LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102366.D
Acq On : 24 Jan 2018 2:15
Operator : SJ/JU
Sample : J1236-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-2

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-BF012218.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	2.716	90	107	114	rBV	503026	1342370	3.57%	0.330%
2	3.246	182	197	205	rBV3	169692	414945	1.10%	0.102%
3	3.640	251	264	274	rVV4	335090	904413	2.41%	0.223%
4	3.793	282	290	296	rVV	263535	543100	1.44%	0.134%
5	3.957	307	318	322	rBV2	822016	1468555	3.91%	0.361%
6	4.004	322	326	331	rVB	336917	467359	1.24%	0.115%
7	4.110	336	344	348	rBV2	369789	626942	1.67%	0.154%
8	4.169	348	354	361	rVB3	316181	578244	1.54%	0.142%
9	4.310	369	378	387	rVB4	1126090	2408476	6.41%	0.593%
10	4.416	387	396	402	rBV	678356	903751	2.40%	0.222%
11	4.740	442	451	455	rBV	1116040	1571448	4.18%	0.387%
12	4.787	455	459	461	rBV2	499117	620161	1.65%	0.153%
13	4.822	461	465	466	rVV2	1143671	1399937	3.72%	0.344%
14	4.840	466	468	473	rVV	1407813	1610909	4.28%	0.396%
15	4.898	473	478	482	rVV	1676207	2067846	5.50%	0.509%
16	4.946	482	486	487	rVV2	341364	515559	1.37%	0.127%
17	4.963	487	489	493	rVV2	402203	409911	1.09%	0.101%
18	5.104	507	513	521	rBV	1648415	2760887	7.34%	0.679%
19	5.193	521	528	540	rVV	6191947	10804506	28.74%	2.659%
20	5.340	540	553	557	rVV	8038633	28005727	74.49%	6.892%
21	5.375	557	559	561	rVV	562661	469008	1.25%	0.115%
22	5.404	561	564	566	rVV	813807	736053	1.96%	0.181%
23	5.428	566	568	573	rVV2	1122092	1591405	4.23%	0.392%
24	5.481	573	577	581	rVV3	1202151	1801636	4.79%	0.443%
25	5.522	581	584	587	rVV	1635950	1872455	4.98%	0.461%
26	5.569	587	592	598	rVV2	4719631	6770153	18.01%	1.666%
27	5.622	598	601	608	rVB2	927269	1381269	3.67%	0.340%
28	5.734	613	620	624	rBV3	2140852	4058446	10.79%	0.999%
29	5.793	624	630	639	rBV5	1834952	6176742	16.43%	1.520%
30	5.916	639	651	657	rBV2	7284641	22601647	60.12%	5.562%
31	5.981	657	662	667	rBV2	4190652	7586066	20.18%	1.867%
32	6.028	667	670	675	rVB2	1388797	1972320	5.25%	0.485%
33	6.210	689	701	707	rBV	6992216	29495959	78.45%	7.258%
34	6.322	707	720	722	rVV3	8131549	37597236	100.00%	9.252%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102366.D
Acq On : 24 Jan 2018 2:15
Operator : SJ/JU
Sample : J1236-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-2

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-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.393	726	732	734	rVV	7582047	17918395	47.66%	4.409%
36	6.416	734	736	737	rVV2	1772751	1634730	4.35%	0.402%
37	6.469	737	745	747	rVV2	7663514	18875865	50.21%	4.645%
38	6.492	747	749	751	rVV2	2342347	2659549	7.07%	0.654%
39	6.522	751	754	758	rVV2	2951774	4699020	12.50%	1.156%
40	6.622	758	771	773	rVV	7741390	29412495	78.23%	7.238%
41	6.640	773	774	776	rVV	997397	645673	1.72%	0.159%
42	6.663	776	778	779	rVV2	908492	934924	2.49%	0.230%
43	6.681	779	781	782	rVV	2301194	2033165	5.41%	0.500%
44	6.698	782	784	787	rVV	3042337	3038333	8.08%	0.748%
45	6.740	787	791	793	rVV4	1944338	2979651	7.93%	0.733%
46	6.769	793	796	798	rVV2	3386885	3328815	8.85%	0.819%
47	6.834	798	807	809	rVV2	7388884	19646896	52.26%	4.835%
48	6.940	813	825	828	rVB3	6922362	16730174	44.50%	4.117%
49	6.998	828	835	836	rBV	6661664	10220116	27.18%	2.515%
50	7.016	836	838	840	rVB	3433586	2554373	6.79%	0.629%
51	7.063	840	846	852	rBV2	6486230	9830415	26.15%	2.419%
52	7.128	852	857	860	rBV2	2539019	3119332	8.30%	0.768%
53	7.198	865	869	871	rBV	2508184	2758751	7.34%	0.679%
54	7.222	871	873	876	rVB	2159510	1777361	4.73%	0.437%
55	7.287	876	884	885	rBV	6419505	11847508	31.51%	2.915%
56	7.310	885	888	894	rVB3	4741470	6188493	16.46%	1.523%
57	7.369	894	898	901	rVB4	1782141	2183490	5.81%	0.537%
58	7.410	901	905	908	rBV2	2787684	2986255	7.94%	0.735%
59	7.498	914	920	922	rBV	3955858	4367986	11.62%	1.075%
60	7.522	922	924	930	rVB	2667219	2675335	7.12%	0.658%
61	7.610	935	939	940	rBV3	670317	769821	2.05%	0.189%
62	7.657	943	947	948	rVV3	645913	676798	1.80%	0.167%
63	7.675	948	950	955	rVB	2072457	2284725	6.08%	0.562%
64	7.745	955	962	965	rBV2	4198822	5005724	13.31%	1.232%
65	7.839	977	978	981	rVB	739849	539669	1.44%	0.133%
66	7.875	981	984	987	rVB2	956014	921278	2.45%	0.227%
67	8.034	998	1011	1013	rBV3	3845741	6684351	17.78%	1.645%
68	8.163	1029	1033	1037	rBV2	510777	683692	1.82%	0.168%
69	8.234	1042	1045	1048	rBV	440478	489027	1.30%	0.120%
70	8.357	1062	1066	1068	rBV	439731	455148	1.21%	0.112%
71	8.545	1092	1098	1102	rVB2	667120	1271053	3.38%	0.313%

LSC Area Percent Report

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Data File : BF102366.D
Acq On : 24 Jan 2018 2:15
Operator : SJ/JU
Sample : J1236-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-2

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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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.592	1102	1106	1111	rVB4	305326	389371	1.04%	0.096%
73	8.710	1124	1126	1129	rVB	547544	414970	1.10%	0.102%
74	9.075	1183	1188	1192	rBV	3626729	3810899	10.14%	0.938%
75	9.186	1203	1207	1210	rBV2	277023	399502	1.06%	0.098%
76	9.522	1257	1264	1269	rVV	1000857	1496716	3.98%	0.368%
77	9.751	1298	1303	1306	rVV2	1282298	1164943	3.10%	0.287%
78	10.545	1431	1438	1441	rBV	2036579	2011323	5.35%	0.495%
79	11.233	1552	1555	1558	rBV	996534	990177	2.63%	0.244%
80	11.798	1648	1651	1654	rBV	1405763	1230900	3.27%	0.303%
81	12.674	1795	1800	1806	rVB	350298	406367	1.08%	0.100%
82	12.827	1820	1826	1829	rBV	2617458	2736284	7.28%	0.673%
83	13.857	1997	2001	2002	rBV	743697	756351	2.01%	0.186%
84	13.874	2002	2004	2007	rVB	727918	615102	1.64%	0.151%
85	14.892	2174	2177	2192	rVB3	358704	952121	2.53%	0.234%
86	15.298	2242	2246	2253	rVV	483214	638179	1.70%	0.157%

Sum of corrected areas: 406377032

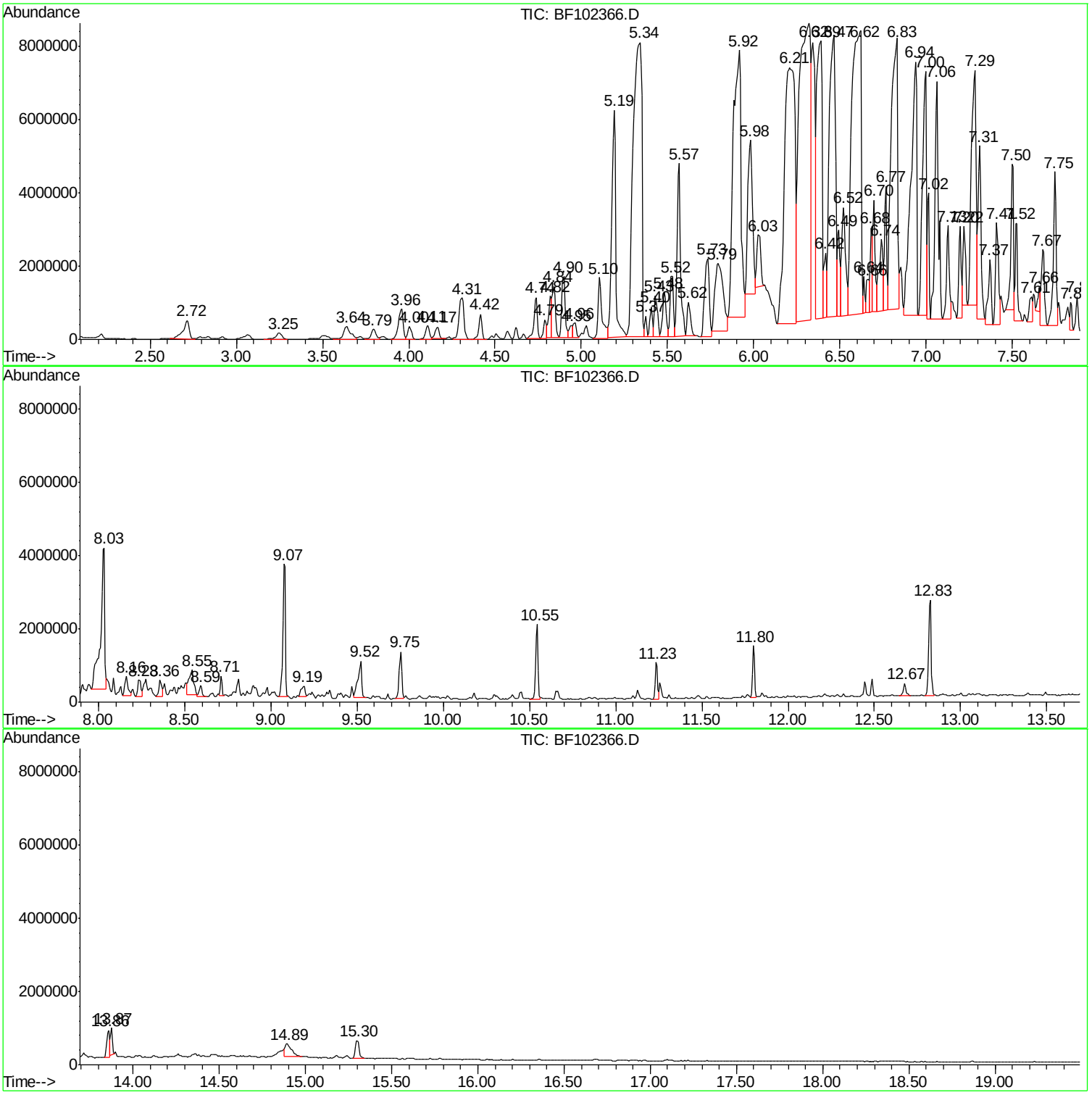
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102366.D
Acq On : 24 Jan 2018 2:15
Operator : SJ/JU
Sample : J1236-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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Data File : BF102366.D
Acq On : 24 Jan 2018 2:15
Operator : SJ/JU
Sample : J1236-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

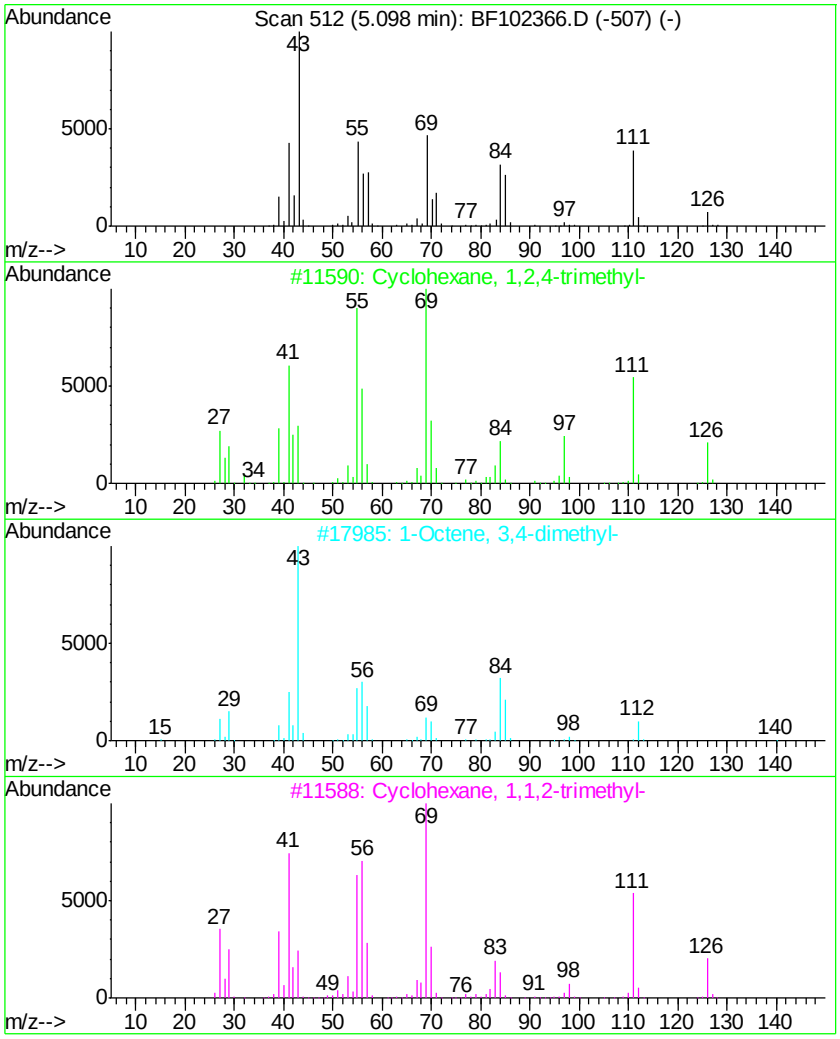
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

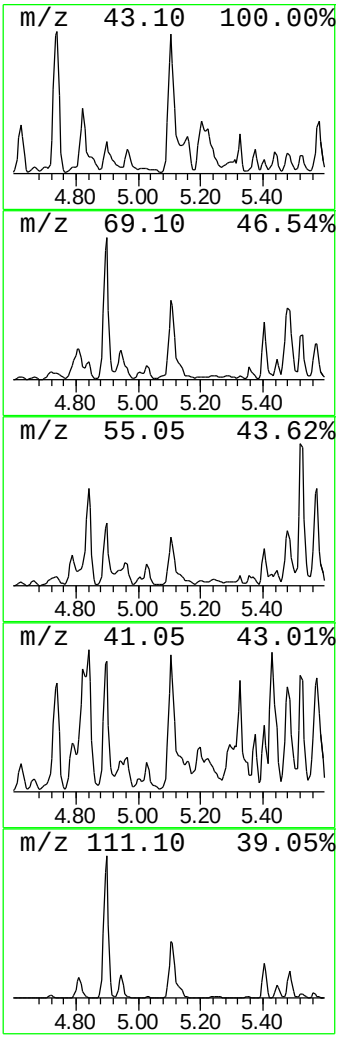
****

Peak Number 1 unknown5.10 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	18.53 ng	2760890	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49
2	1-Octene, 3,4-dimethyl-	140	C10H20	056728-11-1	43
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	43
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	38
5	2-Pyrazoline, 1-isopropyl-3-methyl-	126	C7H14N2	022581-48-2	38





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102366.D
Acq On : 24 Jan 2018 2:15
Operator : SJ/JU
Sample : J1236-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-2

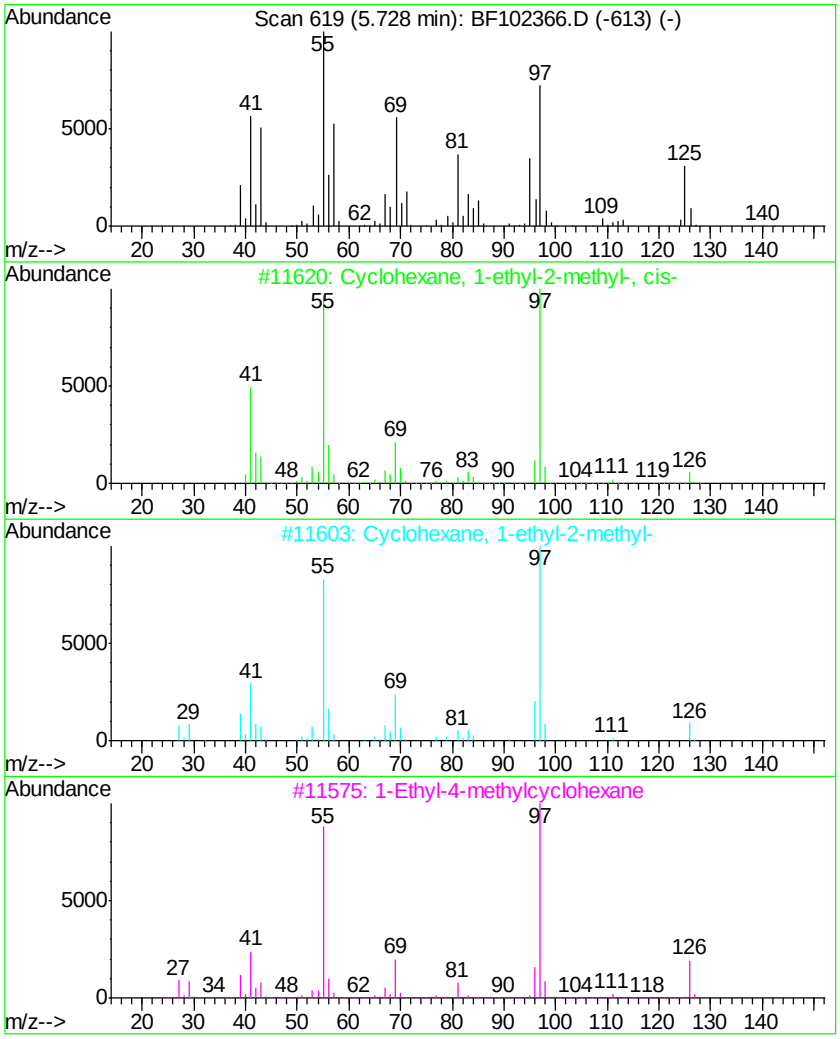
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

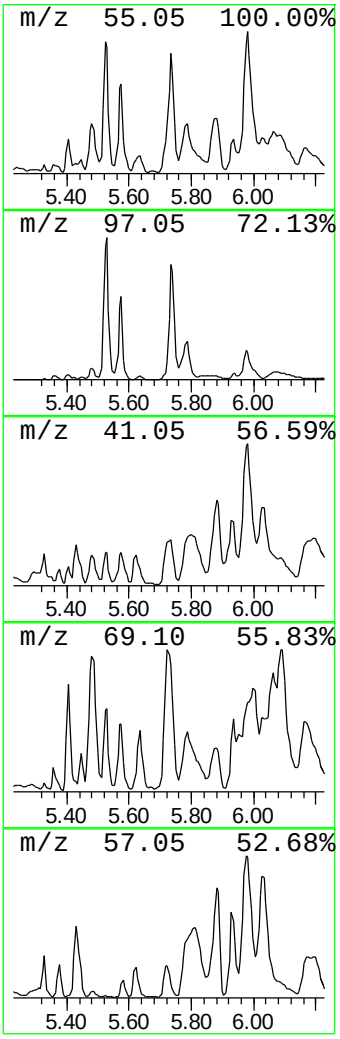
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	27.24 ng	4058450	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	87
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
4	Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	64
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102366.D
Acq On : 24 Jan 2018 2:15
Operator : SJ/JU
Sample : J1236-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

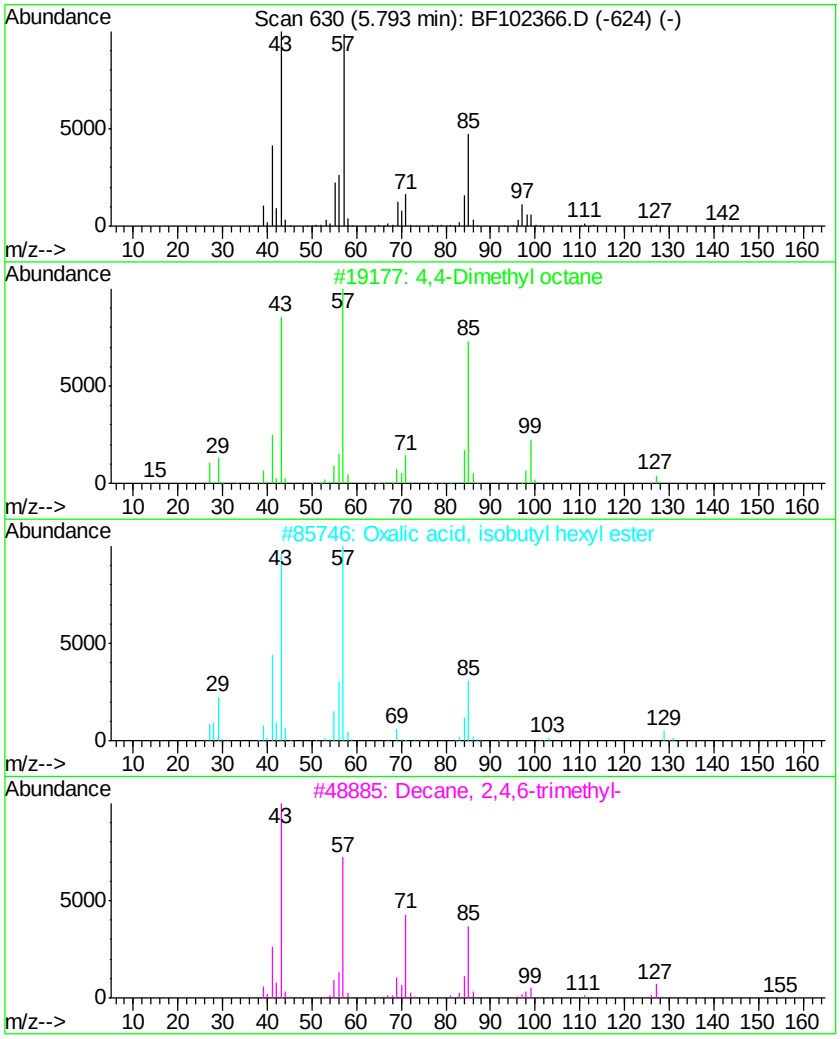
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

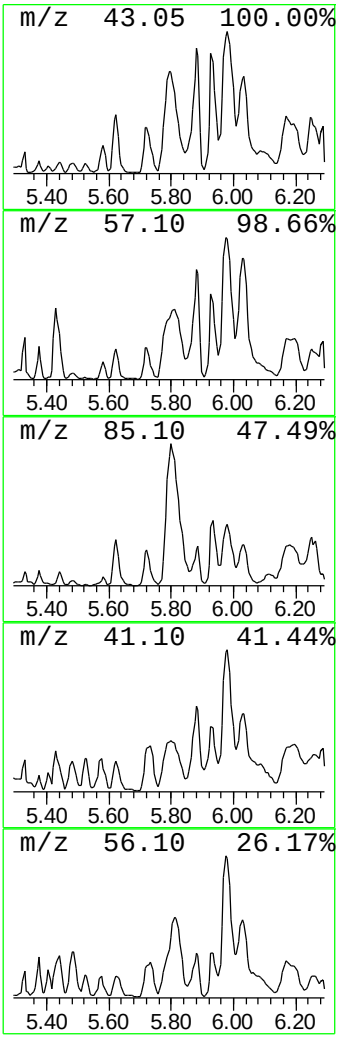
****

Peak Number 5 4,4-Dimethyl octane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	41.46 ng	6176740	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4-Dimethyl octane	142	C10H22	015869-95-1	64
2	Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	64
3	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	64
4	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	59
5	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	53





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102366.D
Acq On : 24 Jan 2018 2:15
Operator : SJ/JU
Sample : J1236-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

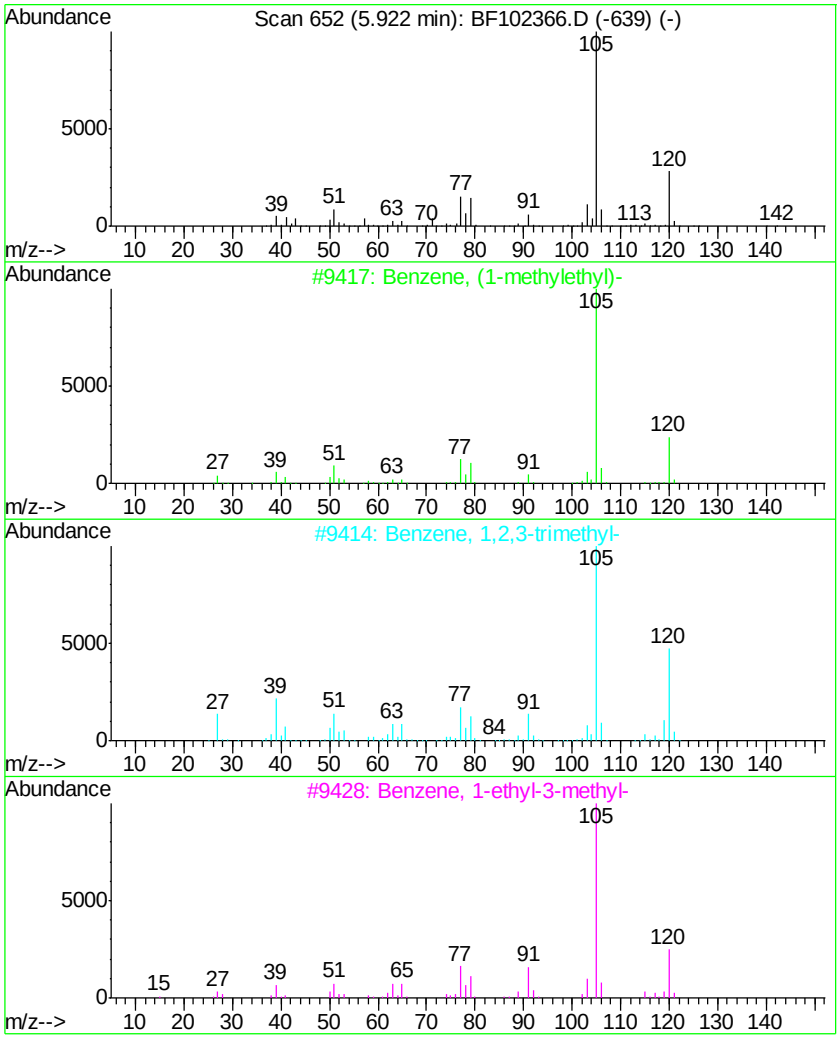
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

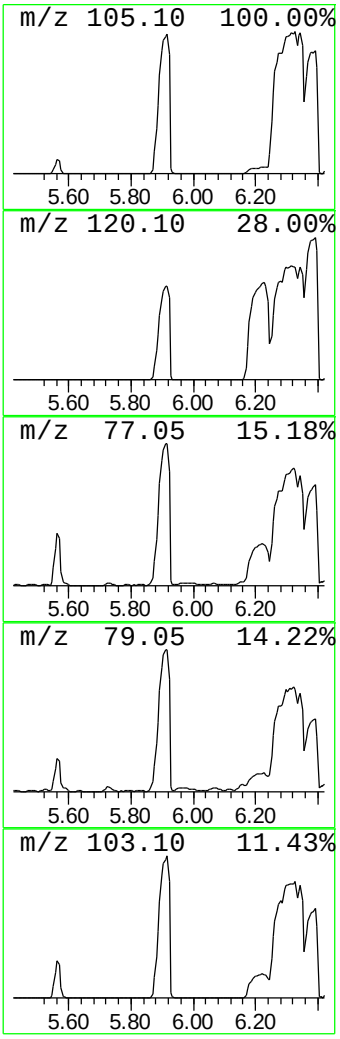
****

Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	151.71 ng	22601600	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102366.D
Acq On : 24 Jan 2018 2:15
Operator : SJ/JU
Sample : J1236-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-2

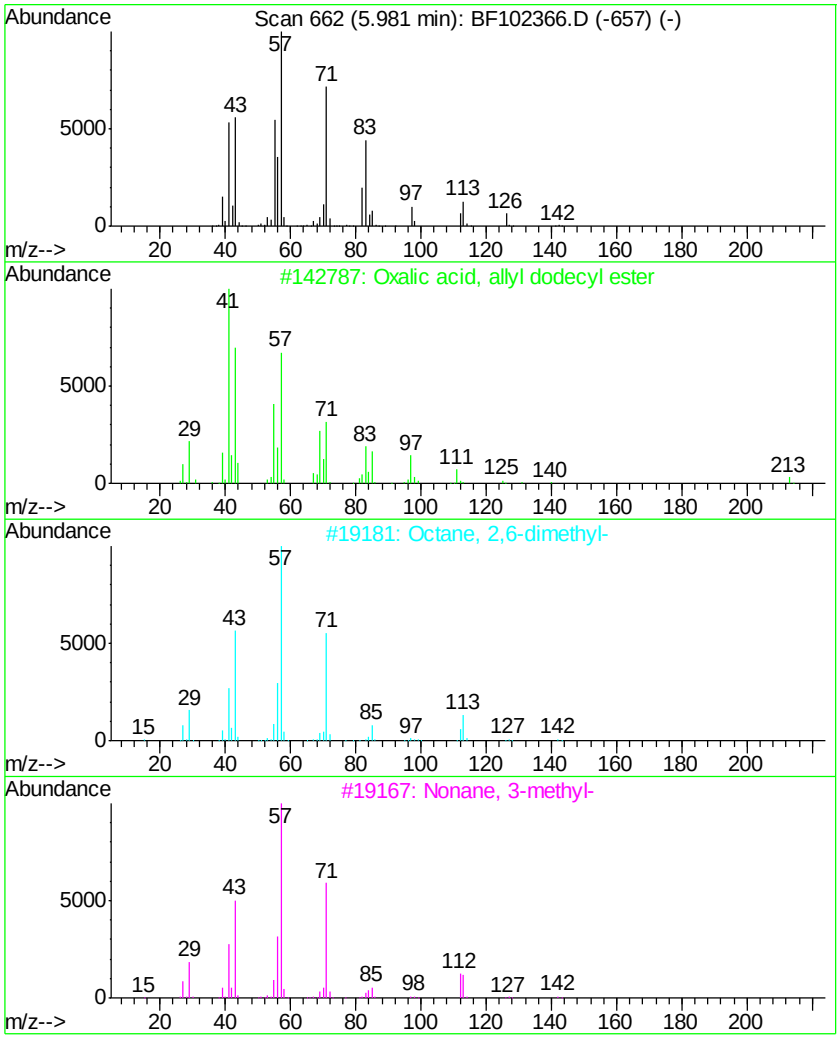
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

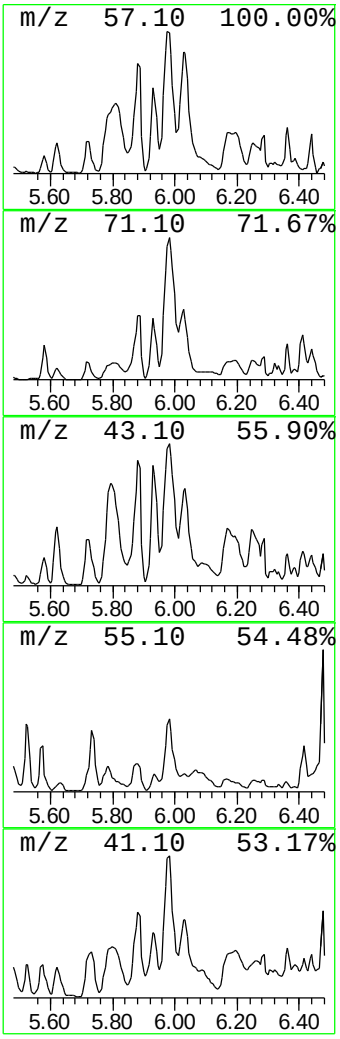
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Oxalic acid, allyl dodecyl ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	50.92 ng	7586070	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, allyl dodecyl ester	298	C17H30O4	1000309-24-0	59
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	55
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	50
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
5	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	43





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102366.D
Acq On : 24 Jan 2018 2:15
Operator : SJ/JU
Sample : J1236-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

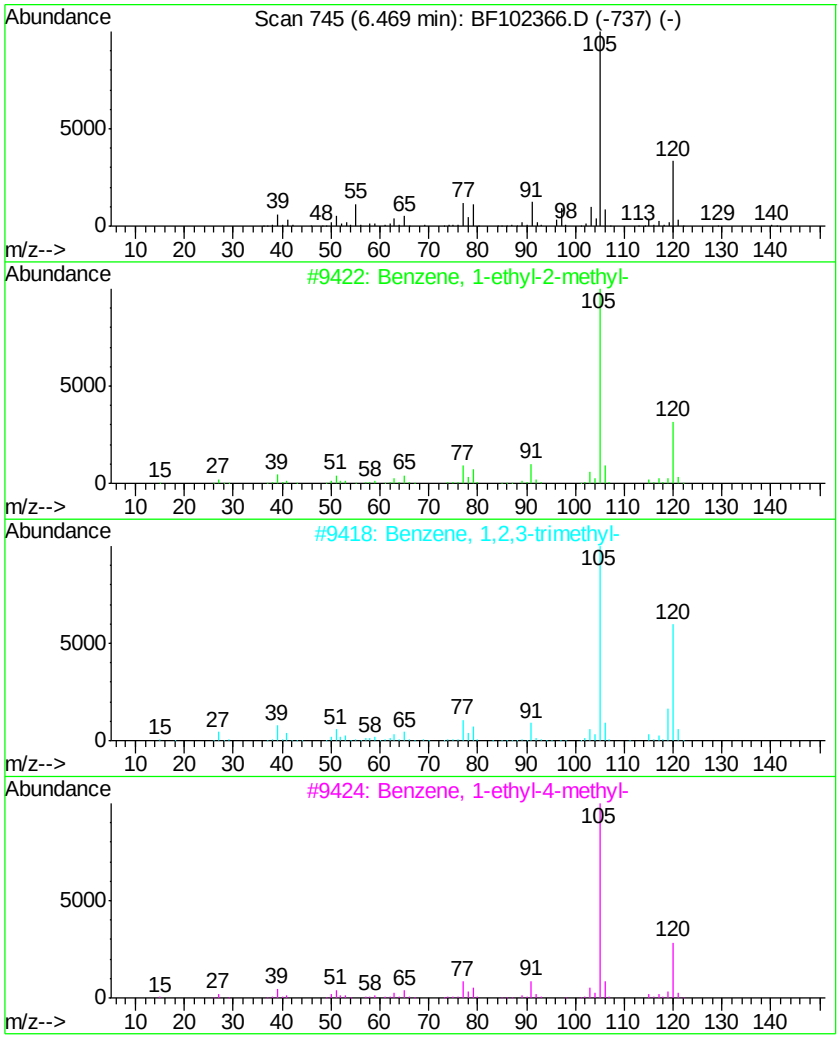
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

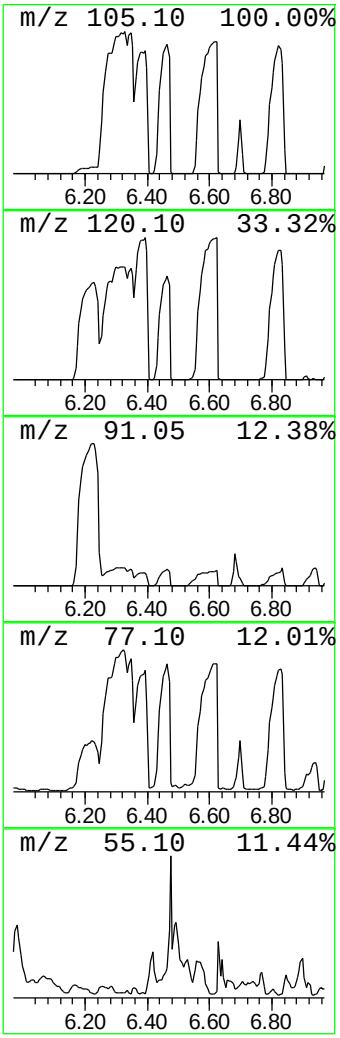
****

Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	126.70 ng	18875900	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

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Data File : BF102366.D
Acq On : 24 Jan 2018 2:15
Operator : SJ/JU
Sample : J1236-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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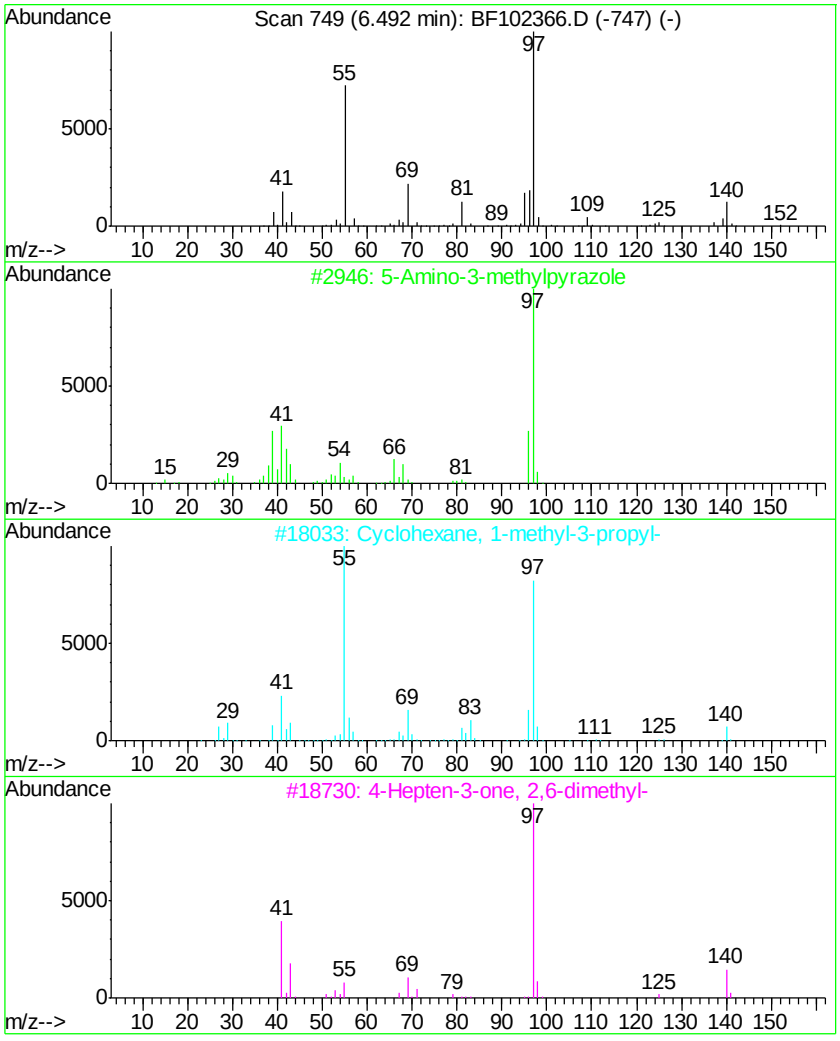
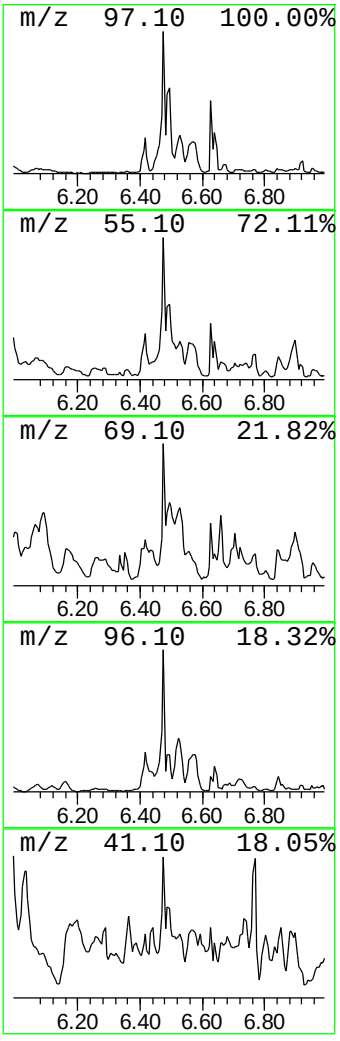
Peak Number 11 5-Amino-3-methylpyrazole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	17.85 ng	2659550	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Amino-3-methylpyrazole	97	C4H7N3	031230-17-8	50
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	50
3	4-Hepten-3-one, 2,6-dimethyl-	140	C9H16O	056259-14-4	50
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	45
5	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	45





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Acq On : 24 Jan 2018 2:15
Operator : SJ/JU
Sample : J1236-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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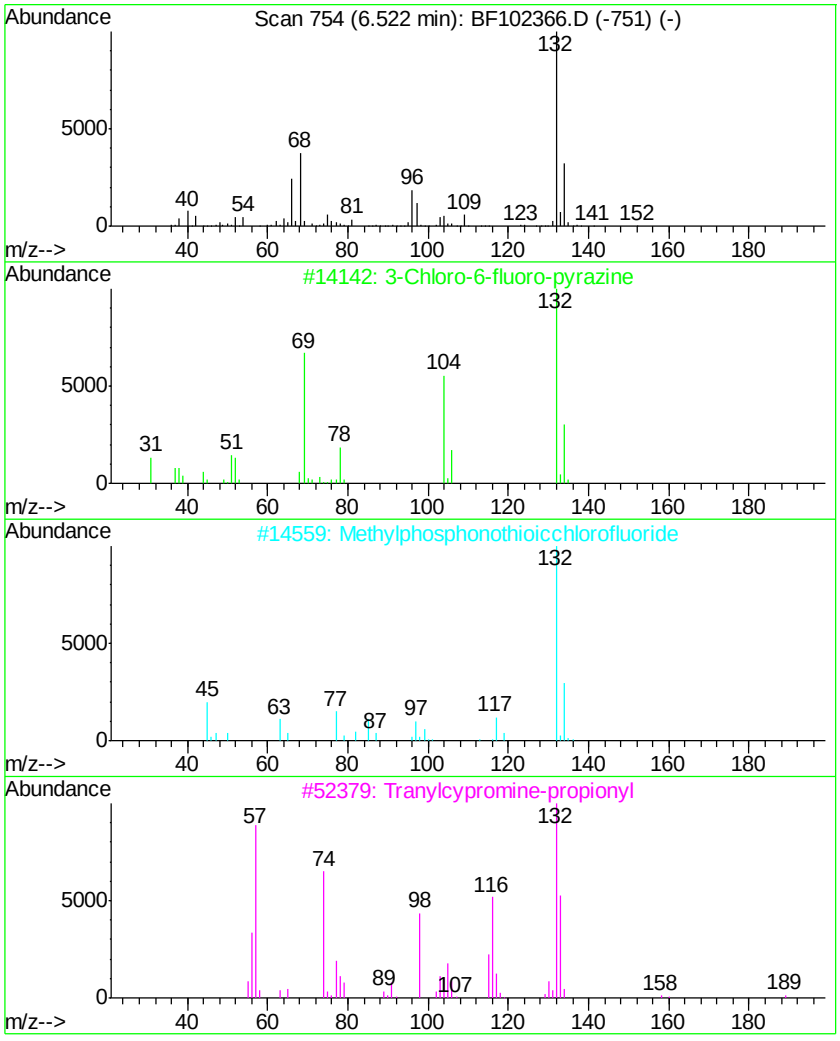
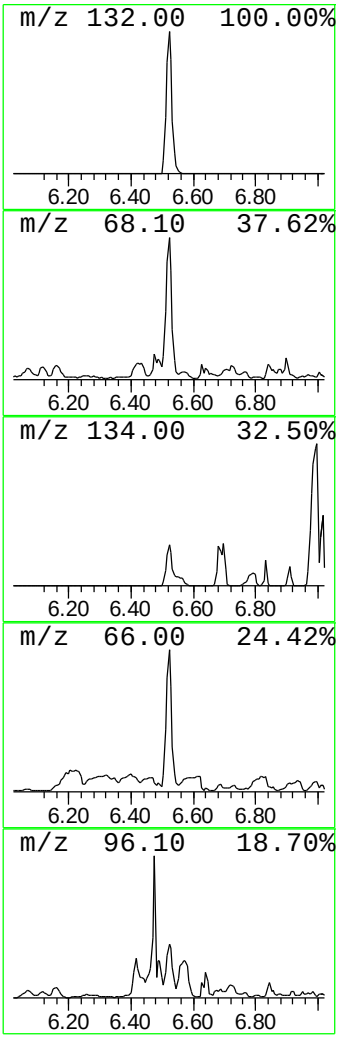
Peak Number 12 unknown6.52 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	31.54 ng	4699020	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

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Operator : SJ/JU
Sample : J1236-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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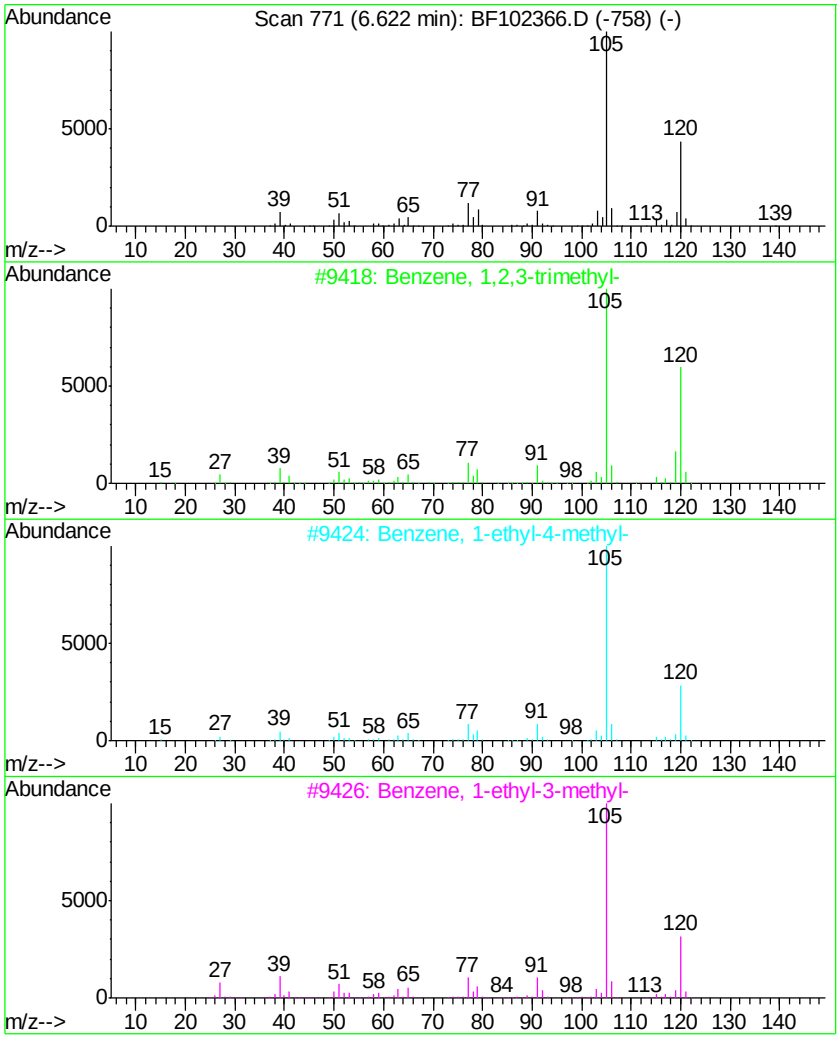
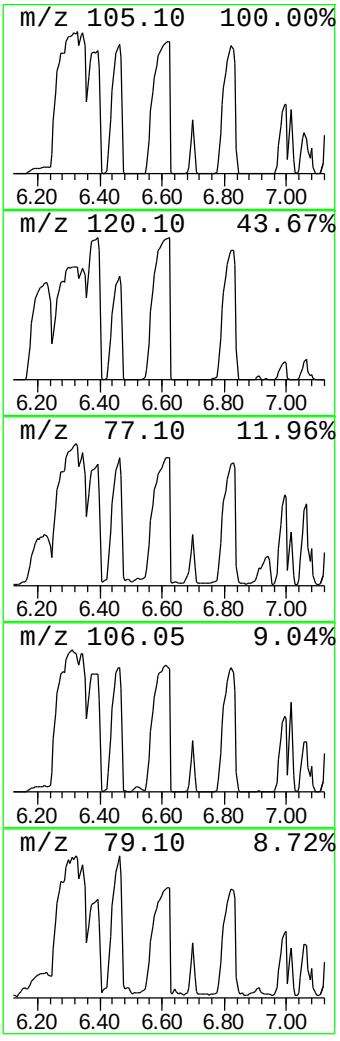
Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	197.42 ng	29412500	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5	Mesitylene	120	C9H12	000108-67-8	90





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Operator : SJ/JU
Sample : J1236-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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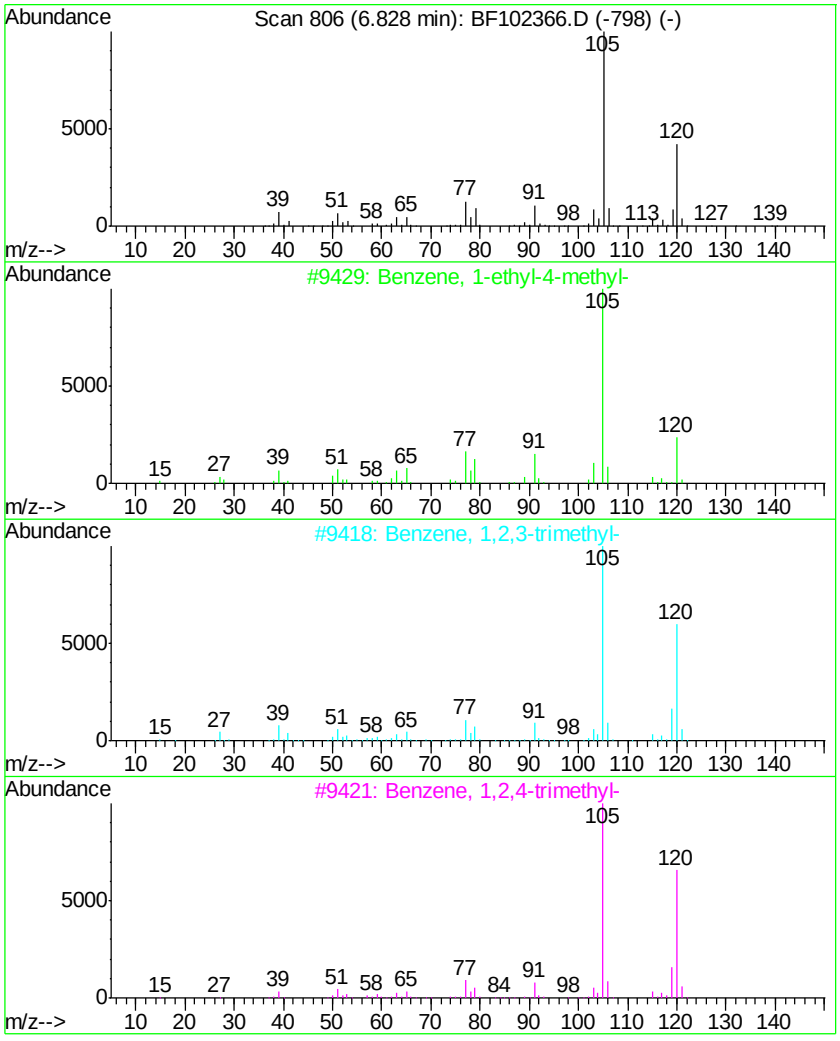
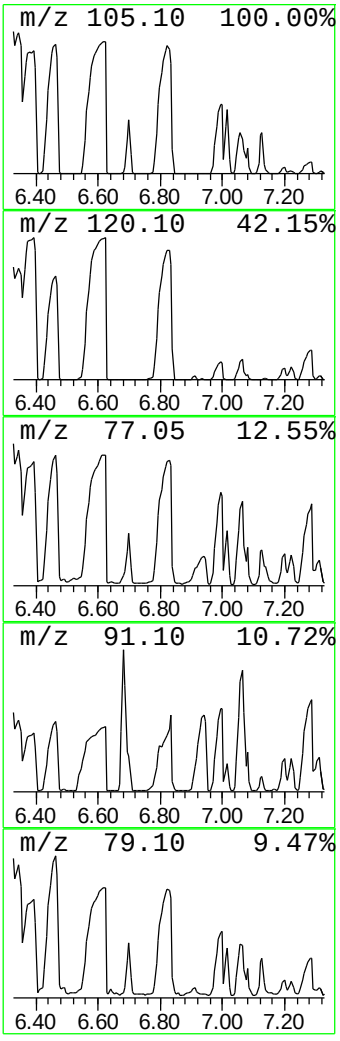
Peak Number 14 Benzene, 1-ethyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	131.87 ng	19646900	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	89
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
4	Mesitylene	120	C9H12	000108-67-8	83
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81





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Acq On : 24 Jan 2018 2:15
Operator : SJ/JU
Sample : J1236-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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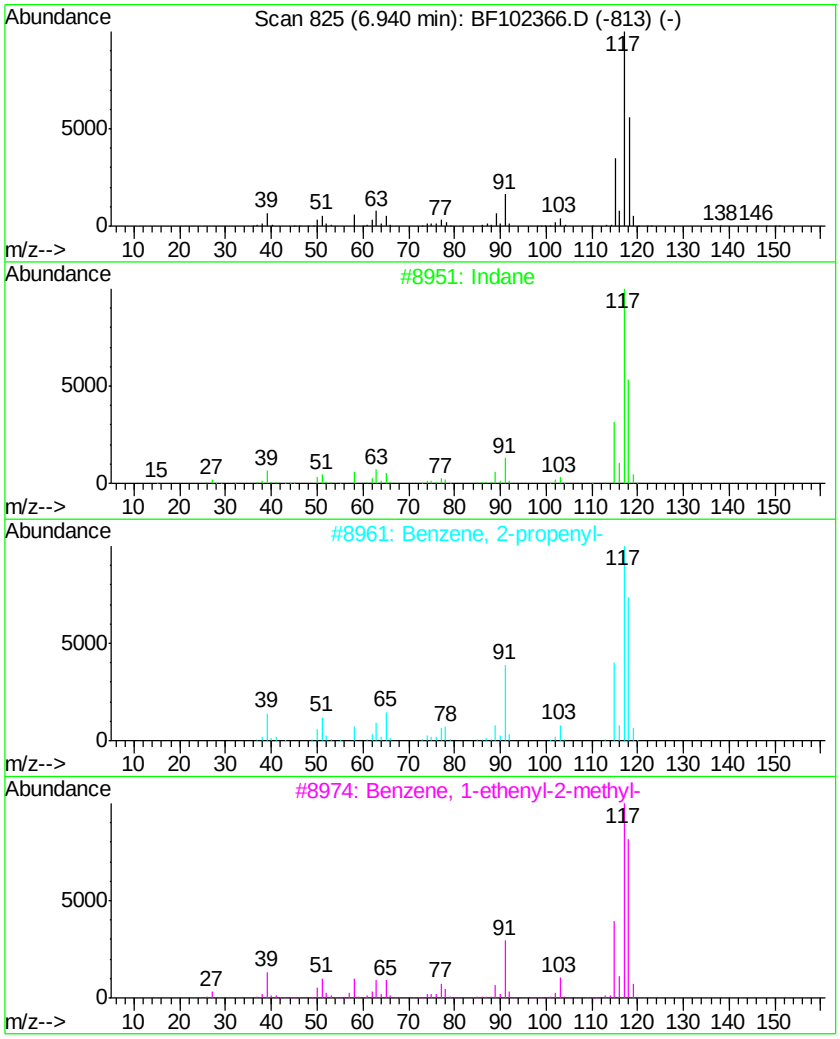
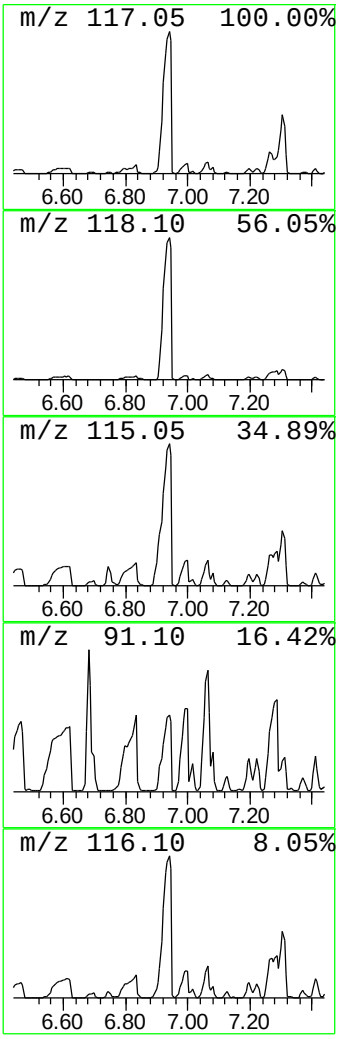
Peak Number 15 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	112.30 ng	16730200	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





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Operator : SJ/JU
Sample : J1236-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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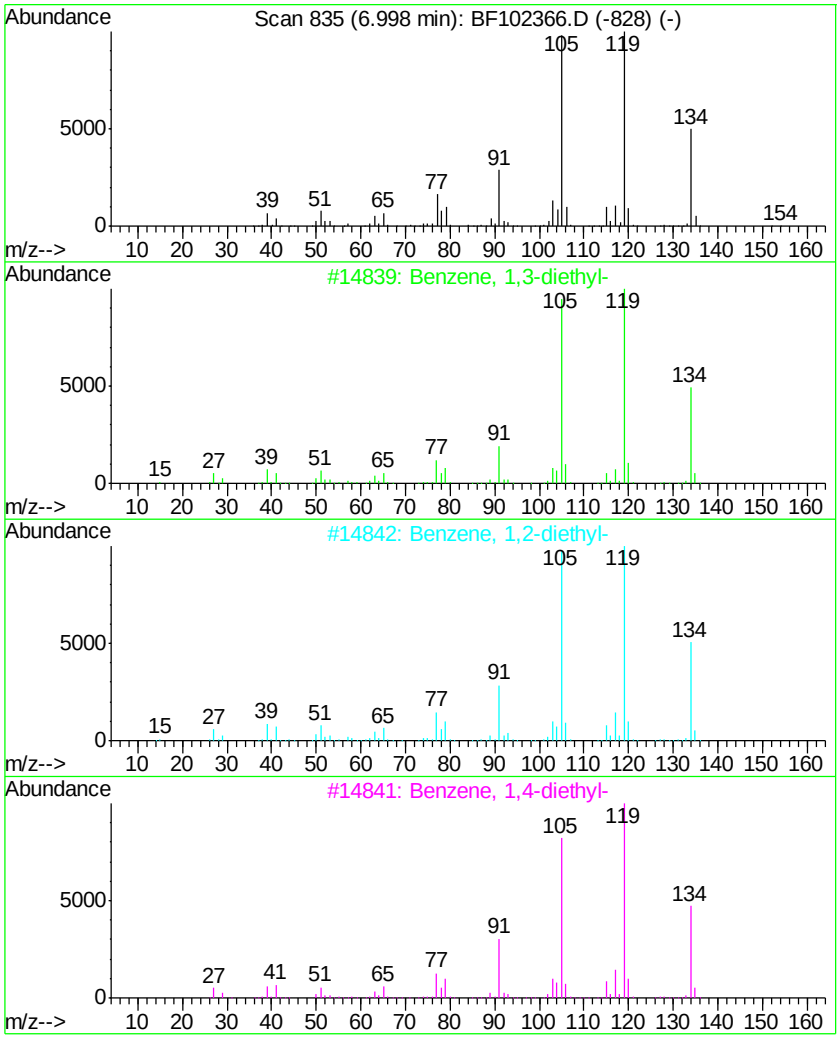
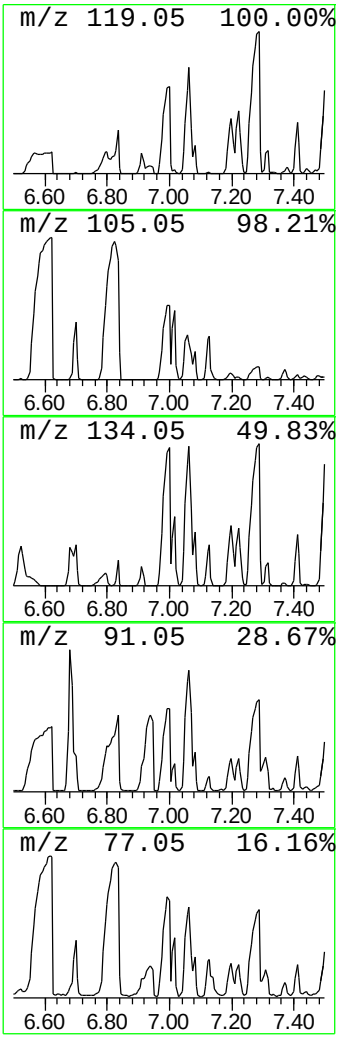
Peak Number 16 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	68.60 ng	10220100	1,4-Dichlorobenzene-d4	6.75

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, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83





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Acq On : 24 Jan 2018 2:15
Operator : SJ/JU
Sample : J1236-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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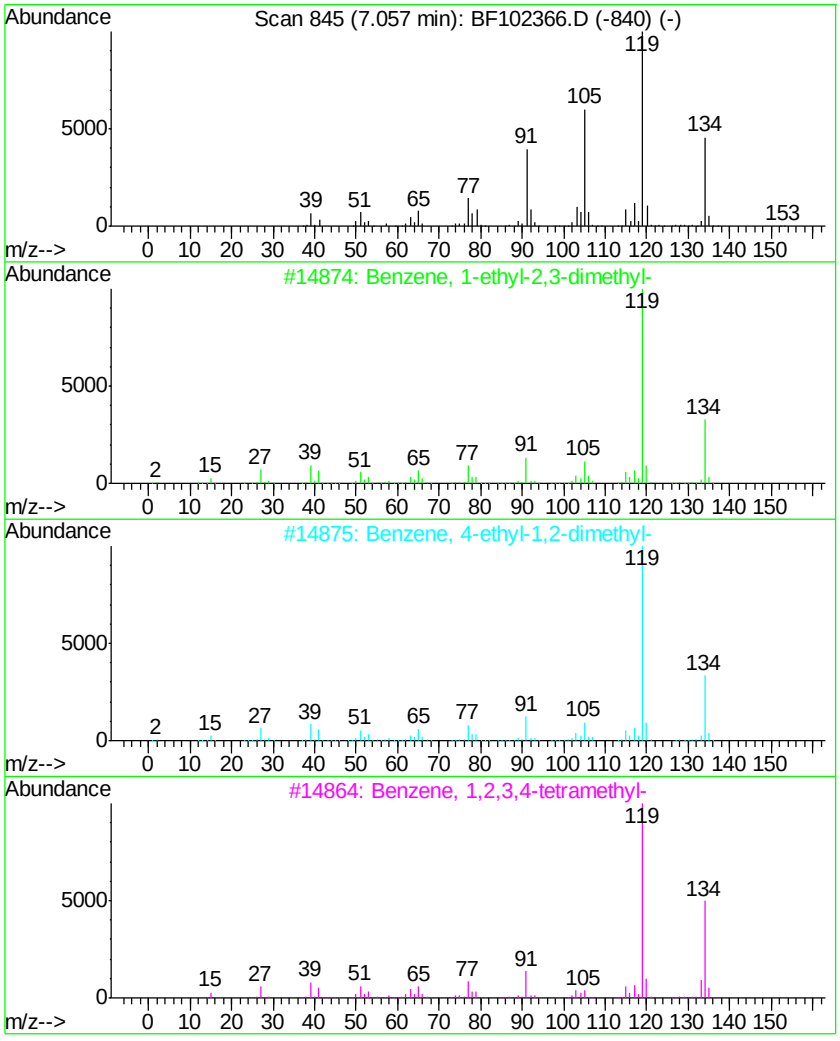
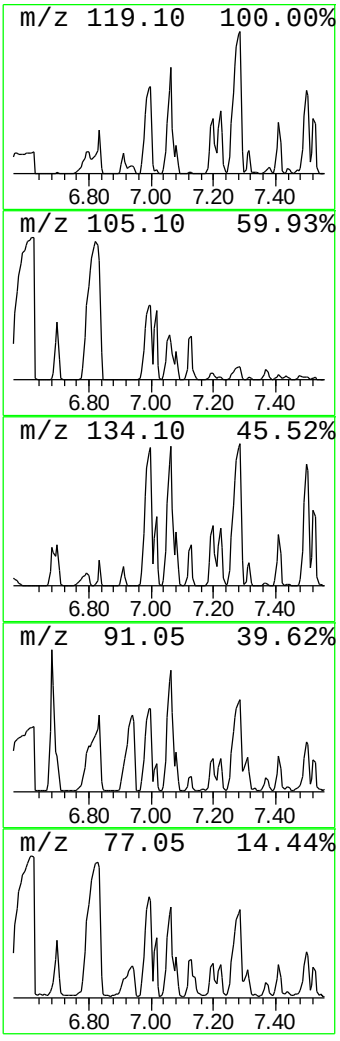
Peak Number 17 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	65.98 ng	9830420	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93





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Operator : SJ/JU
Sample : J1236-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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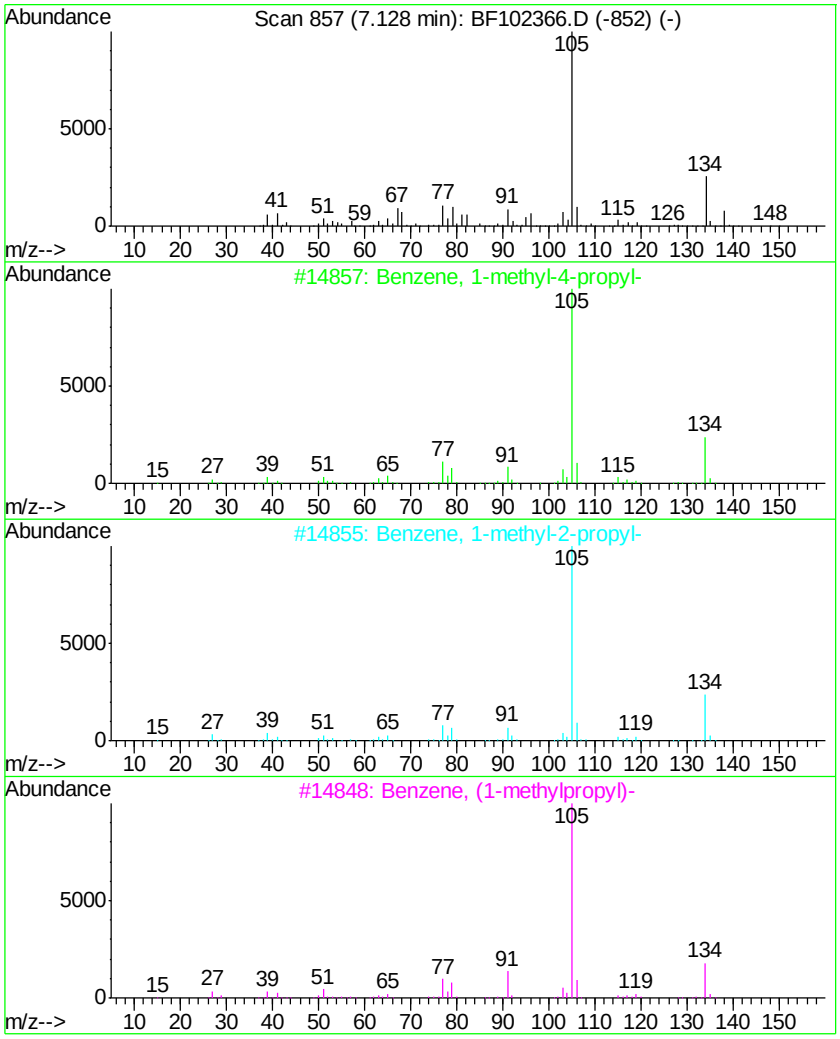
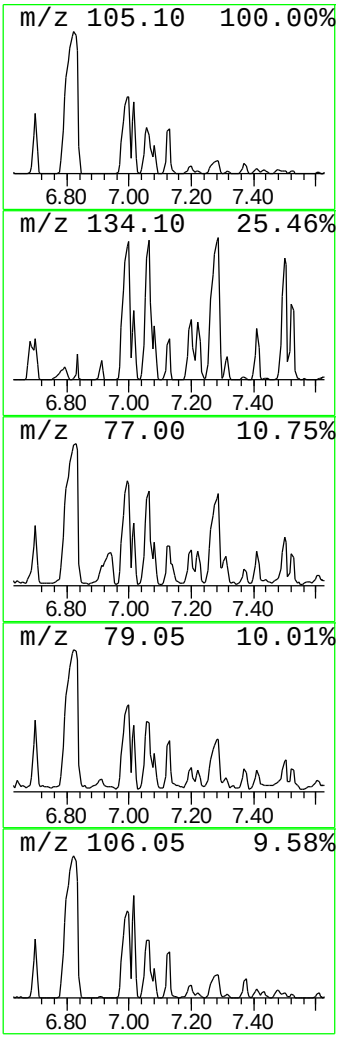
Peak Number 18 Benzene, 1-methyl-4-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	20.94 ng	3119330	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	76
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	68
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	64
5	2-Tolyloxirane	134	C9H10O	002783-26-8	64





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Sample : J1236-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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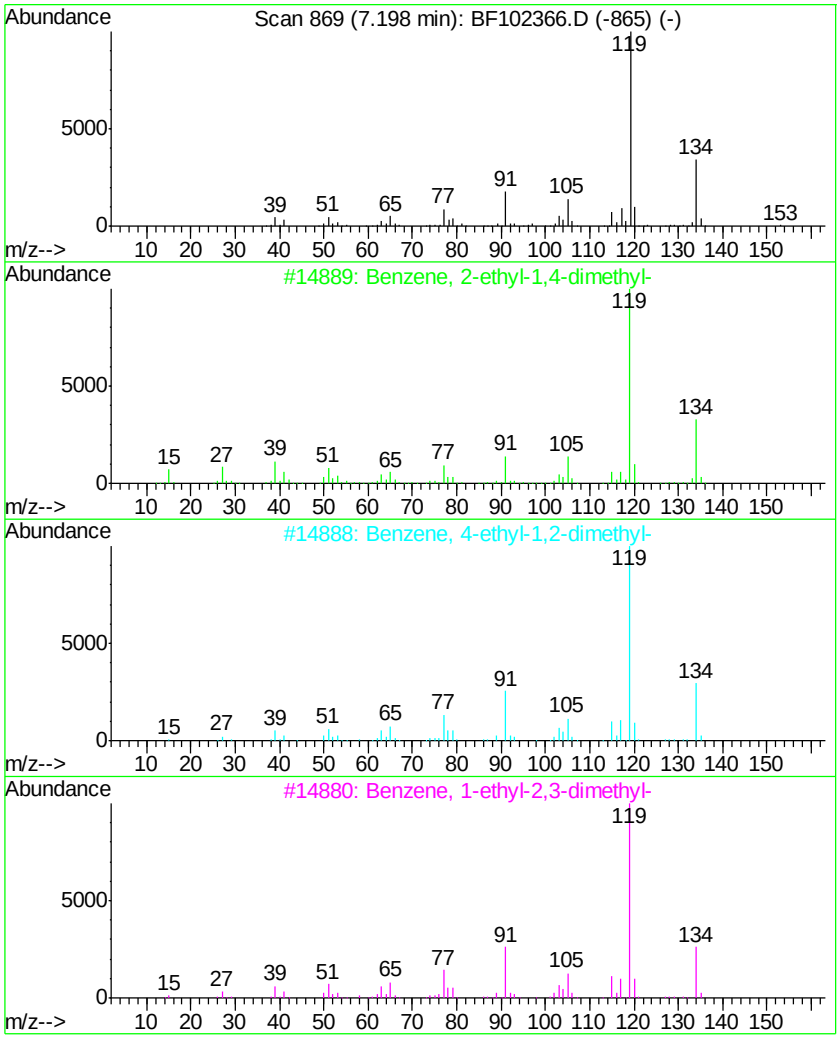
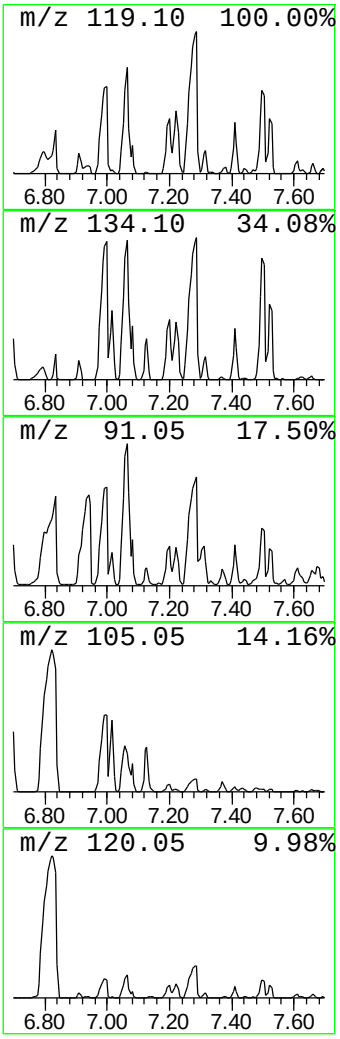
Peak Number 19 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	18.52 ng	2758750	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	o-Cymene	134	C10H14	000527-84-4	94





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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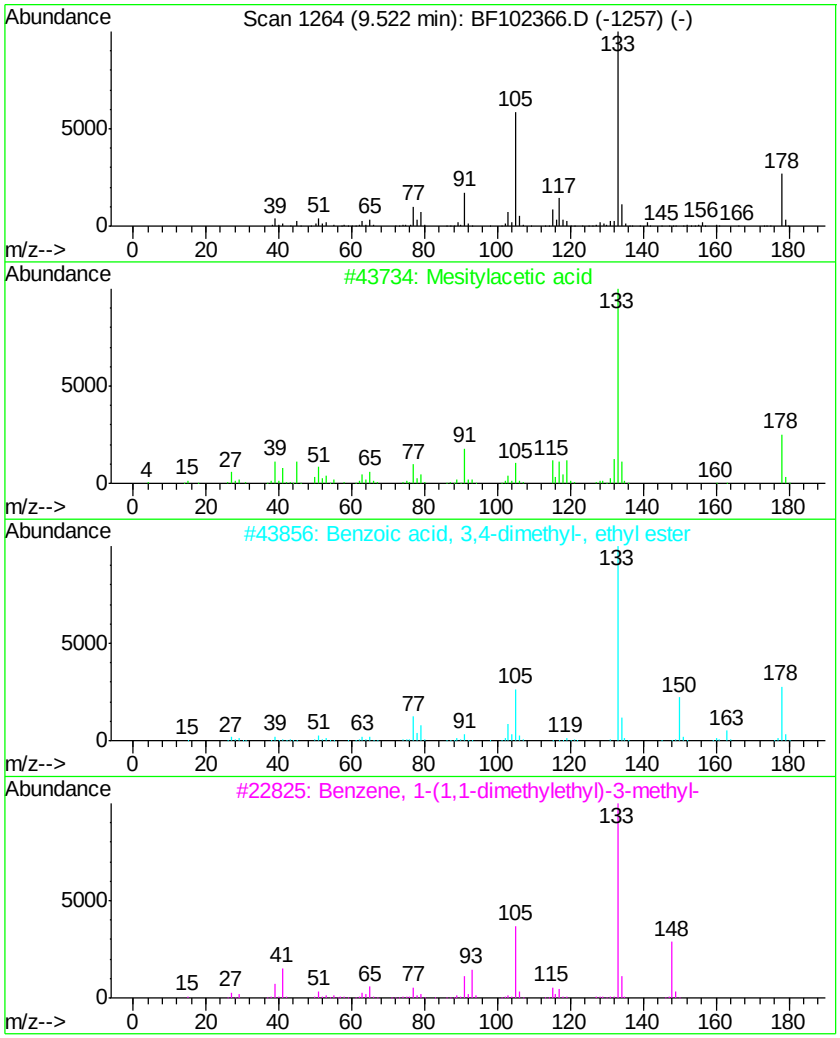
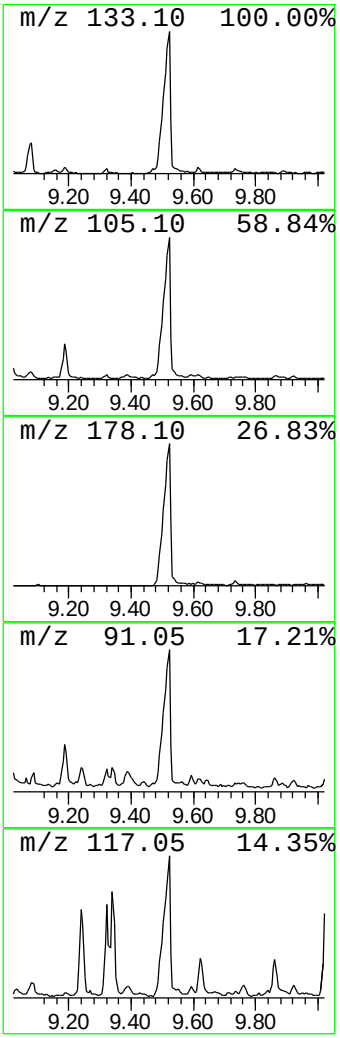
Peak Number 20 Mesitylacetic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	25.70 ng	1496720	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylacetic acid	178	C11H14O2	004408-60-0	91
2	Benzoic acid, 3,4-dimethyl-, eth...	178	C11H14O2	033499-44-4	86
3	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	59
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	59
5	1-Propanone, 1-(2,4-dimethylphen...	162	C11H14O	035031-55-1	59





Tentatively Identified Compound (LSC) summary

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Data File : BF102366.D
Acq On : 24 Jan 2018 2:15
Operator : SJ/JU
Sample : J1236-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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
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Cyclohexane, 1-et...	5.73	27.2	ng	4058450	1	6.75	2979650	20.0
4,4-Dimethyl octane	5.79	41.5	ng	6176740	1	6.75	2979650	20.0
Benzene, (1-methy...	5.92	151.7	ng	22601600	1	6.75	2979650	20.0
Oxalic acid, ally...	5.98	50.9	ng	7586070	1	6.75	2979650	20.0
Benzene, 1-ethyl-...	6.47	126.7	ng	18875900	1	6.75	2979650	20.0
5-Amino-3-methylp...	6.49	17.9	ng	2659550	1	6.75	2979650	20.0
unknown6.52	6.52	31.5	ng	4699020	1	6.75	2979650	20.0
Benzene, 1,2,3-tr...	6.62	197.4	ng	29412500	1	6.75	2979650	20.0
Benzene, 1-ethyl-...	6.83	131.9	ng	19646900	1	6.75	2979650	20.0
Indane	6.94	112.3	ng	16730200	1	6.75	2979650	20.0
Benzene, 1,3-diet...	7.00	68.6	ng	10220100	1	6.75	2979650	20.0
Benzene, 1-ethyl-...	7.06	66.0	ng	9830420	1	6.75	2979650	20.0
Benzene, 1-methyl...	7.13	20.9	ng	3119330	1	6.75	2979650	20.0
Benzene, 2-ethyl-...	7.20	18.5	ng	2758750	1	6.75	2979650	20.0
Mesitylacetic acid	9.52	25.7	ng	1496720	3	9.75	1164940	20.0