LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
Data File : BF083853.D
Acq On : 16 Dec 2015 17:33
Operator : UM/SJ
Sample : G4793-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02-121115

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-BF121315.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	5.070	259	261	265	rVB	197625	231060	7.68%	0.572%
2	5.493	296	298	301	rVB	952522	1148268	38.18%	2.845%
3	6.053	345	347	349	rVB	96707	105211	3.50%	0.261%
4	6.350	371	373	375	rVB	122294	99986	3.32%	0.248%
5	6.521	386	388	390	rBV	857173	793623	26.39%	1.966%
6	6.659	397	400	402	rBV	2150303	1983904	65.97%	4.915%
7	6.853	414	417	418	rVB	110171	120486	4.01%	0.298%
8	6.887	418	420	422	rBV	596425	550652	18.31%	1.364%
9	7.047	431	434	439	rBV2	2022982	2243119	74.59%	5.557%
10	7.150	441	443	444	rVV2	56915	70476	2.34%	0.175%
11	7.242	447	451	453	rBV2	92309	143522	4.77%	0.356%
12	7.287	453	455	459	rBV3	32249	72624	2.42%	0.180%
13	7.459	463	470	473	rBV2	1397433	2245394	74.67%	5.563%
14	7.539	475	477	479	rBV	102010	93038	3.09%	0.230%
15	7.584	479	481	484	rBV2	60947	83779	2.79%	0.208%
16	7.664	486	488	490	rVB	549005	483831	16.09%	1.199%
17	7.710	490	492	494	rBV	27042	47232	1.57%	0.117%
18	7.744	494	495	497	rVB2	41906	38846	1.29%	0.096%
19	7.790	497	499	501	rBV3	20570	39894	1.33%	0.099%
20	7.847	501	504	507	rVB3	257113	385288	12.81%	0.954%
21	7.916	507	510	512	rBV	1104012	1027752	34.18%	2.546%
22	7.984	514	516	518	rVB3	33133	44288	1.47%	0.110%
23	8.099	523	526	528	rBV3	56290	157840	5.25%	0.391%
24	8.167	528	532	536	rVV3	813381	1537208	51.12%	3.808%
25	8.225	536	537	539	rVB	389138	291038	9.68%	0.721%
26	8.270	539	541	545	rBV3	165559	273483	9.09%	0.677%
27	8.373	548	550	552	rBV	365726	360485	11.99%	0.893%
28	8.419	552	554	556	rVV	306254	361624	12.03%	0.896%
29	8.453	556	557	560	rVB	301569	272429	9.06%	0.675%
30	8.567	565	567	569	rBV	332014	422028	14.03%	1.045%
31	8.647	569	574	575	rBV	392243	432610	14.39%	1.072%
32	8.682	575	577	578	rBV	44259	36266	1.21%	0.090%
33	8.739	580	582	583	rVB2	171594	156094	5.19%	0.387%
34	8.762	583	584	586	rVB2	224425	233932	7.78%	0.580%

LSC Area Percent Report

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Acq On : 16 Dec 2015 17:33
Operator : UM/SJ
Sample : G4793-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02-121115

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-BF121315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.807	586	588	589	rBV2	94500	124665	4.15%	0.309%
36	8.842	589	591	592	rVB	398269	471865	15.69%	1.169%
37	8.876	592	594	595	rBV	78016	104771	3.48%	0.260%
38	8.933	595	599	601	rBV2	50914	110207	3.66%	0.273%
39	8.990	601	604	606	rBV	2144481	2236346	74.37%	5.540%
40	9.025	606	607	611	rVB2	88601	123480	4.11%	0.306%
41	9.082	611	612	614	rBV	102586	102389	3.40%	0.254%
42	9.116	614	615	618	rBV2	103724	146419	4.87%	0.363%
43	9.173	618	620	622	rVB2	117416	113206	3.76%	0.280%
44	9.219	622	624	625	rBV2	62770	87258	2.90%	0.216%
45	9.253	625	627	629	rBV	2992601	2715591	90.30%	6.727%
46	9.356	634	636	638	rBV2	57343	64183	2.13%	0.159%
47	9.402	638	640	641	rBV	218556	224209	7.46%	0.555%
48	9.459	644	645	647	rVB	198853	140843	4.68%	0.349%
49	9.516	647	650	652	rBV3	204087	354489	11.79%	0.878%
50	9.585	654	656	663	rVB2	899757	1361631	45.28%	3.373%
51	9.710	663	667	669	rVB3	333937	834787	27.76%	2.068%
52	9.790	671	674	676	rVB	411678	413969	13.77%	1.026%
53	9.836	676	678	679	rBV	90086	118101	3.93%	0.293%
54	9.870	679	681	683	rBV3	55657	85118	2.83%	0.211%
55	9.928	684	686	688	rBV	988394	1030701	34.27%	2.553%
56	9.962	688	689	692	rVV2	213932	348028	11.57%	0.862%
57	10.030	692	695	698	rVV4	168802	429501	14.28%	1.064%
58	10.076	698	699	702	rVB3	83881	133411	4.44%	0.330%
59	10.133	702	704	706	rBV	325915	383354	12.75%	0.950%
60	10.168	706	707	708	rVV	165458	136131	4.53%	0.337%
61	10.248	712	714	715	rVV	359944	358600	11.92%	0.888%
62	10.282	715	717	719	rVV2	226420	320554	10.66%	0.794%
63	10.350	719	723	726	rVB4	295754	549807	18.28%	1.362%
64	10.419	726	729	732	rBV4	125896	233904	7.78%	0.579%
65	10.476	732	734	737	rBV2	244240	352680	11.73%	0.874%
66	10.545	737	740	743	rVV	399589	551065	18.32%	1.365%
67	10.590	743	744	745	rVV	112286	117172	3.90%	0.290%
68	10.670	749	751	753	rBV2	99563	134744	4.48%	0.334%
69	10.716	753	755	758	rVV	1572652	1783216	59.30%	4.418%
70	10.762	758	759	761	rVB2	61683	50047	1.66%	0.124%
71	10.842	763	766	769	rVB3	258107	394430	13.12%	0.977%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
Data File : BF083853.D
Acq On : 16 Dec 2015 17:33
Operator : UM/SJ
Sample : G4793-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02-121115

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-BF121315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.910	769	772	774	rBV3	90559	186759	6.21%	0.463%
73	11.048	783	784	786	rBV	217780	219890	7.31%	0.545%
74	11.105	787	789	790	rVB2	84293	90172	3.00%	0.223%
75	11.128	790	791	793	rBV2	43029	53334	1.77%	0.132%
76	11.173	793	795	797	rVB	76693	100600	3.35%	0.249%
77	11.288	804	805	806	rBV	42263	32179	1.07%	0.080%
78	11.413	811	816	817	rBV	819313	872401	29.01%	2.161%
79	11.436	817	818	819	rVV	64116	46423	1.54%	0.115%
80	11.516	823	825	827	rVB2	89910	136771	4.55%	0.339%
81	11.619	832	834	841	rVB7	33000	92854	3.09%	0.230%
82	11.951	861	863	867	rVB5	83126	142406	4.74%	0.353%
83	12.019	867	869	872	rVB2	44488	72632	2.42%	0.180%
84	12.453	904	907	910	rVB3	35735	67989	2.26%	0.168%
85	12.545	913	915	917	rBV3	24280	30486	1.01%	0.076%
86	12.876	942	944	950	rVB	60262	94852	3.15%	0.235%
87	13.002	952	955	957	rVV	2104269	3007194	100.00%	7.450%
88	13.036	957	958	962	rVB3	20864	39103	1.30%	0.097%
89	13.894	1030	1033	1037	rBV3	35016	56976	1.89%	0.141%
90	14.042	1043	1046	1048	rBV	733949	705229	23.45%	1.747%
91	15.482	1169	1172	1174	rBV	336220	490193	16.30%	1.214%

Sum of corrected areas: 40366625

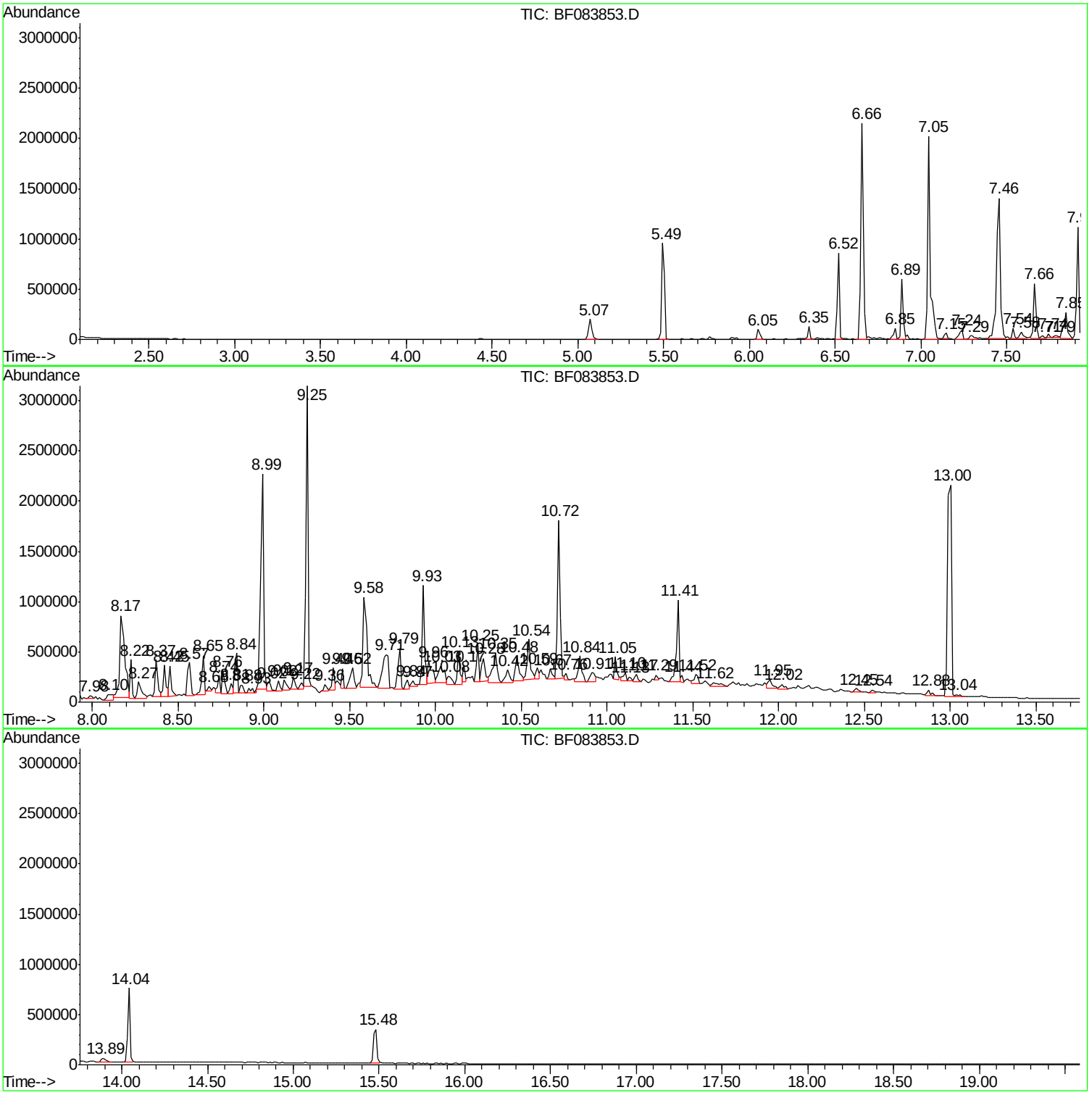
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
Data File : BF083853.D
Acq On : 16 Dec 2015 17:33
Operator : UM/SJ
Sample : G4793-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02-121115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
Data File : BF083853.D
Acq On : 16 Dec 2015 17:33
Operator : UM/SJ
Sample : G4793-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02-121115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

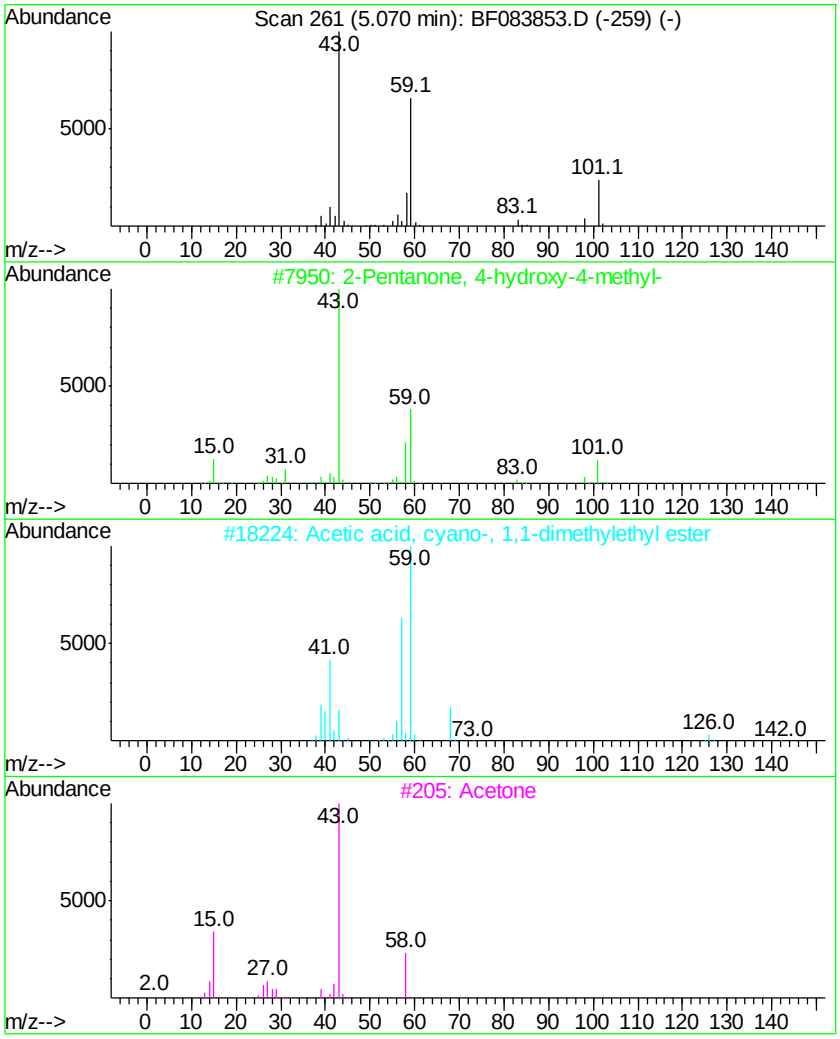
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

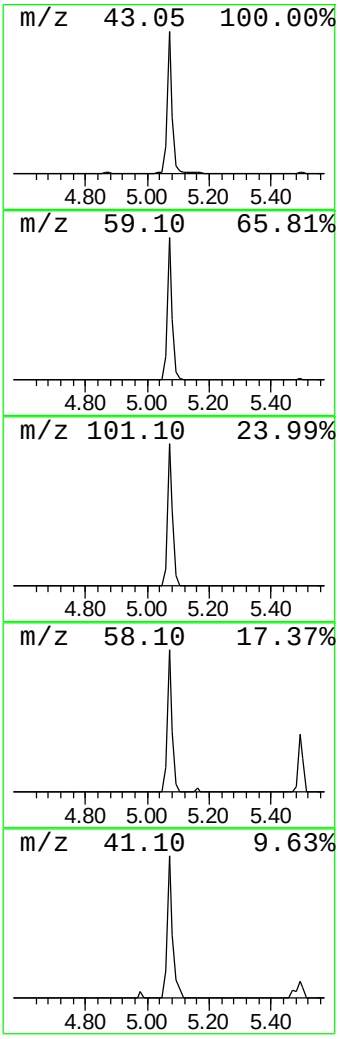
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	8.39 ng	231060	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Acetone	58	C3H6O	000067-64-1	10
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
Data File : BF083853.D
Acq On : 16 Dec 2015 17:33
Operator : UM/SJ
Sample : G4793-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02-121115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

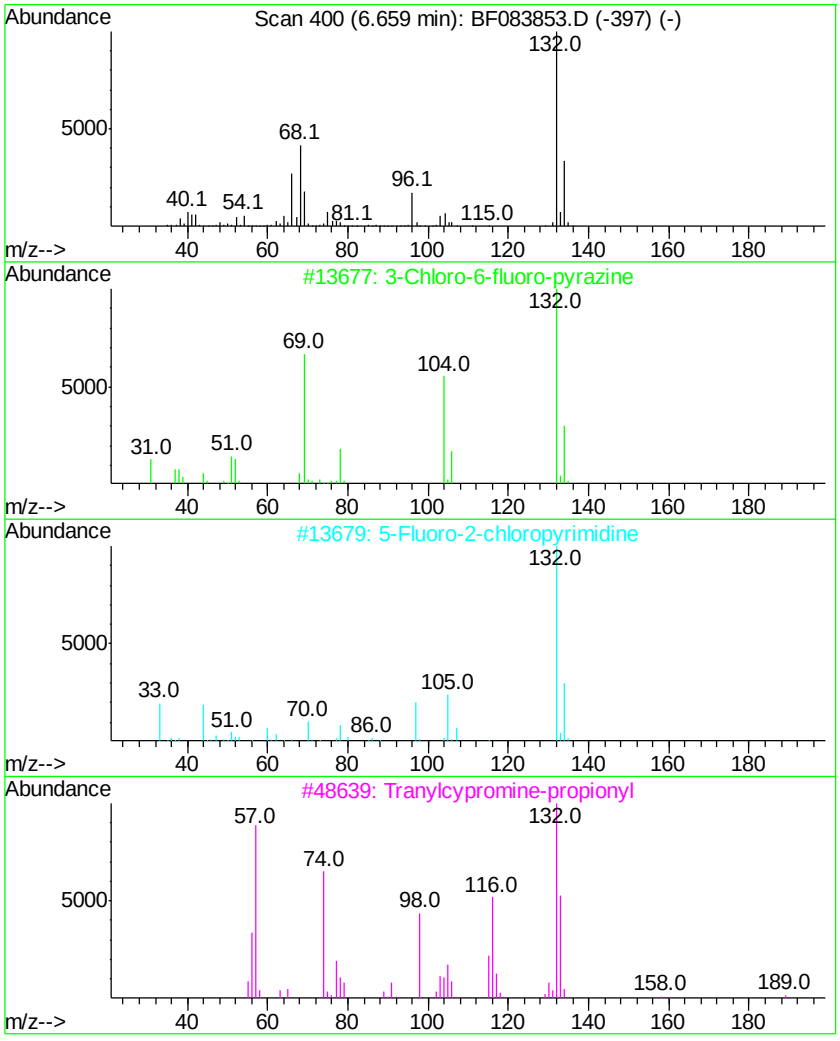
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

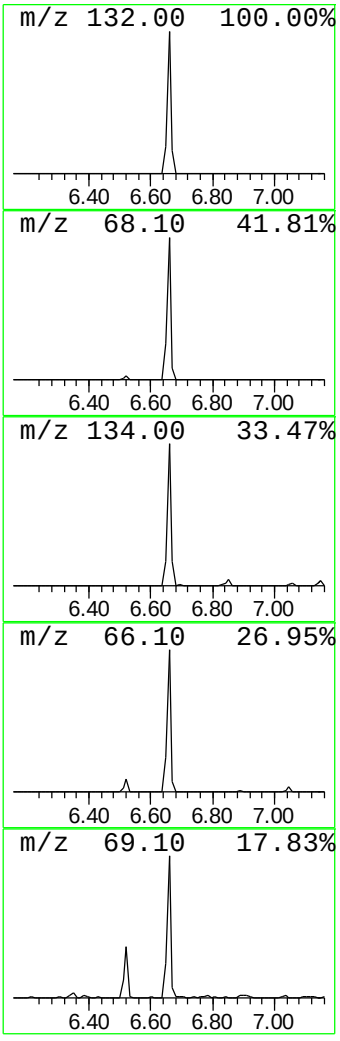
****

Peak Number 2 unknown6.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	72.06 ng	1983900	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
Data File : BF083853.D
Acq On : 16 Dec 2015 17:33
Operator : UM/SJ
Sample : G4793-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02-121115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

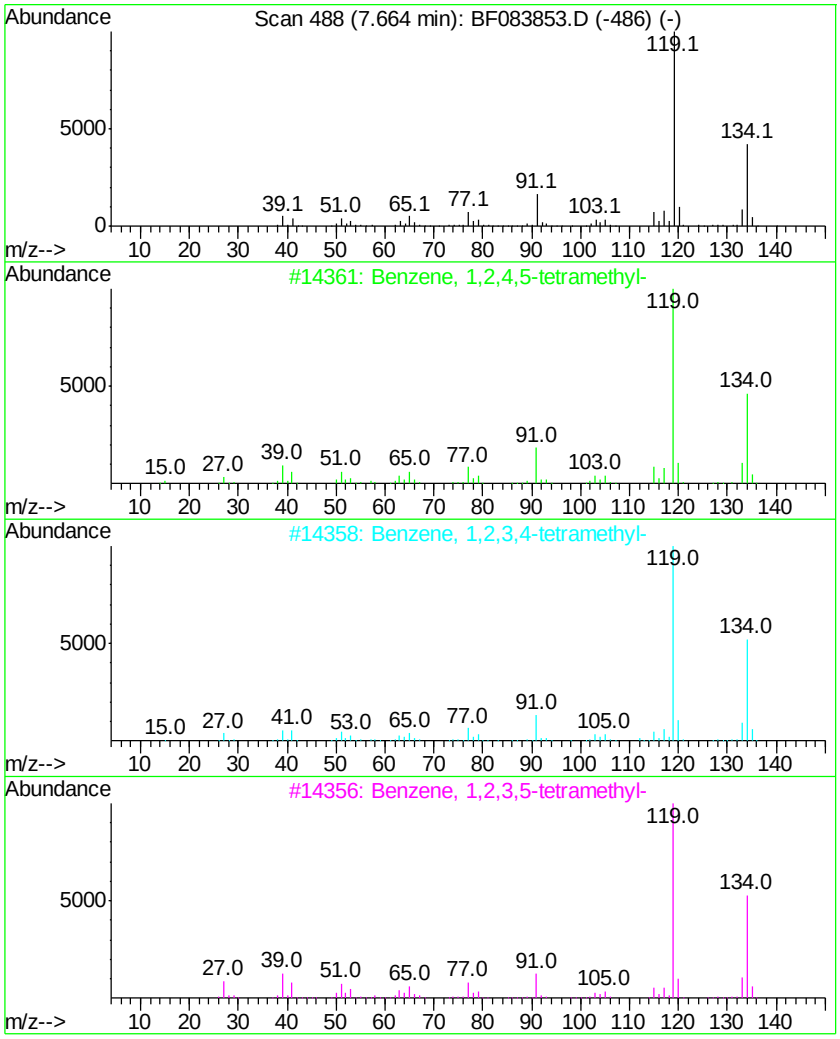
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

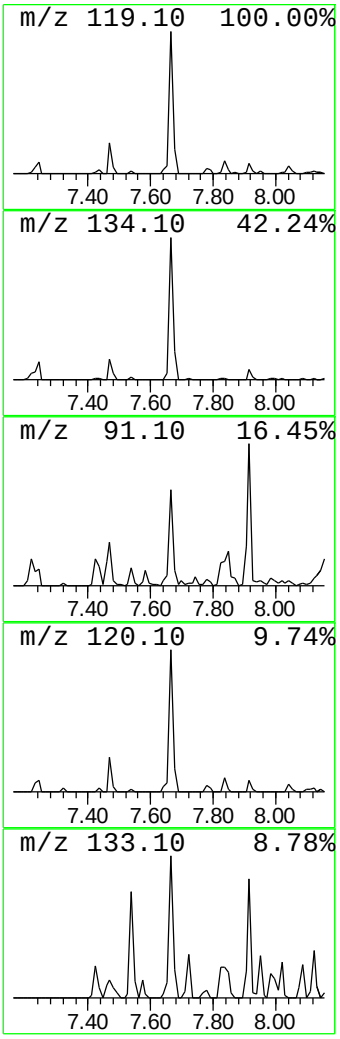
****

Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	6.29 ng	483831	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
Data File : BF083853.D
Acq On : 16 Dec 2015 17:33
Operator : UM/SJ
Sample : G4793-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02-121115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

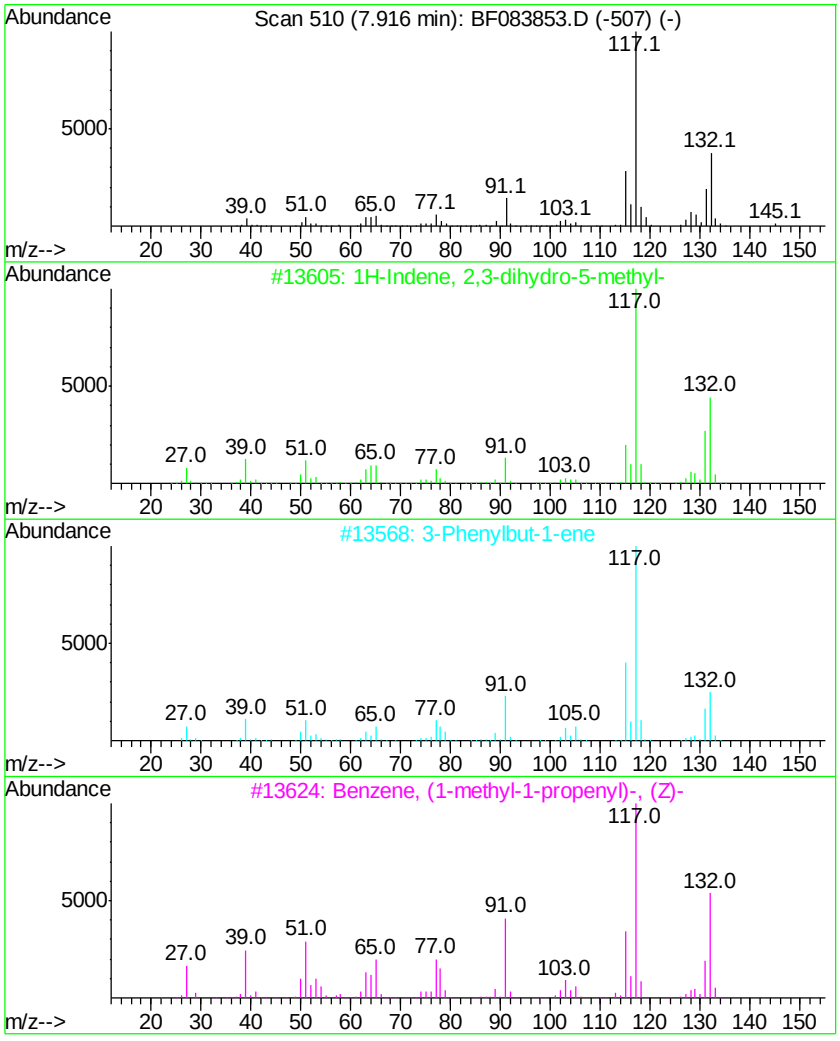
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

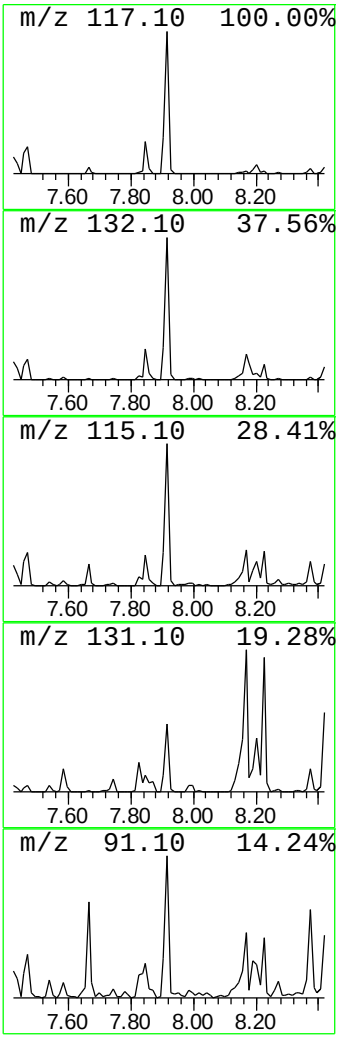
****

Peak Number 5 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	13.37 ng	1027750	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	91
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
Data File : BF083853.D
Acq On : 16 Dec 2015 17:33
Operator : UM/SJ
Sample : G4793-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02-121115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

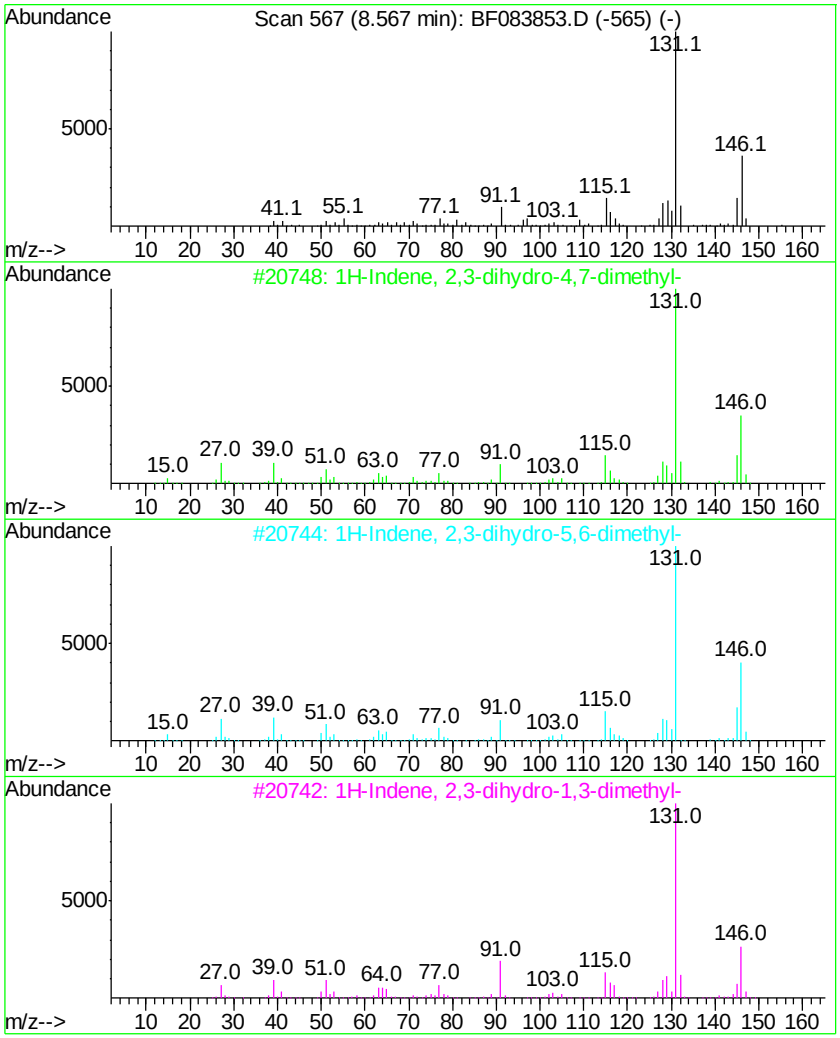
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

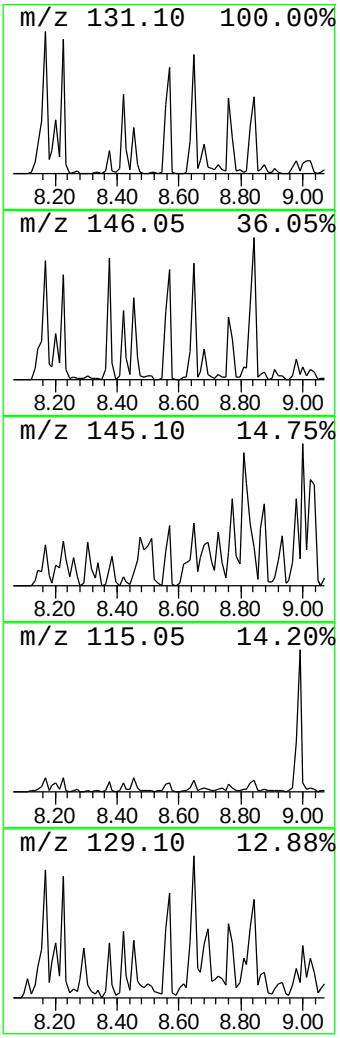
****

Peak Number 6 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	5.49 ng	422028	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	91
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
Data File : BF083853.D
Acq On : 16 Dec 2015 17:33
Operator : UM/SJ
Sample : G4793-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02-121115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

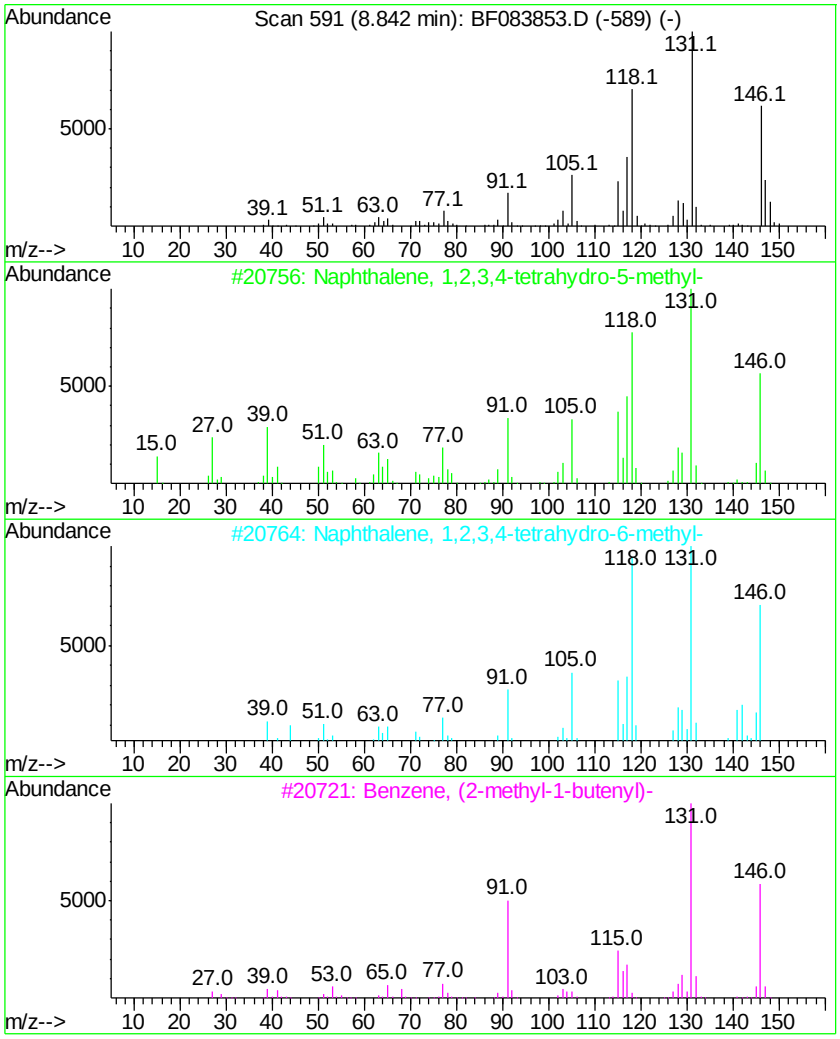
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

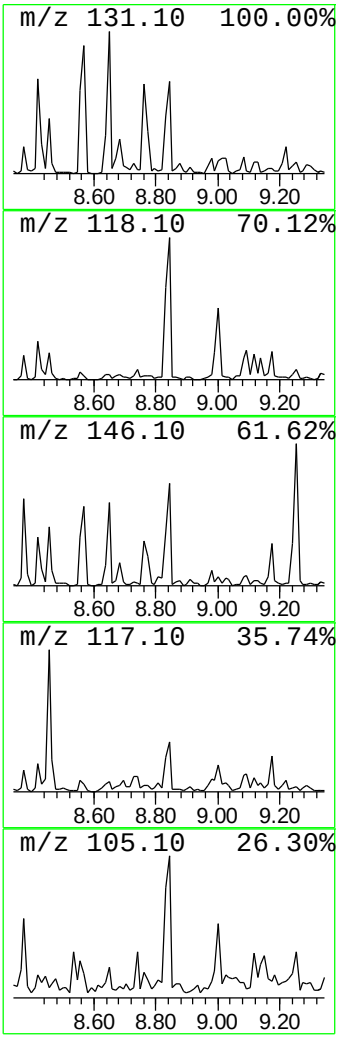
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	6.14 ng	471865	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	62
4	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	62
5	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
Data File : BF083853.D
Acq On : 16 Dec 2015 17:33
Operator : UM/SJ
Sample : G4793-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02-121115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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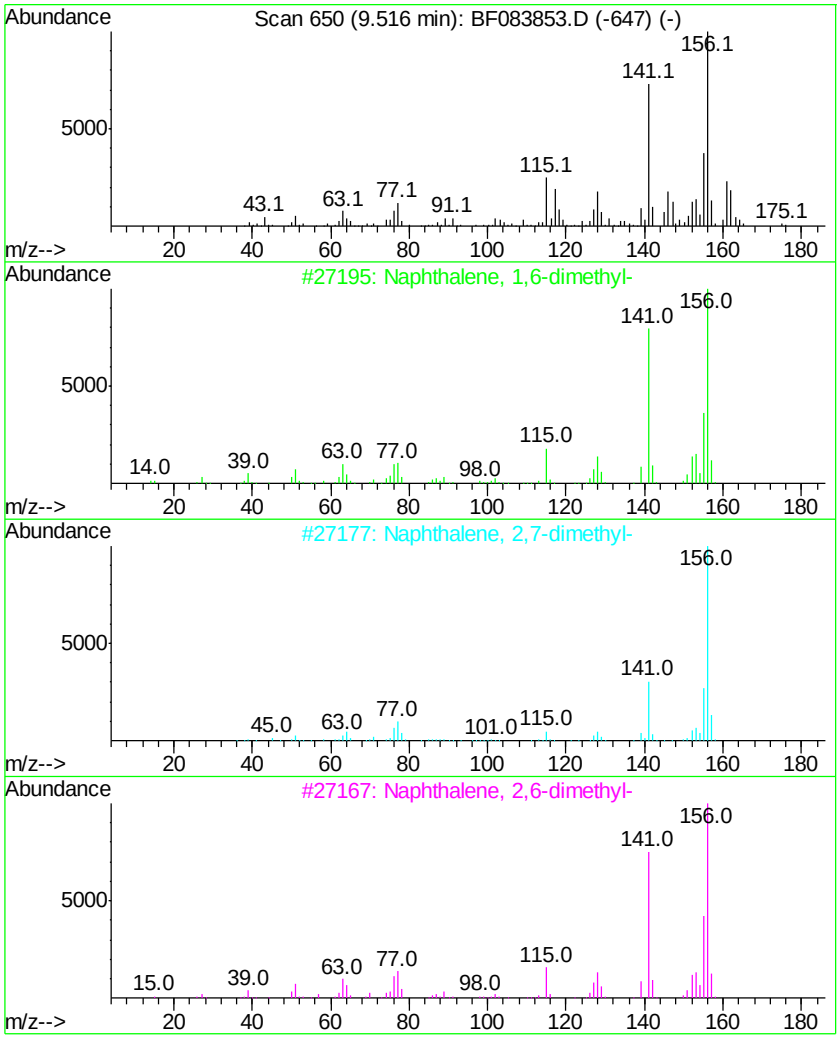
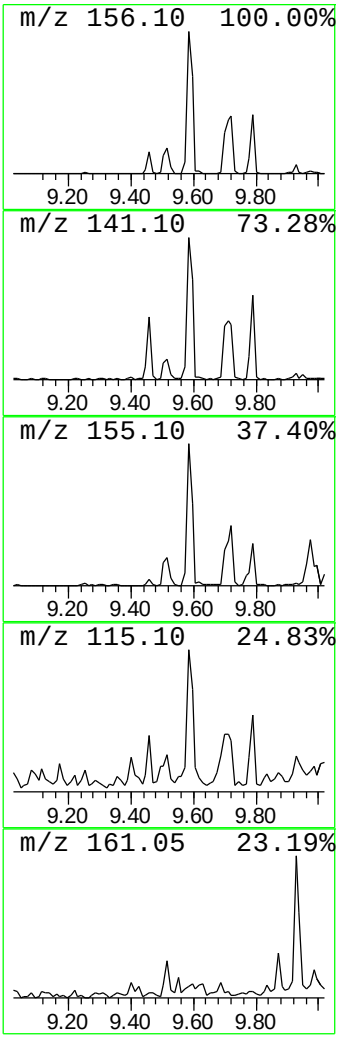
Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	6.88 ng	354489	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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Acq On : 16 Dec 2015 17:33
Operator : UM/SJ
Sample : G4793-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02-121115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

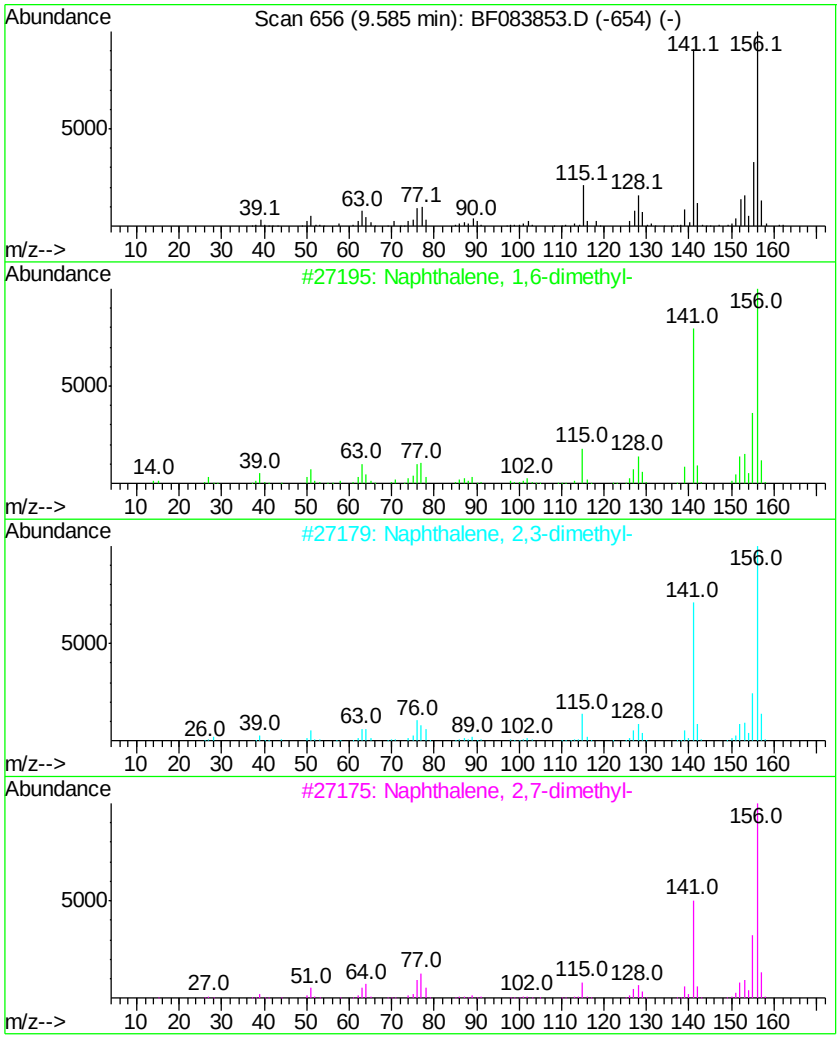
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

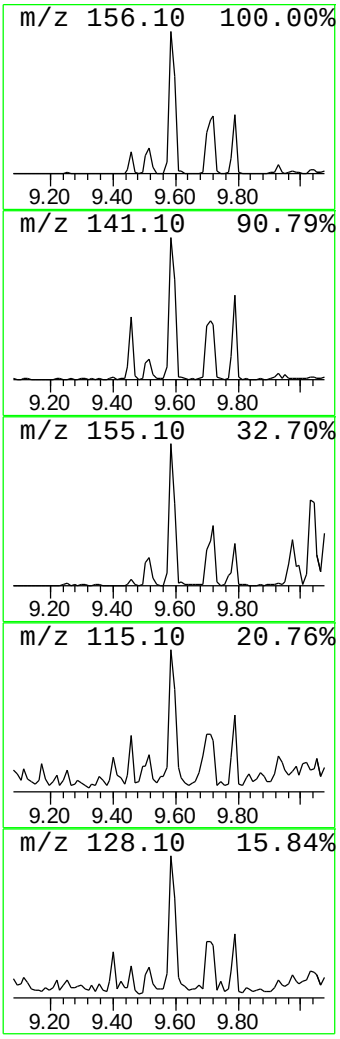
****

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	26.42 ng	1361630	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Library Search Compound Report

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Data File : BF083853.D
Acq On : 16 Dec 2015 17:33
Operator : UM/SJ
Sample : G4793-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02-121115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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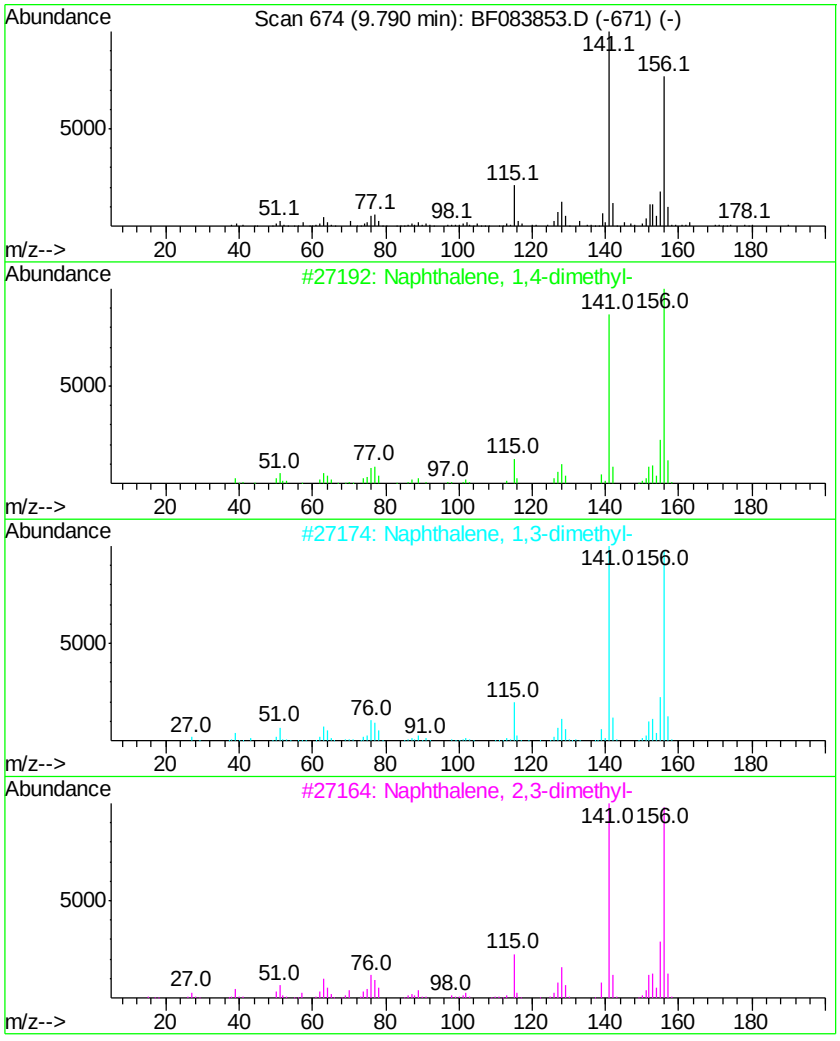
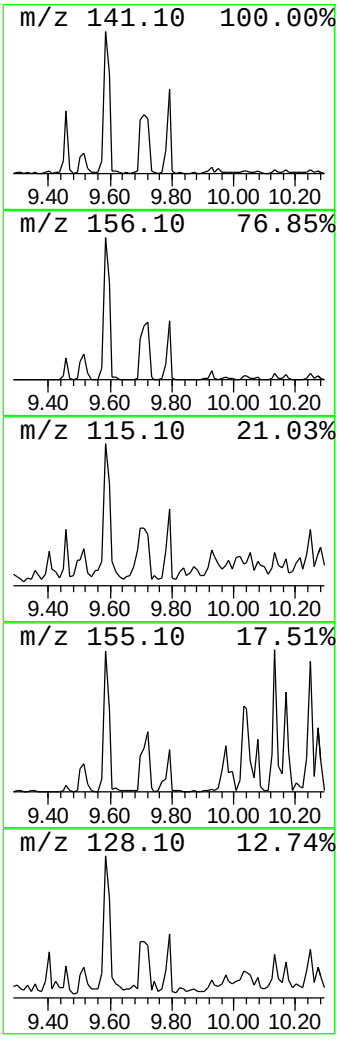
Peak Number 13 Naphthalene, 1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	8.03 ng	413969	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95





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Acq On : 16 Dec 2015 17:33
Operator : UM/SJ
Sample : G4793-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02-121115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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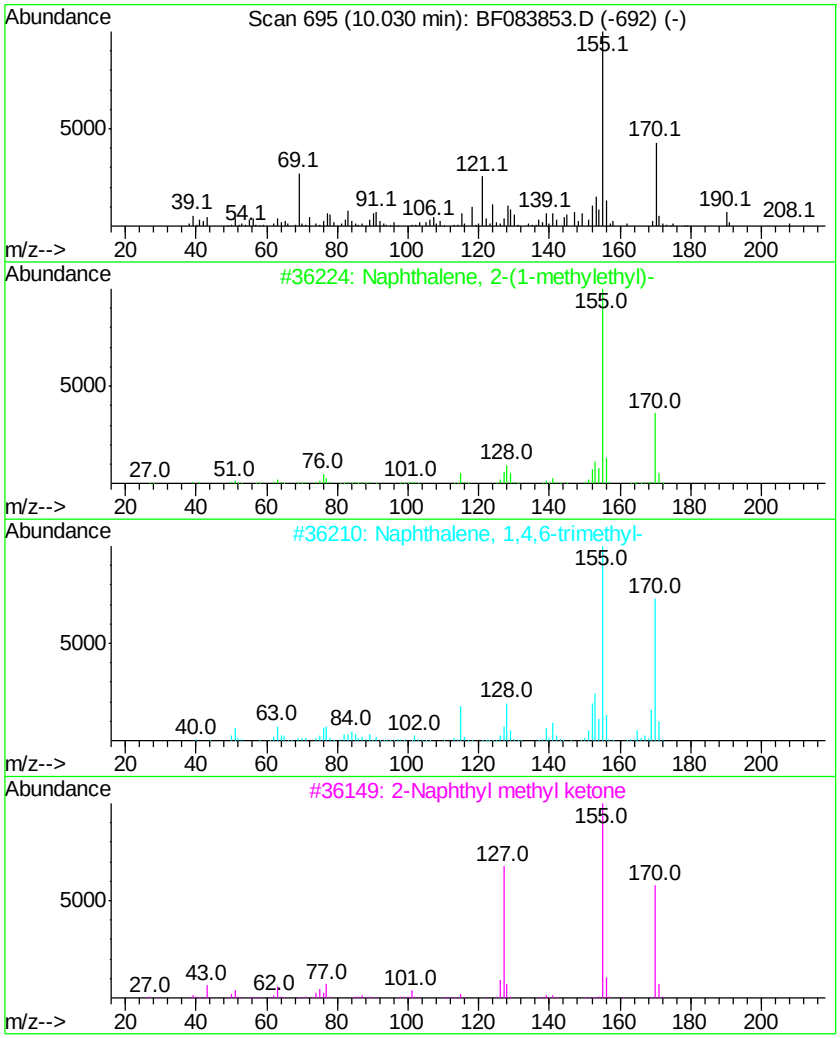
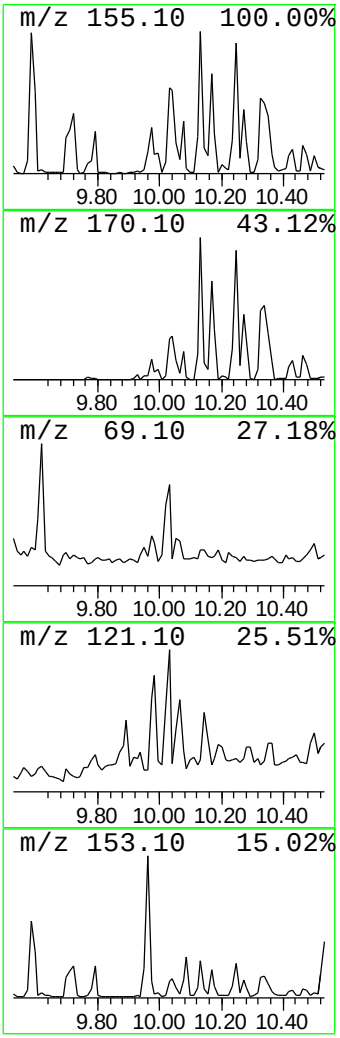
Peak Number 14 Naphthalene, 2-(1-methyleth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	8.33 ng	429501	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	78
3	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	68
4	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	64
5	1'-Acetonaphthone	170	C12H10O	000941-98-0	64





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Acq On : 16 Dec 2015 17:33
Operator : UM/SJ
Sample : G4793-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02-121115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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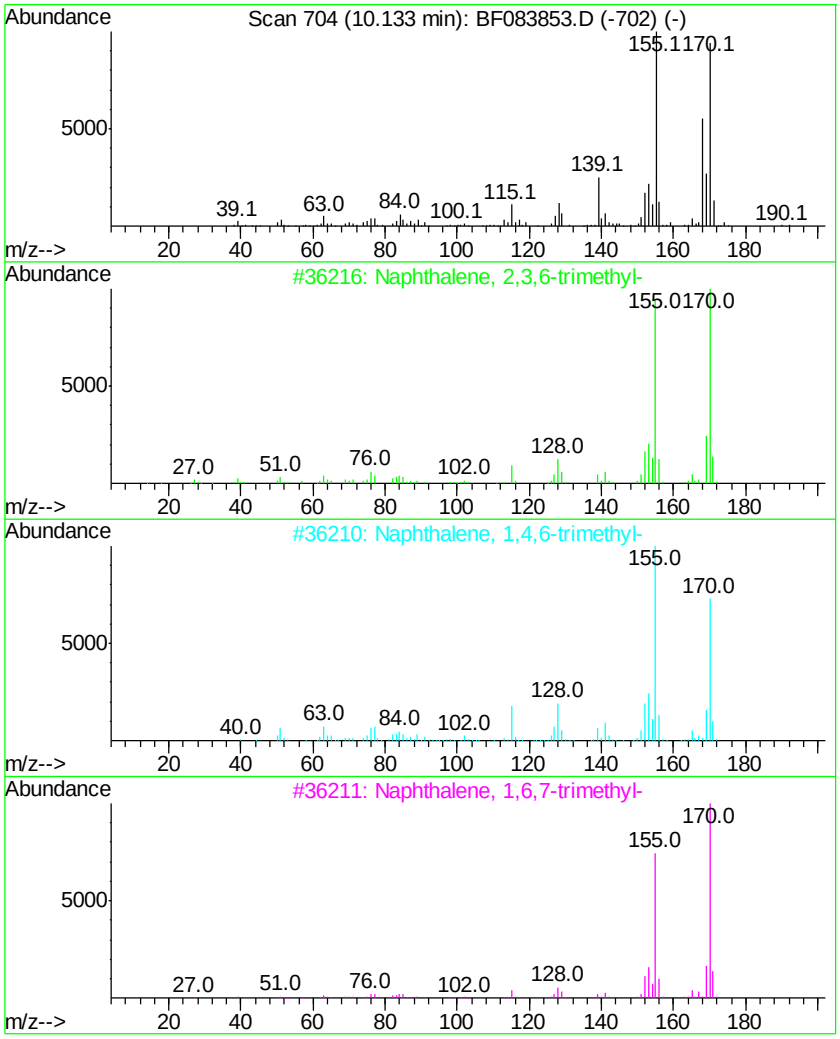
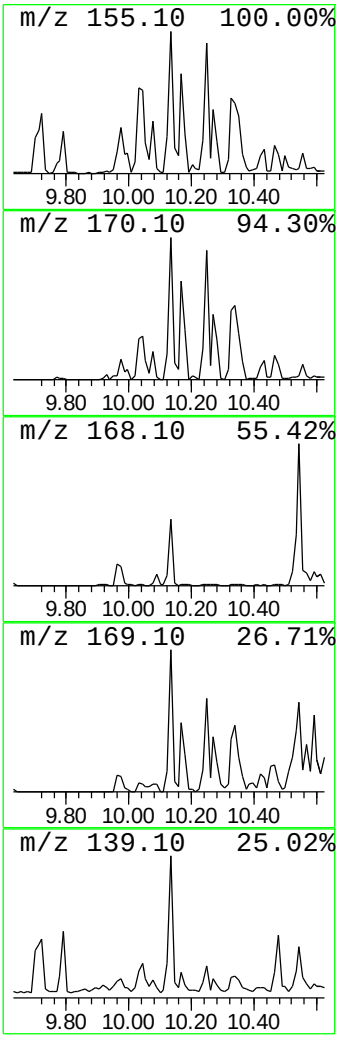
Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	7.44 ng	383354	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	68





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Acq On : 16 Dec 2015 17:33
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Sample : G4793-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02-121115

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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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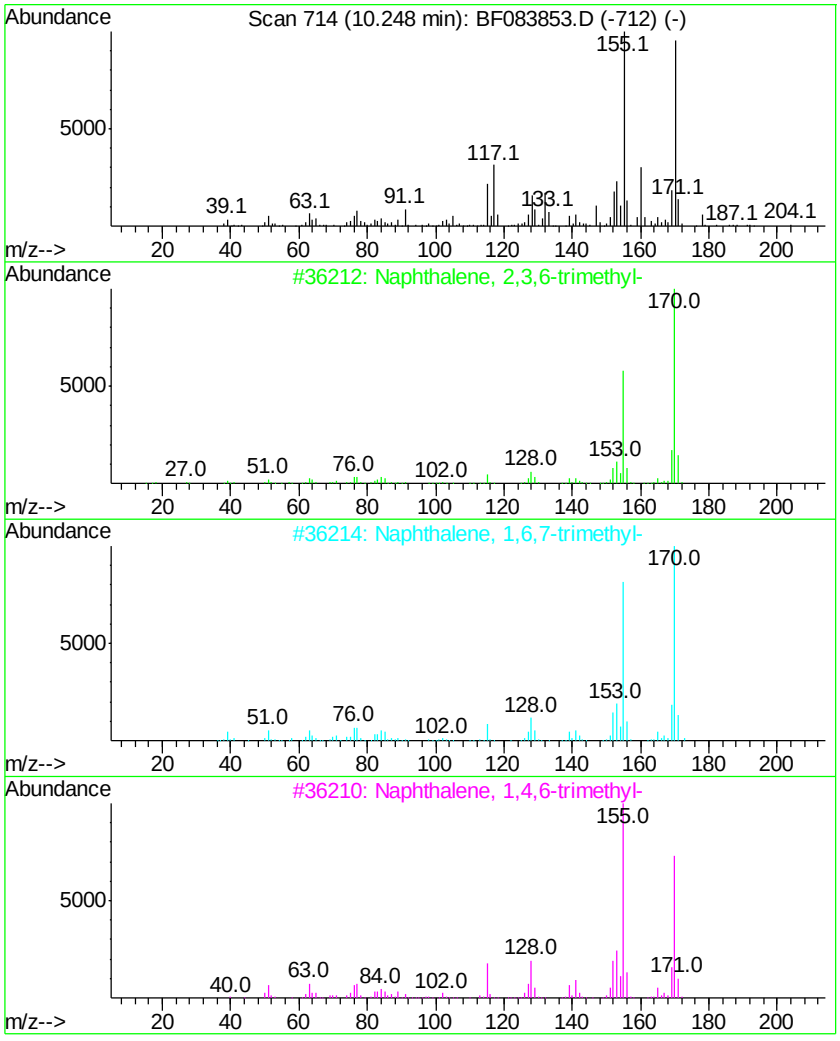
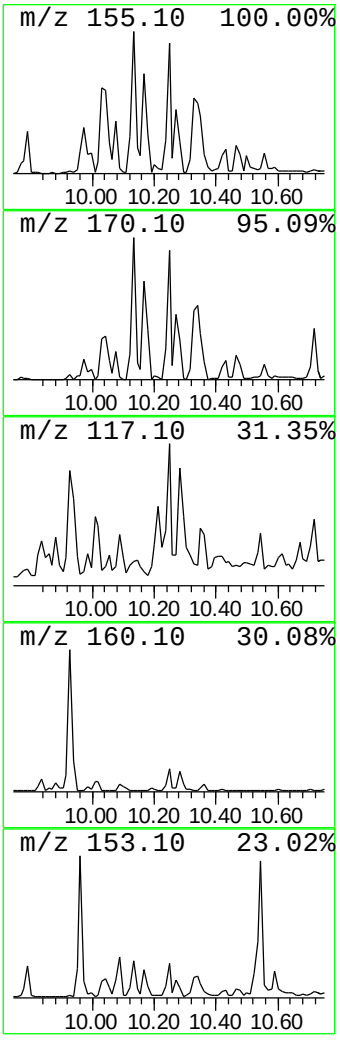
Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	6.96 ng	358600	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	91





Library Search Compound Report

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Operator : UM/SJ
Sample : G4793-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02-121115

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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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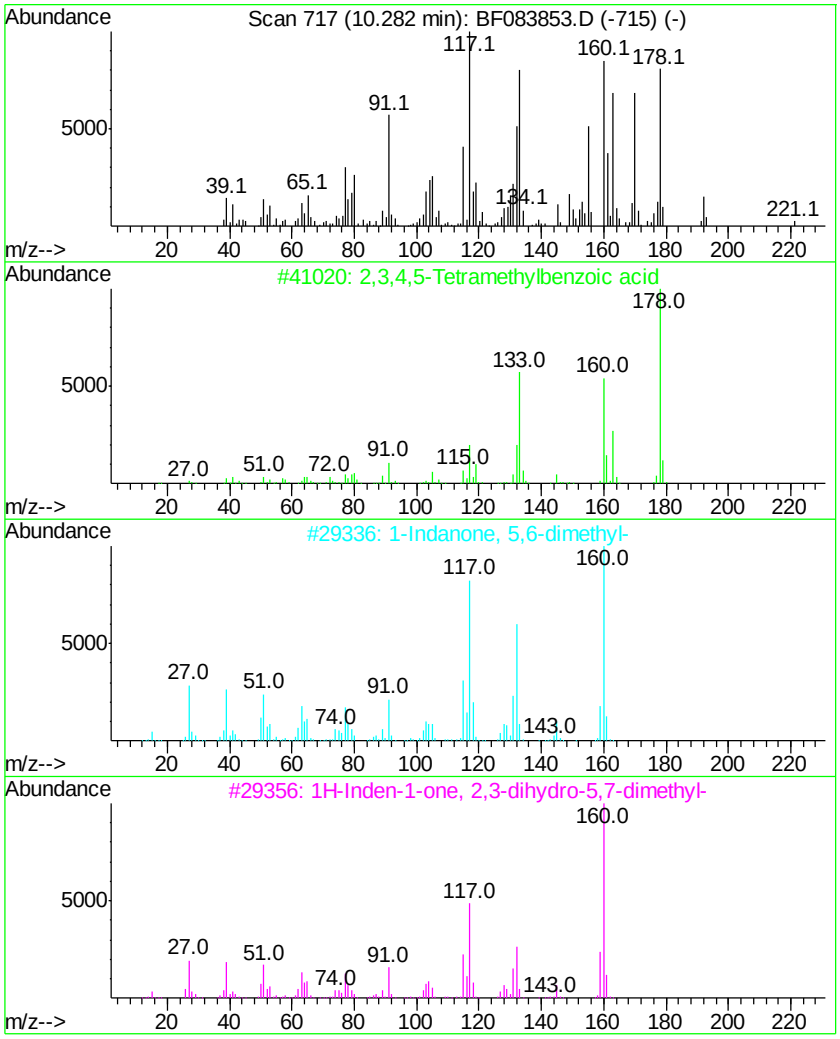
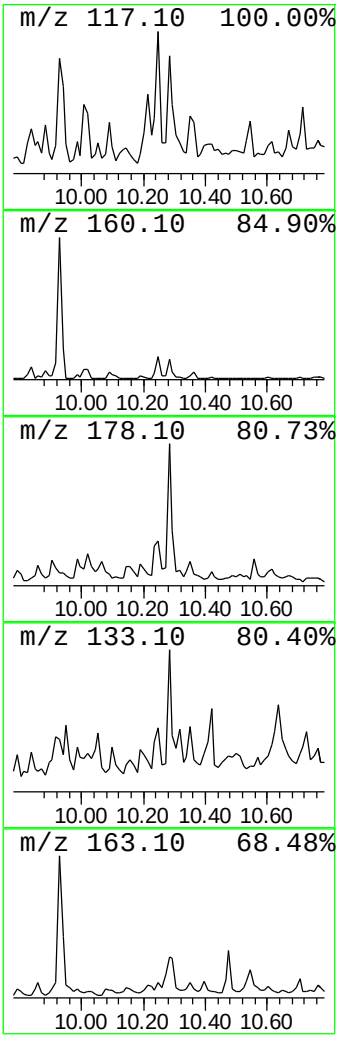
Peak Number 17 unknown10.28 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	6.22 ng	320554	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5-Tetramethylbenzoic acid	178	C11H14O2	002529-39-7	45
2	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	42
3	1H-Inden-1-one, 2,3-dihydro-5,7-...	160	C11H12O	006682-69-5	42
4	Benzeneacetonitrile, 4-hydroxy-	133	C8H7NO	014191-95-8	25
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	25





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Acq On : 16 Dec 2015 17:33
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Sample : G4793-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02-121115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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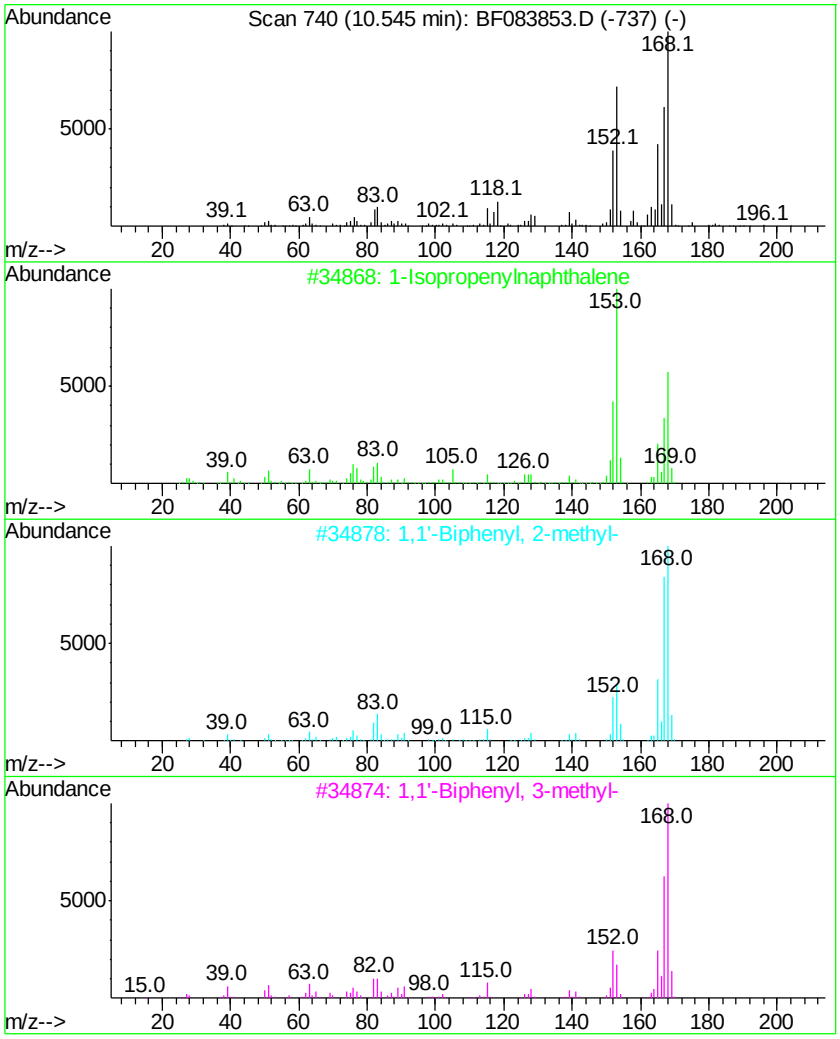
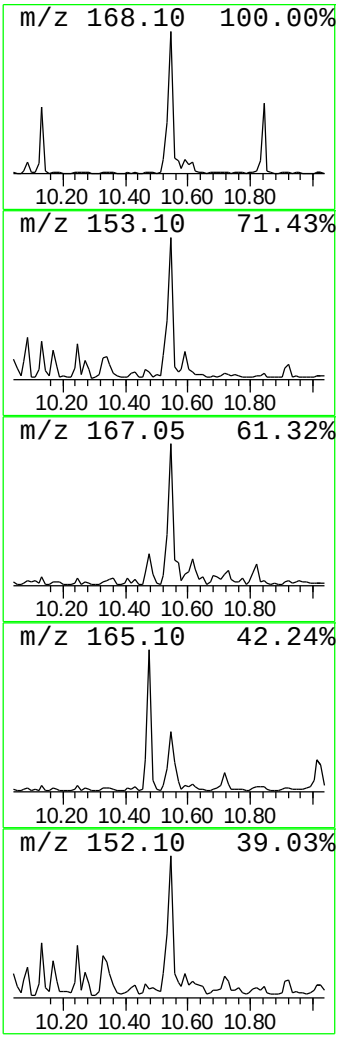
Peak Number 19 1-Isopropenylnaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	10.69 ng	551065	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	70
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	60
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	55
5	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	49





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Sample : G4793-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02-121115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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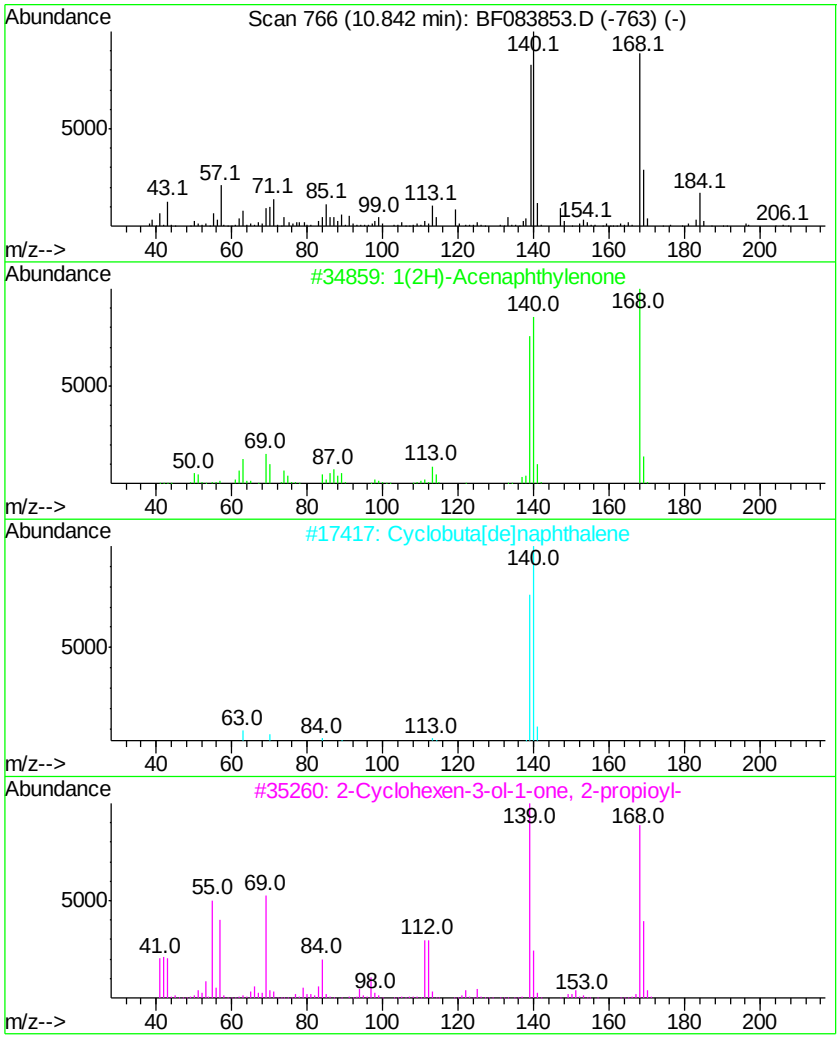
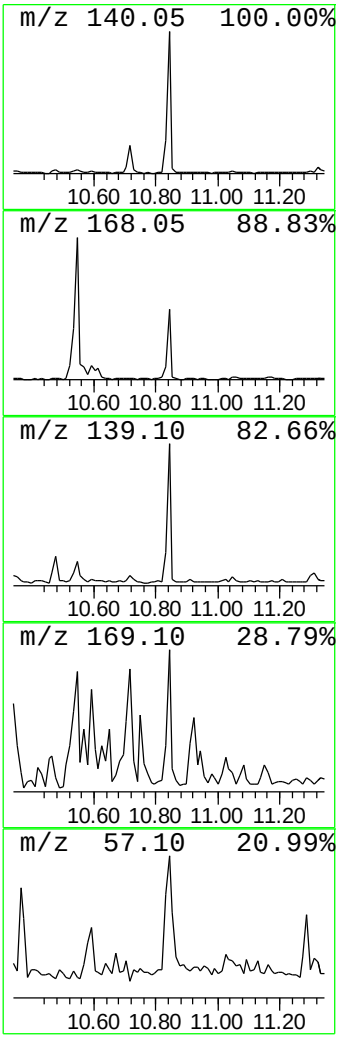
Peak Number 20 1(2H)-Acenaphthylenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	9.04 ng	394430	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	91
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	49
3	2-Cyclohexen-3-ol-1-one, 2-propi...	168	C9H12O3	062847-90-9	47
4	Oxidopamine	169	C8H11NO3	001199-18-4	38
5	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121615\
Data File : BF083853.D
Acq On : 16 Dec 2015 17:33
Operator : UM/SJ
Sample : G4793-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02-121115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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...	5.07	8.4	ng	231060	1	6.89	550652	20.0
unknown6.66	6.66	72.1	ng	1983900	1	6.89	550652	20.0
Benzene, 1,2,4,5-...	7.66	6.3	ng	483831	2	8.18	1537210	20.0
1H-Indene, 2,3-di...	7.92	13.4	ng	1027750	2	8.18	1537210	20.0
1H-Indene, 2,3-di...	8.57	5.5	ng	422028	2	8.18	1537210	20.0
Naphthalene, 1,2,...	8.84	6.1	ng	471865	2	8.18	1537210	20.0
Naphthalene, 1,6-...	9.52	6.9	ng	354489	3	9.93	1030700	20.0
Naphthalene, 2,3-...	9.58	26.4	ng	1361630	3	9.93	1030700	20.0
Naphthalene, 1,4-...	9.79	8.0	ng	413969	3	9.93	1030700	20.0
Naphthalene, 2-(1...	10.03	8.3	ng	429501	3	9.93	1030700	20.0
Naphthalene, 2,3,...	10.13	7.4	ng	383354	3	9.93	1030700	20.0
Naphthalene, 1,6,...	10.25	7.0	ng	358600	3	9.93	1030700	20.0
unknown10.28	10.28	6.2	ng	320554	3	9.93	1030700	20.0
1-Isopropenylnaph...	10.54	10.7	ng	551065	3	9.93	1030700	20.0
1(2H)-Acenaphthyl...	10.84	9.0	ng	394430	4	11.41	872401	20.0