LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084469.D
Acq On : 14 Jan 2016 5:02
Operator : SJ/UM
Sample : H1113-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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	5.013	253	256	265	rVB	921938	1450609	17.55%	1.644%
2	5.436	290	293	296	rBV	4695131	4280464	51.79%	4.850%
3	5.836	325	328	330	rBV	181933	161485	1.95%	0.183%
4	6.465	381	383	386	rBV	2509608	2809140	33.99%	3.183%
5	6.602	392	395	397	rBV	6942770	6542627	79.16%	7.413%
6	6.830	413	415	417	rBV	2176702	1804000	21.83%	2.044%
7	6.990	426	429	430	rBV	6284549	6137184	74.26%	6.954%
8	7.013	430	431	433	rVB	653099	467398	5.66%	0.530%
9	7.082	435	437	441	rVB2	149979	162005	1.96%	0.184%
10	7.173	441	445	448	rVB2	118867	175075	2.12%	0.198%
11	7.230	448	450	455	rBV3	60753	139098	1.68%	0.158%
12	7.402	459	465	467	rBV	5459248	6489149	78.52%	7.353%
13	7.482	470	472	474	rVB	101828	95925	1.16%	0.109%
14	7.527	474	476	477	rBV2	89465	121999	1.48%	0.138%
15	7.607	480	483	484	rBV2	238594	257581	3.12%	0.292%
16	7.722	491	493	495	rBV2	86186	112027	1.36%	0.127%
17	7.768	495	497	499	rVV2	223169	309525	3.75%	0.351%
18	7.859	502	505	507	rBV	1028131	1125372	13.62%	1.275%
19	7.928	509	511	515	rVB2	91448	206131	2.49%	0.234%
20	7.985	515	516	518	rVB	100529	109892	1.33%	0.125%
21	8.122	525	528	530	rVV	1959715	3252902	39.36%	3.686%
22	8.168	531	532	534	rVV	537433	401965	4.86%	0.455%
23	8.213	534	536	537	rVB2	116759	136969	1.66%	0.155%
24	8.248	537	539	540	rBV2	117405	148680	1.80%	0.168%
25	8.270	540	541	543	rBV	124213	122165	1.48%	0.138%
26	8.316	543	545	547	rVB3	245002	239156	2.89%	0.271%
27	8.362	547	549	550	rBV	316795	320114	3.87%	0.363%
28	8.396	550	552	555	rVB3	340644	484477	5.86%	0.549%
29	8.499	560	561	564	rVB	287883	287332	3.48%	0.326%
30	8.556	564	566	567	rBV2	100109	173836	2.10%	0.197%
31	8.590	567	569	570	rVV	805175	846682	10.24%	0.959%
32	8.625	570	572	575	rVV2	287103	449735	5.44%	0.510%
33	8.682	575	577	578	rVV2	245824	302341	3.66%	0.343%
34	8.705	578	579	581	rVV2	671104	696700	8.43%	0.789%

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.750	581	583	584	rVV2	244503	375701	4.55%	0.426%
36	8.785	584	586	587	rVV2	434370	570072	6.90%	0.646%
37	8.808	587	588	591	rVV3	159239	216794	2.62%	0.246%
38	8.865	591	593	595	rVV2	65266	127170	1.54%	0.144%
39	8.922	595	598	599	rVV2	196209	383244	4.64%	0.434%
40	8.945	599	600	604	rVB3	253098	541925	6.56%	0.614%
41	9.036	604	608	609	rBV4	183151	432252	5.23%	0.490%
42	9.059	609	610	613	rVV	237291	293613	3.55%	0.333%
43	9.116	613	615	616	rVV	197103	202335	2.45%	0.229%
44	9.196	619	622	624	rVV	7993702	8264793	100.00%	9.365%
45	9.231	624	625	628	rVB3	87501	88880	1.08%	0.101%
46	9.276	628	629	630	rBV	79971	92335	1.12%	0.105%
47	9.311	630	632	633	rVV2	239553	283091	3.43%	0.321%
48	9.345	633	635	640	rVB2	286569	654498	7.92%	0.742%
49	9.459	641	645	647	rVV3	230450	432968	5.24%	0.491%
50	9.539	647	652	654	rVV5	265706	766890	9.28%	0.869%
51	9.596	654	657	660	rVV	284882	596385	7.22%	0.676%
52	9.642	660	661	667	rVB3	398719	600780	7.27%	0.681%
53	9.733	667	669	671	rBV2	86368	153934	1.86%	0.174%
54	9.768	671	672	674	rBV2	70179	95016	1.15%	0.108%
55	9.802	674	675	678	rVB2	115434	199129	2.41%	0.226%
56	9.871	678	681	683	rBV	3071327	3009286	36.41%	3.410%
57	9.905	683	684	687	rVV3	194096	258461	3.13%	0.293%
58	9.951	687	688	690	rVV	141492	169801	2.05%	0.192%
59	10.031	693	695	697	rVV3	285072	363127	4.39%	0.411%
60	10.076	697	699	702	rVV3	226238	300835	3.64%	0.341%
61	10.191	706	709	711	rVB2	402561	464633	5.62%	0.526%
62	10.248	711	714	717	rBV4	116439	279791	3.39%	0.317%
63	10.305	717	719	721	rBV3	246040	269568	3.26%	0.305%
64	10.362	722	724	726	rVB2	203006	230164	2.78%	0.261%
65	10.419	726	729	730	rBV3	99233	125500	1.52%	0.142%
66	10.488	732	735	737	rVV	645081	1000876	12.11%	1.134%
67	10.579	740	743	744	rVV2	137553	252564	3.06%	0.286%
68	10.659	747	750	753	rVV2	4392864	5842117	70.69%	6.620%
69	10.751	757	758	759	rBV	113425	117053	1.42%	0.133%
70	10.785	759	761	764	rVB	652025	797179	9.65%	0.903%
71	10.854	764	767	770	rBV4	128282	278200	3.37%	0.315%

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Integrator: RTE
Smoothing : ON Filtering: 5
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72	10.991	778	779	783	rBV2	305495	433104	5.24%	0.491%
73	11.048	783	784	787	rVB3	215929	179210	2.17%	0.203%
74	11.105	787	789	791	rVB3	146741	235678	2.85%	0.267%
75	11.151	791	793	796	rBV2	151854	191056	2.31%	0.216%
76	11.356	808	811	813	rVB	2726159	2476304	29.96%	2.806%
77	11.414	813	816	819	rVB4	70791	115957	1.40%	0.131%
78	11.471	819	821	822	rBV	401570	421577	5.10%	0.478%
79	11.574	827	830	832	rBV2	173640	261469	3.16%	0.296%
80	11.676	837	839	841	rBV2	55032	97552	1.18%	0.111%
81	11.711	841	842	844	rVV	218838	200757	2.43%	0.227%
82	11.756	844	846	849	rVB2	115788	137729	1.67%	0.156%
83	11.928	859	861	862	rVV	122569	149718	1.81%	0.170%
84	11.962	862	864	869	rVB3	110723	193827	2.35%	0.220%
85	12.099	874	876	881	rVB4	72049	171486	2.07%	0.194%
86	12.237	886	888	890	rVB	193657	253380	3.07%	0.287%
87	12.397	900	902	904	rBV3	54680	106678	1.29%	0.121%
88	12.499	908	911	913	rVB2	111345	162041	1.96%	0.184%
89	12.842	940	941	945	rVB4	54778	83904	1.02%	0.095%
90	12.945	947	950	953	rBV	7677675	8255427	99.89%	9.354%
91	13.848	1027	1029	1036	rVB2	86818	153324	1.86%	0.174%
92	13.985	1039	1041	1044	rBV	2337639	2323970	28.12%	2.633%
93	15.403	1162	1165	1168	rBV	1232072	1701110	20.58%	1.927%

Sum of corrected areas: 88255958

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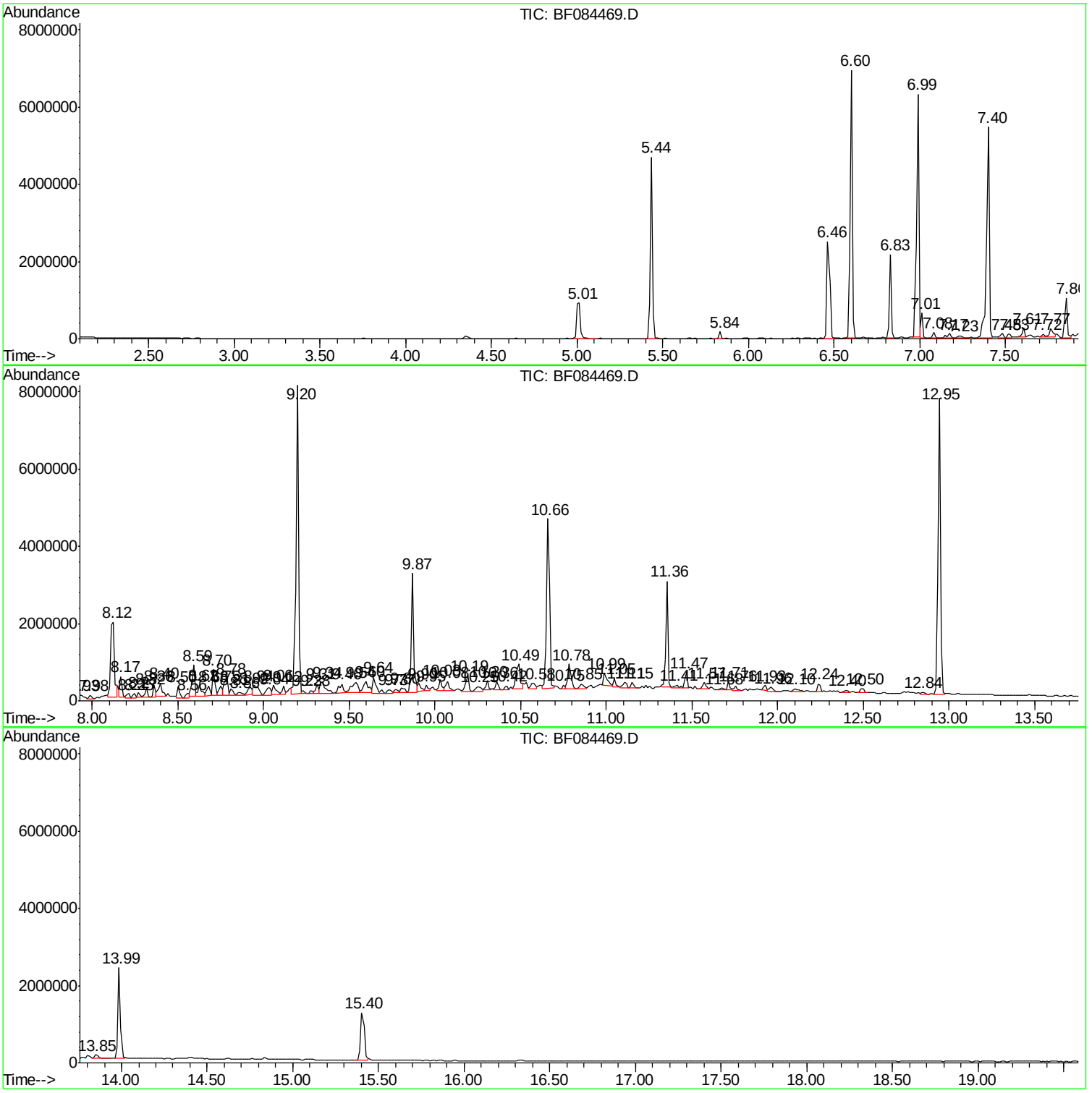
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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\BF011316\
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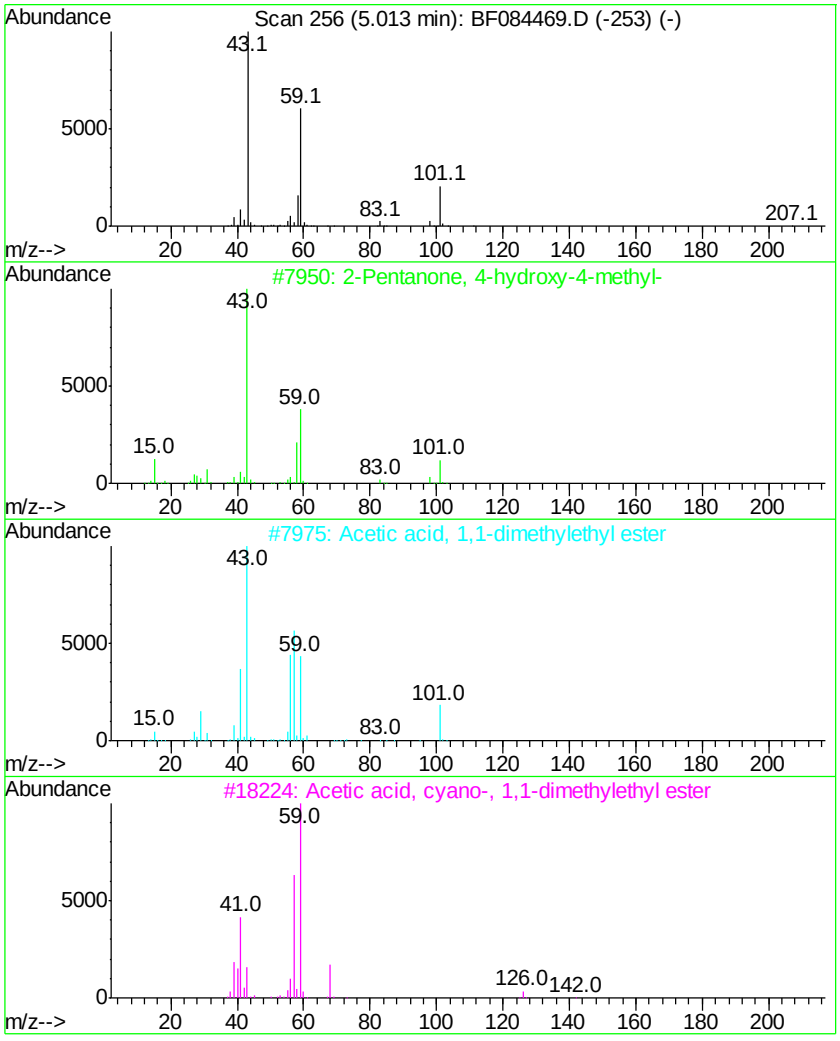
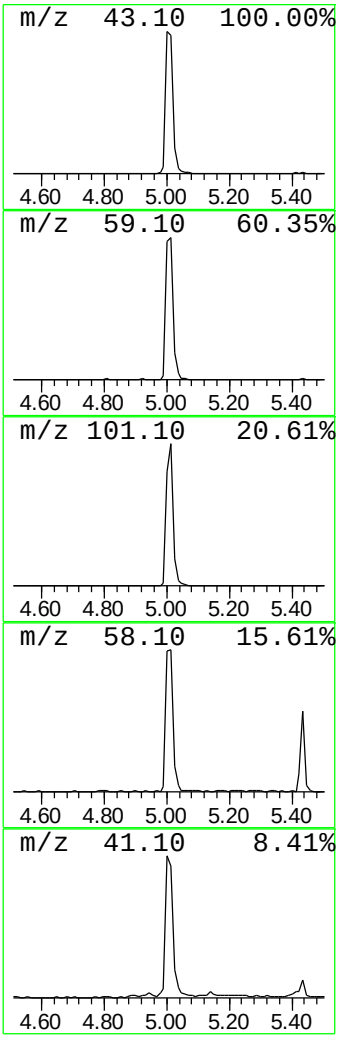
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	16.08 ng	1450610	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Sample : H1113-03
Misc :
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Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

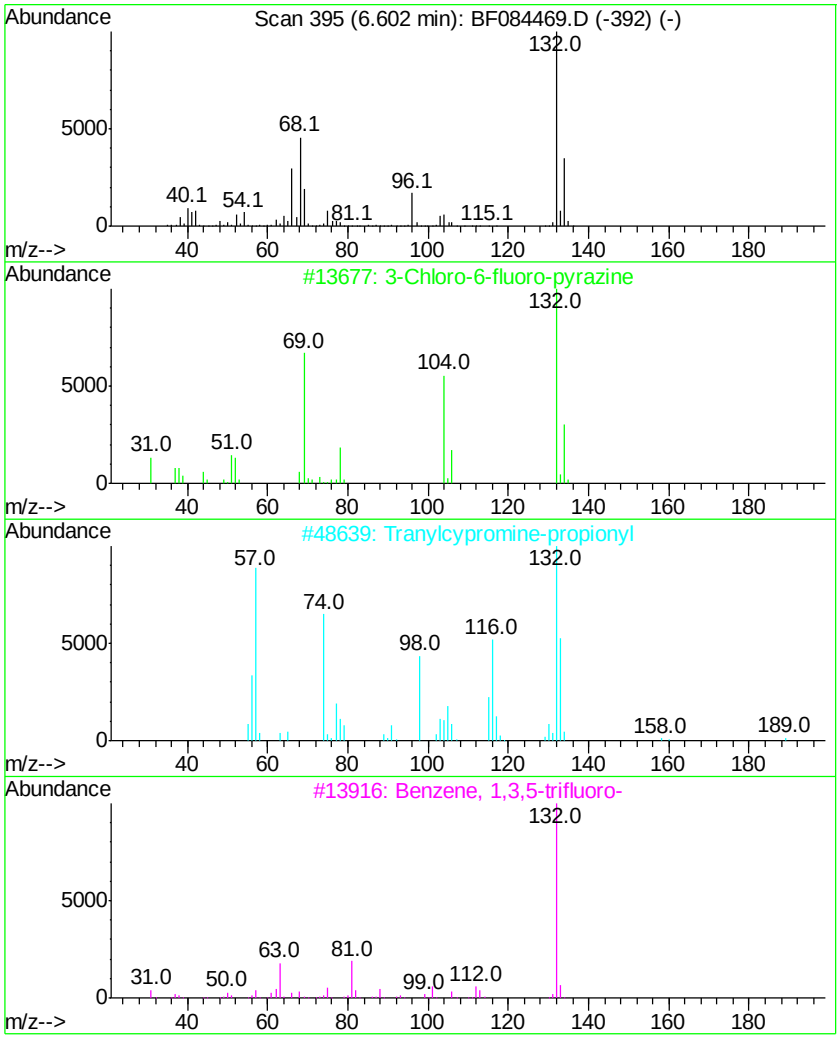
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

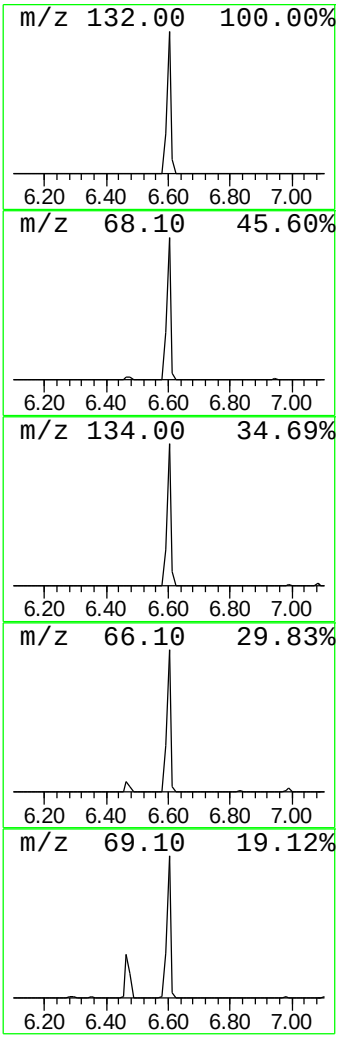
****

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	72.53 ng	6542630	1,4-Dichlorobenzene-d4	6.83

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	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
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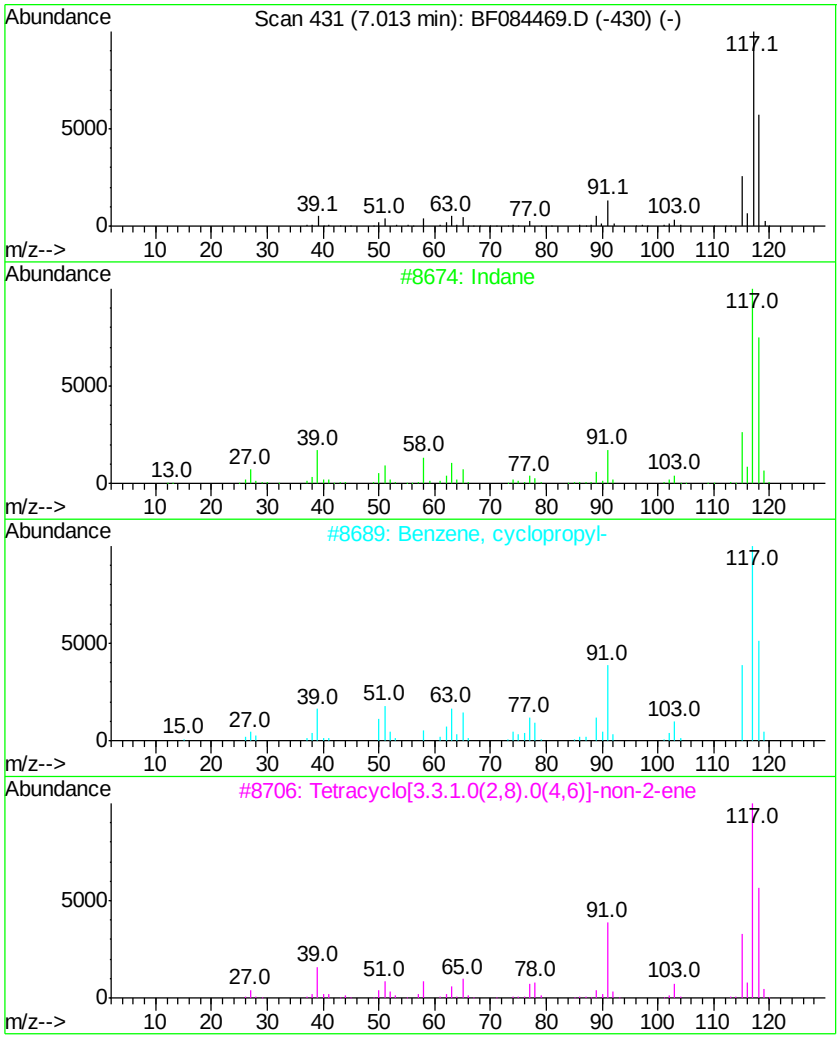
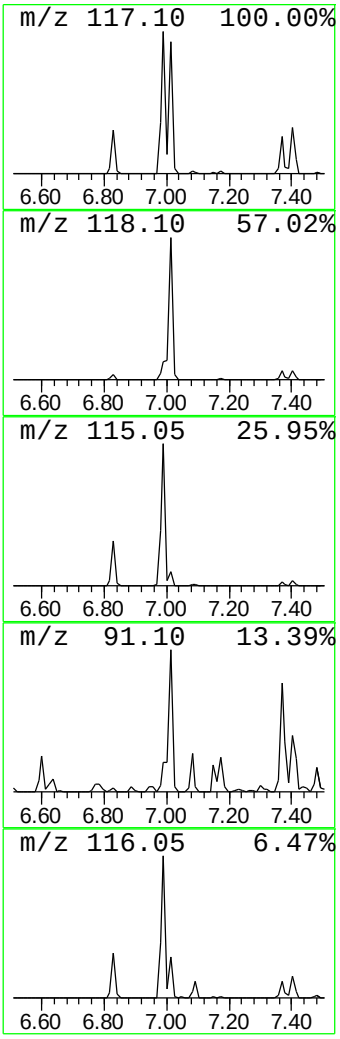
Peak Number 4 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	5.18 ng	467398	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	59
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53





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ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
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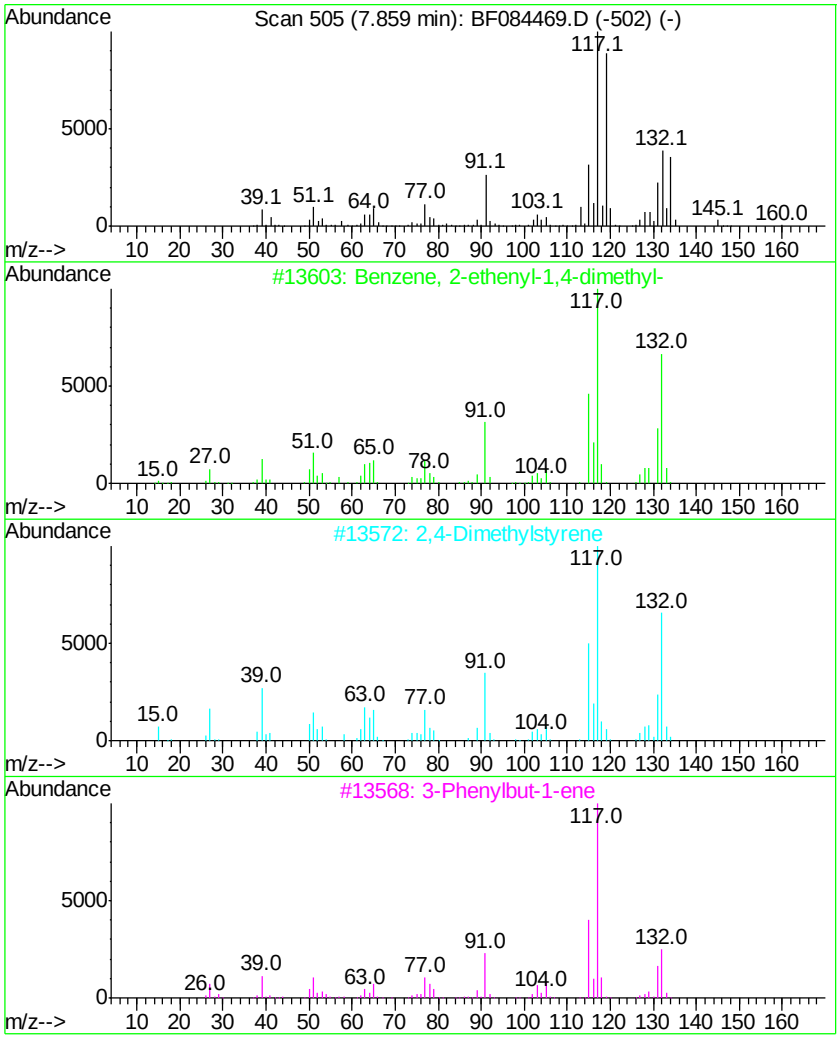
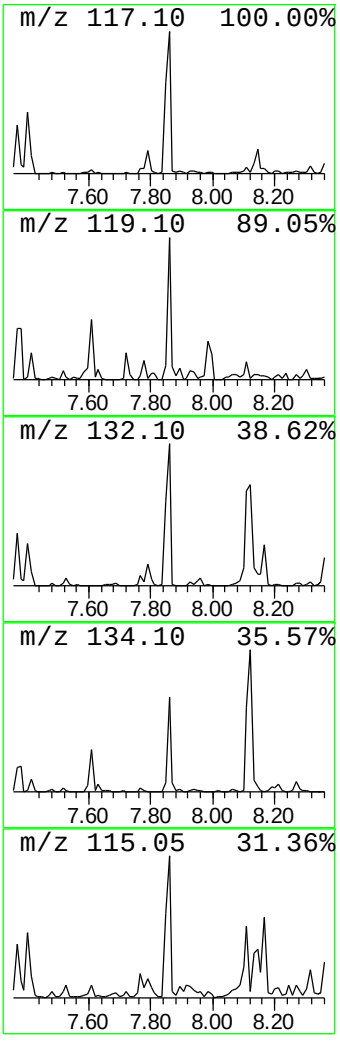
****

Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	6.92 ng	1125370	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	83
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	60
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55





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Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

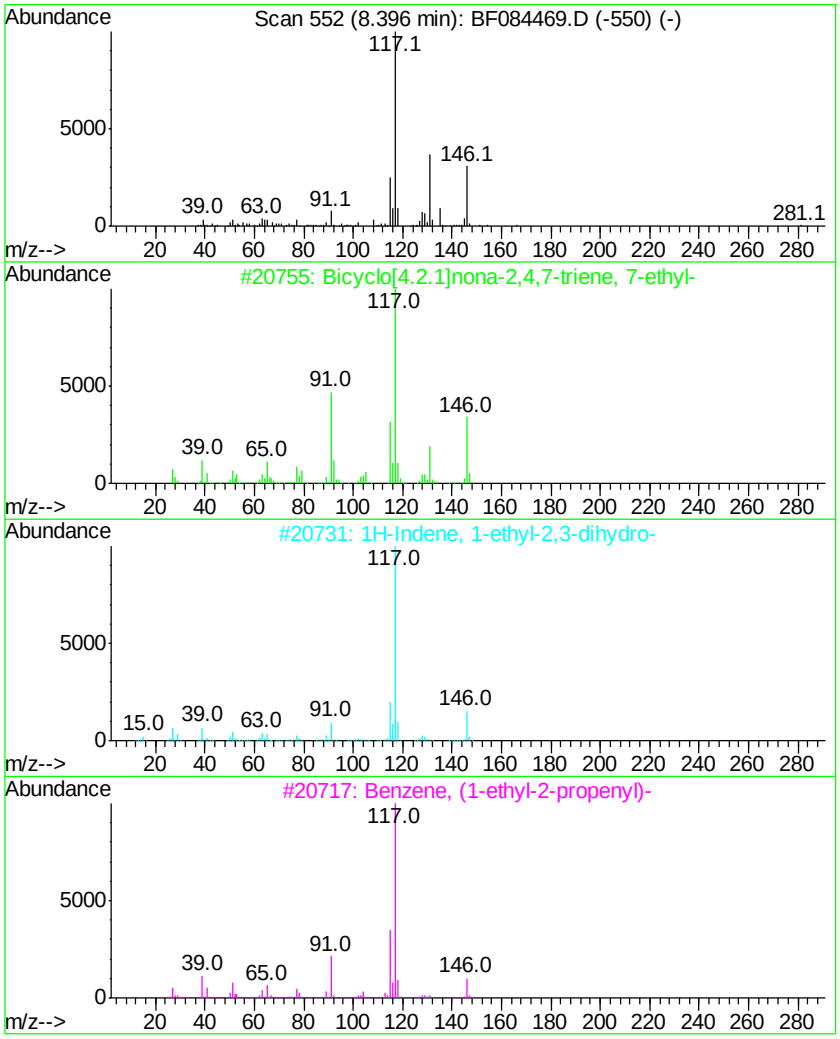
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

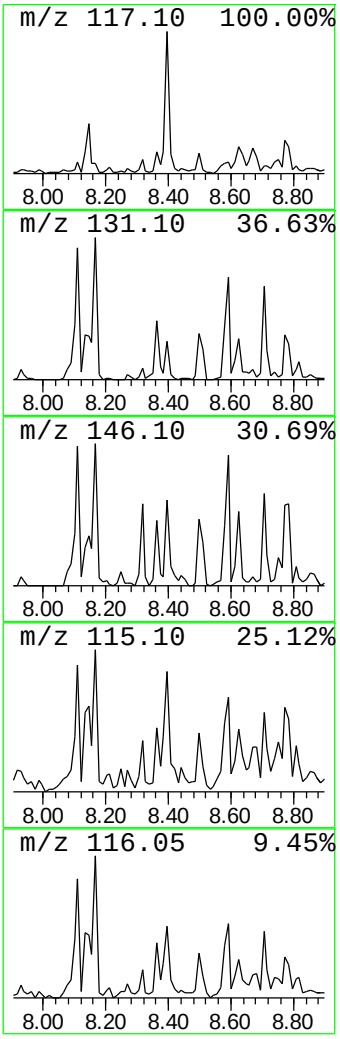
****

Peak Number 6 Bicyclo[4.2.1]nona-2,4,7-tr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	2.98 ng	484477	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	83
2	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	68
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	64
4	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	64
5	Hex-1-enylbenzene	160	C12H16	000828-15-9	53





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Data File : BF084469.D
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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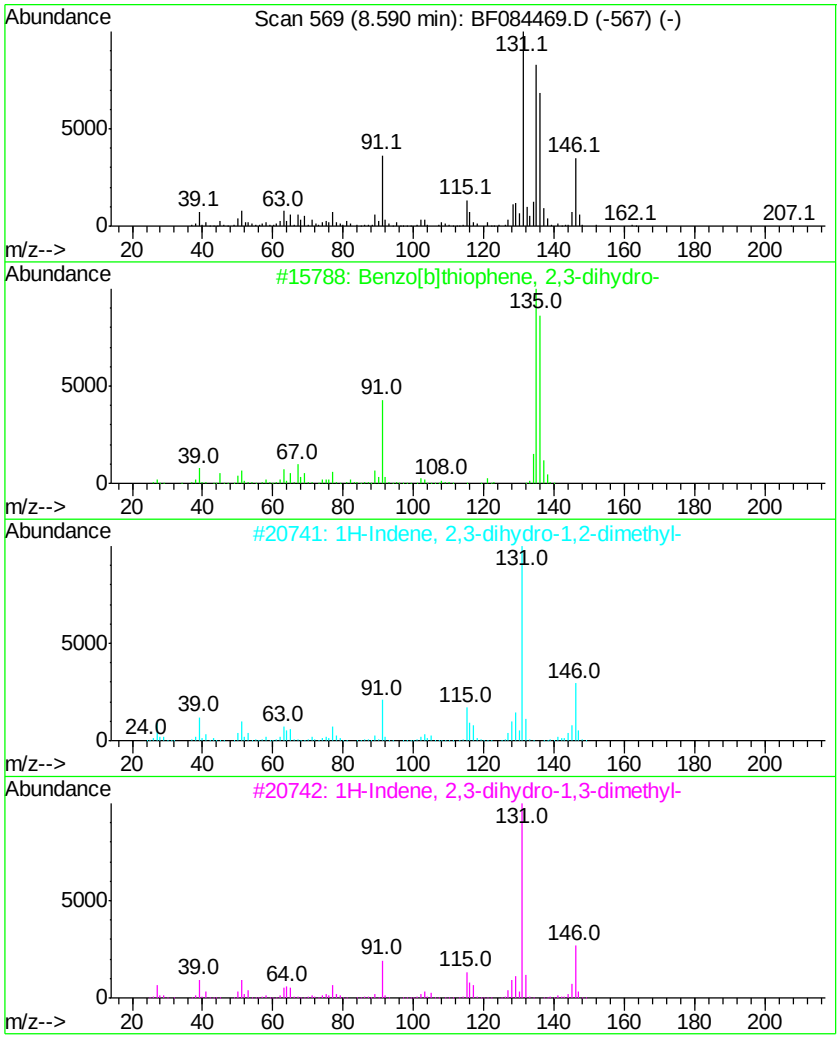
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

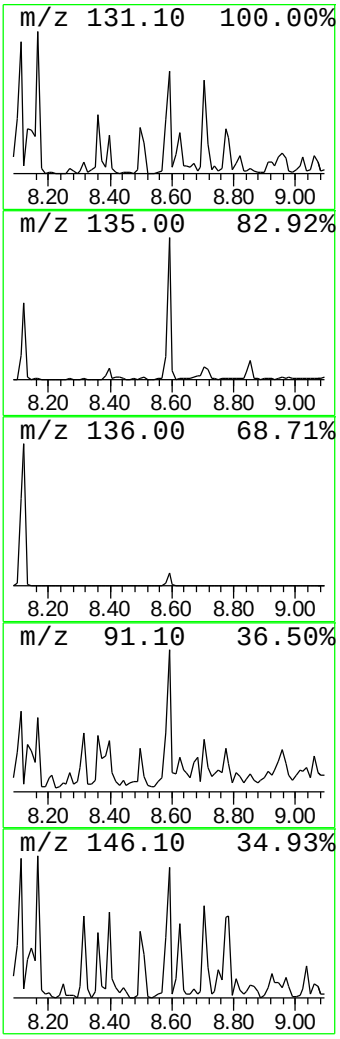
****

Peak Number 7 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	5.21 ng	846682	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	86
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	50





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Acq On : 14 Jan 2016 5:02
Operator : SJ/UM
Sample : H1113-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

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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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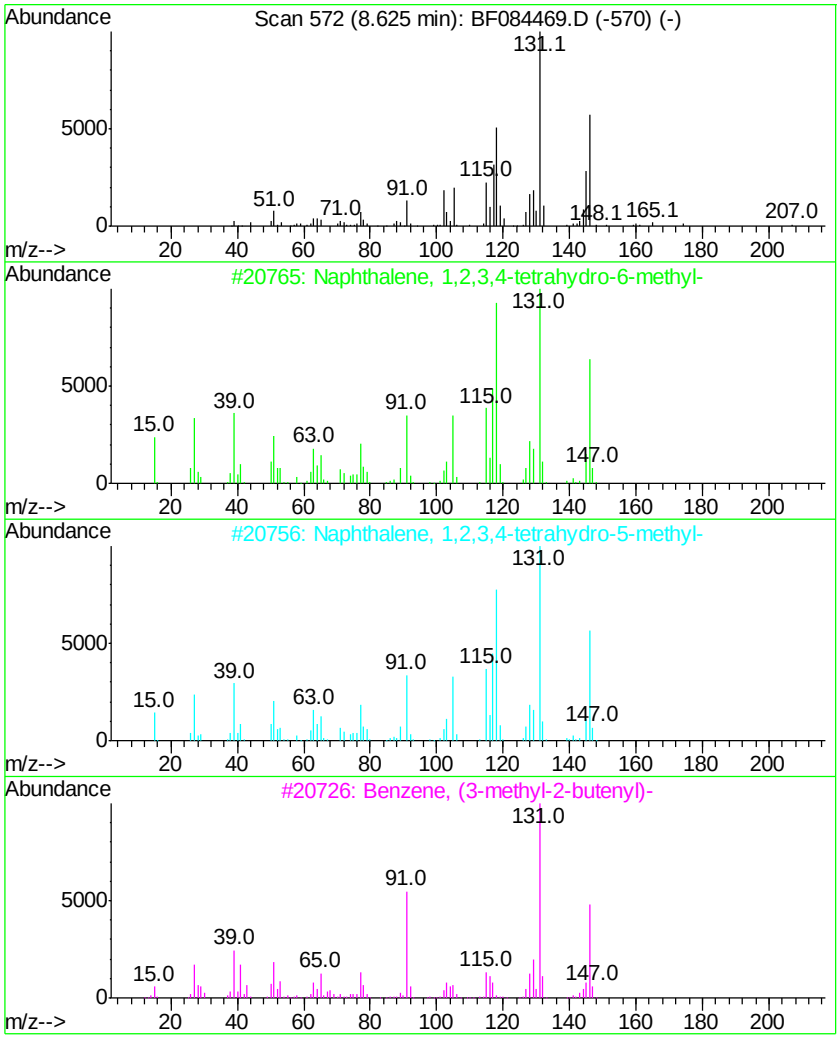
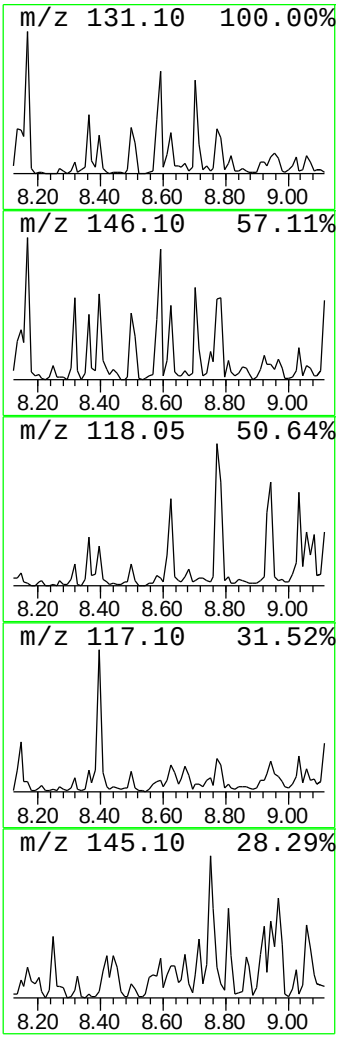
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	2.77 ng	449735	Naphthalene-d8	8.12

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	90
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	64
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	62





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ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId : MW-2

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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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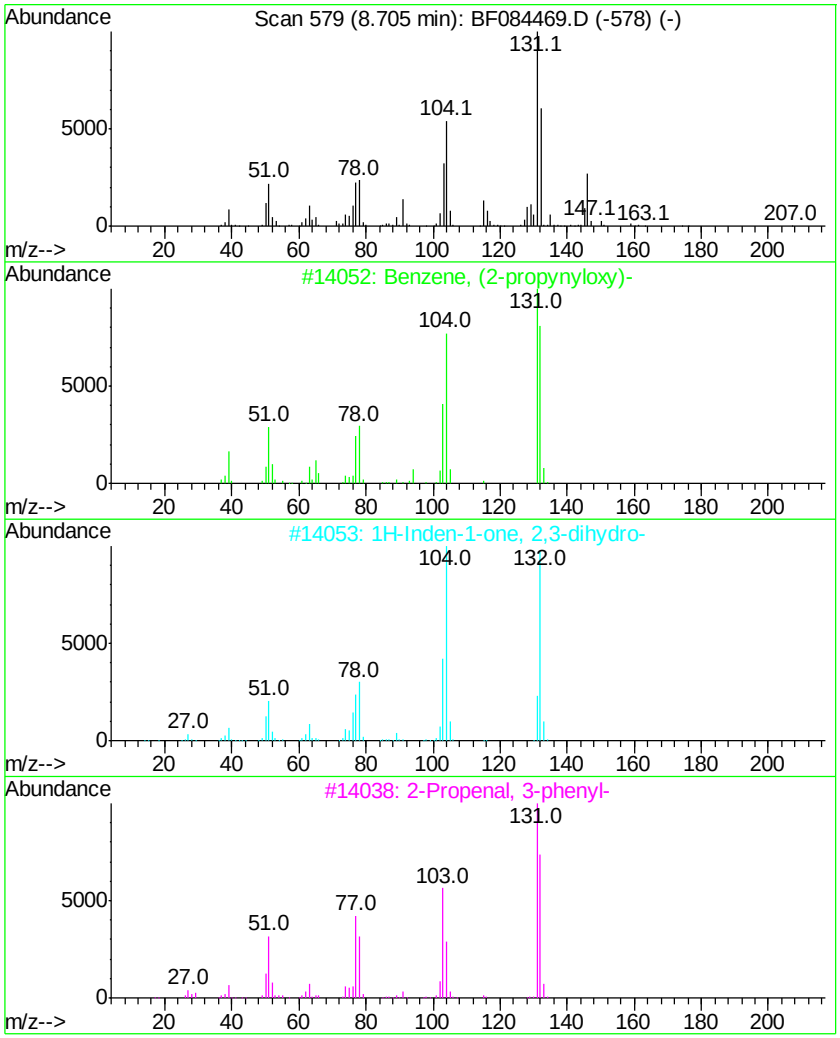
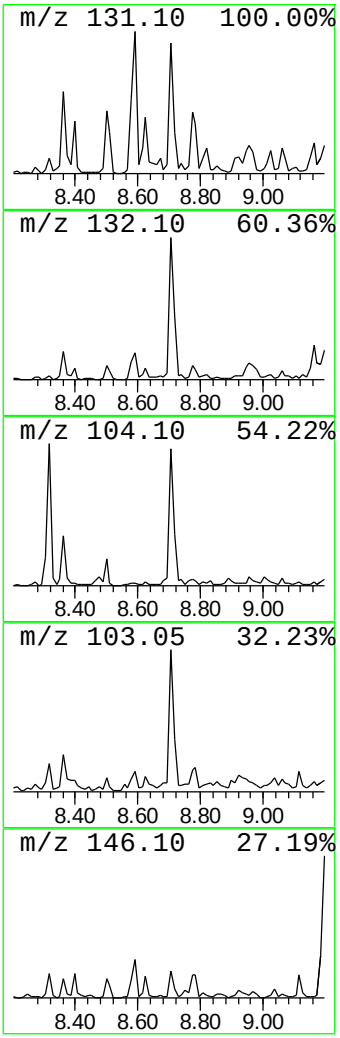
Peak Number 9 Benzene, (2-propynyloxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	4.28 ng	696700	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	90
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	86
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	70
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	70
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64





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TIC Library : C:\DATABASE\NIST02.L
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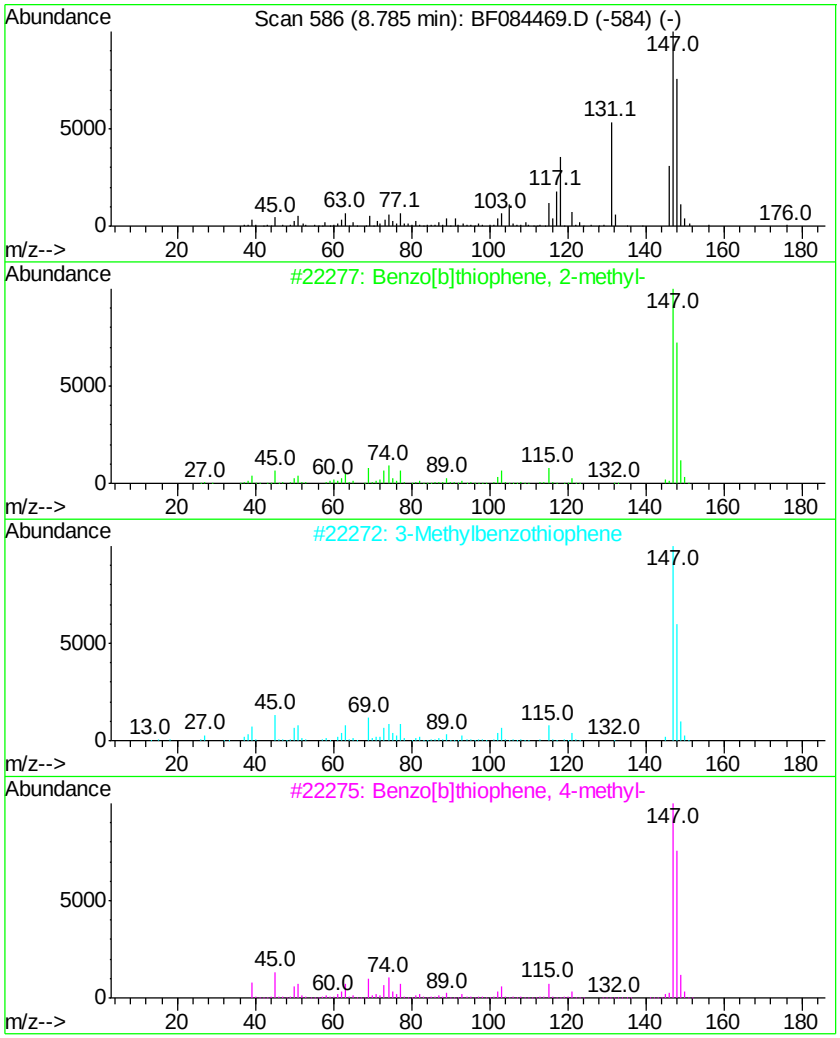
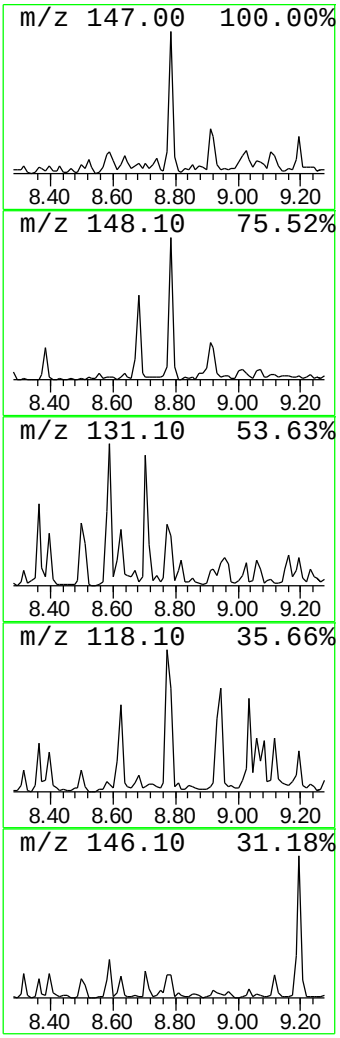
Peak Number 10 Benzo[b]thiophene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	3.51 ng	570072	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	64
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	64
3	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	58
4	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	58
5	Benzaldehyde, 2,4,6-trimethyl-	148	C10H12O	000487-68-3	52





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Instrument : BNA_F
ClientSampleId : MW-2

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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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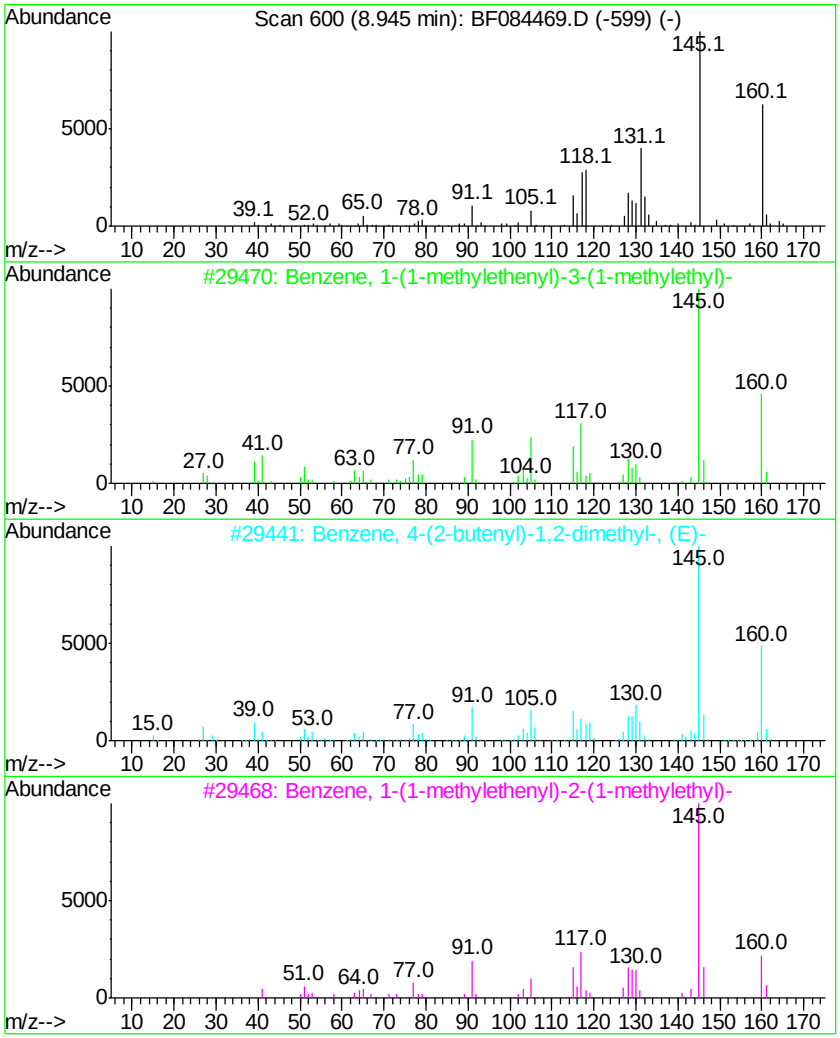
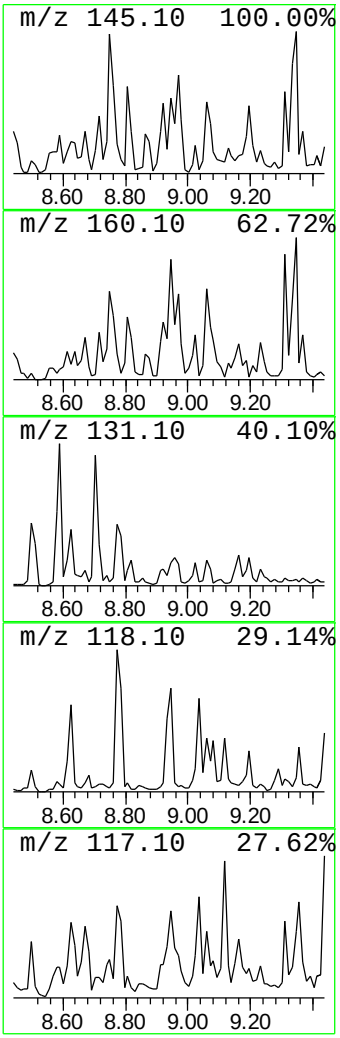
Peak Number 11 Benzene, 1-(1-methylethenyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	3.33 ng	541925	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	53
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	53
3	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	53
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	53
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	53





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ALS Vial : 23 Sample Multiplier: 1

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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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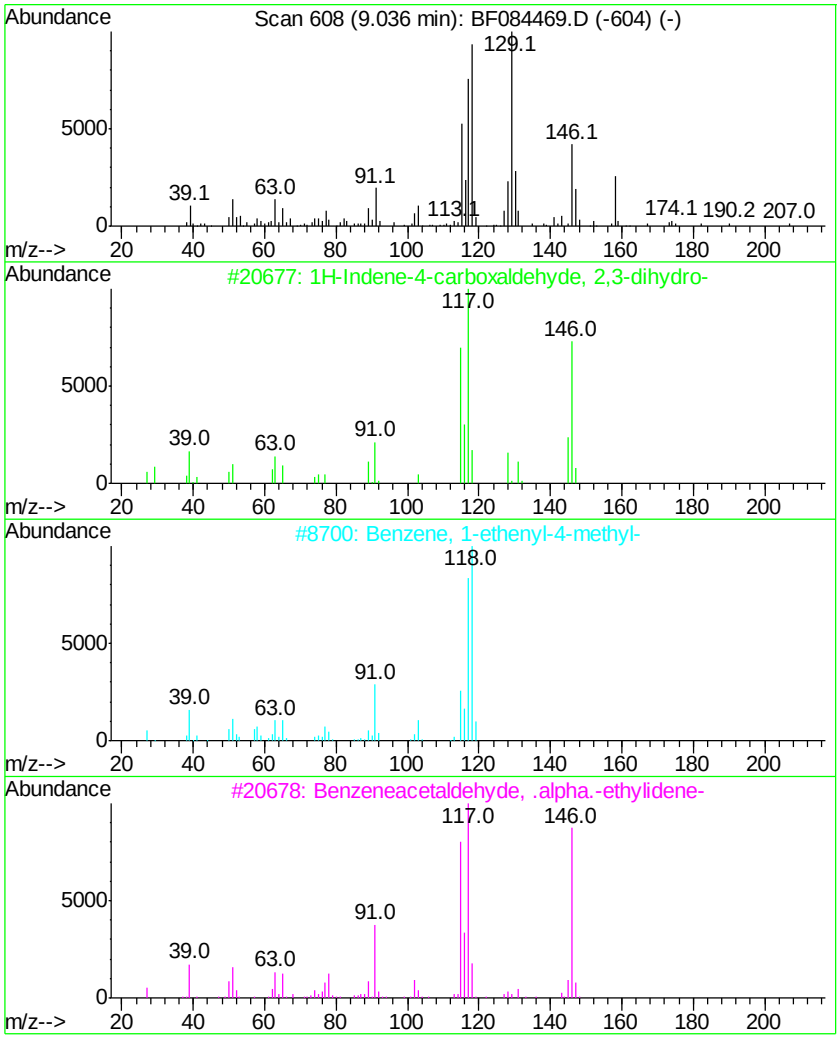
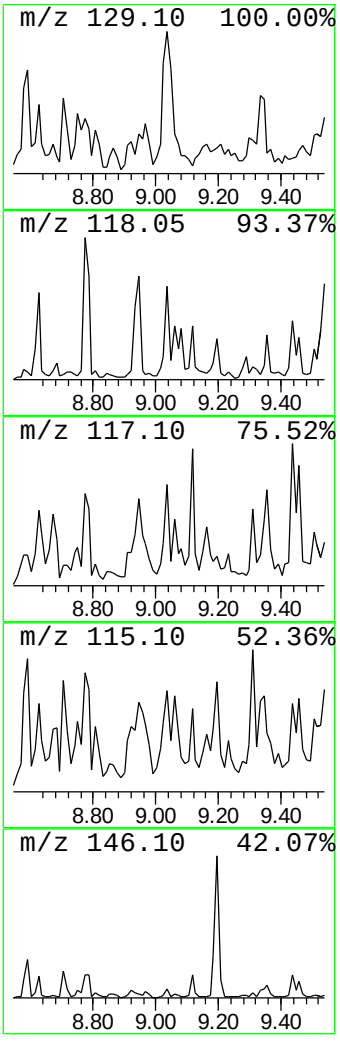
Peak Number 12 unknown9.04 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	2.87 ng	432252	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	41
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	38
3	Benzeneacetaldehyde, .alpha.-eth...	146	C10H10O	004411-89-6	38
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	30
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	27





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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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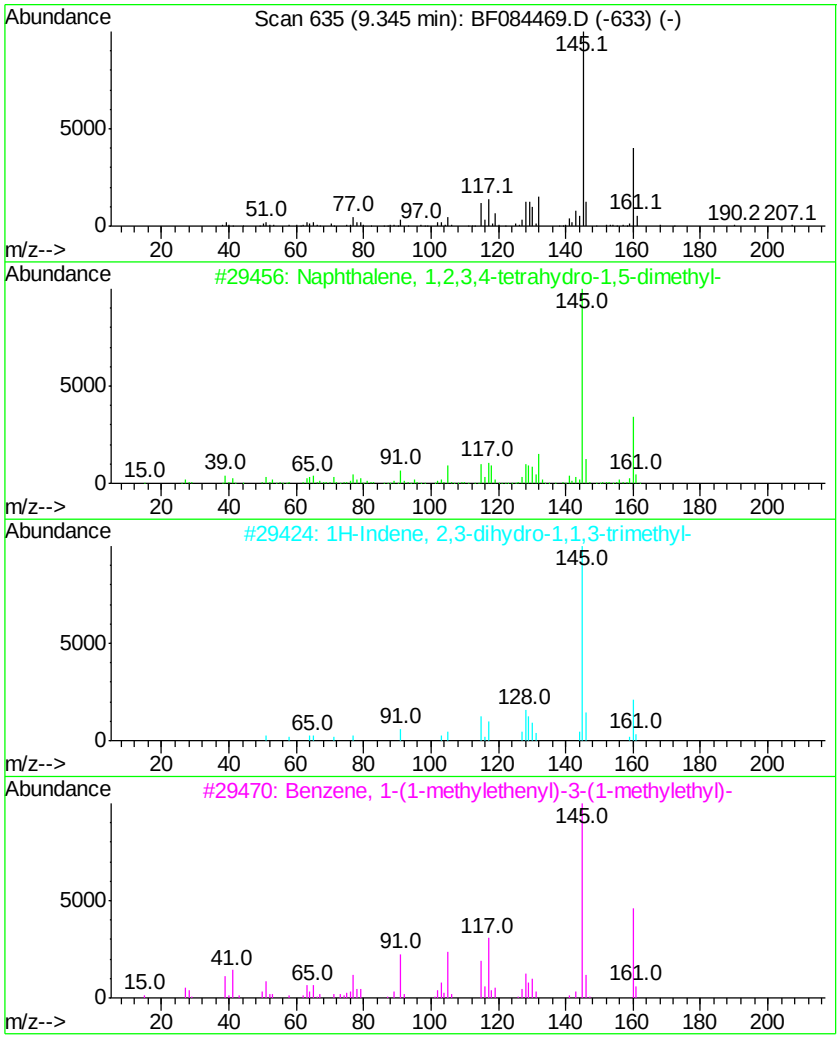
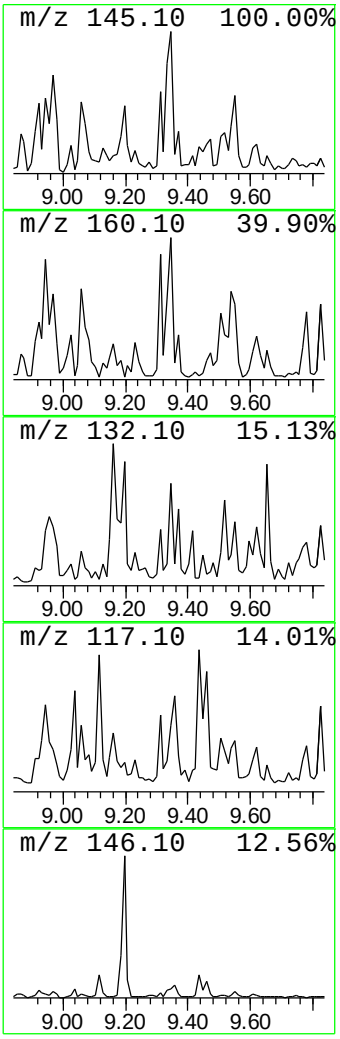
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	4.35 ng	654498	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	94
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	91
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	90
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	90
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	90





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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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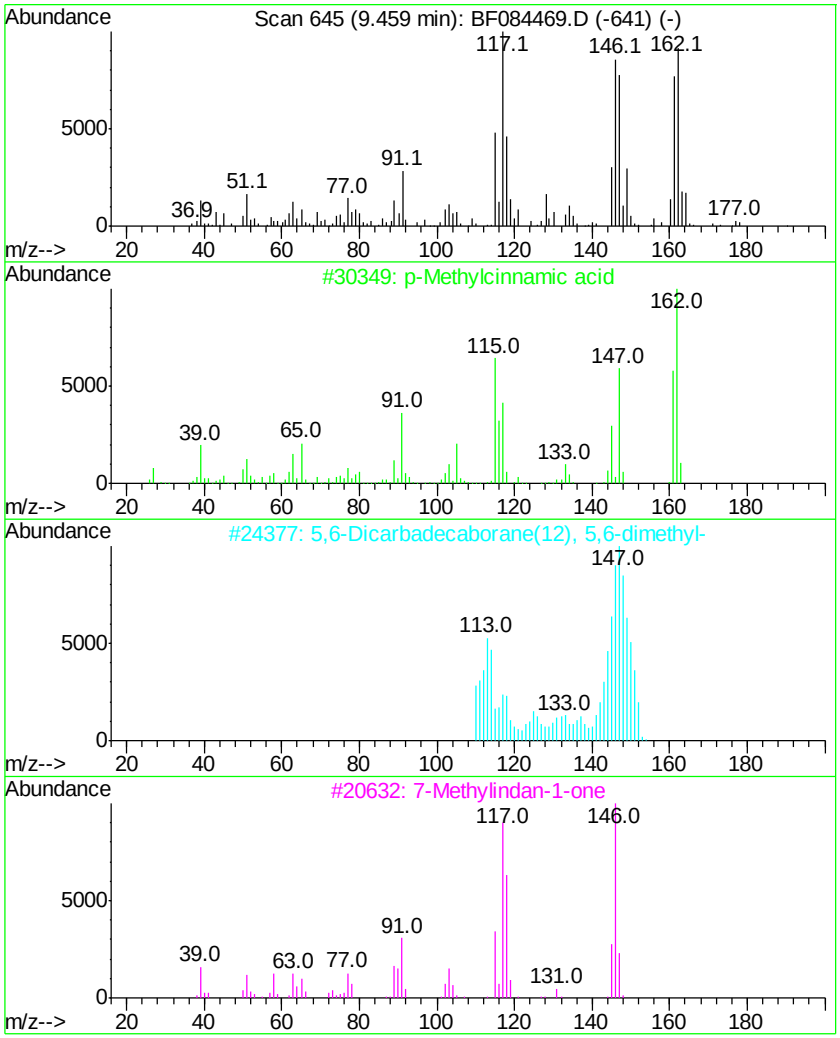
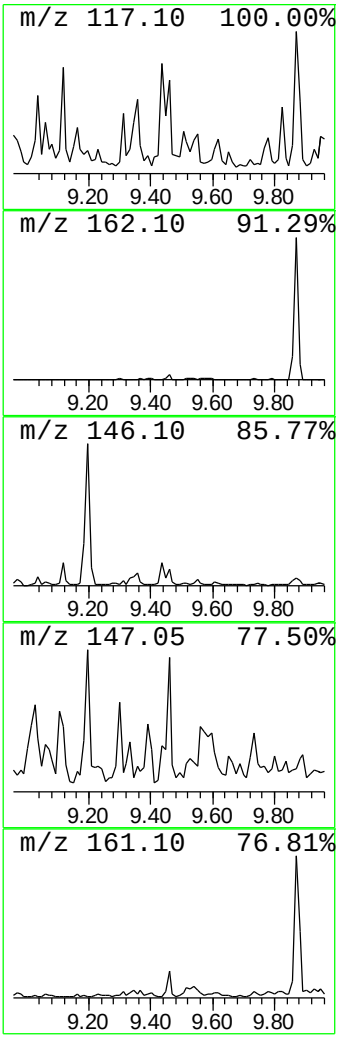
Peak Number 14 unknown9.46 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	2.88 ng	432968	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Methylcinnamic acid	162	C10H10O2	001866-39-3	46
2	5,6-Dicarbadecaborane(12), 5,6-d...	152	C4H16B8	031566-09-3	42
3	7-Methylindan-1-one	146	C10H10O	039627-61-7	38
4	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	38
5	2-(1-Methylhydrazino)-1H-benzimi...	162	C8H10N4	053827-27-3	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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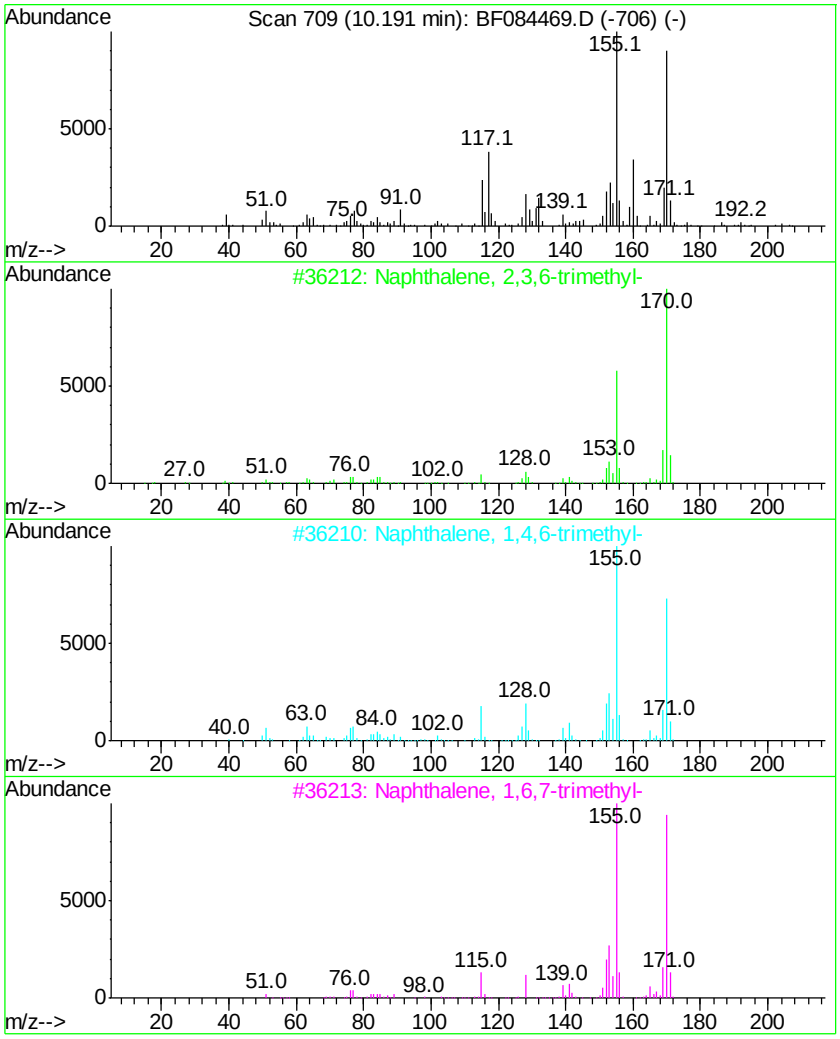
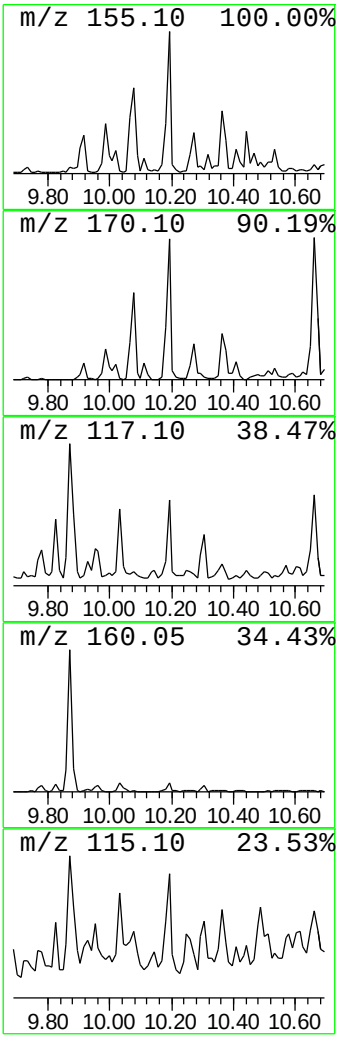
Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	3.09 ng	464633	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	92
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70





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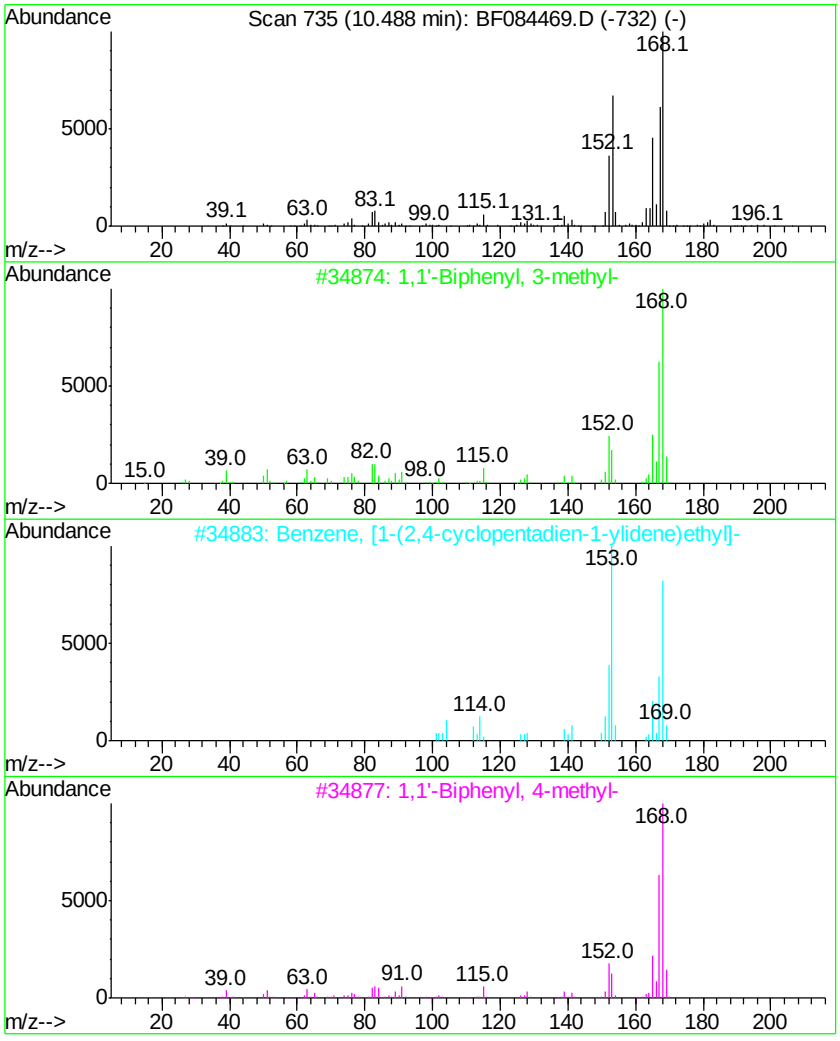
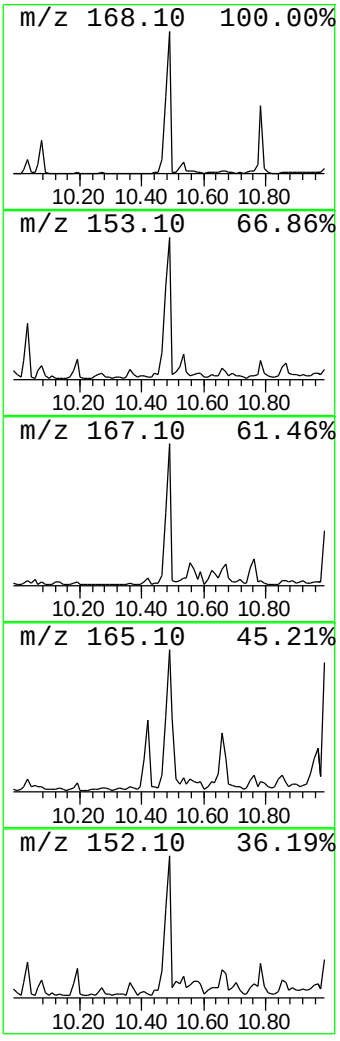
Peak Number 17 1,1'-Biphenyl, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	6.65 ng	1000880	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	52
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	47
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	47
4	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	45
5	(1R)-(-)-Thiocamphor	168	C10H16S	053402-10-1	41





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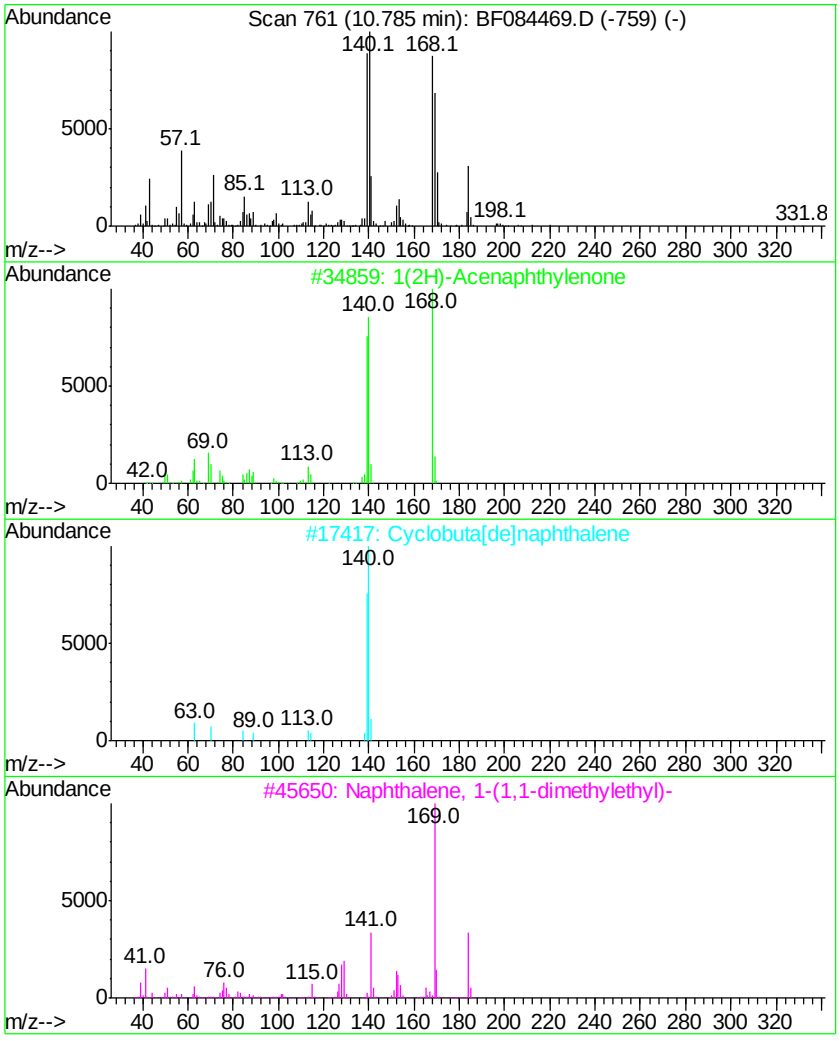
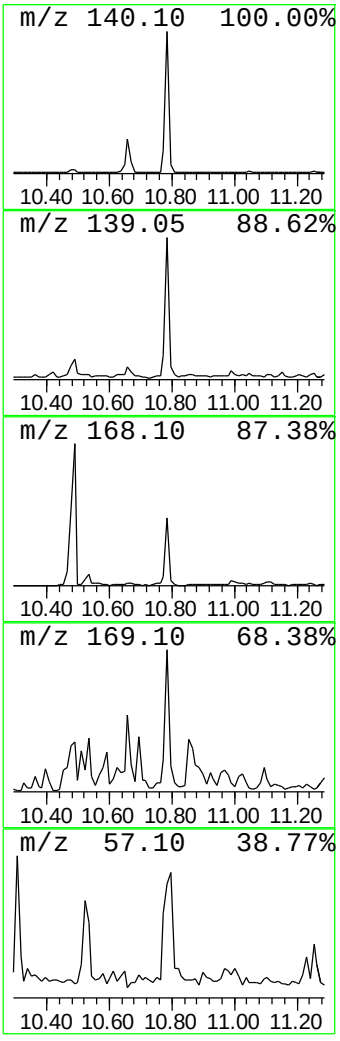
Peak Number 18 1(2H)-Acenaphthylenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	6.44 ng	797179	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	93
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	38
3	Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	35
4	1-Isoquinolinecarbonitrile, 3-me...	168	C11H8N2	022381-52-8	30
5	1-Hydroxy-4-methoxyiminomethyl-2...	199	C9H17N3O2	344411-55-8	27





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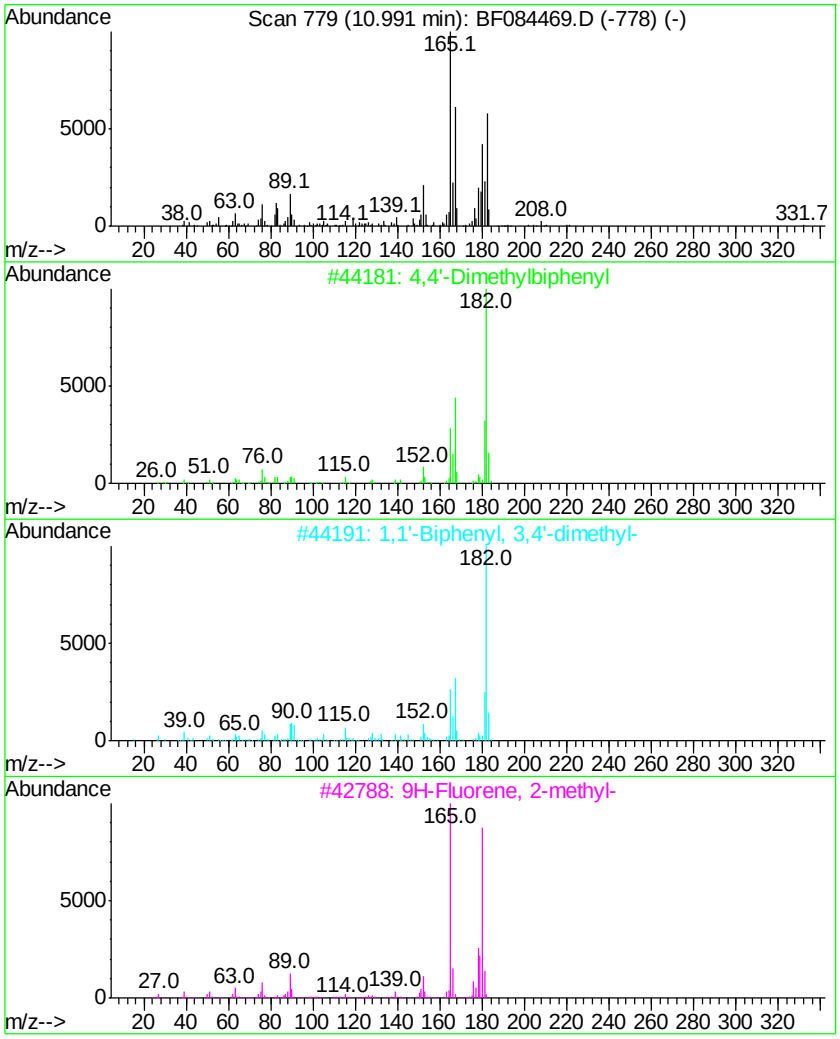
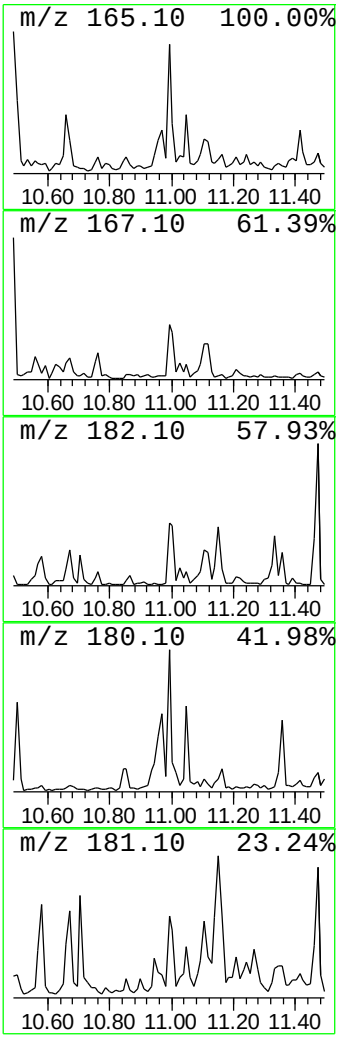
Peak Number 19 4,4'-Dimethylbiphenyl Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	3.50 ng	433104	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	60
2	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	60
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	50
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	50
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084469.D
Acq On : 14 Jan 2016 5:02
Operator : SJ/UM
Sample : H1113-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

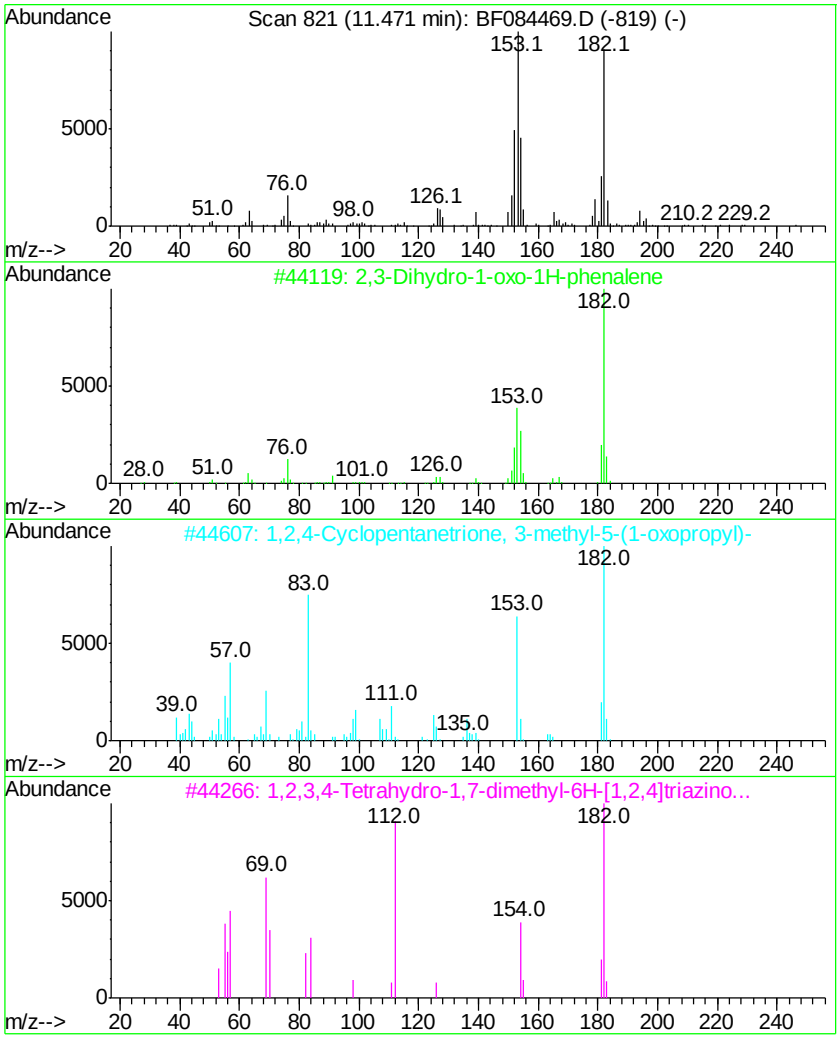
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

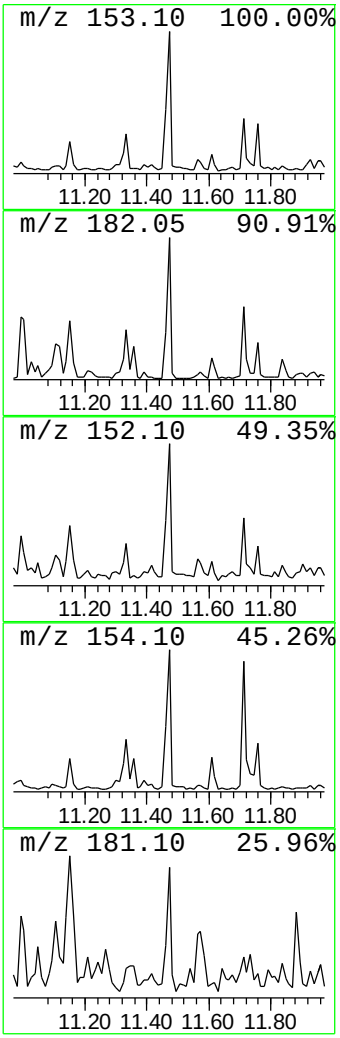
****

Peak Number 20 2,3-Dihydro-1-oxo-1H-phenalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	3.40 ng	421577	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	81
2	1,2,4-Cyclopentanetrione, 3-meth...	182	C9H10O4	057174-14-8	50
3	1,2,3,4-Tetrahydro-1,7-dimethyl-...	182	C6H10N6O	116471-31-9	45
4	Benzenamine, 4-ethoxy-3-nitro-	182	C8H10N2O3	001777-87-3	38
5	.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011316\
Data File : BF084469.D
Acq On : 14 Jan 2016 5:02
Operator : SJ/UM
Sample : H1113-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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...	5.01	16.1	ng	1450610	1	6.83	1804000	20.0
unknown6.60	6.60	72.5	ng	6542630	1	6.83	1804000	20.0
Indane	7.01	5.2	ng	467398	1	6.83	1804000	20.0
Benzene, 2-etheny...	7.86	6.9	ng	1125370	2	8.12	3252900	20.0
Bicyclo[4.2.1]non...	8.40	3.0	ng	484477	2	8.12	3252900	20.0
Benzo[b]thiophene...	8.59	5.2	ng	846682	2	8.12	3252900	20.0
Naphthalene, 1,2,...	8.62	2.8	ng	449735	2	8.12	3252900	20.0
Benzene, (2-propy...	8.70	4.3	ng	696700	2	8.12	3252900	20.0
Benzo[b]thiophene...	8.78	3.5	ng	570072	2	8.12	3252900	20.0
Benzene, 1-(1-met...	8.94	3.3	ng	541925	2	8.12	3252900	20.0
unknown9.04	9.04	2.9	ng	432252	3	9.87	3009290	20.0
Naphthalene, 1,2,...	9.34	4.3	ng	654498	3	9.87	3009290	20.0
unknown9.46	9.46	2.9	ng	432968	3	9.87	3009290	20.0
Naphthalene, 2,3,...	10.19	3.1	ng	464633	3	9.87	3009290	20.0
1,1'-Biphenyl, 3-...	10.49	6.7	ng	1000880	3	9.87	3009290	20.0
1(2H)-Acenaphthyl...	10.79	6.4	ng	797179	4	11.36	2476300	20.0
4,4'-Dimethylbiph...	10.99	3.5	ng	433104	4	11.36	2476300	20.0
2,3-Dihydro-1-oxo...	11.47	3.4	ng	421577	4	11.36	2476300	20.0