LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092404.D
Acq On : 21 Jan 2017 8:20
Operator : UM/SJ
Sample : I1267-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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-BF122116.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	4.633	247	249	252	rBV	332614	539529	11.22%	0.679%
2	4.690	252	254	259	rVB2	28719	68261	1.42%	0.086%
3	5.124	290	292	297	rBV	1381999	2434236	50.63%	3.062%
4	5.204	297	299	302	rVV	98661	133585	2.78%	0.168%
5	5.261	302	304	307	rVB2	50559	71534	1.49%	0.090%
6	5.399	311	316	319	rVB2	86264	148953	3.10%	0.187%
7	5.547	326	329	331	rVB2	59203	89858	1.87%	0.113%
8	5.650	334	338	341	rBV2	119621	217496	4.52%	0.274%
9	5.730	341	345	347	rBV2	42227	99595	2.07%	0.125%
10	5.924	360	362	364	rBV2	41775	62782	1.31%	0.079%
11	5.959	364	365	368	rVB	121664	176797	3.68%	0.222%
12	6.016	368	370	377	rBV5	92067	232252	4.83%	0.292%
13	6.119	377	379	381	rBV	145604	210138	4.37%	0.264%
14	6.153	381	382	385	rBV	76495	95879	1.99%	0.121%
15	6.210	385	387	392	rBV	1398367	1823632	37.93%	2.294%
16	6.302	392	395	399	rVB	3937840	4121914	85.73%	5.185%
17	6.427	402	406	407	rBV2	108815	210003	4.37%	0.264%
18	6.473	407	410	412	rVB3	278952	505511	10.51%	0.636%
19	6.519	412	414	419	rBV	967387	1341402	27.90%	1.687%
20	6.610	421	422	425	rVB3	47845	90376	1.88%	0.114%
21	6.679	425	428	432	rBV2	3800560	4808156	100.00%	6.048%
22	6.736	432	433	435	rBV2	57730	98683	2.05%	0.124%
23	6.782	435	437	439	rVB	504929	448708	9.33%	0.564%
24	6.873	441	445	447	rBV3	379364	632338	13.15%	0.795%
25	6.907	447	448	450	rVB	102972	107398	2.23%	0.135%
26	6.953	450	452	453	rBV	76519	115412	2.40%	0.145%
27	6.976	453	454	457	rVB2	81317	125902	2.62%	0.158%
28	7.056	457	461	463	rBV2	500820	807890	16.80%	1.016%
29	7.102	463	465	468	rBV2	3083668	3805182	79.14%	4.786%
30	7.182	468	472	474	rBV5	323427	715723	14.89%	0.900%
31	7.216	474	475	480	rVB3	243717	337592	7.02%	0.425%
32	7.307	480	483	484	rBV3	424391	616295	12.82%	0.775%
33	7.399	487	491	493	rBV3	282550	571719	11.89%	0.719%
34	7.445	493	495	496	rBV2	108541	108251	2.25%	0.136%

LSC Area Percent Report

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Operator : UM/SJ
Sample : I1267-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.479	496	498	499	rBV2	235500	474274	9.86%	0.597%
36	7.502	499	500	501	rVB	272147	186693	3.88%	0.235%
37	7.547	501	504	508	rBV4	581300	1161630	24.16%	1.461%
38	7.616	508	510	511	rBV	232139	308211	6.41%	0.388%
39	7.639	511	512	514	rVB2	148934	196919	4.10%	0.248%
40	7.673	514	515	519	rVB3	119239	179285	3.73%	0.226%
41	7.810	521	527	529	rBV	1631294	2795132	58.13%	3.516%
42	7.947	535	539	540	rBV4	255890	426703	8.87%	0.537%
43	8.016	543	545	546	rBV	701524	1036343	21.55%	1.304%
44	8.050	546	548	550	rVB2	590991	1071006	22.27%	1.347%
45	8.119	550	554	555	rBV3	407407	1000496	20.81%	1.258%
46	8.187	555	560	564	rVB2	1271324	3081654	64.09%	3.876%
47	8.256	564	566	567	rBV	773488	1018975	21.19%	1.282%
48	8.359	569	575	578	rVB2	1628052	4170926	86.75%	5.246%
49	8.416	578	580	582	rVB2	313182	352406	7.33%	0.443%
50	8.473	582	585	587	rBV	749884	1133363	23.57%	1.426%
51	8.508	587	588	591	rBV3	360748	519822	10.81%	0.654%
52	8.565	591	593	595	rBV2	571381	951135	19.78%	1.196%
53	8.599	595	596	600	rBV4	860856	2504380	52.09%	3.150%
54	8.759	609	610	612	rVB2	429294	381789	7.94%	0.480%
55	8.793	612	613	615	rBV2	234106	296912	6.18%	0.373%
56	8.850	617	618	619	rVV	484665	552780	11.50%	0.695%
57	8.896	619	622	624	rVV	3066681	3781741	78.65%	4.757%
58	8.965	626	628	632	rVB4	532801	803300	16.71%	1.010%
59	9.090	632	639	641	rBV8	658629	2389489	49.70%	3.006%
60	9.262	652	654	655	rBV	379155	345236	7.18%	0.434%
61	9.308	656	658	662	rVB5	596234	928941	19.32%	1.168%
62	9.433	666	669	670	rBV3	423410	645601	13.43%	0.812%
63	9.570	678	681	685	rVB2	811909	1407282	29.27%	1.770%
64	9.685	686	691	695	rVV4	722190	2438452	50.71%	3.067%
65	9.753	695	697	700	rVV3	219836	337477	7.02%	0.425%
66	9.913	710	711	712	rBV	405823	509310	10.59%	0.641%
67	10.108	722	728	730	rVB6	532321	1583918	32.94%	1.992%
68	10.371	746	751	752	rVB	1342576	2149180	44.70%	2.703%
69	10.451	752	758	759	rBV	1729440	4620650	96.10%	5.812%
70	10.485	759	761	764	rVV4	404788	1053018	21.90%	1.325%
71	10.565	766	768	769	rVB	376916	444992	9.25%	0.560%

LSC Area Percent Report

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Data File : BF092404.D
Acq On : 21 Jan 2017 8:20
Operator : UM/SJ
Sample : I1267-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.045	809	810	814	rVB	813229	1154179	24.00%	1.452%
73	11.628	859	861	863	rVB2	271355	326818	6.80%	0.411%
74	12.634	946	949	951	rBV	2608103	2830862	58.88%	3.561%
75	13.537	1026	1028	1033	rBV	91773	176195	3.66%	0.222%
76	13.674	1037	1040	1042	rBV	570071	606189	12.61%	0.763%
77	15.022	1156	1158	1160	rBV	384628	478712	9.96%	0.602%
78	15.102	1162	1165	1167	rBV2	101733	281479	5.85%	0.354%
79	15.400	1189	1191	1194	rBV	81224	118637	2.47%	0.149%
80	15.811	1224	1227	1230	rVB	101094	175074	3.64%	0.220%
81	16.280	1265	1268	1274	rVB	67891	138939	2.89%	0.175%

Sum of corrected areas: 79499487

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092404.D
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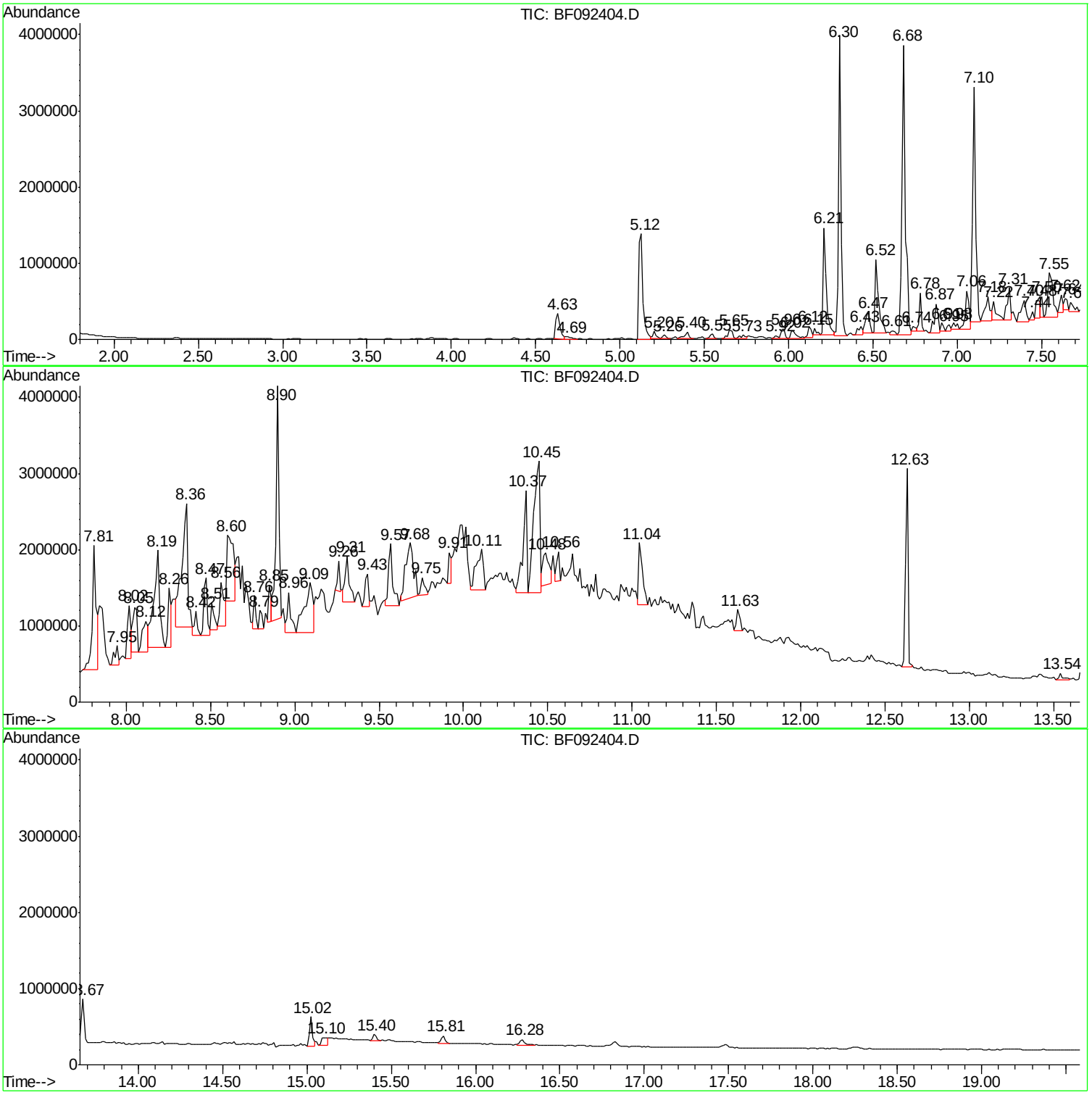
Operator : UM/SJ
Sample : I1267-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092404.D
Acq On : 21 Jan 2017 8:20
Operator : UM/SJ
Sample : I1267-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

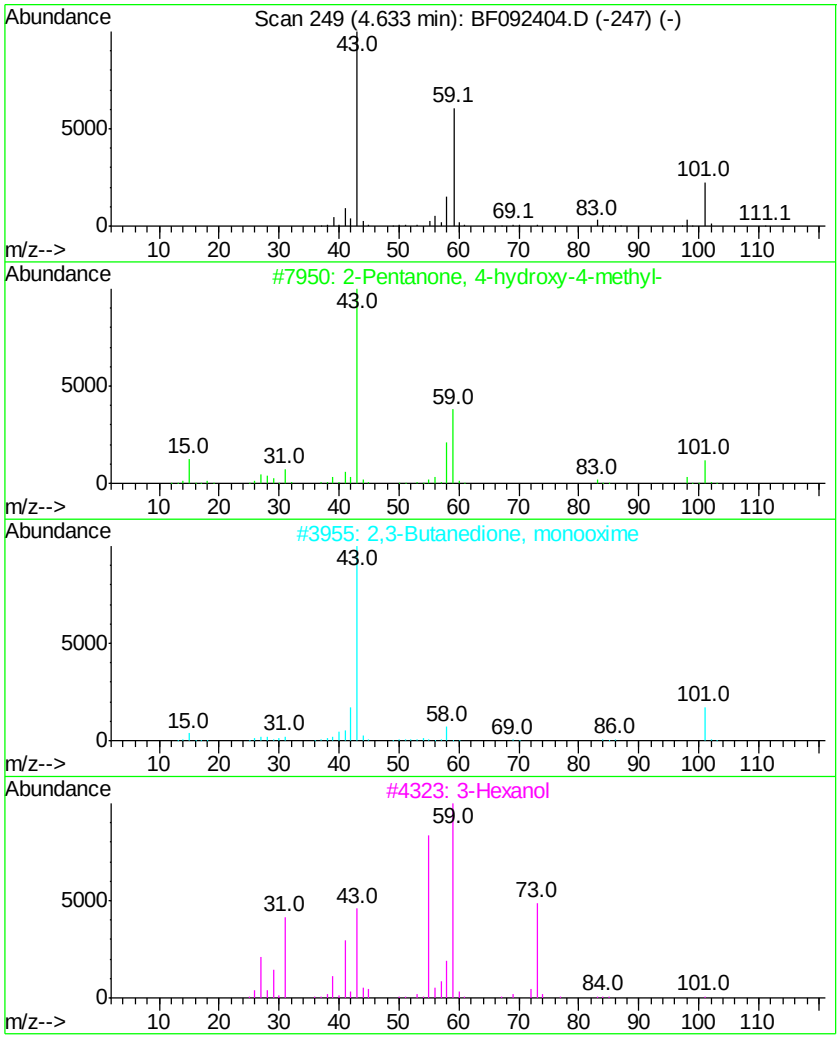
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

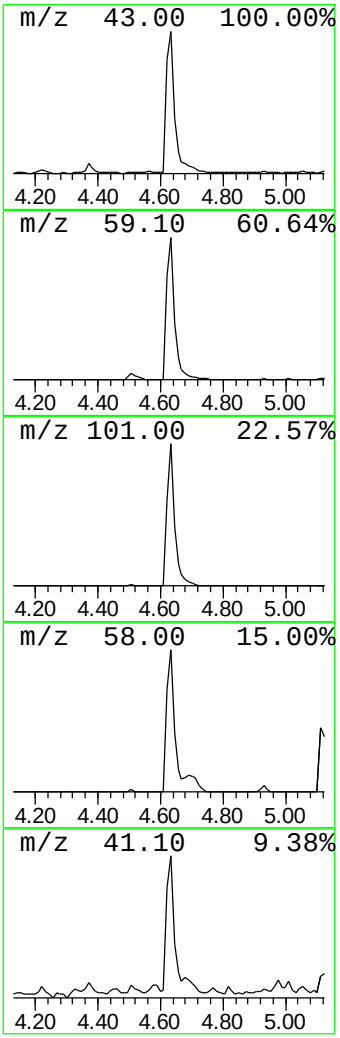
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	8.04 ng	539529	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3	3-Hexanol	102	C6H14O	000623-37-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23





Library Search Compound Report

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Acq On : 21 Jan 2017 8:20
Operator : UM/SJ
Sample : I1267-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

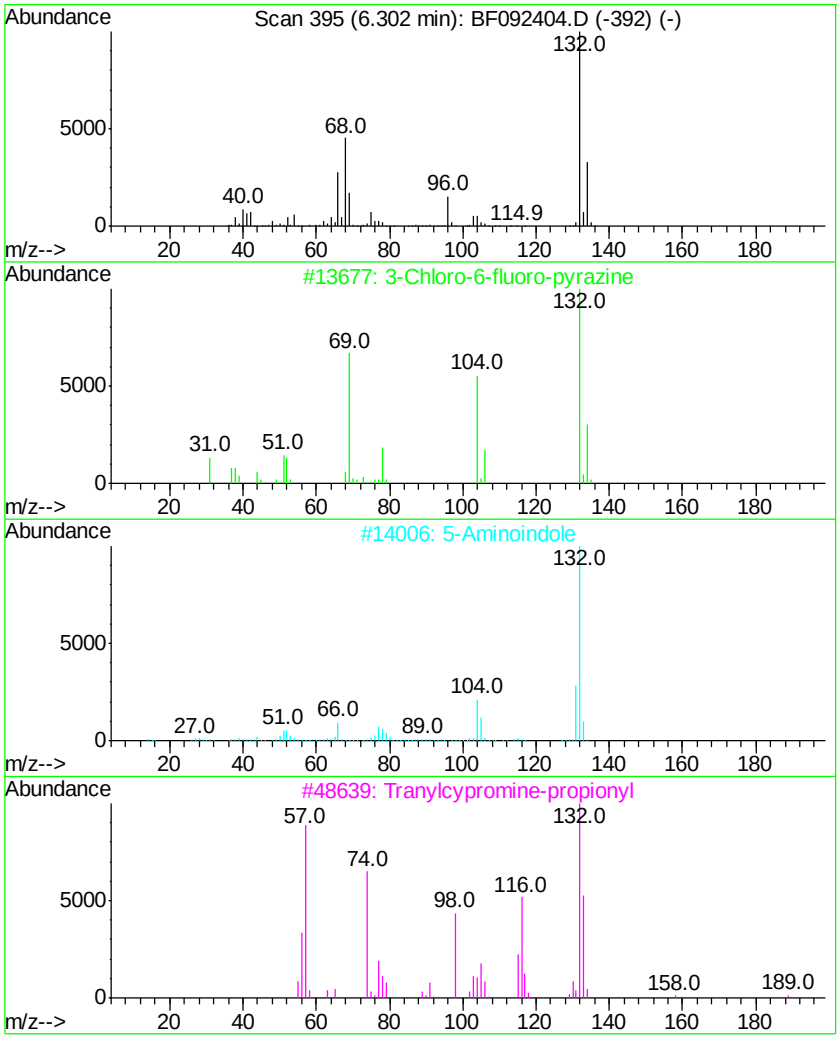
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

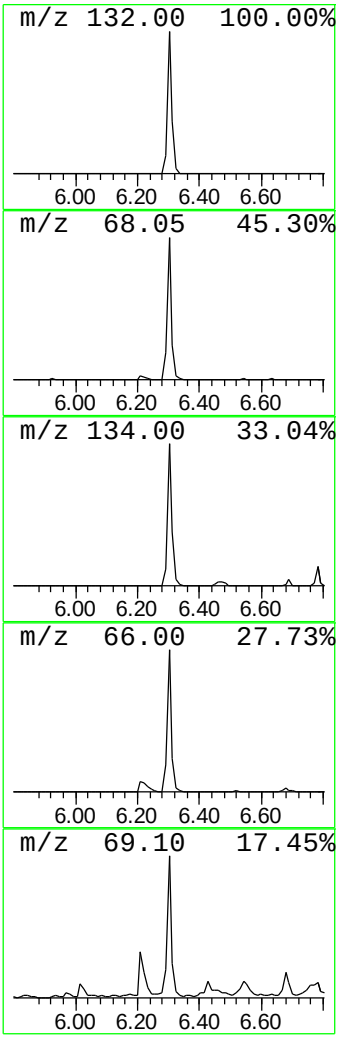
****

Peak Number 2 unknown6.30 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	61.46 ng	4121910	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092404.D
Acq On : 21 Jan 2017 8:20
Operator : UM/SJ
Sample : I1267-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

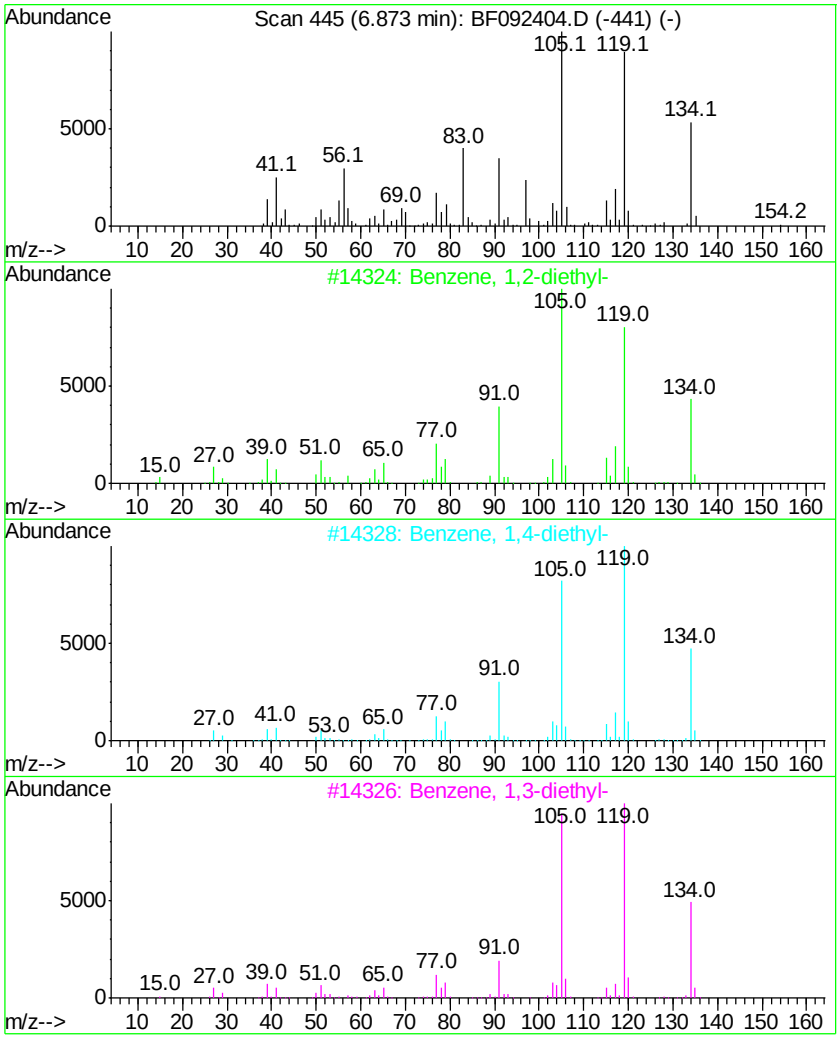
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

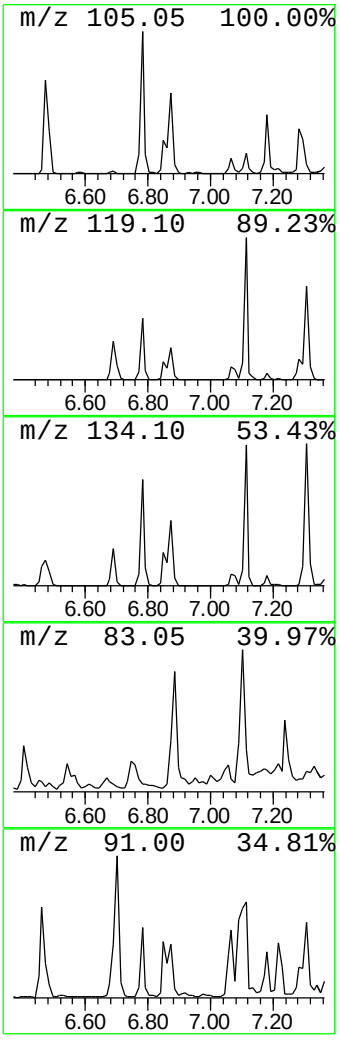
****

Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	9.43 ng	632338	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	92
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	64
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	50
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	49





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

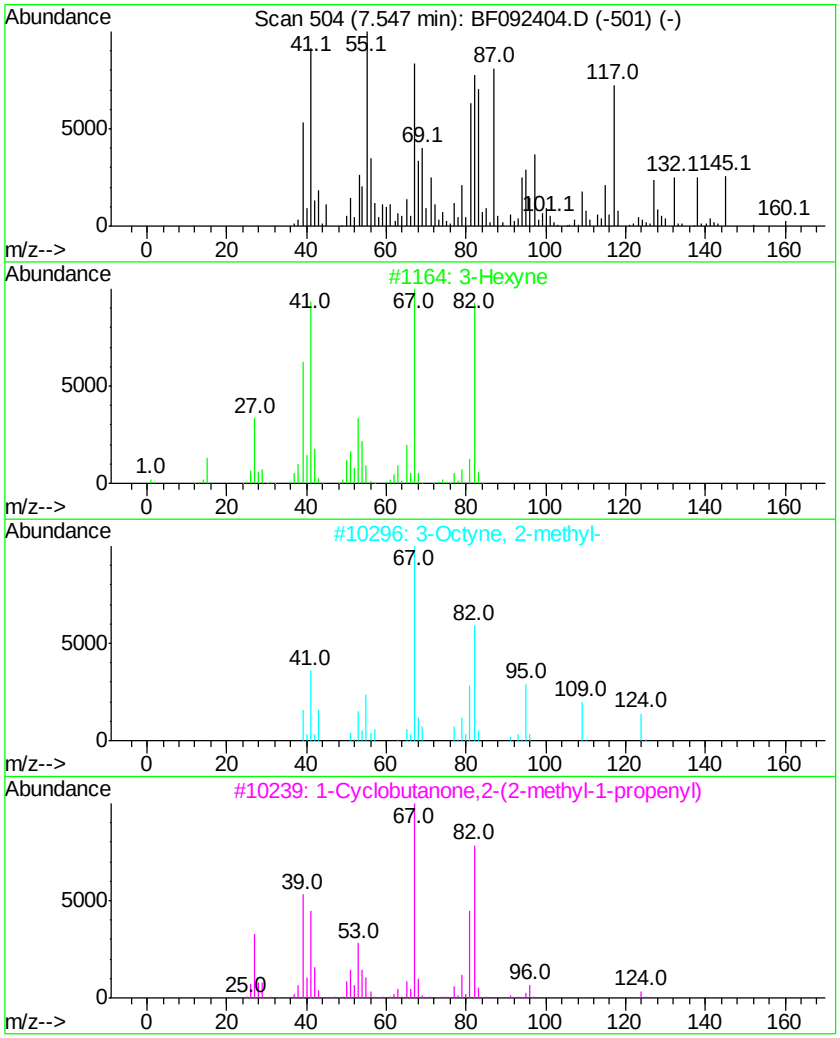
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

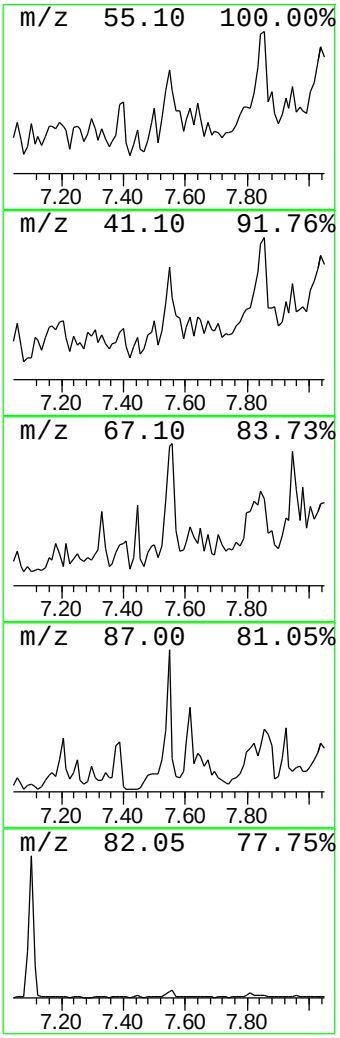
****

Peak Number 5 3-Hexyne Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	8.31 ng	1161630	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexyne	82	C6H10	000928-49-4	55
2	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	38
3	1-Cyclobutanone,2-(2-methyl-1-pr...	124	C8H12O	091531-45-2	38
4	Bicyclo[4.1.0]heptane, 2-methyl-	110	C8H14	041977-46-2	38
5	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

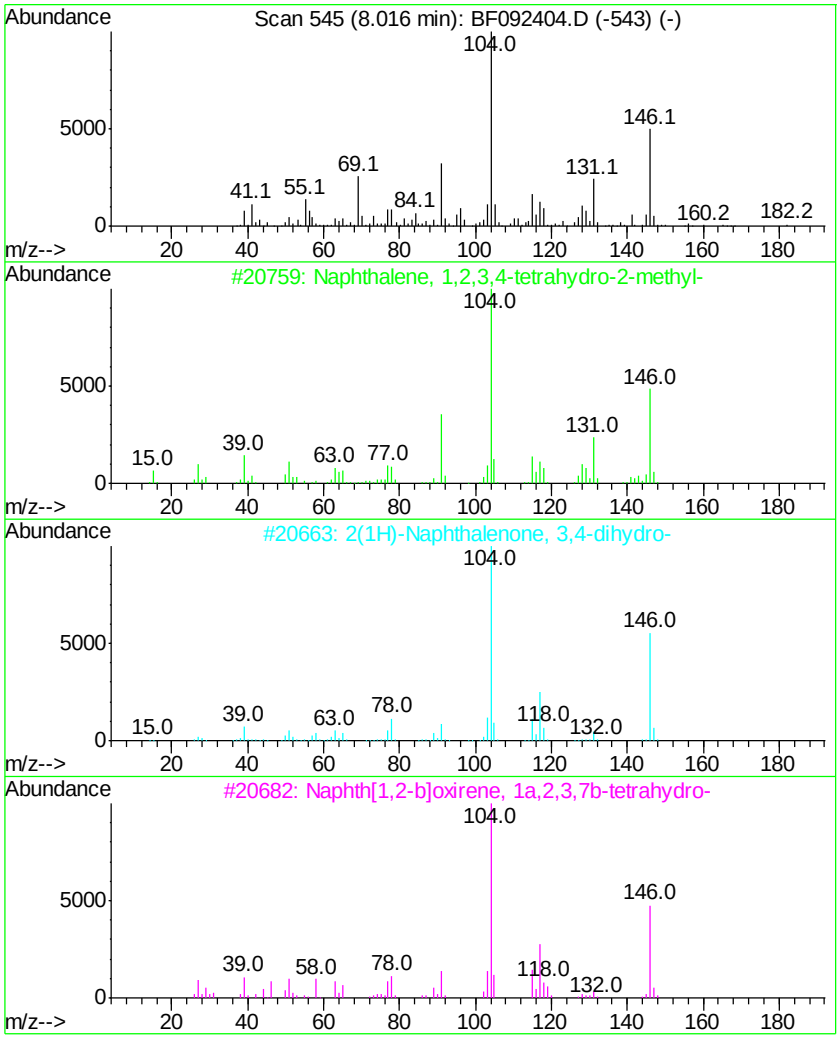
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

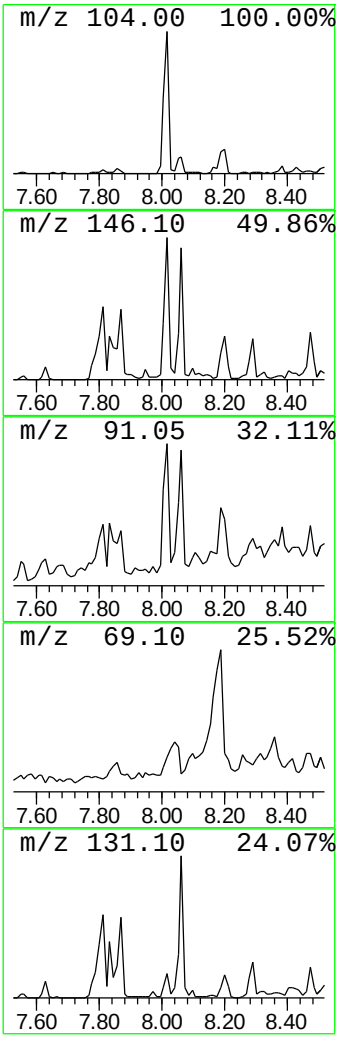
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	7.42 ng	1036340	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	96
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	76
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
4	2-Propenoic acid, 3-phenyl-, 2-p...	252	C17H16O2	000103-53-7	38
5	Benzeneethanol, .alpha.,.alpha.-...	162	C11H14O	025982-72-3	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
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Acq On : 21 Jan 2017 8:20
Operator : UM/SJ
Sample : I1267-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

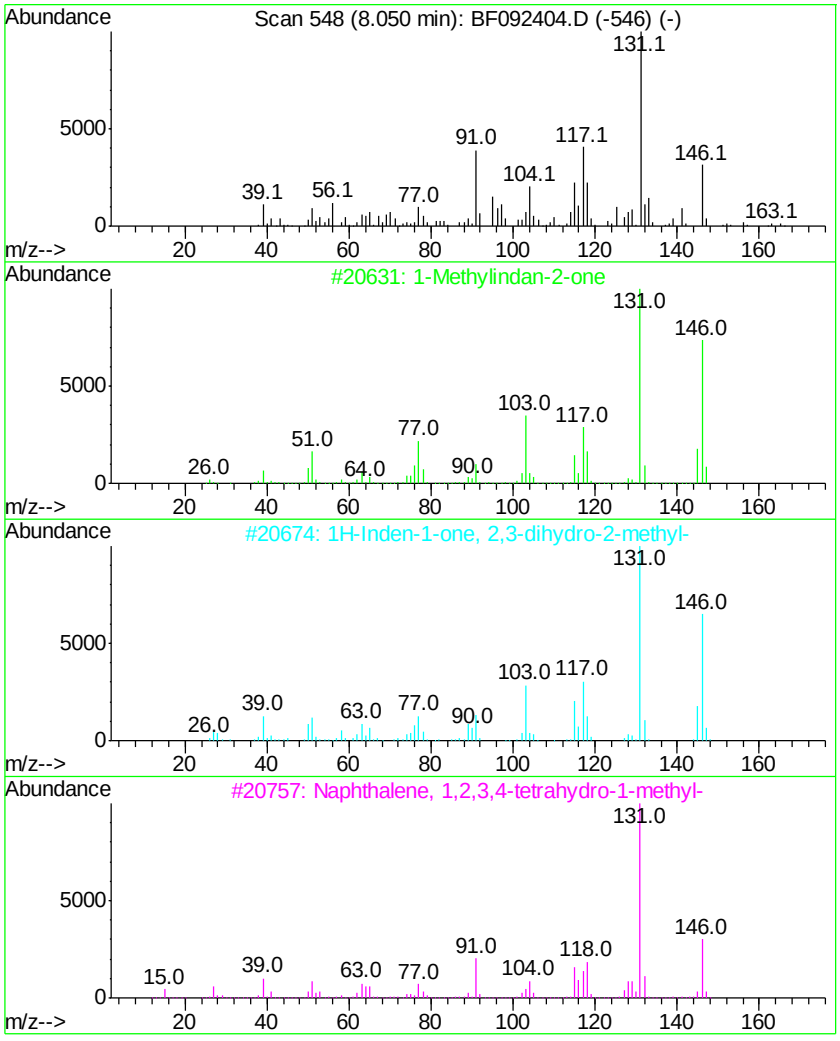
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

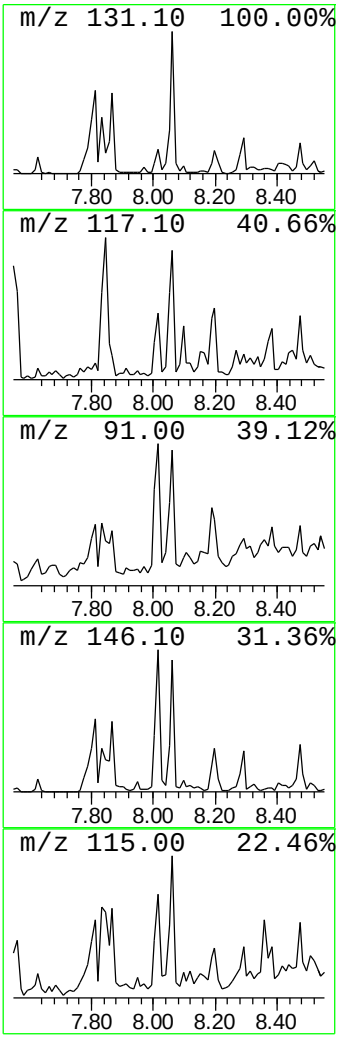
****

Peak Number 7 1-Methylindan-2-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	7.66 ng	1071010	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylindan-2-one	146	C10H10O	035587-60-1	83
2	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	72
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	55
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	55





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Acq On : 21 Jan 2017 8:20
Operator : UM/SJ
Sample : I1267-06
Misc :
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Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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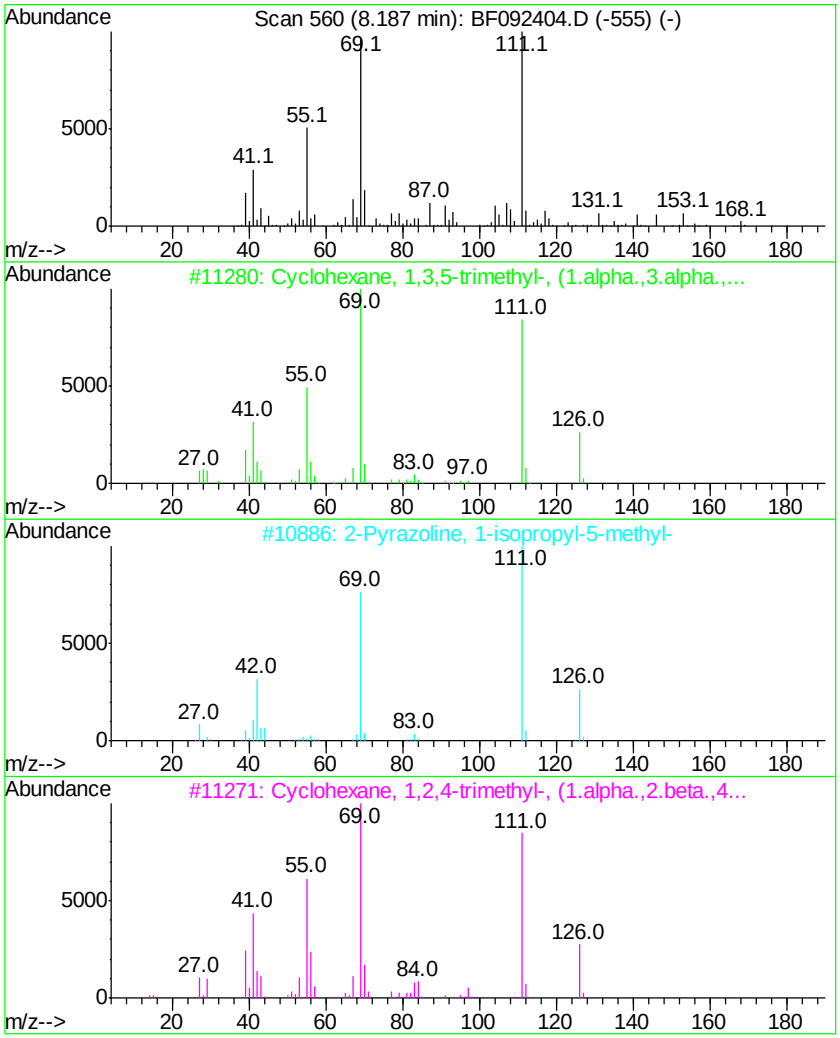
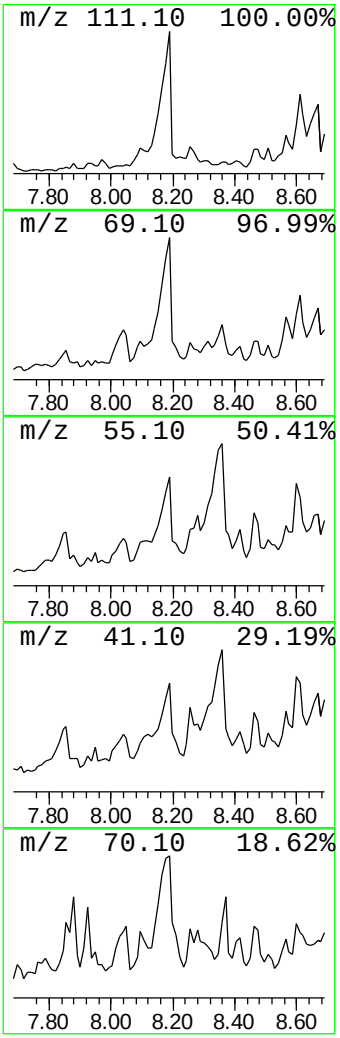
Peak Number 8 Cyclohexane, 1,3,5-trimethy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	22.05 ng	3081650	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	59
2	2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	59
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	45
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	45
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	45





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Sample : I1267-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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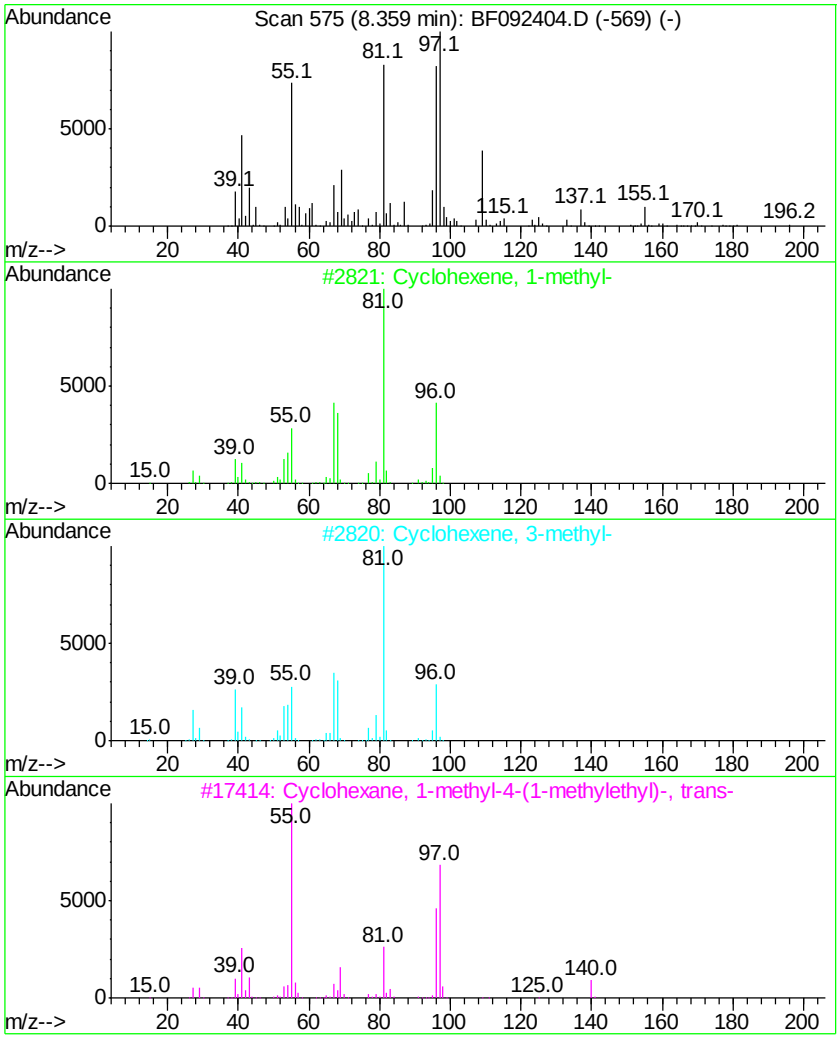
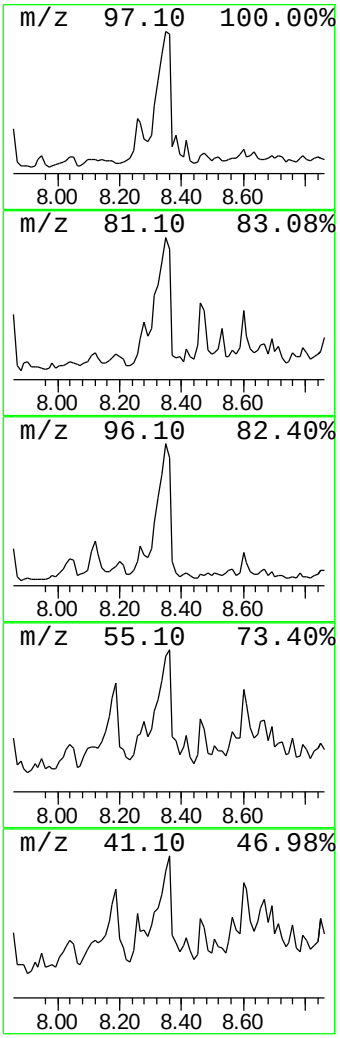
Peak Number 9 unknown8.36 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	29.84 ng	4170930	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	49
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	38
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38
4	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	38
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38





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Sample : I1267-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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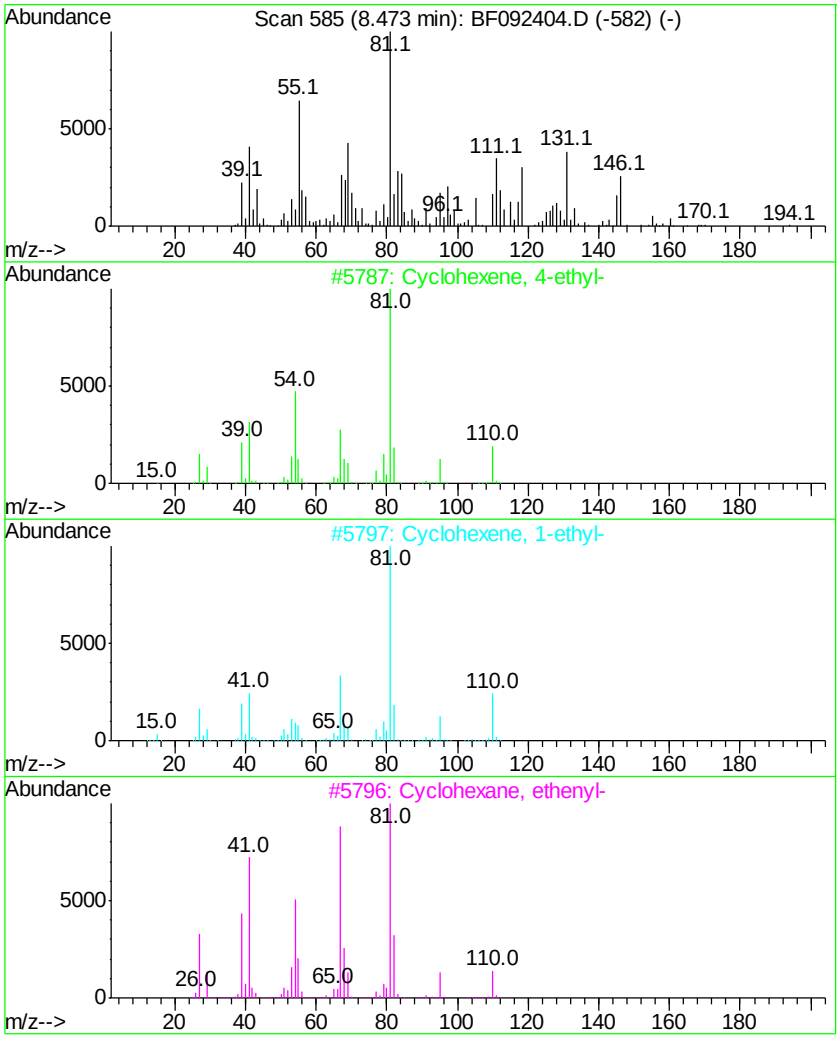
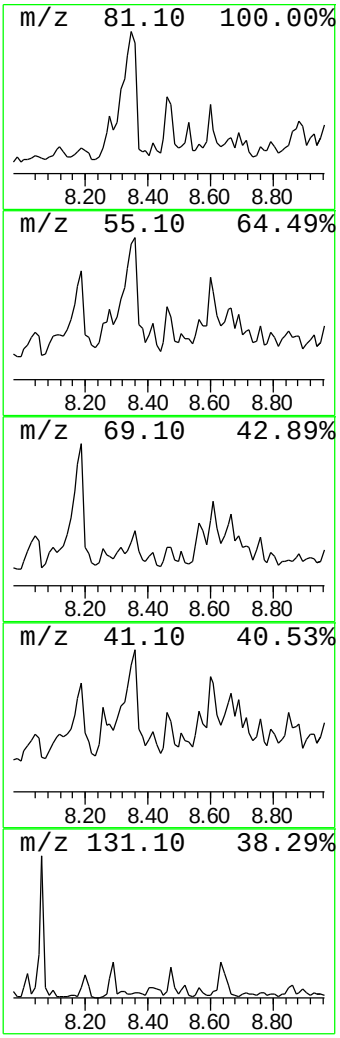
Peak Number 10 unknown8.47 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	8.11 ng	1133360	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-ethyl-	110	C8H14	003742-42-5	35
2	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	20
3	Cyclohexane, ethenyl-	110	C8H14	000695-12-5	18
4	1,5-Hexadiene, 2-methyl-	96	C7H12	004049-81-4	18
5	2-Cyclopentene-1-carboxylic acid...	126	C7H10O2	068317-77-1	18





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ClientSampleId : MW-20

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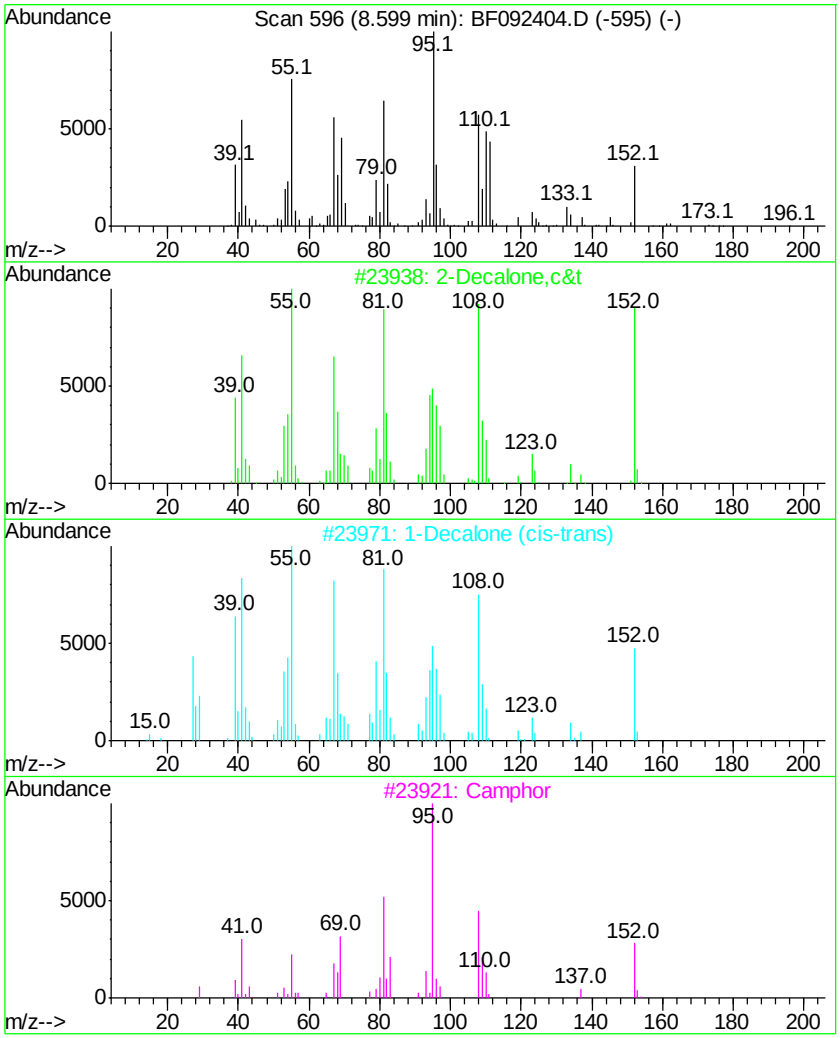
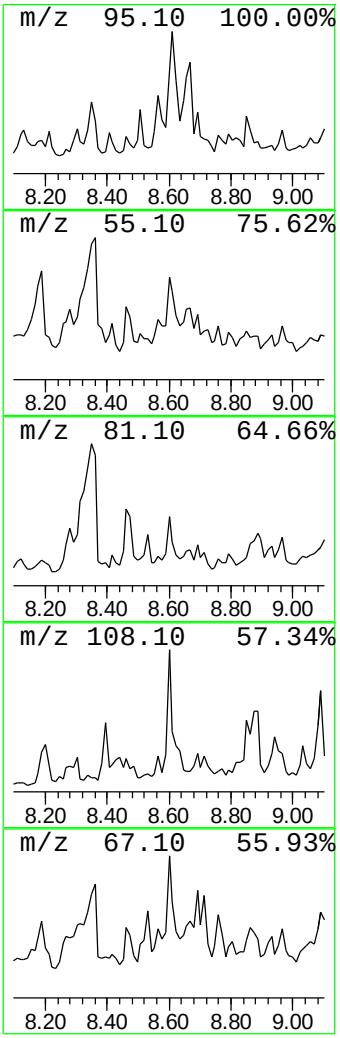
Peak Number 11 2-Decalone,c&t Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	17.92 ng	2504380	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decalone,c&t	152	C10H16O	004832-17-1	64
2	1-Decalone (cis-trans)	152	C10H16O	004832-16-0	64
3	Camphor	152	C10H16O	000076-22-2	53
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	49
5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	46





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Instrument : BNA_F
ClientSampleId : MW-20

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TIC Integration Parameters: LSCINT.P

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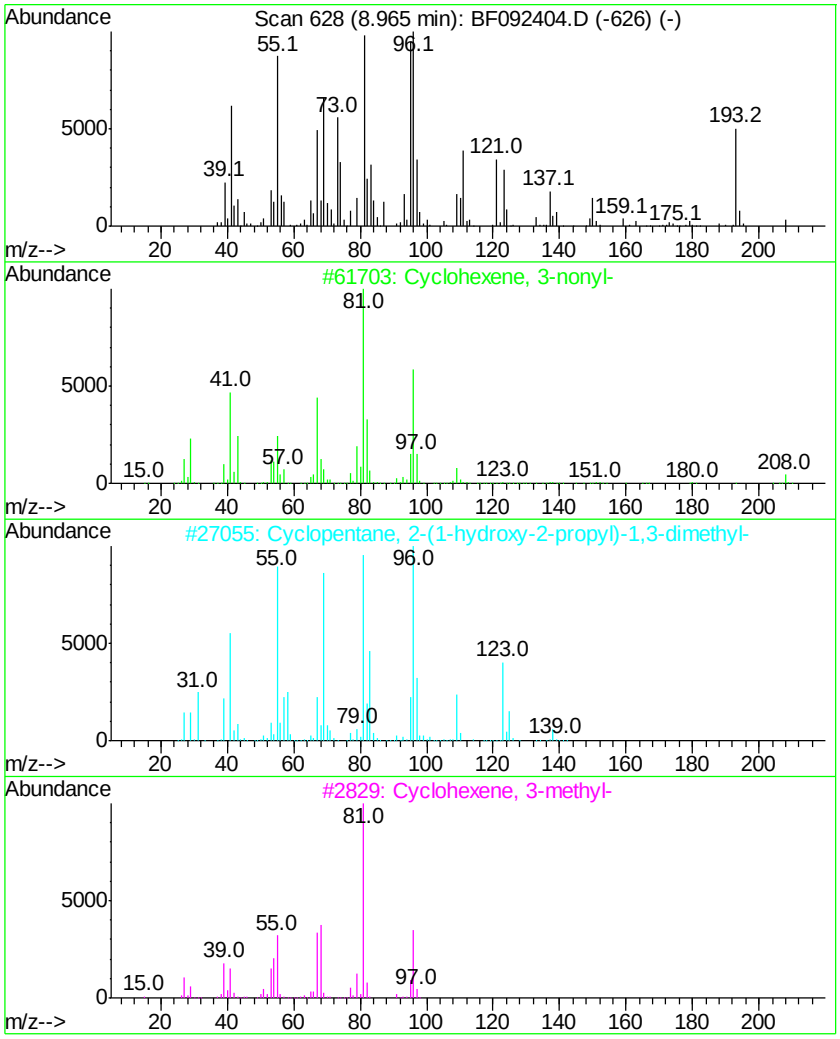
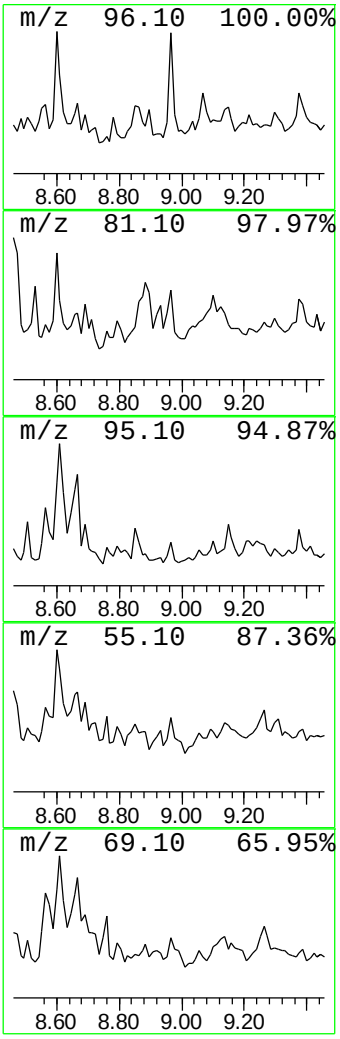
Peak Number 12 unknown8.96 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	11.42 ng	803300	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-nonyl-	208	C15H28	015232-79-8	38
2	Cyclopentane, 2-(1-hydroxy-2-pro...	156	C10H20O	1000155-43-4	38
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	38
4	2-(2-Hydroxycyclooctyl)-furan	194	C12H18O2	115754-90-0	35
5	cis,cis-2,8-Dimethylspiro[5.5]un...	180	C13H24	095530-75-9	35





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Instrument : BNA_F
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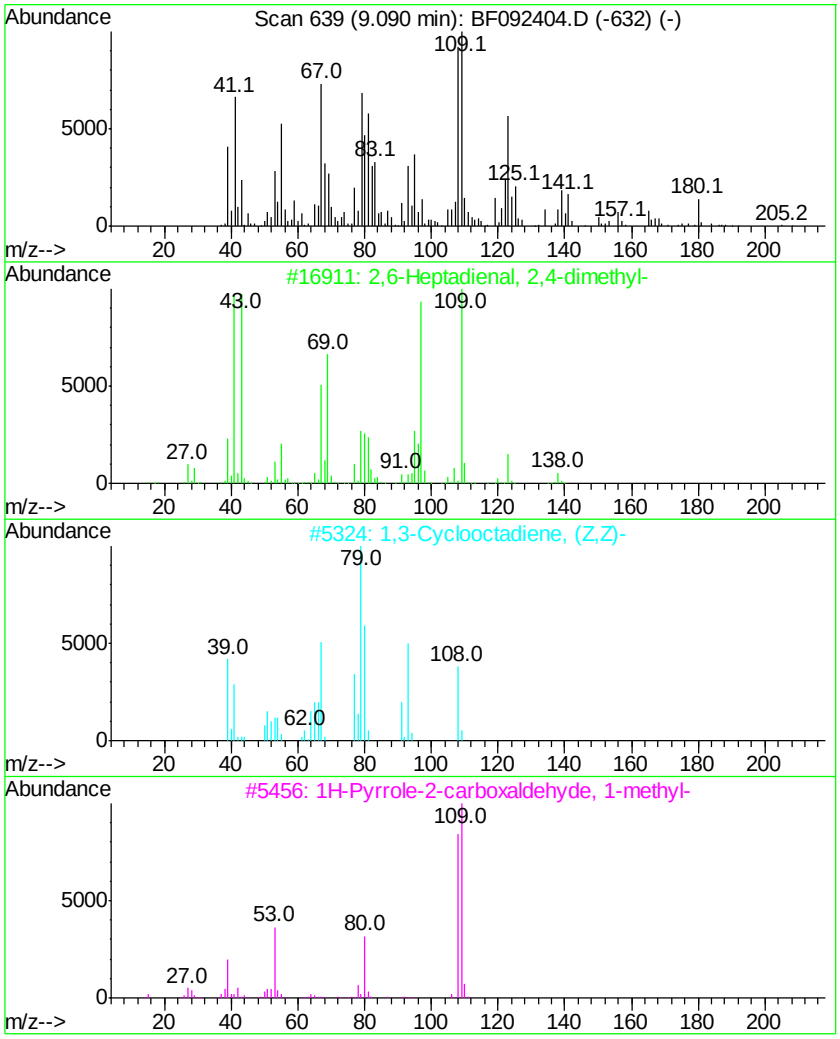
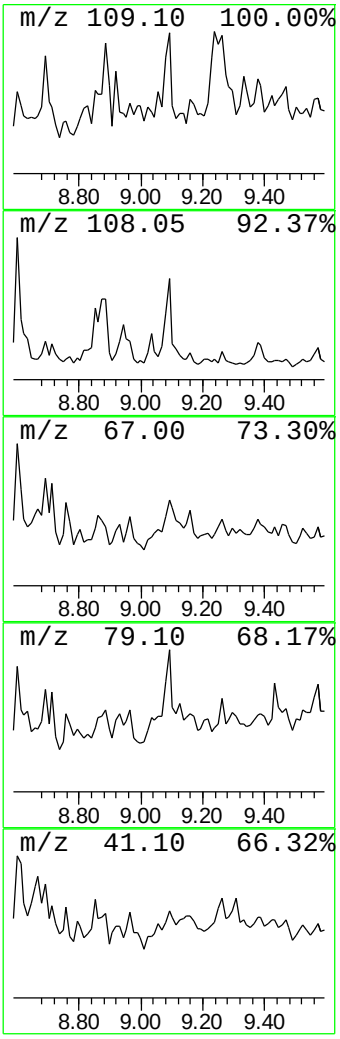
Peak Number 13 unknown9.09 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	33.96 ng	2389490	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	43
2	1,3-Cyclooctadiene, (Z,Z)-	108	C8H12	003806-59-5	42
3	1H-Pyrrole-2-carboxaldehyde, 1-m...	109	C6H7NO	001192-58-1	38
4	1H-Pyrrole-2-carboxaldehyde, 5-m...	109	C6H7NO	001192-79-6	38
5	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	38





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ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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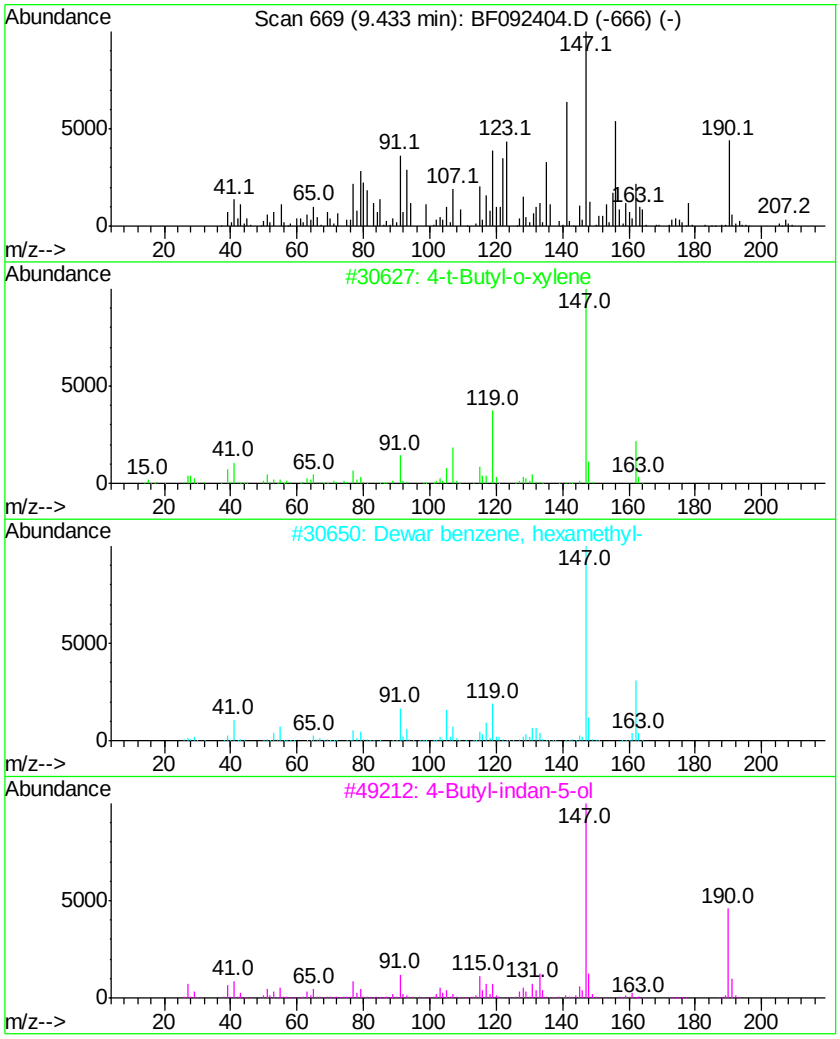
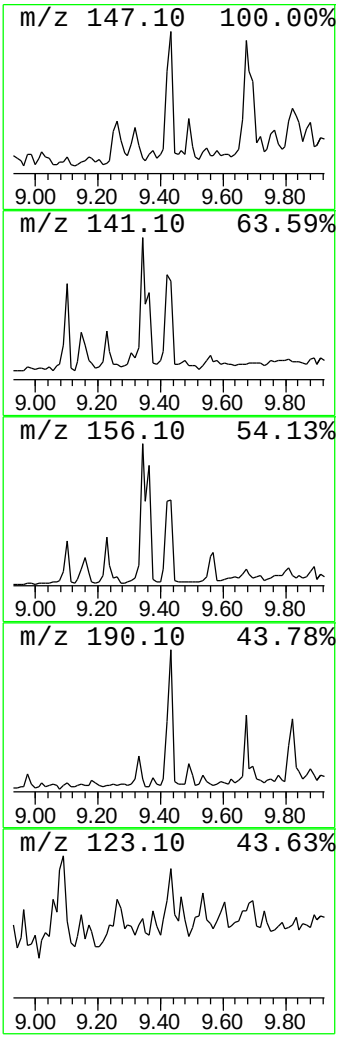
Peak Number 14 unknown9.43 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	9.18 ng	645601	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-t-Butyl-o-xylene	162	C12H18	007397-06-0	46
2	Dewar benzene, hexamethyl-	162	C12H18	007641-77-2	38
3	4-Butyl-indan-5-ol	190	C13H18O	1000194-67-3	38
4	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	38
5	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	000098-19-1	38





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Sample : I1267-06
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Instrument : BNA_F
ClientSampleId : MW-20

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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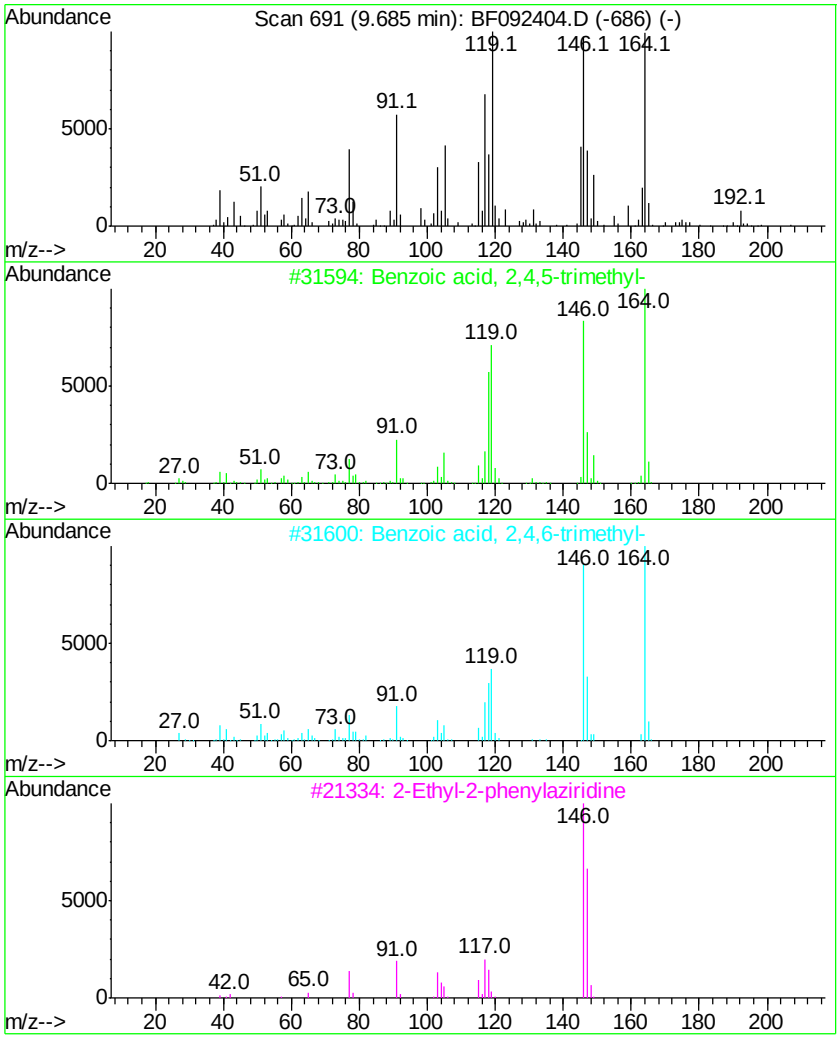
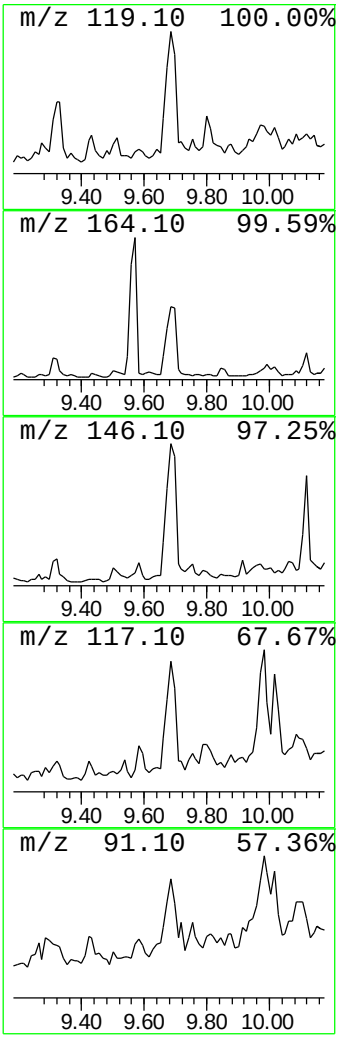
Peak Number 15 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	34.65 ng	2438450	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	58
2	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	58
3	2-Ethyl-2-phenylaziridine	147	C10H13N	000768-82-1	41
4	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	38
5	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	38





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Instrument : BNA_F
ClientSampleId : MW-20

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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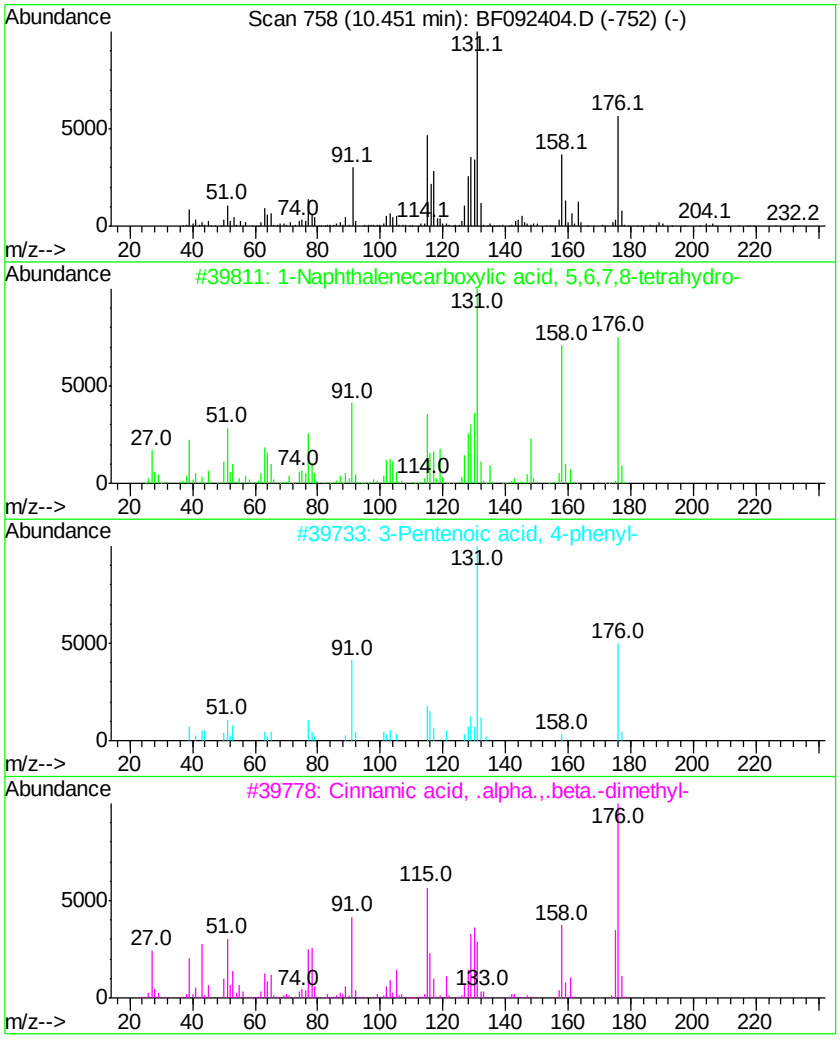
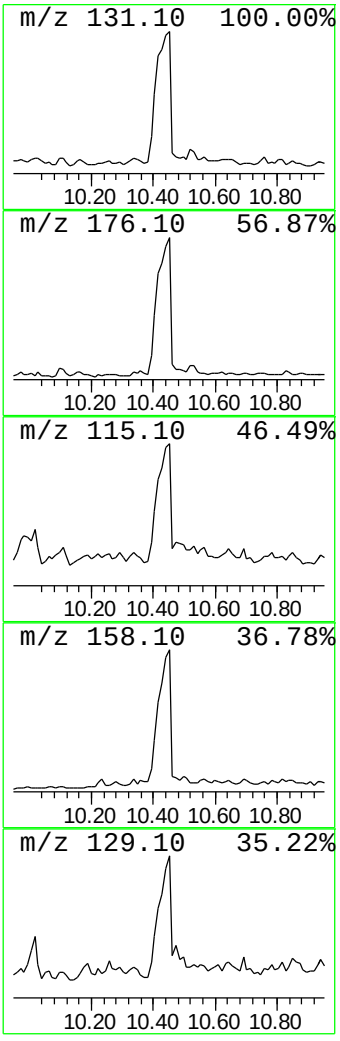
Peak Number 16 1-Naphthalenecarboxylic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	80.07 ng	4620650	Phenanthrene-d10	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	87
2	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	43
3	Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	43
4	Benzene, 1,3-bis(1-buten-3-yl-)-	186	C14H18	158117-62-5	37
5	1-Methylthiophthalazine	176	C9H8N2S	021948-74-3	35





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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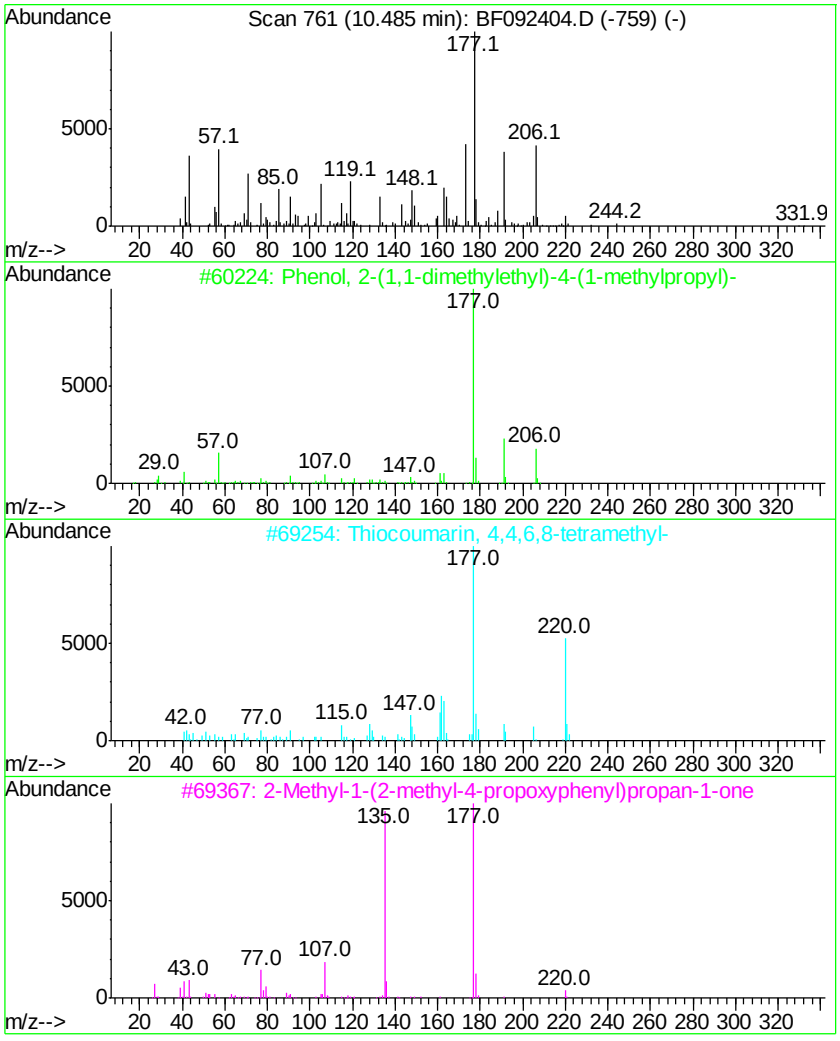
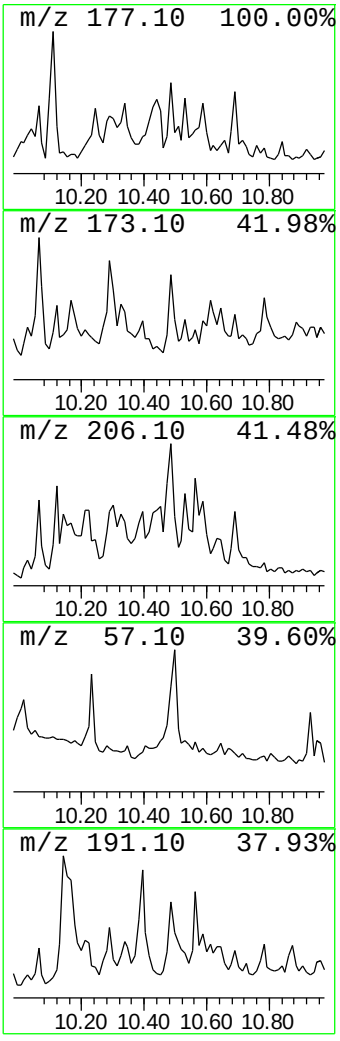
Peak Number 17 unknown10.48 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	18.25 ng	1053020	Phenanthrene-d10	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-4-...	206	C14H22O	052184-13-1	47
2	Thiocoumarin, 4,4,6,8-tetramethyl-	220	C13H16OS	1000128-90-3	35
3	2-Methyl-1-(2-methyl-4-propoxyph...	220	C14H20O2	1000190-22-4	30
4	Benzene, 1-(1-carboxyethyl)-4-(1...	206	C12H14O3	1000161-22-9	27
5	2-Benzyl-3-hydroxy-3-propionylox...	280	C15H20O5	1000190-18-9	27





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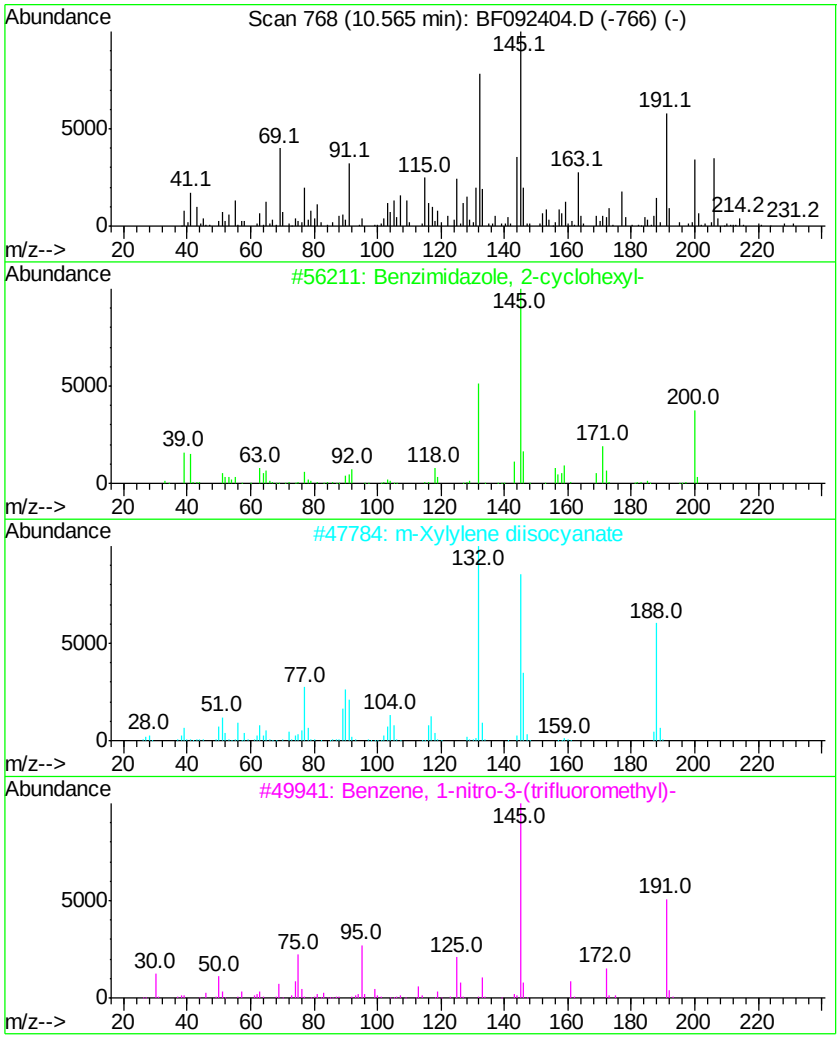
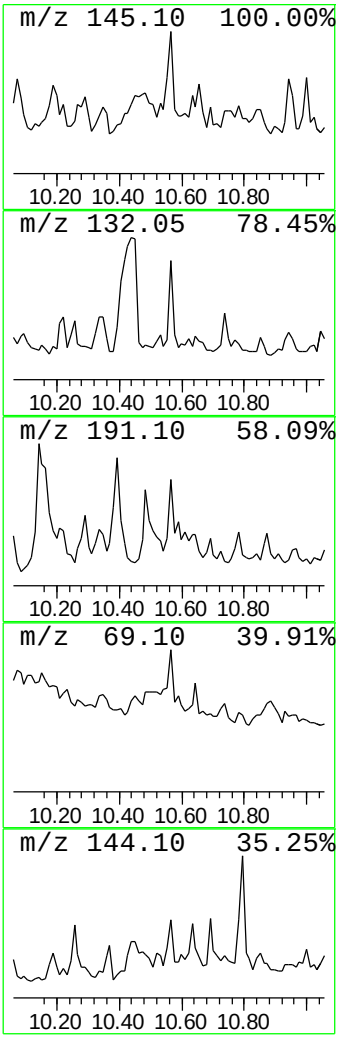
Peak Number 18 unknown10.56 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	7.71 ng	444992	Phenanthrene-d10	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzimidazole, 2-cyclohexyl-	200	C13H16N2	036947-70-3	49
2	m-Xylylene diisocyanate	188	C10H8N2O2	003634-83-1	35
3	Benzene, 1-nitro-3-(trifluoromet...	191	C7H4F3NO2	000098-46-4	27
4	1H-Benzimidazole, 2-pentyl-	188	C12H16N2	005851-46-7	22
5	4'-Diethylaminoacetanilide	206	C12H18N2O	005326-57-8	15





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Instrument : BNA_F
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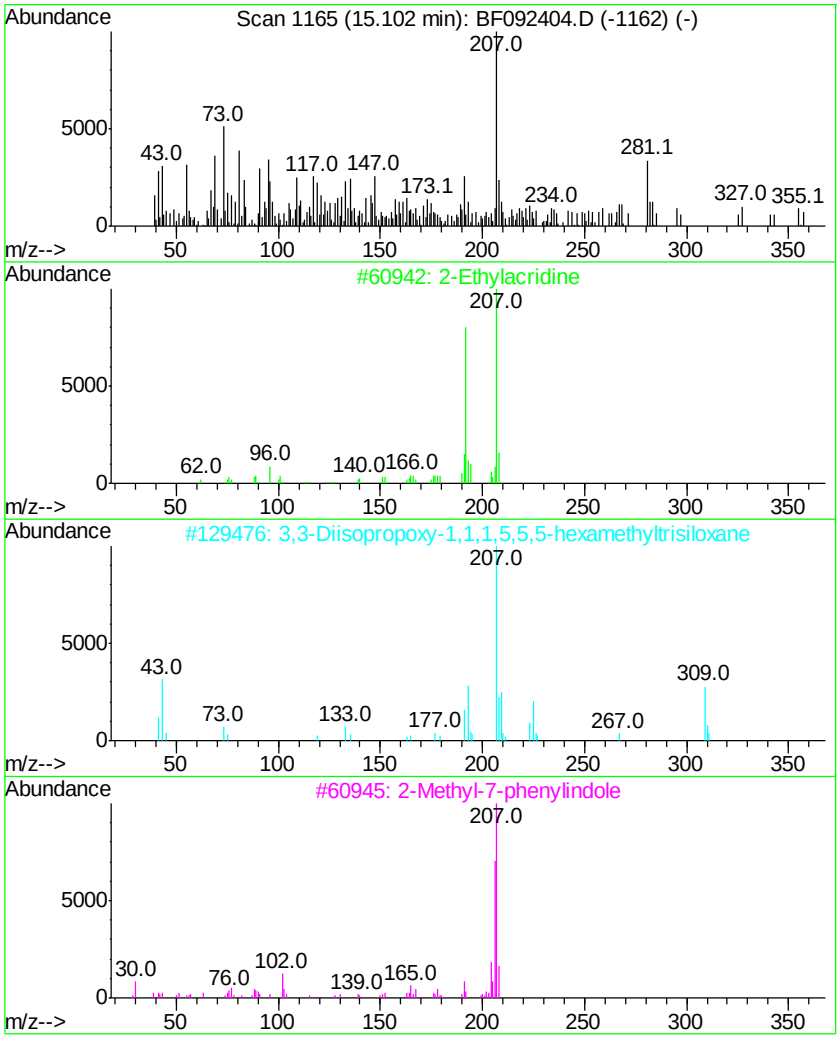
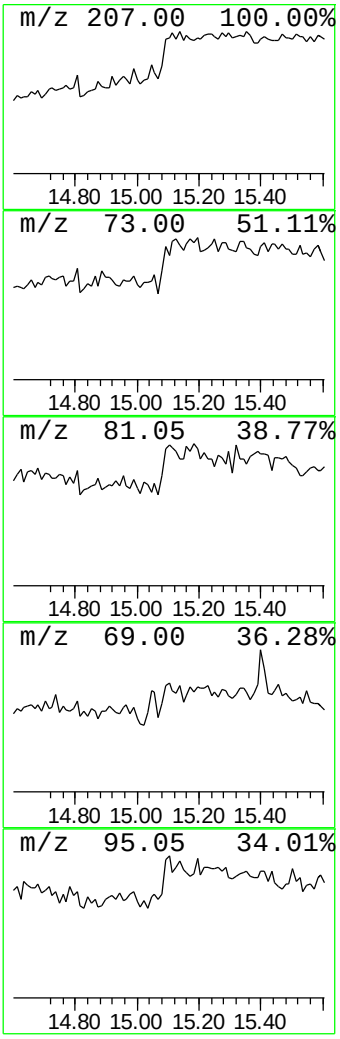
Peak Number 19 2-Ethylacridine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	11.76 ng	281479	Perylene-d12	15.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylacridine	207	C15H13N	055751-83-2	55
2	3,3-Diisopropoxy-1,1,1,5,5,5-hex...	324	C12H32O4Si3	018082-56-9	47
3	2-Methyl-7-phenylindole	207	C15H13N	001140-08-5	45
4	Anthracene, 9-ethyl-9,10-dihydro...	236	C18H20	054947-86-3	43
5	Anthracene, 9,10-dihydro-9,9,10-...	222	C17H18	014923-29-6	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092404.D
Acq On : 21 Jan 2017 8:20
Operator : UM/SJ
Sample : I1267-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

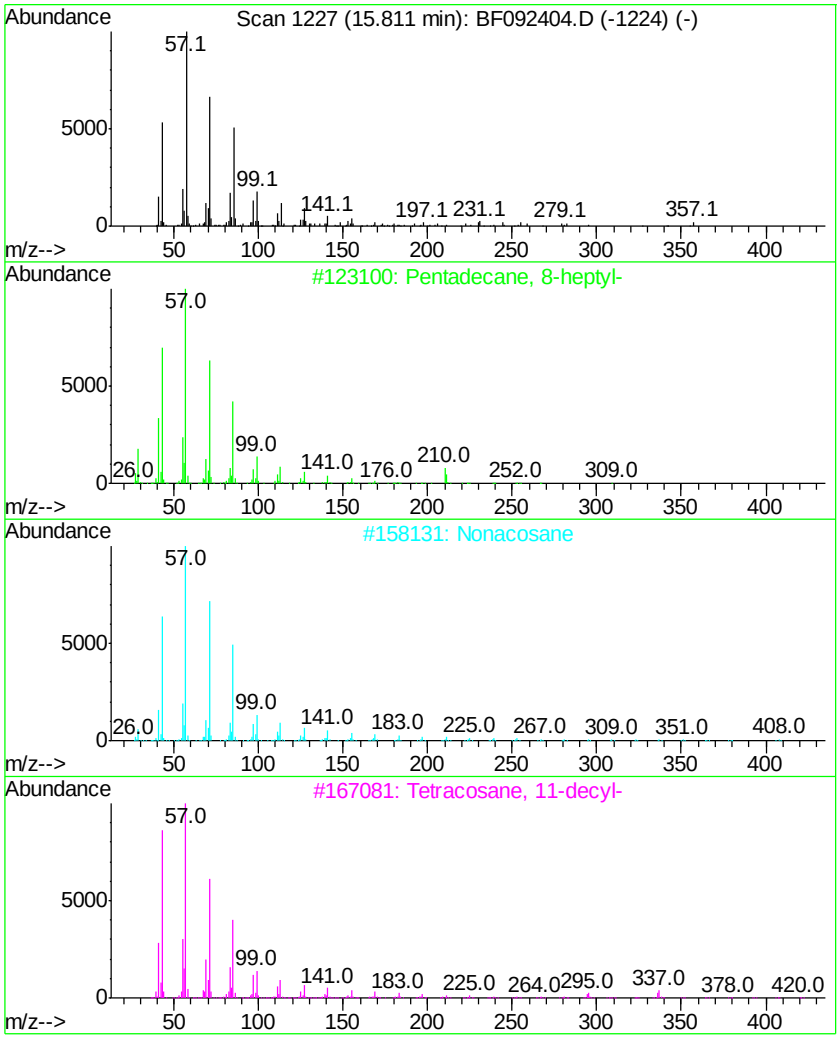
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

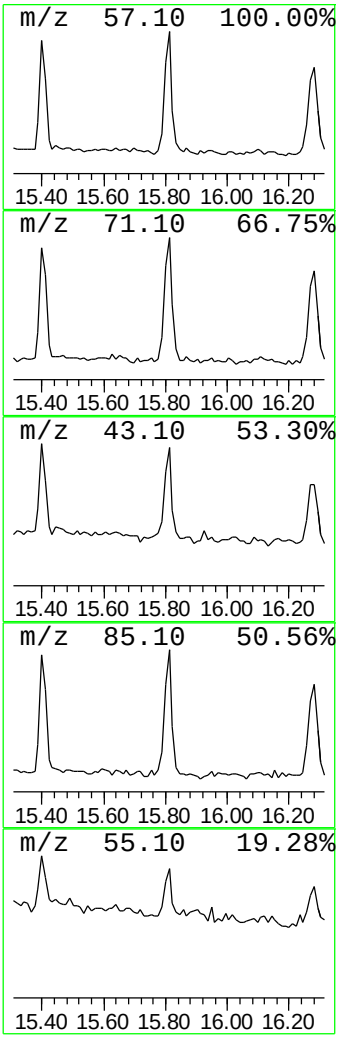
****

Peak Number 20 Pentadecane, 8-heptyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	7.31 ng	175074	Perylene-d12	15.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2	Nonacosane	408	C29H60	000630-03-5	90
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
4	Triacontane	422	C30H62	000638-68-6	86
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
Data File : BF092404.D
Acq On : 21 Jan 2017 8:20
Operator : UM/SJ
Sample : I1267-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.63	8.0	ng	539529	1	6.52	1341400	20.0
unknown6.30	6.30	61.5	ng	4121910	1	6.52	1341400	20.0
Benzene, 1,2-diet...	6.87	9.4	ng	632338	1	6.52	1341400	20.0
3-Hexyne	7.55	8.3	ng	1161630	2	7.81	2795130	20.0
Naphthalene, 1,2,...	8.02	7.4	ng	1036340	2	7.81	2795130	20.0
1-Methylindan-2-one	8.05	7.7	ng	1071010	2	7.81	2795130	20.0
Cyclohexane, 1,3,...	8.19	22.1	ng	3081650	2	7.81	2795130	20.0
unknown8.36	8.36	29.8	ng	4170930	2	7.81	2795130	20.0
unknown8.47	8.47	8.1	ng	1133360	2	7.81	2795130	20.0
2-Decalone,c&t	8.60	17.9	ng	2504380	2	7.81	2795130	20.0
unknown8.96	8.96	11.4	ng	803300	3	9.57	1407280	20.0
unknown9.09	9.09	34.0	ng	2389490	3	9.57	1407280	20.0
unknown9.43	9.43	9.2	ng	645601	3	9.57	1407280	20.0
Benzoic acid, 2,4...	9.68	34.6	ng	2438450	3	9.57	1407280	20.0
1-Naphthalenecarb...	10.45	80.1	ng	4620650	4	11.04	1154180	20.0
unknown10.48	10.48	18.3	ng	1053020	4	11.04	1154180	20.0
unknown10.56	10.56	7.7	ng	444992	4	11.04	1154180	20.0
2-Ethylacridine	15.10	11.8	ng	281479	6	15.02	478712	20.0
Pentadecane, 8-he...	15.81	7.3	ng	175074	6	15.02	478712	20.0