LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086142.D
Acq On : 7 Apr 2016 21:02
Operator : UM/SJ
Sample : H2230-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-2-040116

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-BF040216.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	4.338	194	197	202	rVB3	32385	49936	1.29%	0.131%
2	4.899	244	246	257	rVB	75829	120174	3.10%	0.315%
3	5.161	267	269	277	rBV	159907	178809	4.61%	0.468%
4	5.333	281	284	294	rBV	1142724	1436638	37.06%	3.760%
5	5.733	316	319	326	rVB	28948	42457	1.10%	0.111%
6	5.881	330	332	335	rVB	41353	48054	1.24%	0.126%
7	6.384	373	376	384	rBV	661744	906861	23.39%	2.373%
8	6.499	384	386	389	rBV	1799221	2528353	65.22%	6.617%
9	6.682	399	402	405	rVB3	43628	70927	1.83%	0.186%
10	6.739	405	407	409	rBV	521642	663230	17.11%	1.736%
11	6.796	409	412	413	rVB	38766	46401	1.20%	0.121%
12	6.887	418	420	425	rVV2	2151054	2673360	68.97%	6.997%
13	6.990	427	429	434	rVB2	77294	106964	2.76%	0.280%
14	7.082	434	437	439	rBV2	39157	72378	1.87%	0.189%
15	7.276	451	454	455	rBV	155145	193172	4.98%	0.506%
16	7.310	455	457	459	rVV	2158851	2450871	63.23%	6.414%
17	7.390	461	464	466	rVV2	35893	67597	1.74%	0.177%
18	7.516	469	475	476	rVB3	67897	115024	2.97%	0.301%
19	7.699	486	491	494	rVB2	81782	188474	4.86%	0.493%
20	7.756	494	496	498	rBV	452934	454323	11.72%	1.189%
21	7.859	504	505	507	rVB	107652	90517	2.34%	0.237%
22	7.950	510	513	516	rBV4	32731	85855	2.21%	0.225%
23	8.019	516	519	522	rVV	1037076	1459588	37.65%	3.820%
24	8.065	522	523	525	rVB	222301	221252	5.71%	0.579%
25	8.225	534	537	538	rBV3	79328	126233	3.26%	0.330%
26	8.270	538	541	542	rVV2	81569	138410	3.57%	0.362%
27	8.305	542	544	547	rVB2	81301	132119	3.41%	0.346%
28	8.373	547	550	551	rBV2	34757	67583	1.74%	0.177%
29	8.407	551	553	556	rVV	217328	219682	5.67%	0.575%
30	8.487	556	560	562	rVV	152208	268419	6.92%	0.702%
31	8.522	562	563	565	rVV2	87385	113782	2.94%	0.298%
32	8.567	565	567	569	rVV2	66187	121978	3.15%	0.319%
33	8.613	569	571	573	rVV2	87968	120424	3.11%	0.315%
34	8.682	573	577	579	rVV3	191158	332801	8.59%	0.871%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086142.D
Acq On : 7 Apr 2016 21:02
Operator : UM/SJ
Sample : H2230-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-2-040116

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-BF040216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.739	579	582	583	rVV2	149291	246600	6.36%	0.645%
36	8.773	583	585	587	rVV	87711	121221	3.13%	0.317%
37	8.830	587	590	592	rVV2	261426	453617	11.70%	1.187%
38	8.922	596	598	599	rVV2	79588	122242	3.15%	0.320%
39	8.967	600	602	606	rVV3	103504	257650	6.65%	0.674%
40	9.047	606	609	611	rVV4	62948	194174	5.01%	0.508%
41	9.105	611	614	616	rVV	3135754	3876371	100.00%	10.145%
42	9.150	616	618	619	rVV	94731	107486	2.77%	0.281%
43	9.196	621	622	625	rVV	92932	183958	4.75%	0.481%
44	9.242	625	626	627	rVV	118283	110283	2.85%	0.289%
45	9.299	627	631	633	rVB2	181273	377251	9.73%	0.987%
46	9.356	633	636	639	rBV2	235474	454646	11.73%	1.190%
47	9.436	639	643	647	rVV2	306997	538163	13.88%	1.408%
48	9.550	650	653	658	rVV	216109	382502	9.87%	1.001%
49	9.630	658	660	663	rVV2	264809	290244	7.49%	0.760%
50	9.688	663	665	666	rVV2	42193	74748	1.93%	0.196%
51	9.768	670	672	674	rVV	790713	1081032	27.89%	2.829%
52	9.802	674	675	677	rVV2	131194	151735	3.91%	0.397%
53	9.836	677	678	680	rVV	83567	98897	2.55%	0.259%
54	9.905	680	684	687	rVV5	100683	341264	8.80%	0.893%
55	9.973	689	690	692	rVV	75755	109522	2.83%	0.287%
56	10.019	692	694	696	rVV2	51632	75673	1.95%	0.198%
57	10.065	696	698	699	rVV2	43773	72616	1.87%	0.190%
58	10.099	699	701	705	rVB4	87880	188353	4.86%	0.493%
59	10.168	705	707	709	rBV3	71852	128021	3.30%	0.335%
60	10.202	709	710	713	rVB3	108750	130831	3.38%	0.342%
61	10.270	713	716	718	rBV	165871	208552	5.38%	0.546%
62	10.316	718	720	723	rVV	112525	129877	3.35%	0.340%
63	10.385	723	726	729	rVB	210445	298346	7.70%	0.781%
64	10.522	736	738	739	rBV2	55380	86226	2.22%	0.226%
65	10.568	739	742	744	rVV	2204777	2336767	60.28%	6.116%
66	10.602	744	745	747	rVV2	59347	83457	2.15%	0.218%
67	10.693	751	753	756	rVB3	72792	120413	3.11%	0.315%
68	10.762	756	759	760	rBV2	41720	72365	1.87%	0.189%
69	10.819	760	764	765	rVV4	55482	126034	3.25%	0.330%
70	10.865	765	768	769	rVV2	53164	88774	2.29%	0.232%
71	10.899	769	771	773	rVV2	101793	171248	4.42%	0.448%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086142.D
Acq On : 7 Apr 2016 21:02
Operator : UM/SJ
Sample : H2230-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-2-040116

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-BF040216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.945	773	775	777	rVV3	64202	107400	2.77%	0.281%
73	10.979	777	778	779	rVV	86209	80380	2.07%	0.210%
74	11.002	779	780	784	rVB2	54691	79050	2.04%	0.207%
75	11.151	792	793	796	rVB	69280	91146	2.35%	0.239%
76	11.253	800	802	806	rVV	1155182	1120769	28.91%	2.933%
77	11.368	810	812	815	rVV	121297	165634	4.27%	0.433%
78	11.493	821	823	825	rVV	272078	242389	6.25%	0.634%
79	11.791	847	849	851	rVV	404394	389195	10.04%	1.019%
80	11.859	854	855	861	rVB3	42197	103141	2.66%	0.270%
81	11.974	861	865	867	rBV	75032	132481	3.42%	0.347%
82	12.019	867	869	871	rBV2	123035	148965	3.84%	0.390%
83	12.134	877	879	882	rVB3	38604	69295	1.79%	0.181%
84	12.202	882	885	886	rBV3	38717	78712	2.03%	0.206%
85	12.259	889	890	891	rVV	67971	52277	1.35%	0.137%
86	12.305	891	894	896	rVV	137572	185791	4.79%	0.486%
87	12.396	900	902	905	rVB	35652	55445	1.43%	0.145%
88	12.579	916	918	921	rBV	132513	181195	4.67%	0.474%
89	12.659	923	925	929	rVB5	23660	46329	1.20%	0.121%
90	12.842	938	941	944	rVB	3396541	3438314	88.70%	8.998%
91	13.402	988	990	992	rVB	44323	43485	1.12%	0.114%
92	13.734	1017	1019	1023	rBV2	25407	43808	1.13%	0.115%
93	13.894	1030	1033	1035	rBV	838229	918369	23.69%	2.403%
94	15.288	1152	1155	1158	rBV	546721	632491	16.32%	1.655%

Sum of corrected areas: 38209866

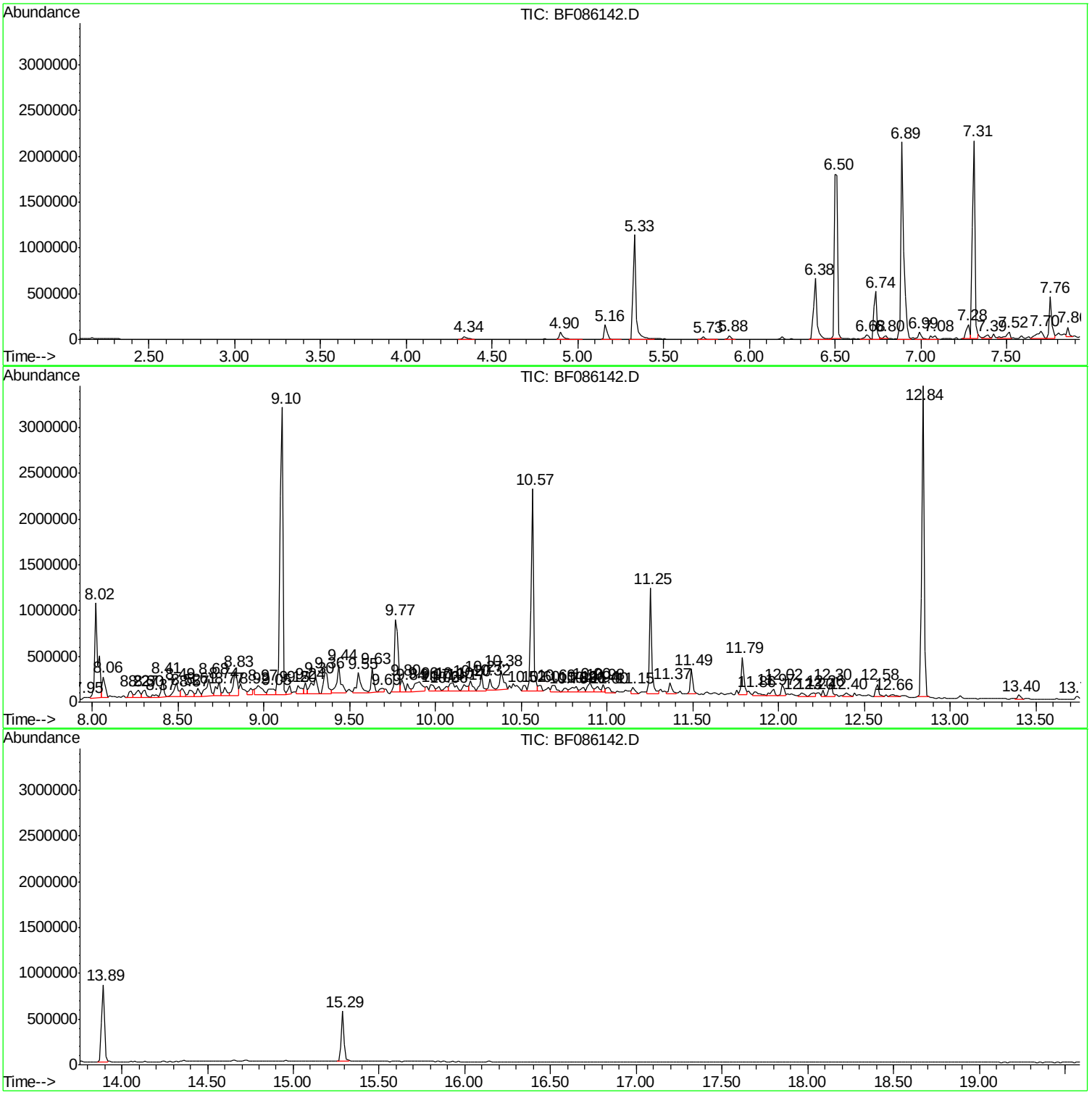
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086142.D
Acq On : 7 Apr 2016 21:02
Operator : UM/SJ
Sample : H2230-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-2-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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\BF040716\
Data File : BF086142.D
Acq On : 7 Apr 2016 21:02
Operator : UM/SJ
Sample : H2230-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-2-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

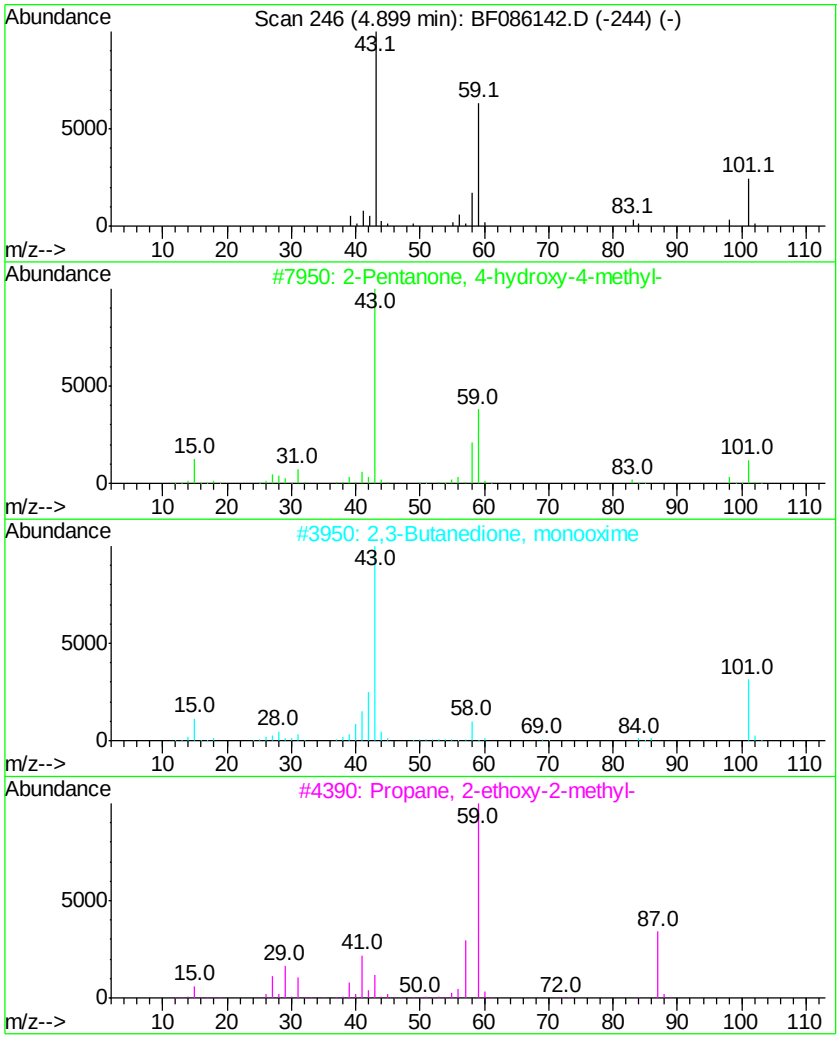
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

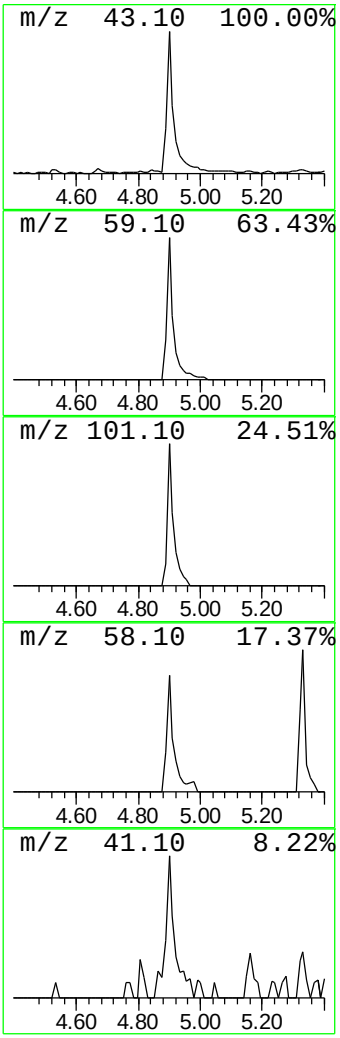
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	3.62 ng	120174	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	12
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086142.D
Acq On : 7 Apr 2016 21:02
Operator : UM/SJ
Sample : H2230-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-2-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

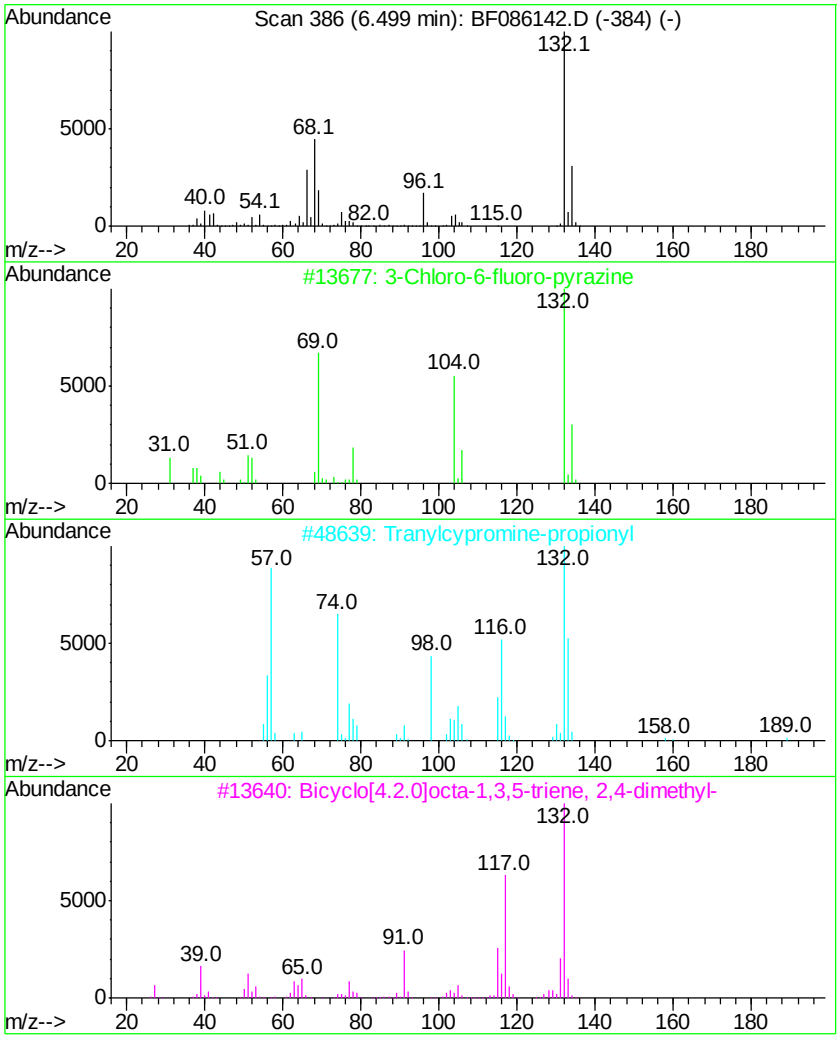
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

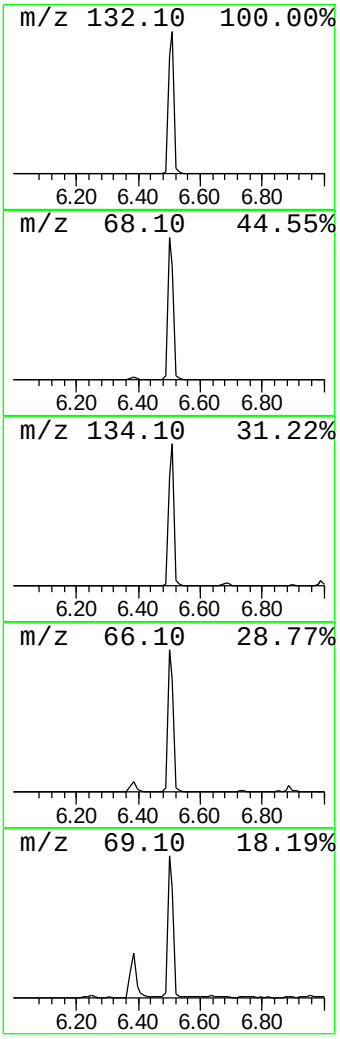
****

Peak Number 3 unknown6.50 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	76.24 ng	2528350	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086142.D
Acq On : 7 Apr 2016 21:02
Operator : UM/SJ
Sample : H2230-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-2-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

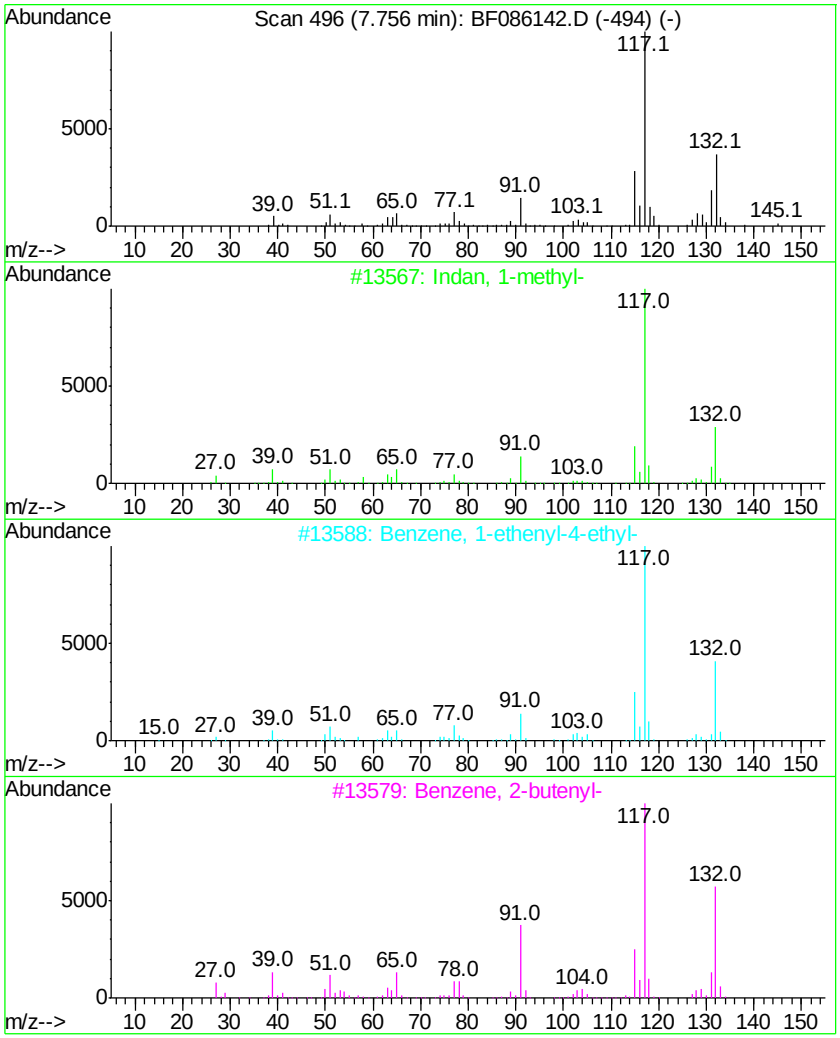
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

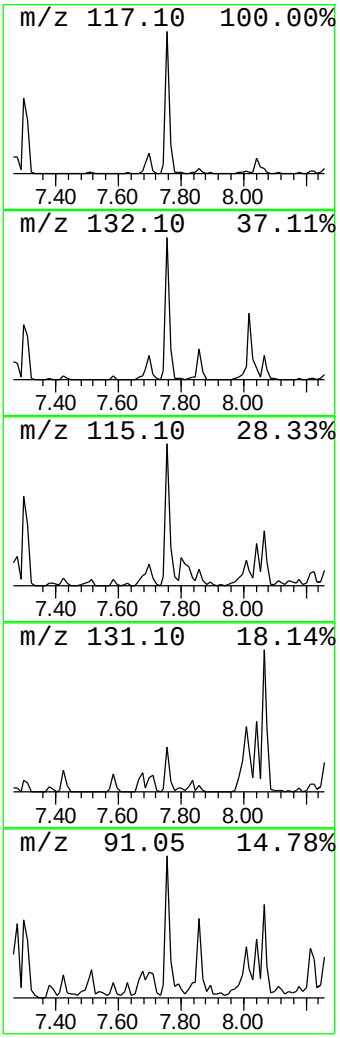
****

Peak Number 5 Indan, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	6.23 ng	454323	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	94
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086142.D
Acq On : 7 Apr 2016 21:02
Operator : UM/SJ
Sample : H2230-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-2-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

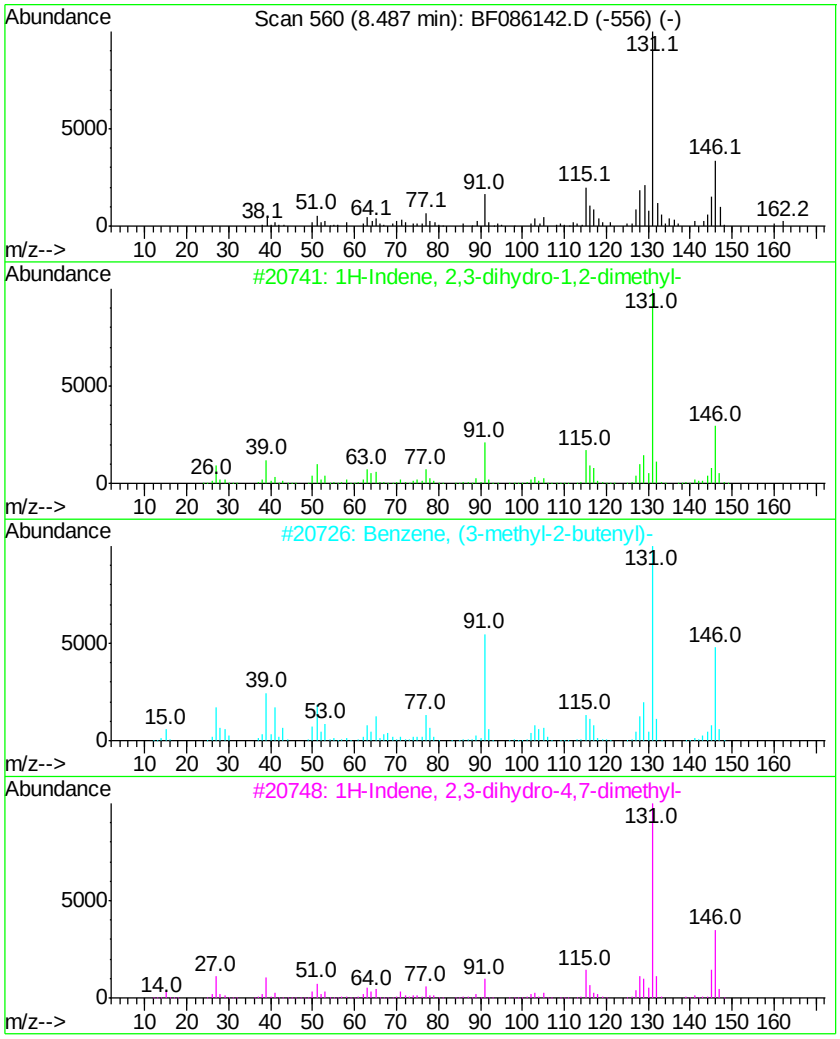
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

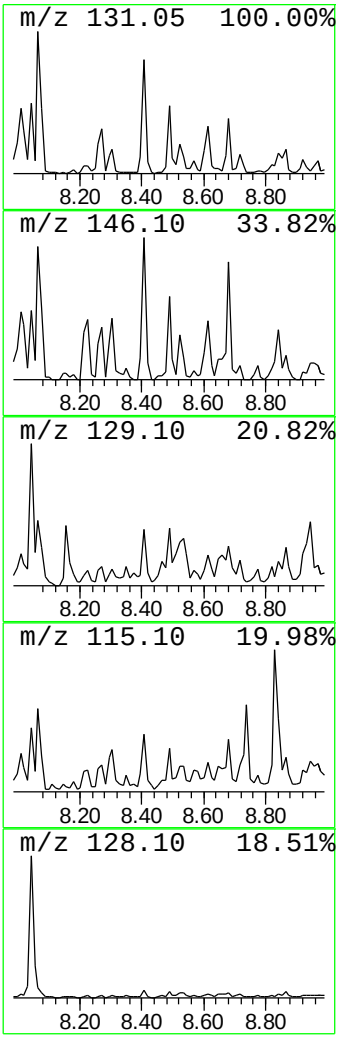
****

Peak Number 6 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	3.68 ng	268419	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086142.D
Acq On : 7 Apr 2016 21:02
Operator : UM/SJ
Sample : H2230-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-2-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

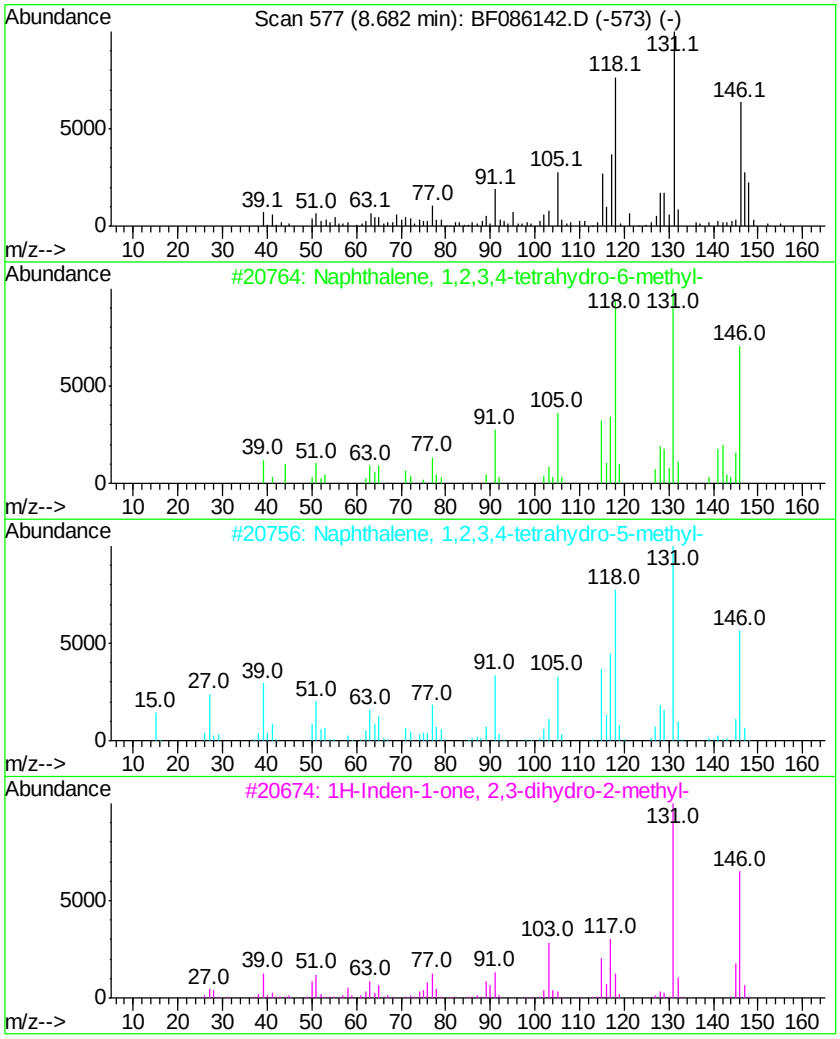
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

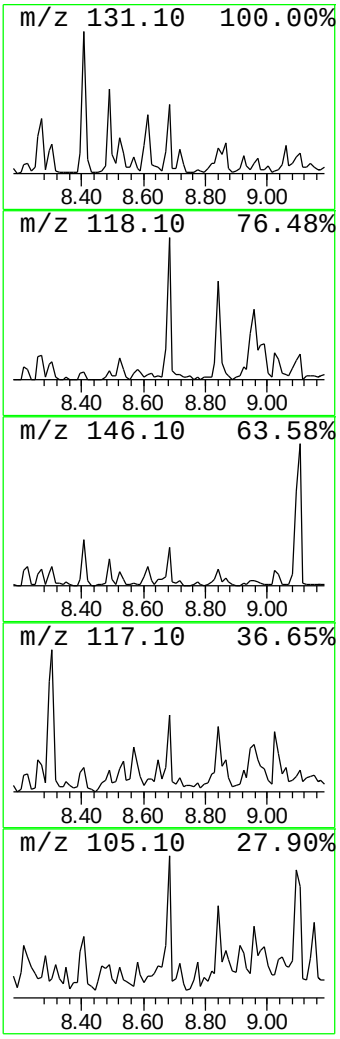
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	4.56 ng	332801	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	49
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	46
5	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086142.D
Acq On : 7 Apr 2016 21:02
Operator : UM/SJ
Sample : H2230-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-2-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

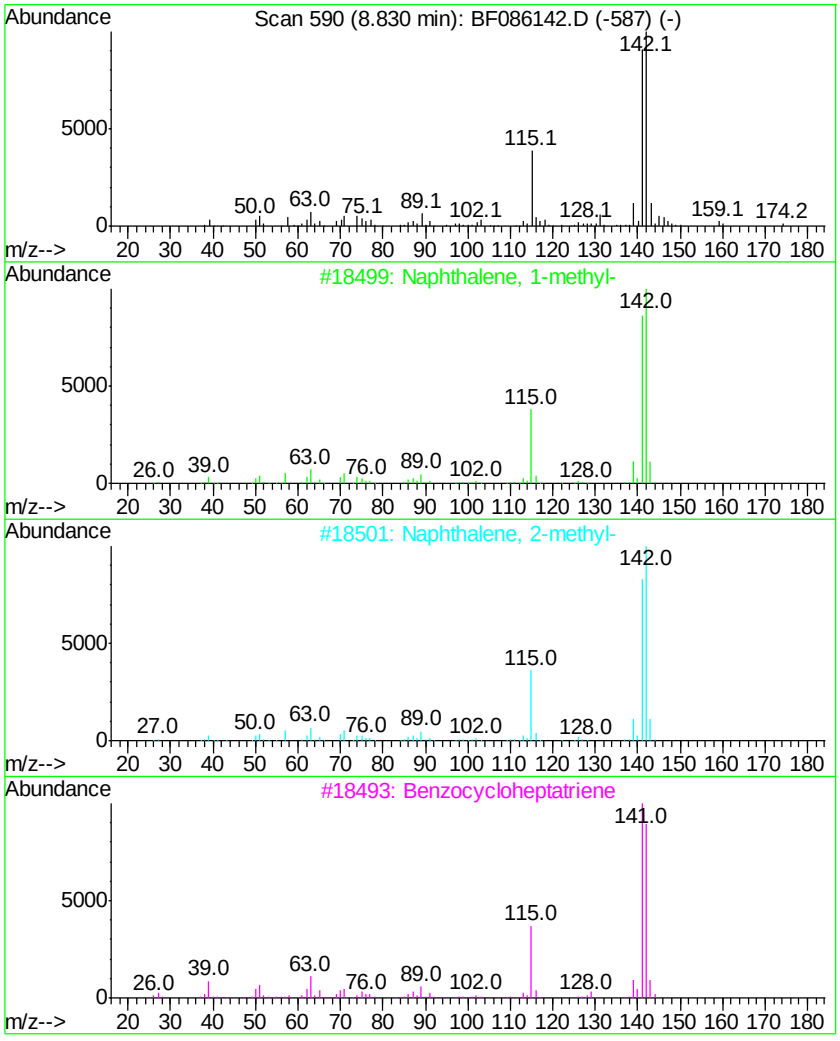
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

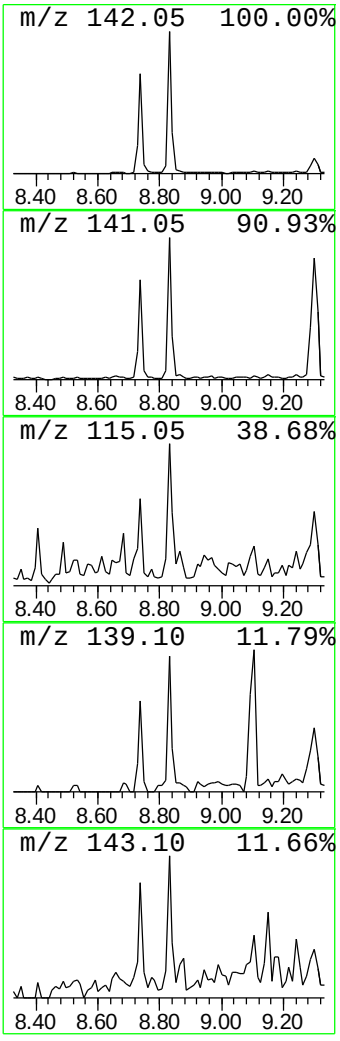
****

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	6.22 ng	453617	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	90
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	80





Library Search Compound Report

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Misc :
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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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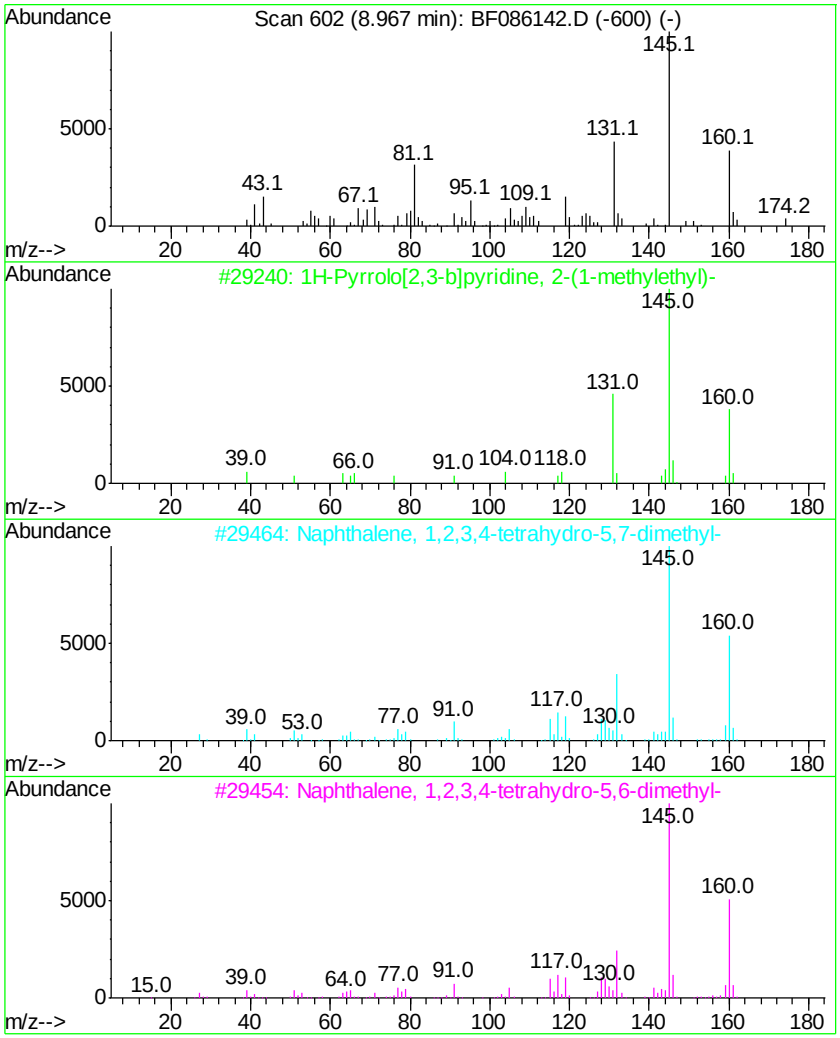
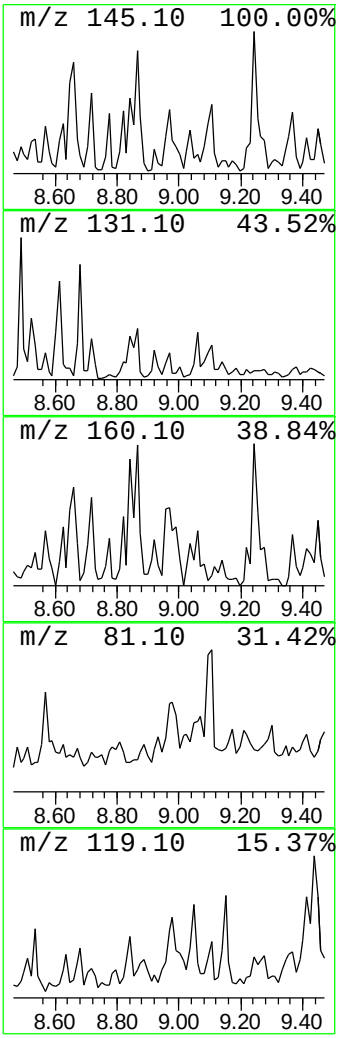
Peak Number 9 1H-Pyrrolo[2,3-b]pyridine, ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	4.77 ng	257650	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160	C10H12N2	027257-18-7	59
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	53
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	50
4	Indene, 1,1-dimethyl-1-sila-	160	C10H12Si	058310-24-0	50
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	47





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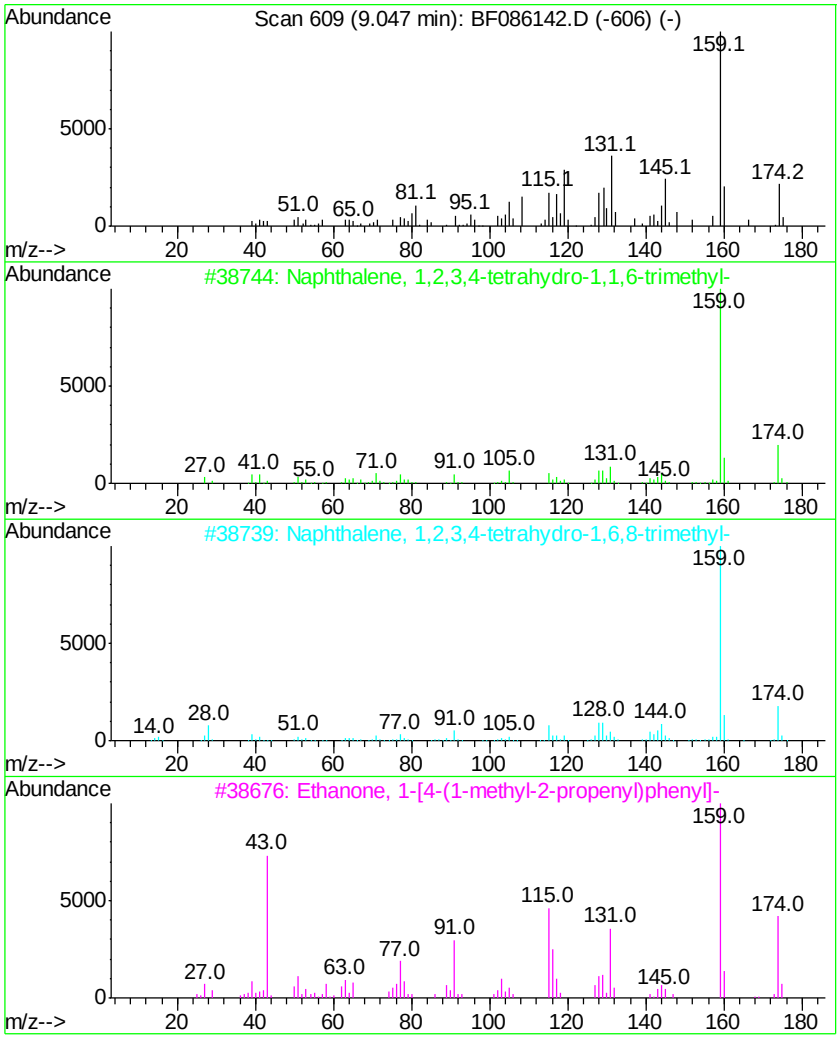
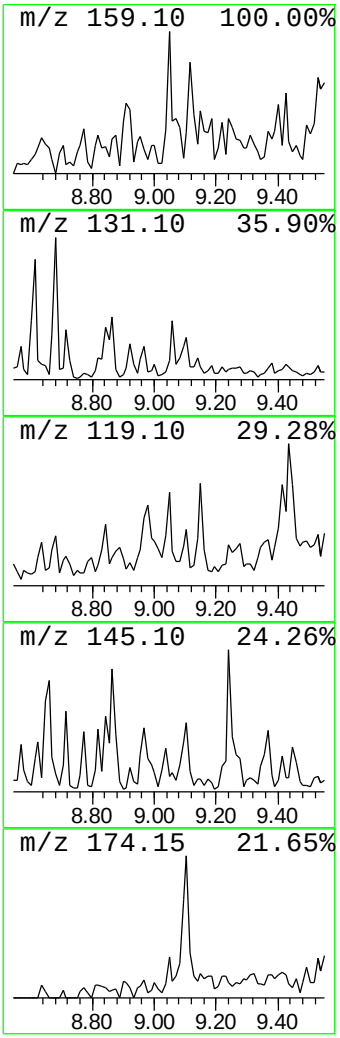
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	3.59 ng	194174	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	76
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	64
3	Ethanone, 1-[4-(1-methyl-2-prope...	174	C12H14O	109586-49-4	62
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	58
5	1H-Indene, 2,3-dihydro-1,1,4,7-t...	174	C13H18	001078-04-2	58





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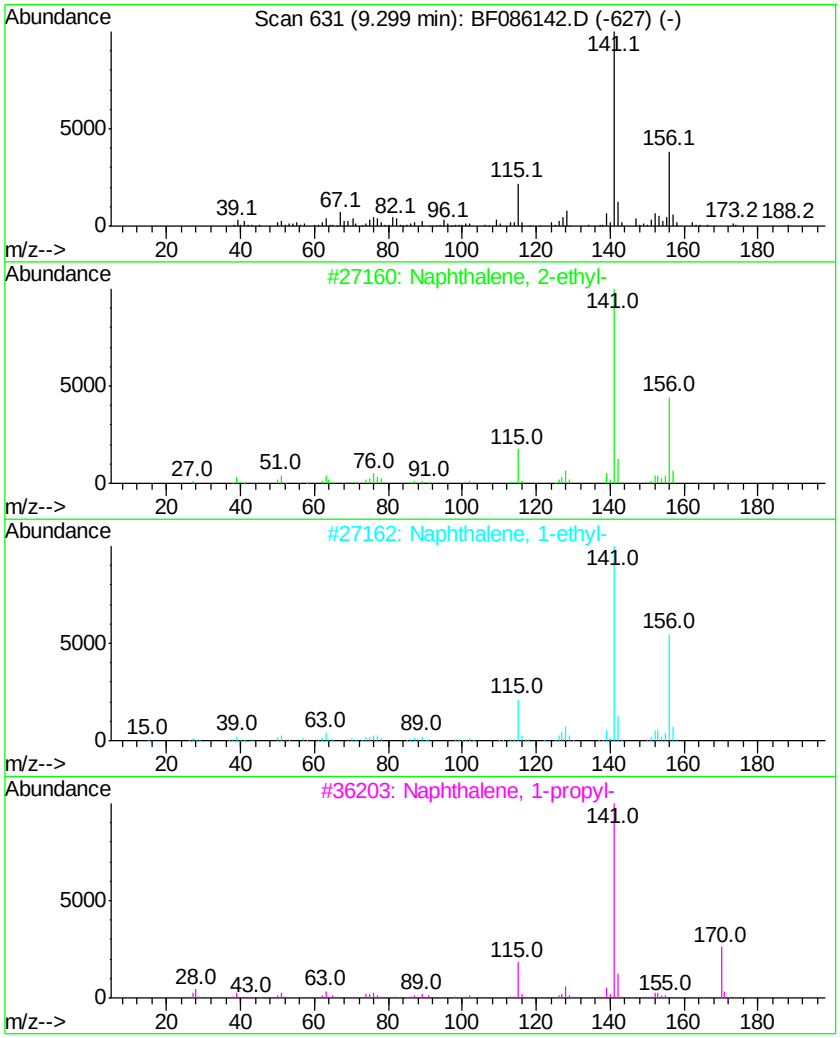
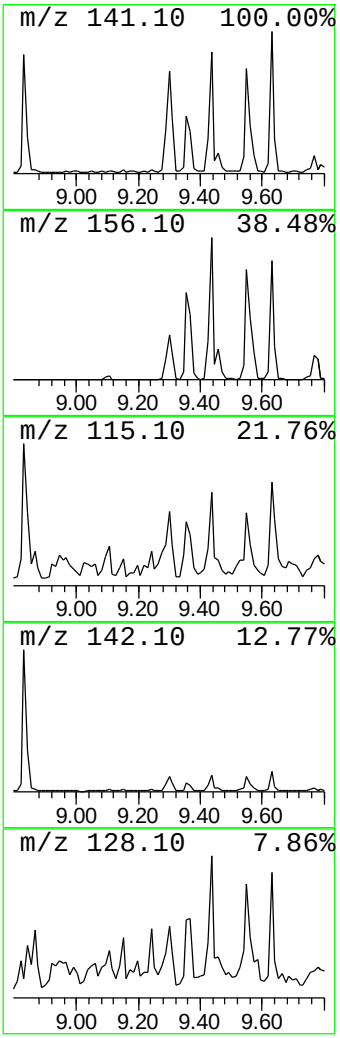
Peak Number 11 Naphthalene, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	6.98 ng	377251	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	53
4	Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	53
5	Probarbital	198	C9H14N2O3	000076-76-6	53





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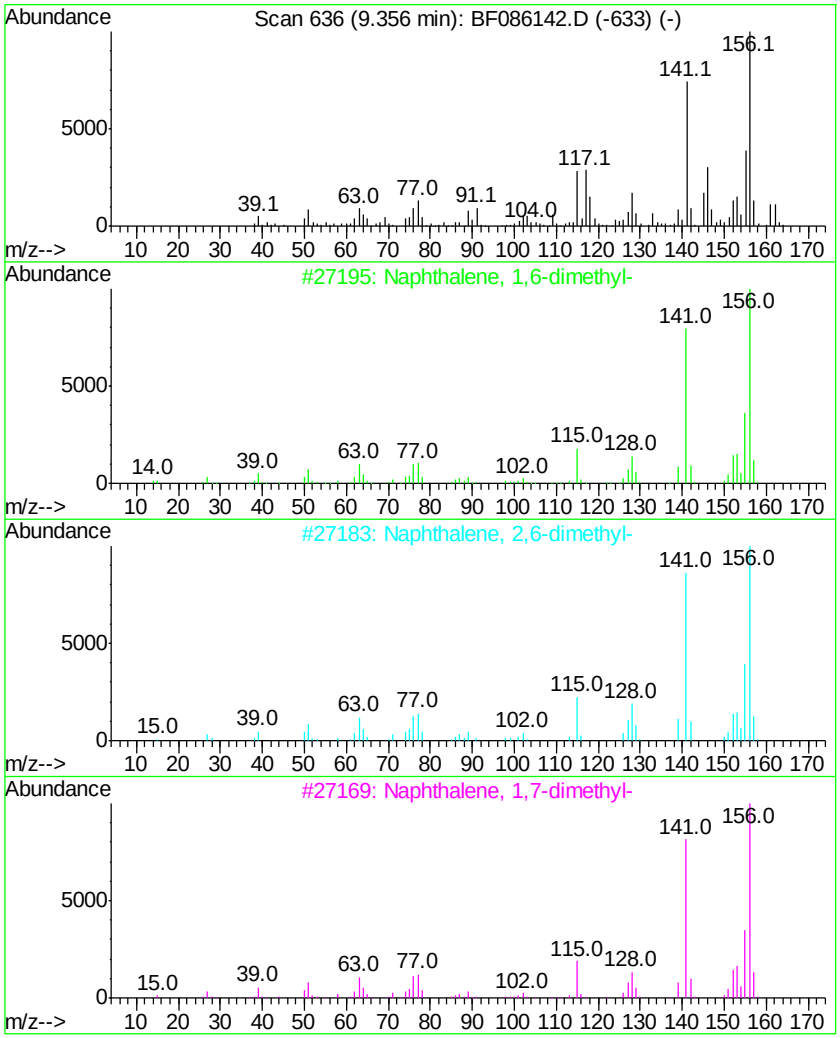
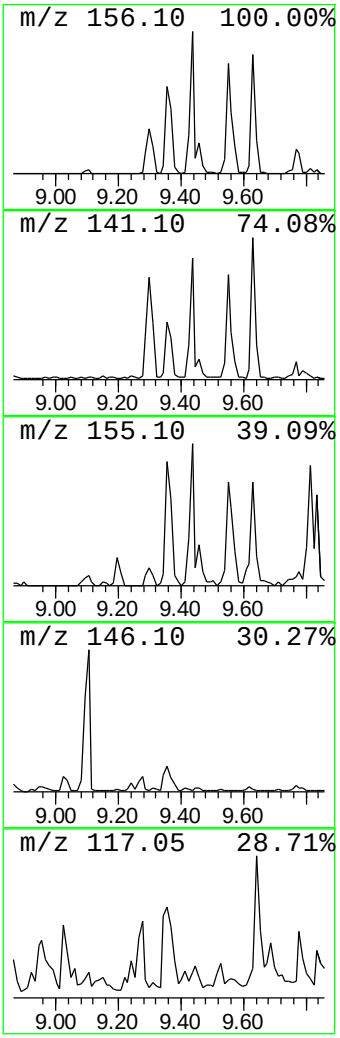
Peak Number 12 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	8.41 ng	454646	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93





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

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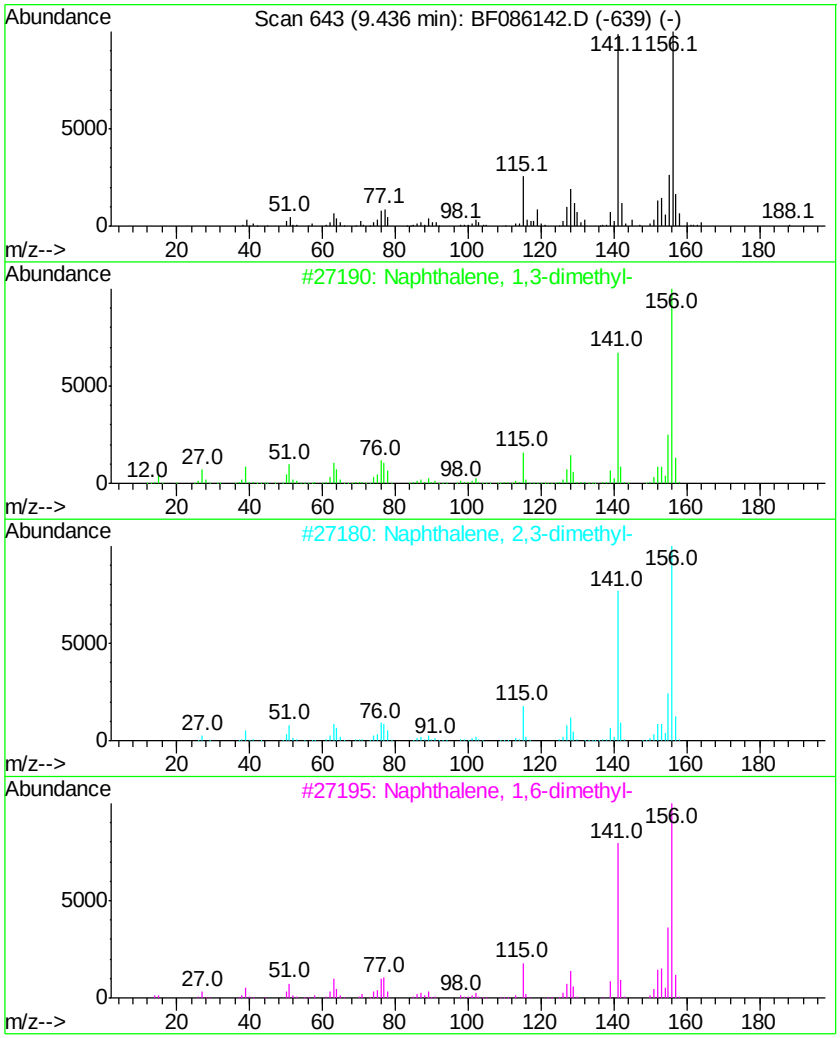
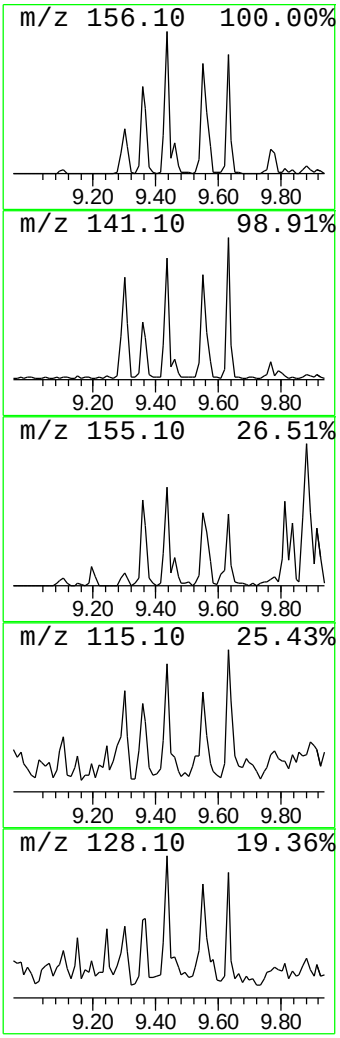
Peak Number 13 Naphthalene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	9.96 ng	538163	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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

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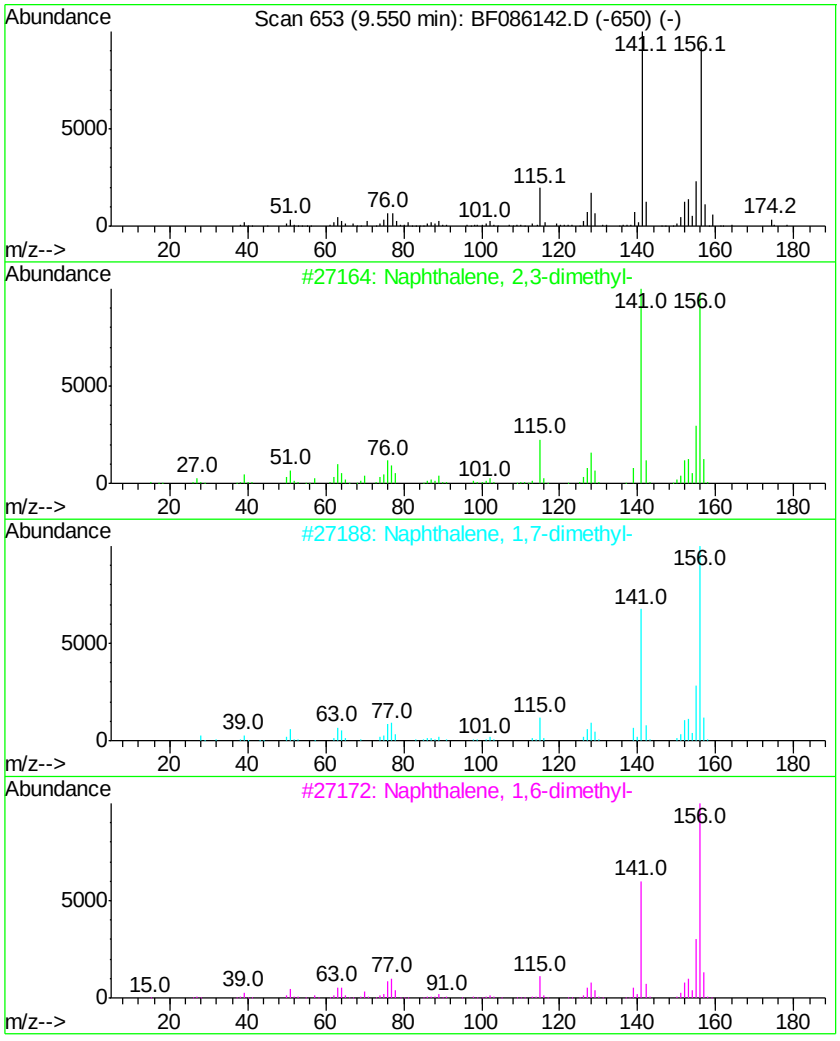
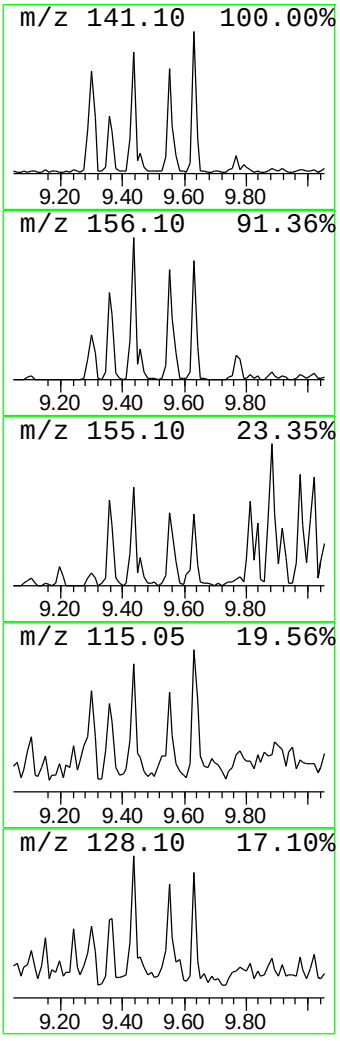
Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	7.08 ng	382502	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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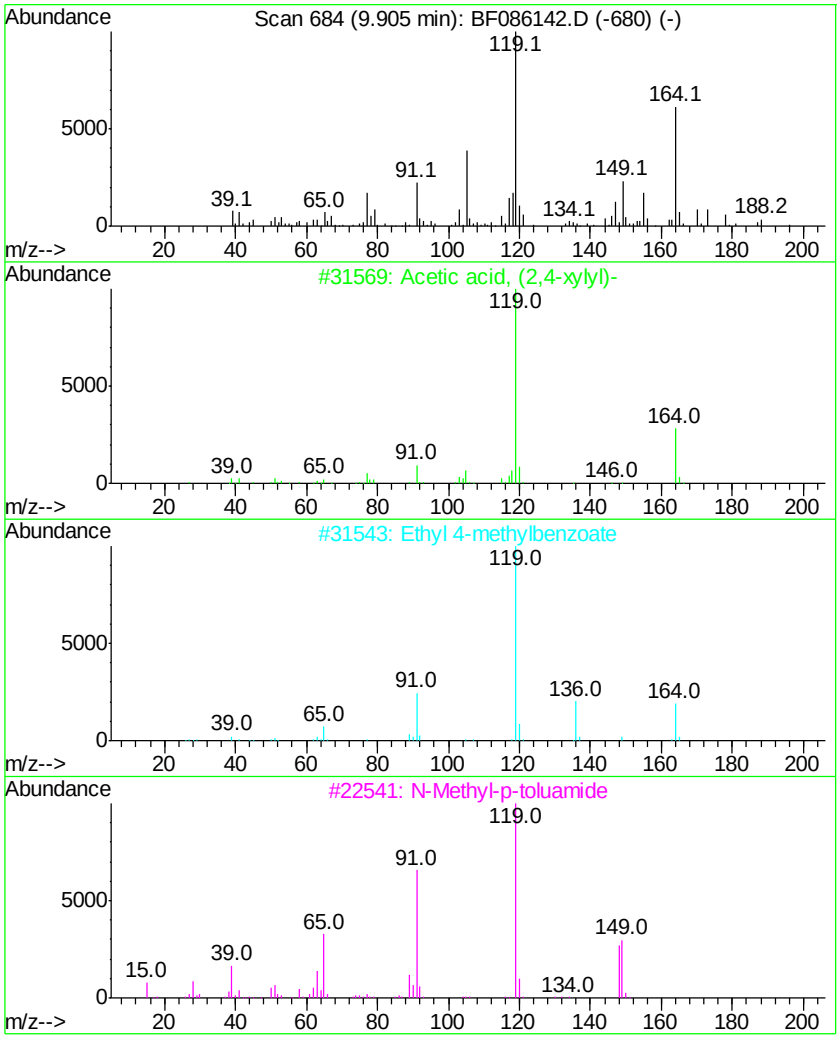
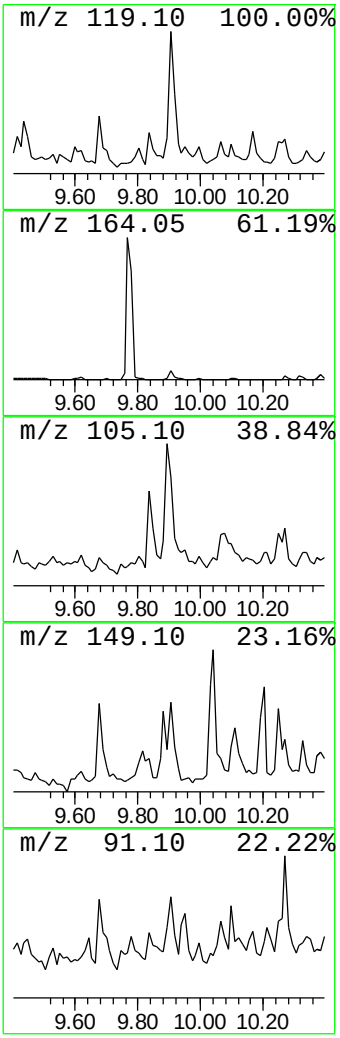
Peak Number 16 Acetic acid, (2,4-xylyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	6.31 ng	341264	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	58
2	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	53
3	N-Methyl-p-toluamide	149	C9H11NO	018370-11-1	43
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	41
5	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	38





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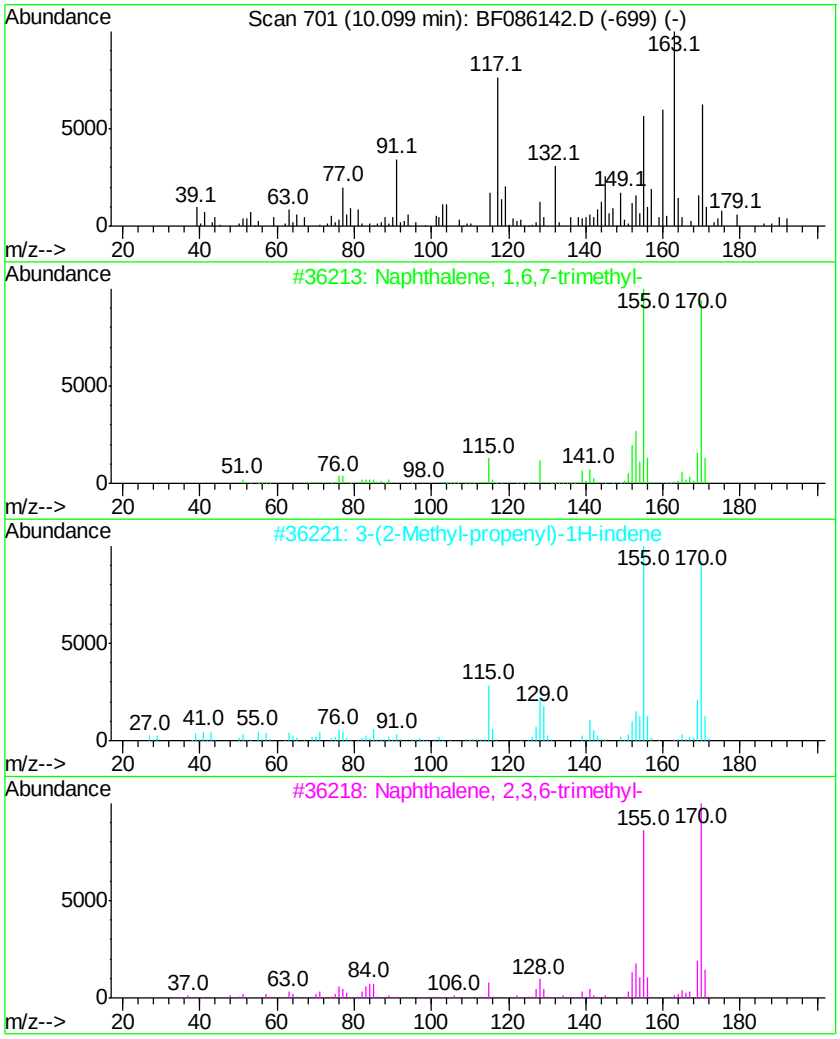
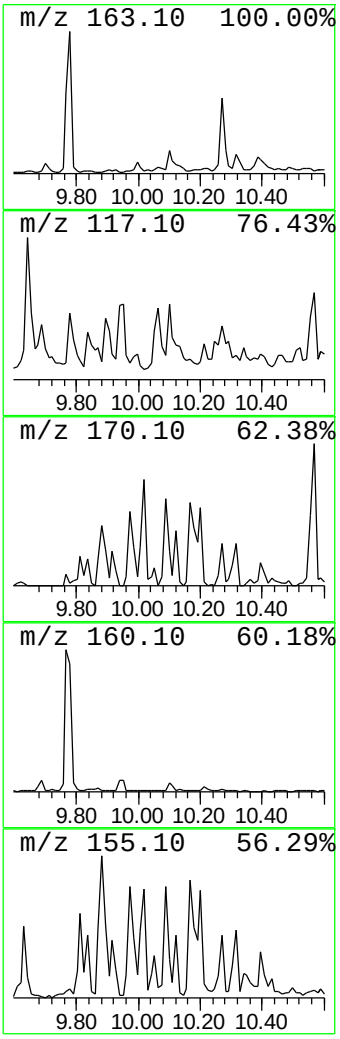
Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	3.48 ng	188353	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	53
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	46
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	46
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	44





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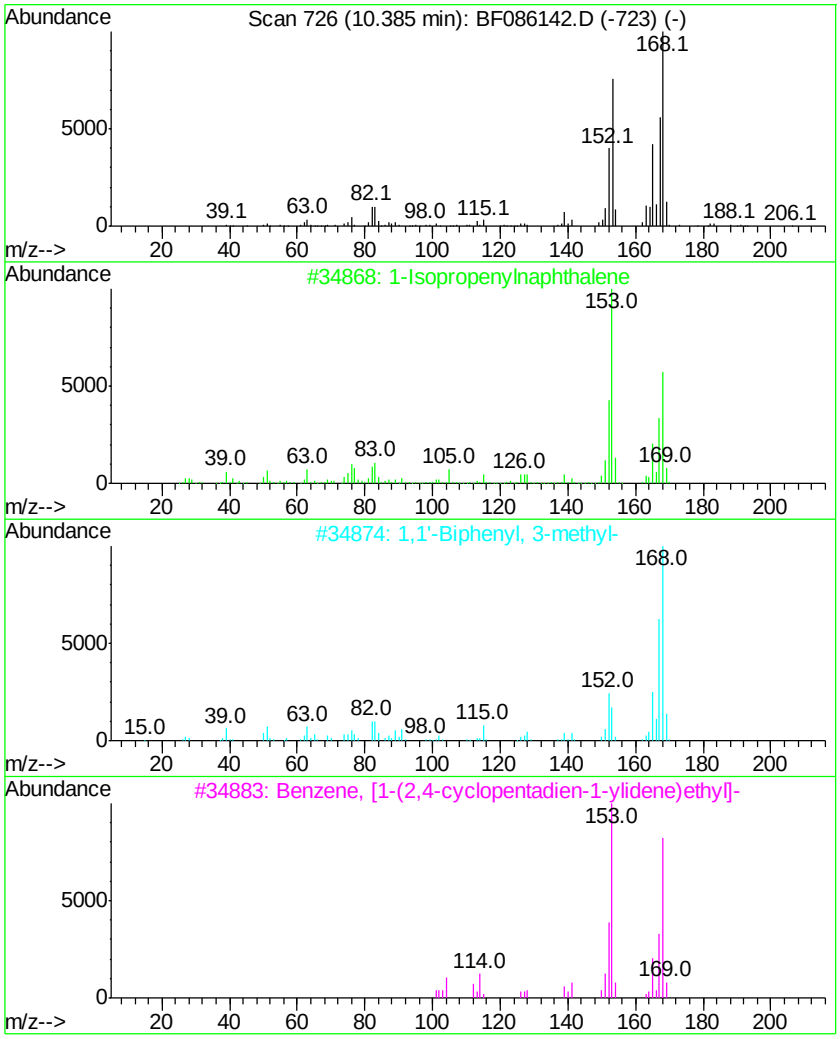
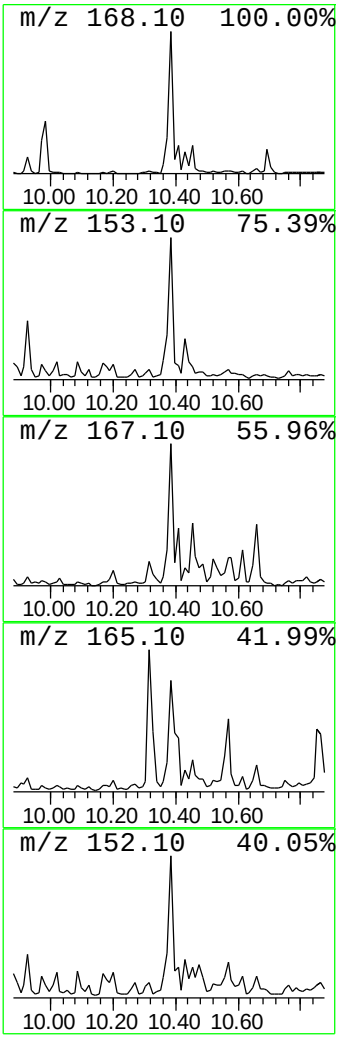
Peak Number 18 1-Isopropenylnaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	5.52 ng	298346	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	76
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55
3	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50
4	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	47
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43





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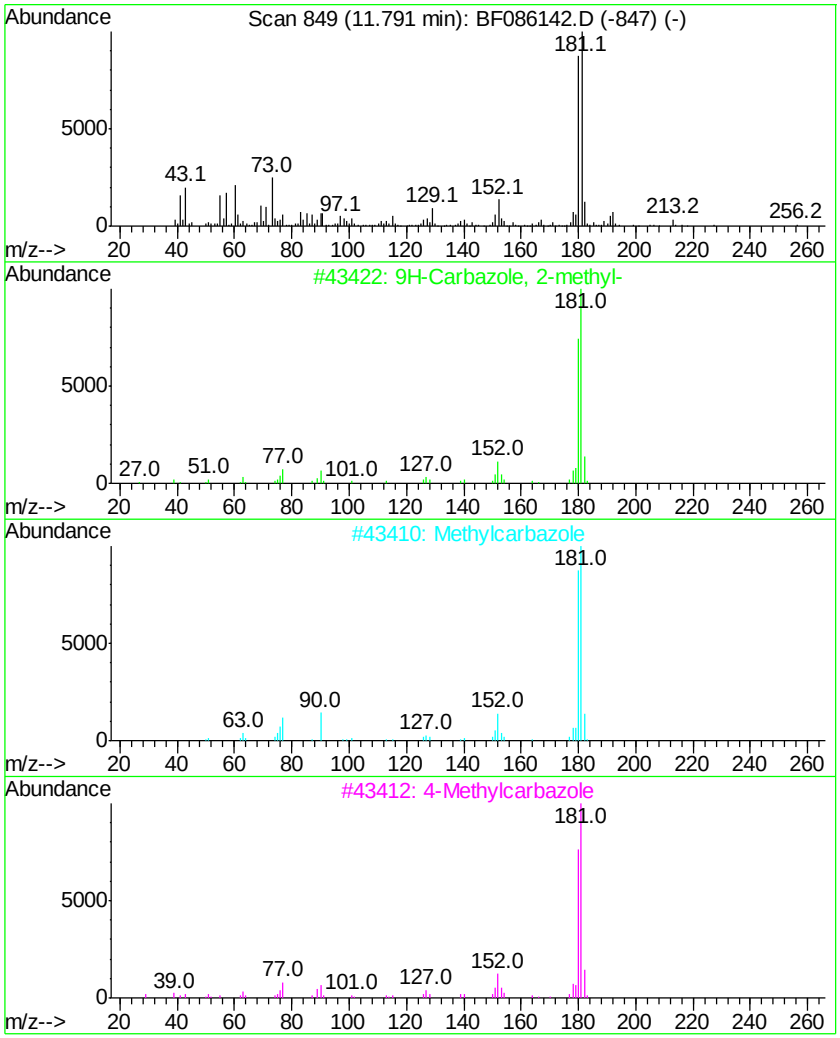
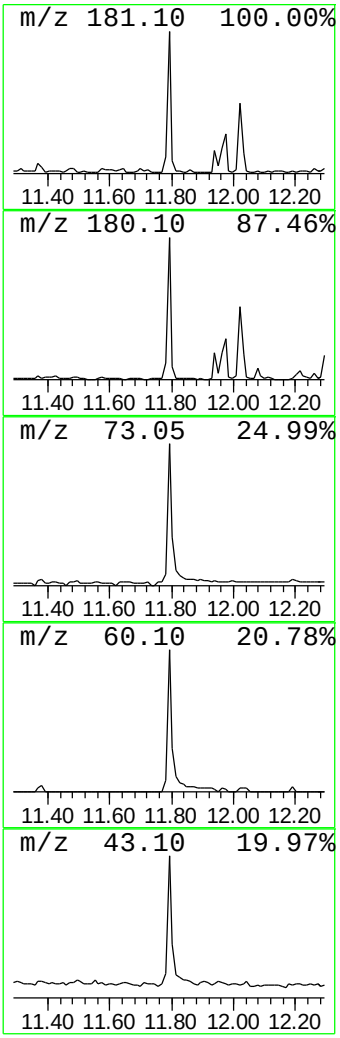
Peak Number 19 9H-Carbazole, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	6.95 ng	389195	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	95
2	Methylcarbazole	181	C13H11N	027323-29-1	94
3	4-Methylcarbazole	181	C13H11N	003770-48-7	91
4	3-Methylcarbazole	181	C13H11N	004630-20-0	89
5	1-Aminofluorene	181	C13H11N	006344-63-4	68





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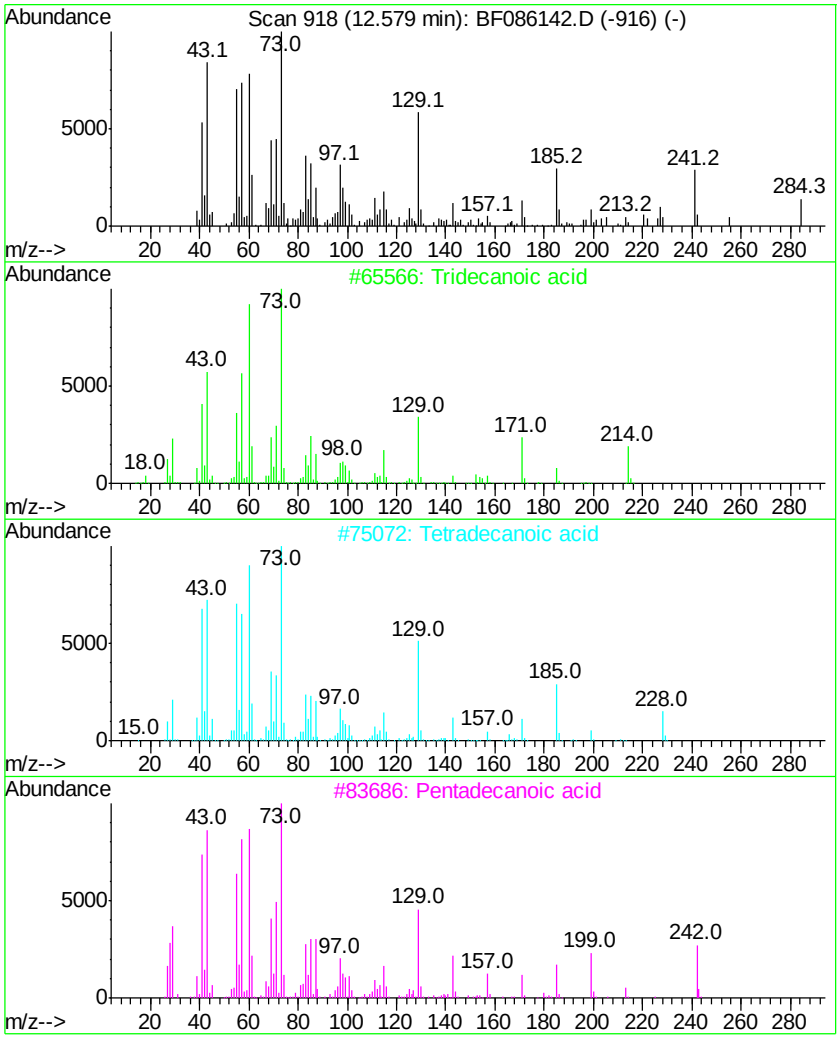
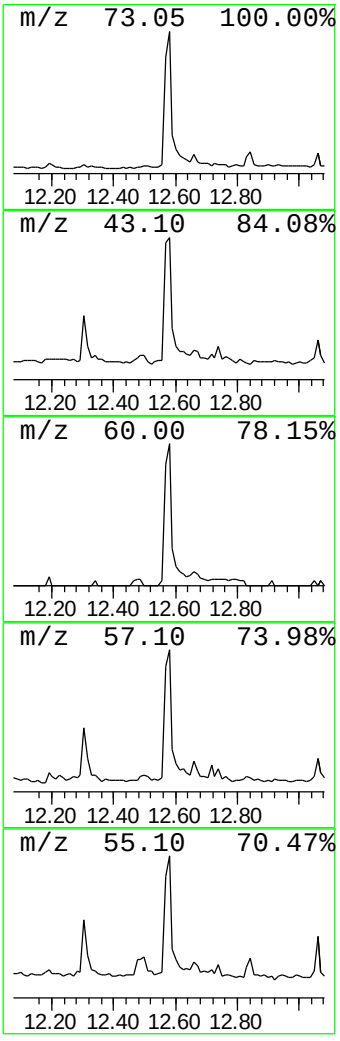
Peak Number 20 Tridecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	3.95 ng	181195	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	81
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Undecanoic acid	186	C11H22O2	000112-37-8	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040716\
Data File : BF086142.D
Acq On : 7 Apr 2016 21:02
Operator : UM/SJ
Sample : H2230-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-2-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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...	4.90	3.6	ng	120174	1	6.74	663230	20.0
unknown6.50	6.50	76.2	ng	2528350	1	6.74	663230	20.0
Indan, 1-methyl-	7.76	6.2	ng	454323	2	8.02	1459590	20.0
1H-Indene, 2,3-di...	8.49	3.7	ng	268419	2	8.02	1459590	20.0
Naphthalene, 1,2,...	8.68	4.6	ng	332801	2	8.02	1459590	20.0
Naphthalene, 1-me...	8.83	6.2	ng	453617	2	8.02	1459590	20.0
1H-Pyrrolo[2,3-b]...	8.97	4.8	ng	257650	3	9.77	1081030	20.0
Naphthalene, 1,2,...	9.05	3.6	ng	194174	3	9.77	1081030	20.0
Naphthalene, 2-et...	9.30	7.0	ng	377251	3	9.77	1081030	20.0
Naphthalene, 1,6-...	9.36	8.4	ng	454646	3	9.77	1081030	20.0
Naphthalene, 1,3-...	9.44	10.0	ng	538163	3	9.77	1081030	20.0
Naphthalene, 2,3-...	9.55	7.1	ng	382502	3	9.77	1081030	20.0
Acetic acid, (2,4...	9.90	6.3	ng	341264	3	9.77	1081030	20.0
Naphthalene, 1,6,...	10.10	3.5	ng	188353	3	9.77	1081030	20.0
1-Isopropenylnaph...	10.38	5.5	ng	298346	3	9.77	1081030	20.0
9H-Carbazole, 2-m...	11.79	7.0	ng	389195	4	11.25	1120770	20.0
Tridecanoic acid	12.58	4.0	ng	181195	5	13.89	918369	20.0