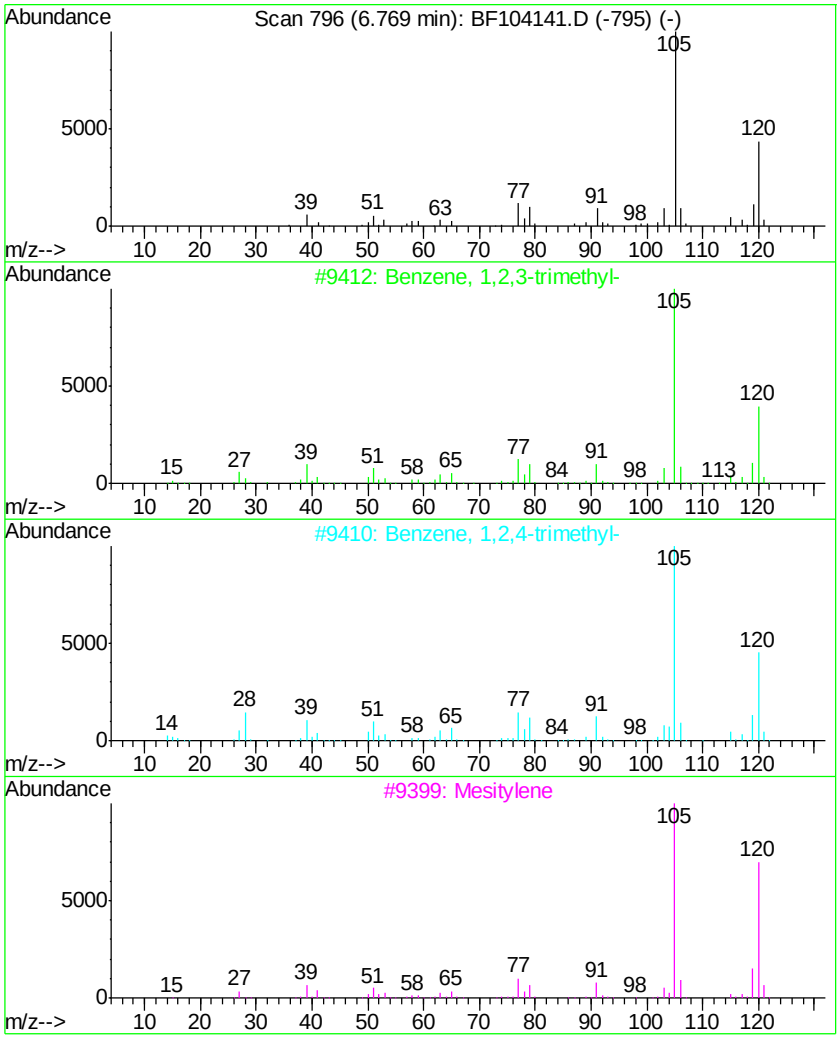
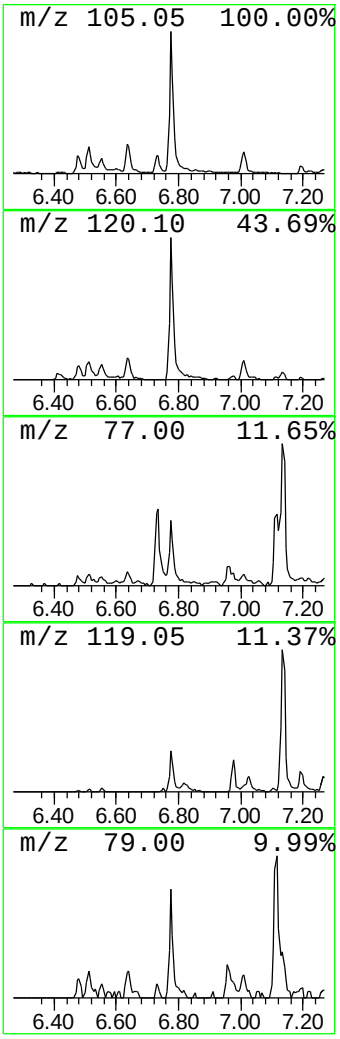
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	12.67 ng	328564	1,4-Dichlorobenzene-d4	6.96

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	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
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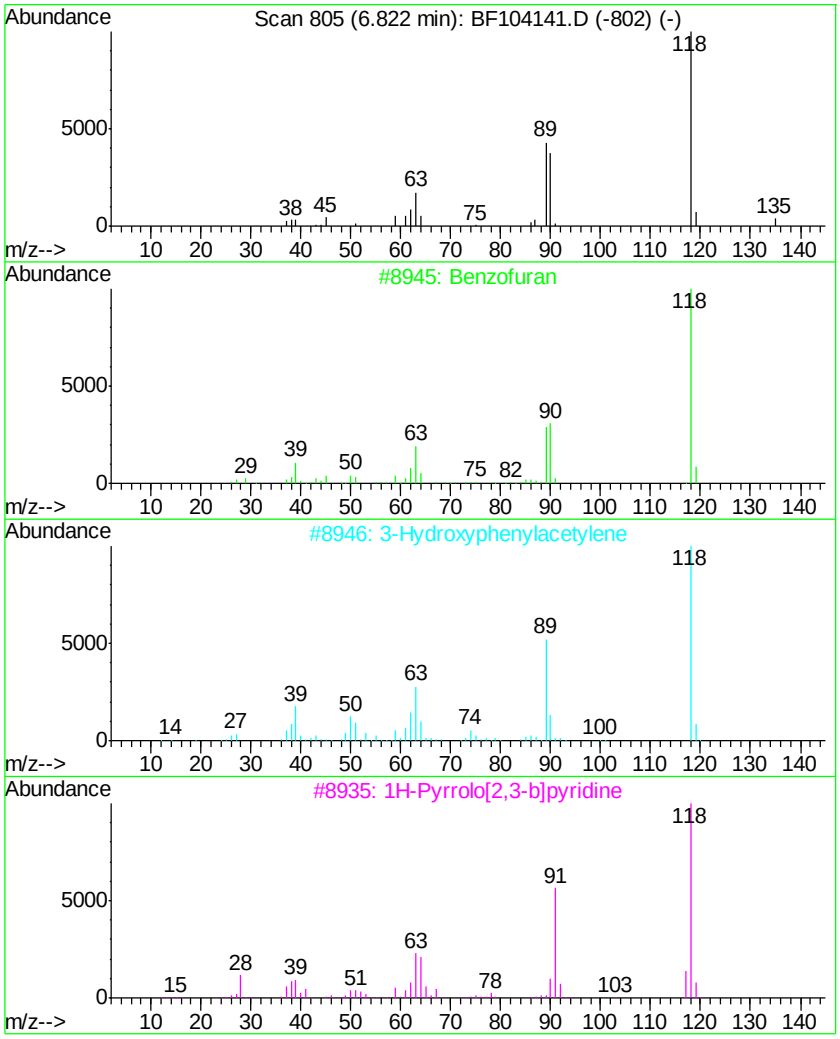
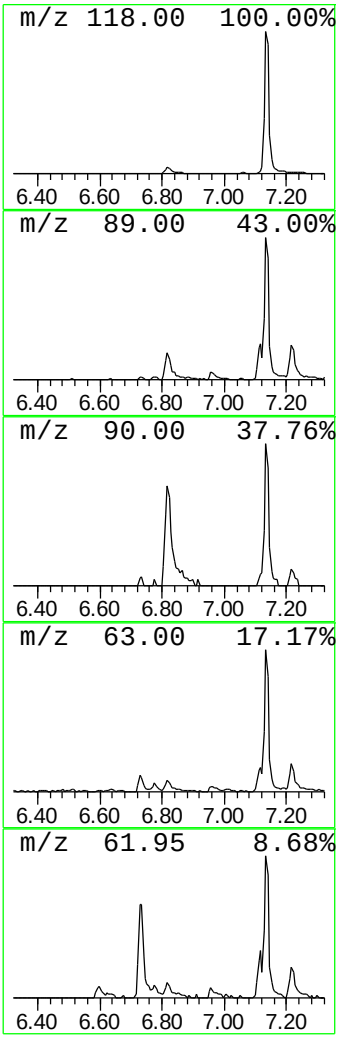
Peak Number 6 Benzofuran Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	5.07 ng	131453	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	78
3	1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	53
4	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	53
5	3-Pyridineacetonitrile	118	C7H6N2	006443-85-2	50





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Peak Number 8 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	62.19 ng	1612500	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	49