LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083165.D
Acq On : 22 Nov 2015 18:14
Operator : UM/IZ
Sample : G4485-02
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-31

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-BF112115.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	4.798	244	246	261	rVB	753727	1187736	16.25%	1.447%
2	5.256	284	286	295	rBV	2233170	3053035	41.76%	3.719%
3	5.793	329	333	336	rBV	262884	356282	4.87%	0.434%
4	6.101	358	360	362	rBV	618045	641761	8.78%	0.782%
5	6.307	376	378	386	rBV	1669171	2042942	27.94%	2.488%
6	6.421	386	388	391	rBV	5091195	5030763	68.81%	6.128%
7	6.604	400	404	406	rBV2	452332	617341	8.44%	0.752%
8	6.650	406	408	410	rBV	1291618	1193446	16.32%	1.454%
9	6.810	419	422	423	rBV	4562281	5126840	70.13%	6.245%
10	6.913	429	431	433	rBV	619334	673841	9.22%	0.821%
11	6.981	435	437	441	rBV2	376005	767371	10.50%	0.935%
12	7.222	453	458	463	rBV2	4087167	7310926	100.00%	8.905%
13	7.313	463	466	467	rVB2	173208	256834	3.51%	0.313%
14	7.347	467	469	473	rVB	238054	251613	3.44%	0.306%
15	7.427	473	476	478	rBV2	1033728	1513925	20.71%	1.844%
16	7.553	485	487	488	rBV	215044	180246	2.47%	0.220%
17	7.610	488	492	496	rVB2	477827	1013412	13.86%	1.234%
18	7.679	496	498	500	rBV2	1643153	1928060	26.37%	2.349%
19	7.724	500	502	503	rVB	137738	166559	2.28%	0.203%
20	7.770	503	506	508	rBV2	217269	335616	4.59%	0.409%
21	7.816	508	510	512	rVB	256757	239353	3.27%	0.292%
22	7.873	514	515	518	rBV2	156078	331489	4.53%	0.404%
23	7.942	518	521	522	rBV2	1483242	1905361	26.06%	2.321%
24	8.033	527	529	531	rVB2	146887	162845	2.23%	0.198%
25	8.079	531	533	534	rBV	61021	82583	1.13%	0.101%
26	8.102	534	535	536	rVB	135373	92798	1.27%	0.113%
27	8.136	536	538	540	rBV	465535	508108	6.95%	0.619%
28	8.182	540	542	543	rBV	335909	290194	3.97%	0.353%
29	8.216	543	545	549	rVB4	173124	336413	4.60%	0.410%
30	8.330	552	555	558	rVB3	277767	474320	6.49%	0.578%
31	8.410	558	562	563	rBV	424375	545051	7.46%	0.664%
32	8.444	563	565	568	rVB	475651	444205	6.08%	0.541%
33	8.502	568	570	571	rBV2	122402	102773	1.41%	0.125%
34	8.536	571	573	575	rVB2	168405	207524	2.84%	0.253%

LSC Area Percent Report

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Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-31

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-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.605	576	579	580	rVB2	458224	552257	7.55%	0.673%
36	8.639	580	582	584	rVB	181049	256004	3.50%	0.312%
37	8.707	584	588	590	rBV3	280557	639376	8.75%	0.779%
38	8.742	590	591	594	rBV3	119643	215720	2.95%	0.263%
39	8.856	599	601	603	rBV	85553	103002	1.41%	0.125%
40	8.902	603	605	606	rBV2	128542	205979	2.82%	0.251%
41	8.925	606	607	608	rVB	198020	135842	1.86%	0.165%
42	8.959	608	610	613	rBV4	162789	381587	5.22%	0.465%
43	9.016	613	615	618	rVB	5428456	6730529	92.06%	8.198%
44	9.085	618	621	622	rBV2	89525	89266	1.22%	0.109%
45	9.153	624	627	629	rBV3	193480	397905	5.44%	0.485%
46	9.199	629	631	635	rVB2	337994	782984	10.71%	0.954%
47	9.279	635	638	642	rBV	774910	1357176	18.56%	1.653%
48	9.347	642	644	646	rBV	1076496	1136573	15.55%	1.384%
49	9.382	646	647	649	rVV2	328138	383860	5.25%	0.468%
50	9.462	653	654	658	rVB2	491005	752109	10.29%	0.916%
51	9.542	659	661	666	rVB2	260266	465538	6.37%	0.567%
52	9.622	666	668	671	rBV2	213642	440772	6.03%	0.537%
53	9.690	671	674	676	rBV	1457977	1880425	25.72%	2.290%
54	9.759	678	680	682	rVB2	110247	145321	1.99%	0.177%
55	9.805	682	684	686	rBV3	167615	335135	4.58%	0.408%
56	9.885	690	691	693	rVB2	337670	431973	5.91%	0.526%
57	9.919	693	694	696	rVB2	149577	151002	2.07%	0.184%
58	9.999	697	701	703	rBV3	294380	645648	8.83%	0.786%
59	10.033	703	704	708	rVB	490123	611575	8.37%	0.745%
60	10.113	708	711	714	rVB5	354177	654121	8.95%	0.797%
61	10.193	714	718	723	rBV4	462395	1202459	16.45%	1.465%
62	10.308	724	728	731	rVB6	215635	416904	5.70%	0.508%
63	10.399	733	736	738	rBV3	236664	475557	6.50%	0.579%
64	10.445	738	740	741	rBV	222262	333347	4.56%	0.406%
65	10.479	741	743	745	rVB	3507234	3961083	54.18%	4.825%
66	10.513	745	746	747	rBV	267414	296259	4.05%	0.361%
67	10.548	747	749	751	rVB	376683	446302	6.10%	0.544%
68	10.593	751	753	756	rBV3	208111	365691	5.00%	0.445%
69	10.650	756	758	759	rBV	175597	220941	3.02%	0.269%
70	10.673	759	760	761	rBV	170436	187278	2.56%	0.228%
71	10.822	770	773	777	rVB5	215146	356089	4.87%	0.434%

LSC Area Percent Report

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Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-31

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.879	777	778	780	rBV	96152	176527	2.41%	0.215%
73	11.085	794	796	801	rVB4	166777	317016	4.34%	0.386%
74	11.165	801	803	805	rBV	1764846	1736735	23.76%	2.115%
75	11.268	810	812	814	rBV3	128096	233987	3.20%	0.285%
76	11.622	841	843	845	rBV2	126846	200816	2.75%	0.245%
77	11.725	849	852	856	rVB2	311713	520925	7.13%	0.635%
78	11.839	860	862	867	rVB	374234	457908	6.26%	0.558%
79	11.919	867	869	872	rBV3	120545	195429	2.67%	0.238%
80	12.422	909	913	918	rVB2	65957	151455	2.07%	0.184%
81	12.502	918	920	922	rVV	225830	360606	4.93%	0.439%
82	12.582	925	927	930	rVB2	303438	350240	4.79%	0.427%
83	12.754	939	942	944	rBV	5793306	6598786	90.26%	8.038%
84	13.291	987	989	991	rBV	252224	259096	3.54%	0.316%
85	13.656	1019	1021	1025	rBV	162288	196563	2.69%	0.239%
86	13.782	1030	1032	1035	rBV	1627644	1627100	22.26%	1.982%
87	15.154	1149	1152	1155	rBV	971830	1198936	16.40%	1.460%

Sum of corrected areas: 82097280

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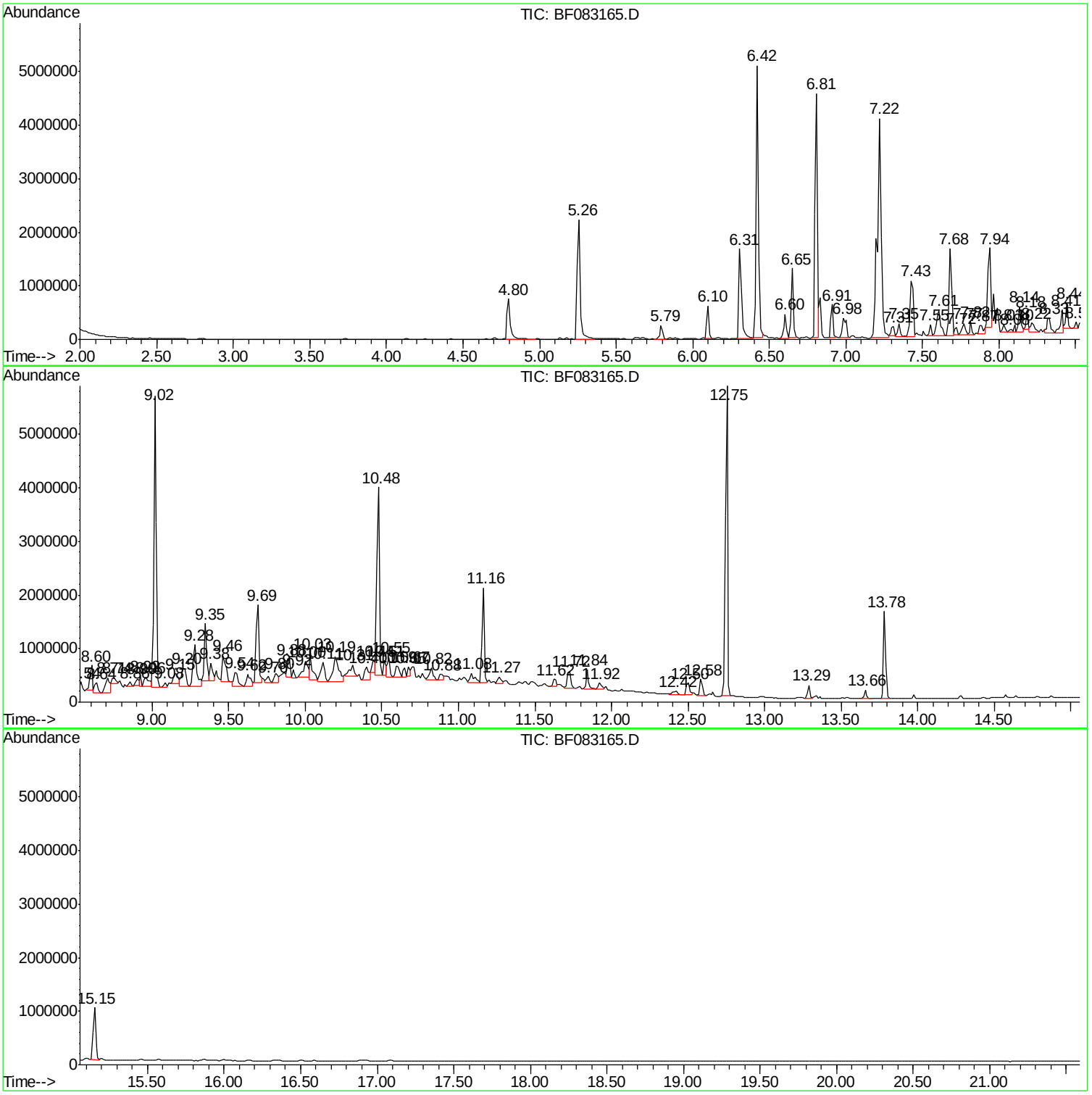
Instrument :
BNA_F
ClientSampleId :
MW-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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\BF112215\
Data File : BF083165.D
Acq On : 22 Nov 2015 18:14
Operator : UM/IZ
Sample : G4485-02
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

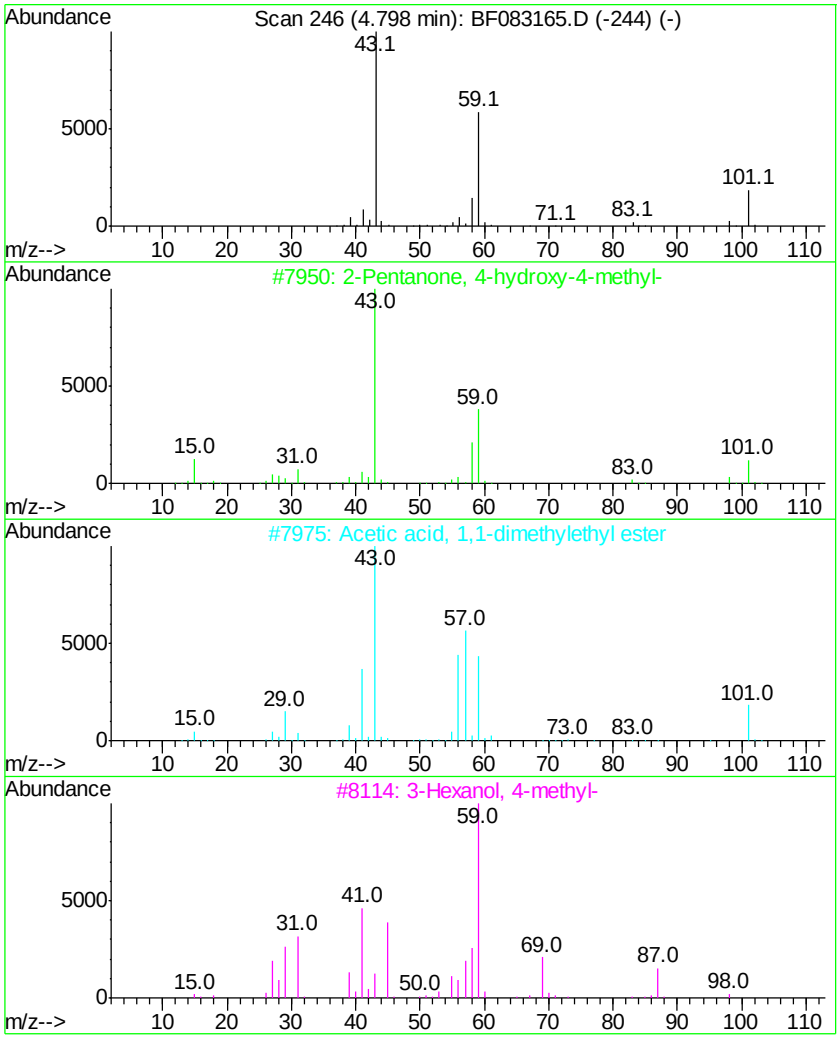
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

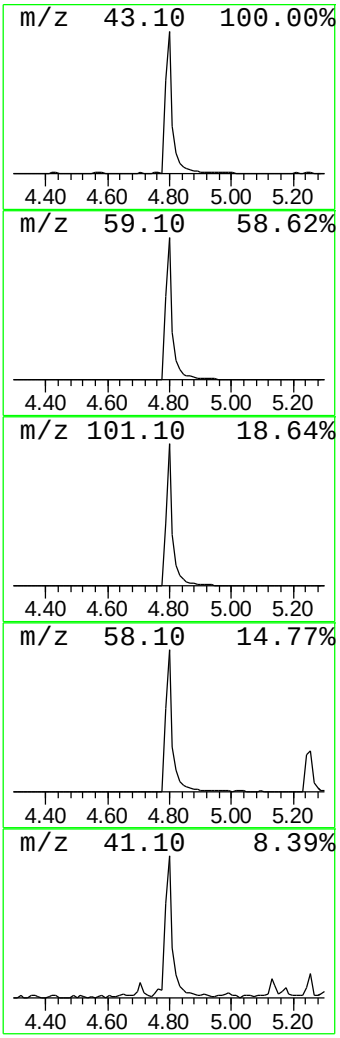
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	19.90 ng	1187740	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
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Sample : G4485-02
Misc :
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Instrument : BNA_F
ClientSampleId : MW-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

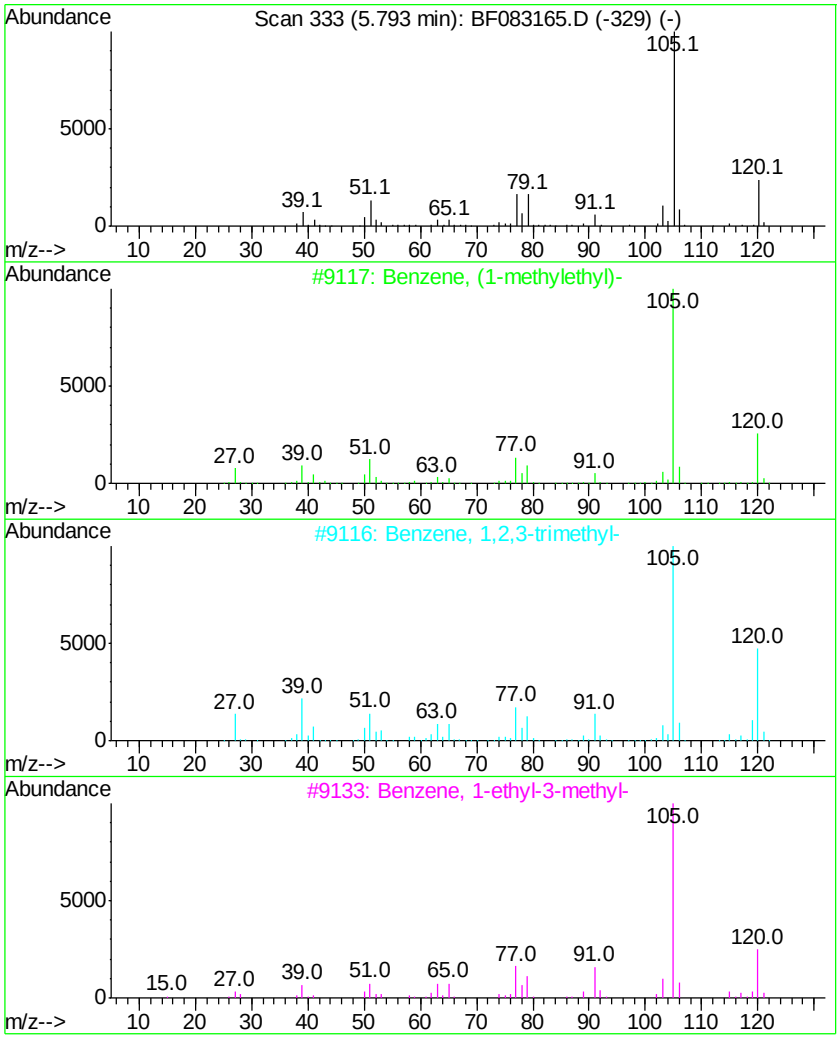
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

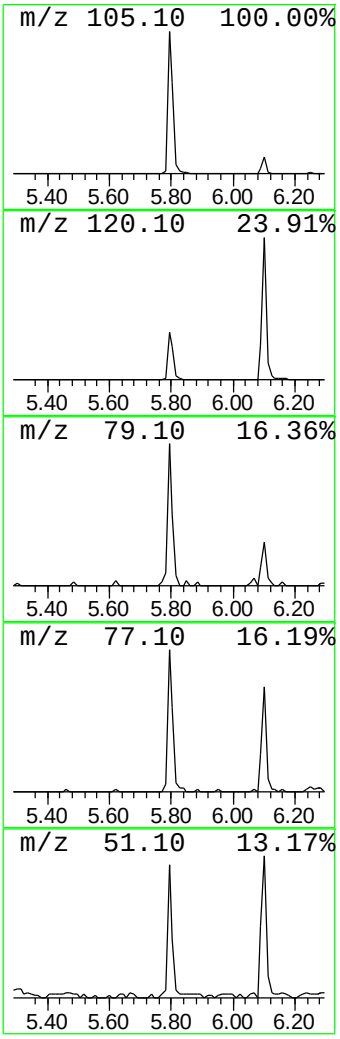
****

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	5.97 ng	356282	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80





Library Search Compound Report

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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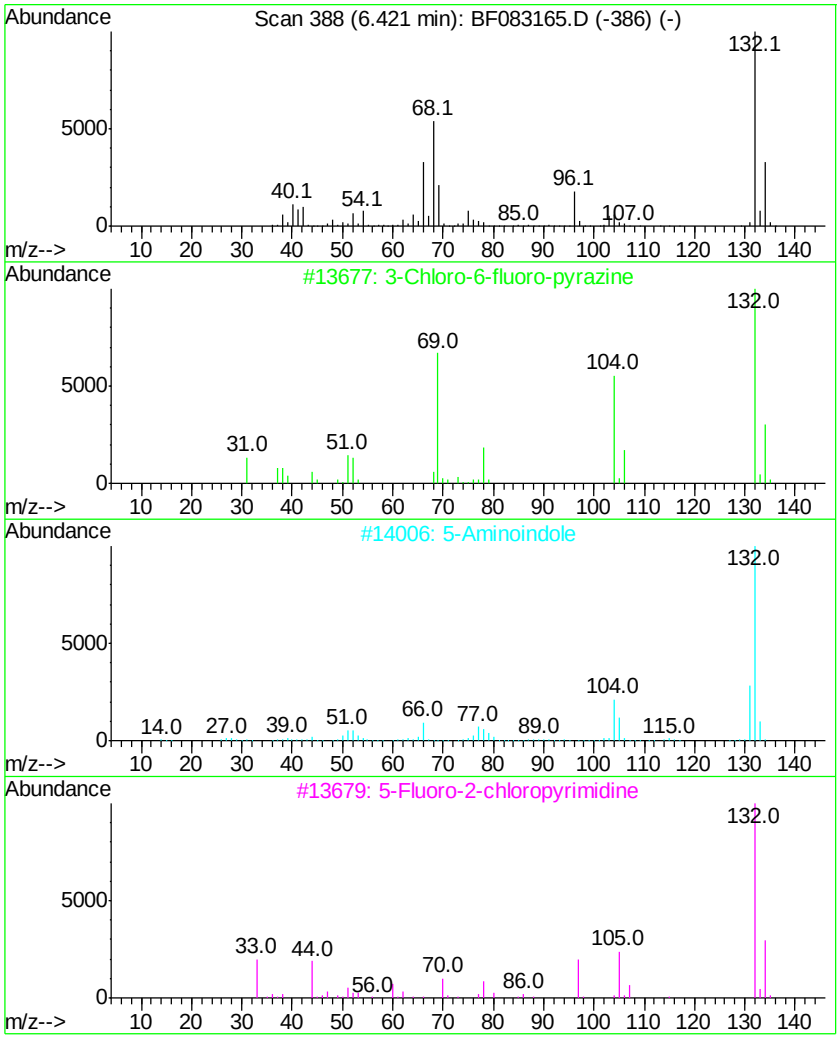
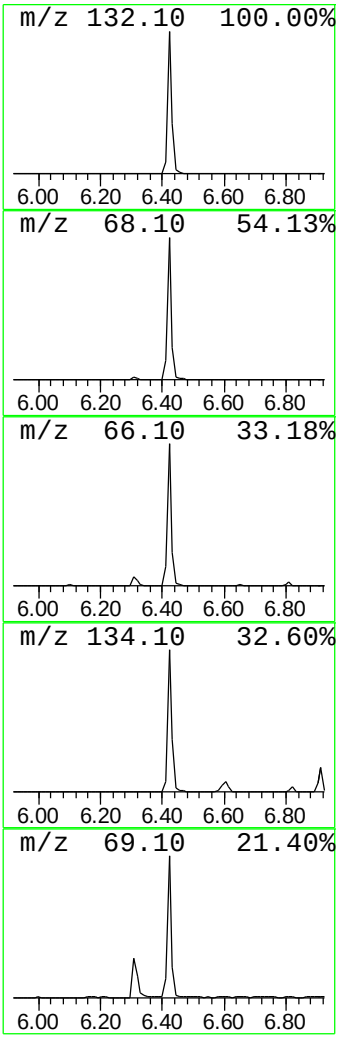
Peak Number 4 unknown6.42 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	84.31 ng	5030760	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

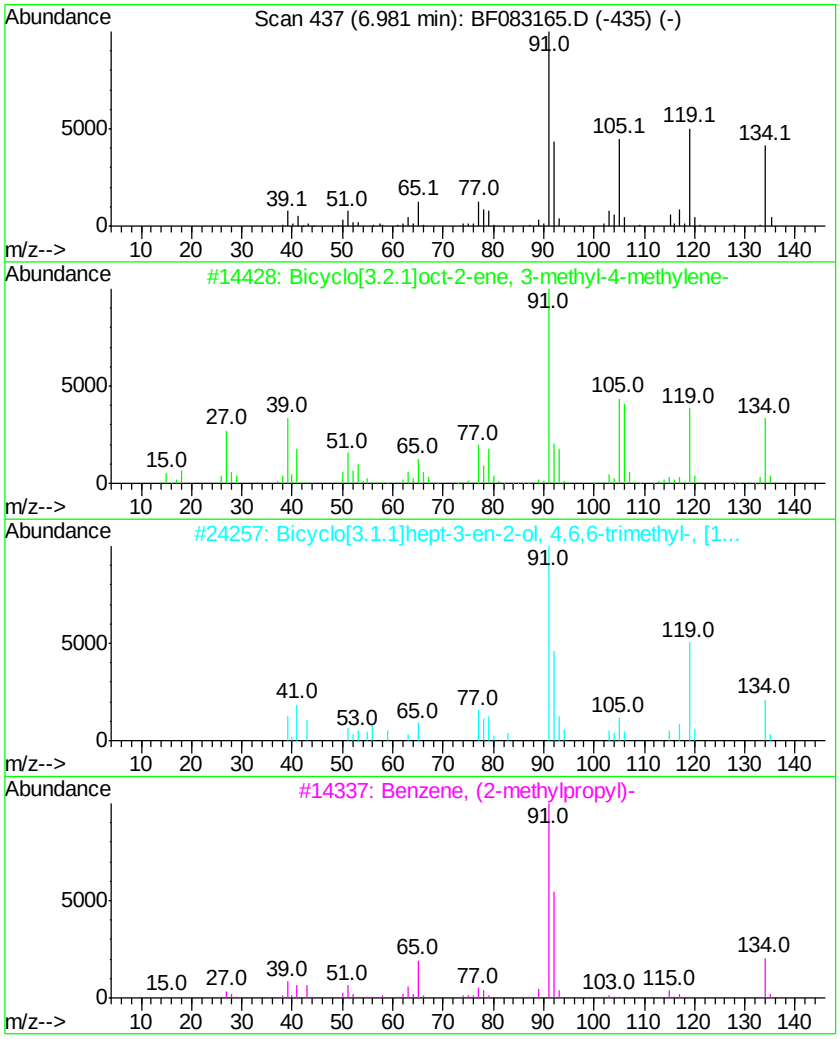
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

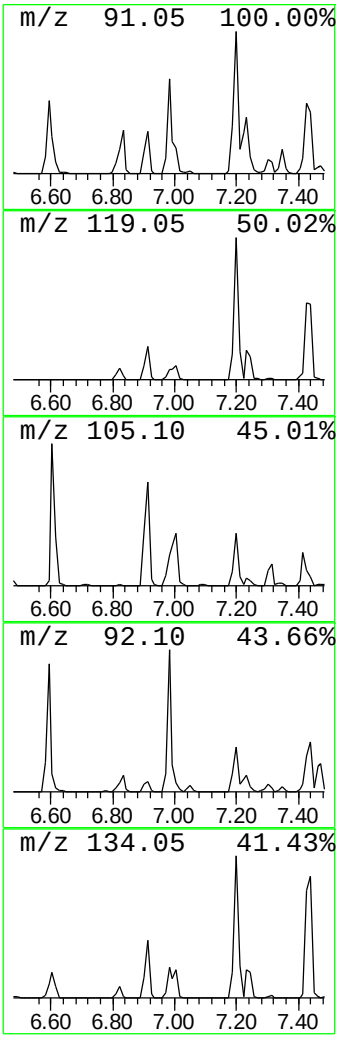
****

Peak Number 7 Bicyclo[3.2.1]oct-2-ene, 3-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	12.86 ng	767371	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]oct-2-ene, 3-methy...	134	C10H14	049826-53-1	72
2	Bicyclo[3.1.1]hept-3-en-2-ol, 4,...	152	C10H16O	018881-04-4	59
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	53
4	Benzene, butyl-	134	C10H14	000104-51-8	50
5	trans-Verbenol	152	C10H16O	1000292-86-3	47





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Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

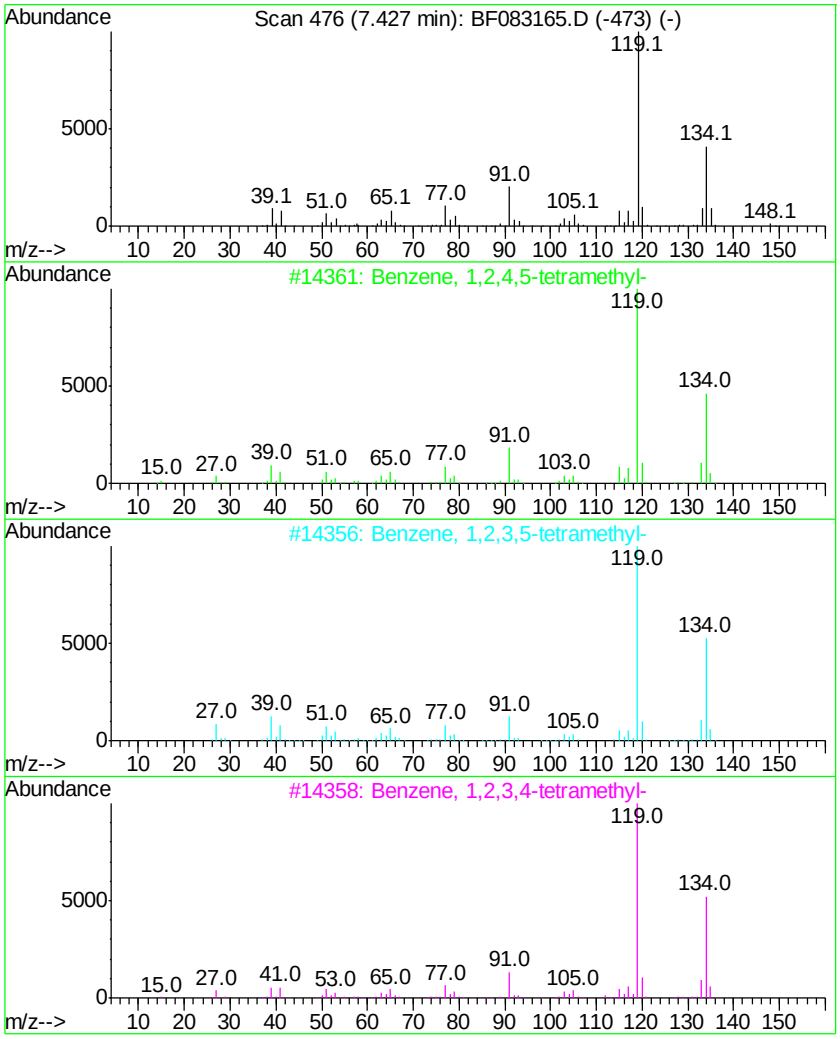
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

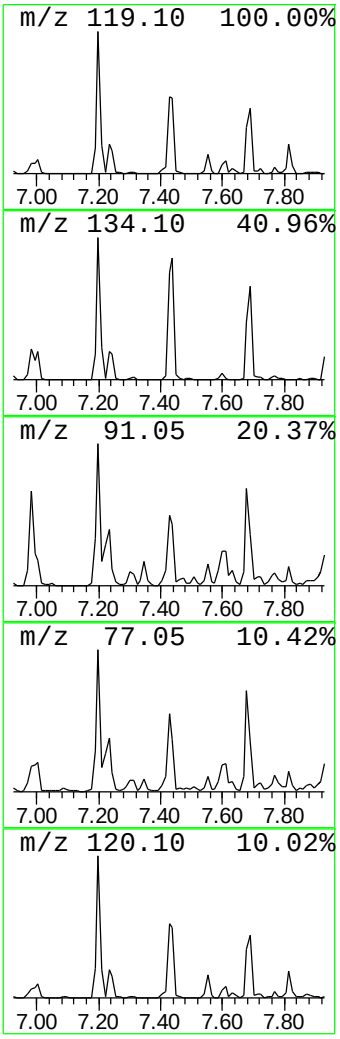
****

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	15.89 ng	1513930	Naphthalene-d8	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93





Library Search Compound Report

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Operator : UM/IZ
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ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112215.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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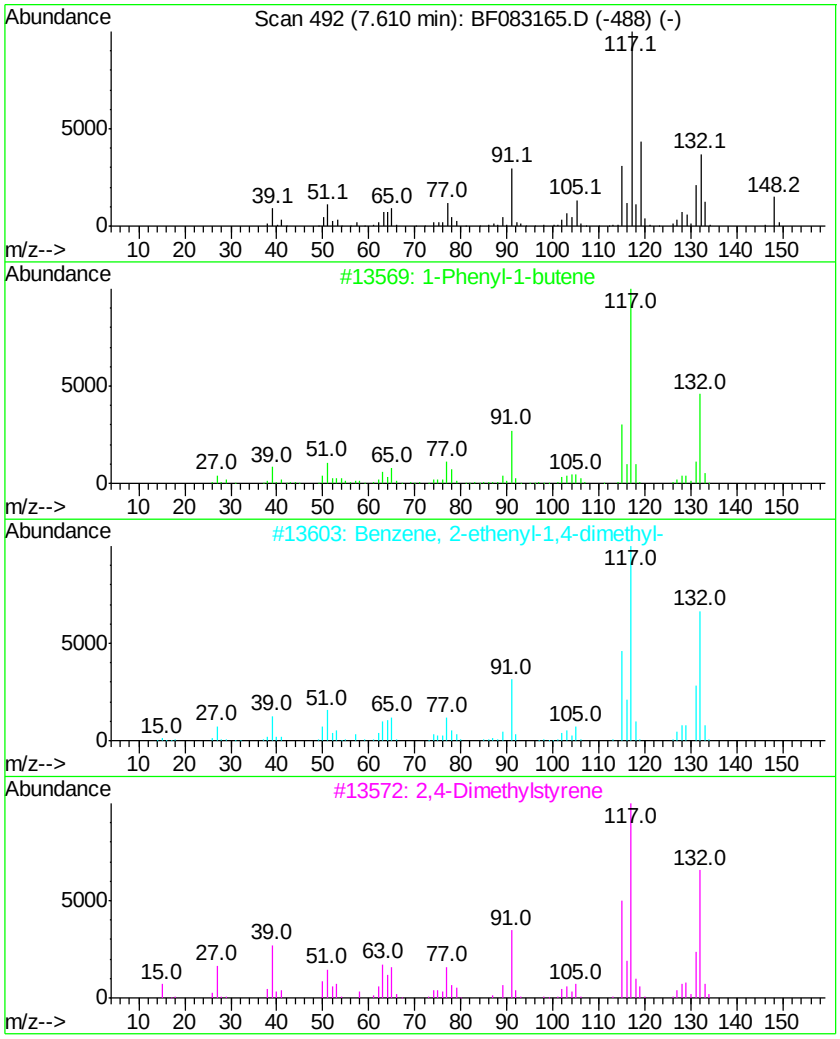
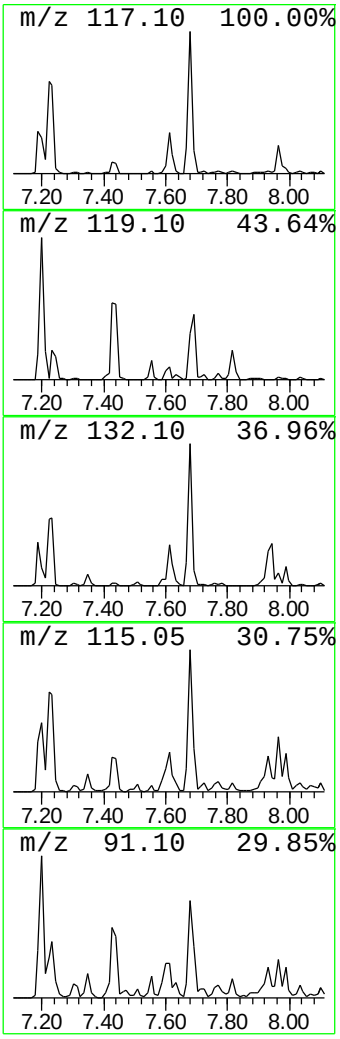
Peak Number 9 1-Phenyl-1-butene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	10.64 ng	1013410	Naphthalene-d8	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	86
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76





Library Search Compound Report

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Data File : BF083165.D
Acq On : 22 Nov 2015 18:14
Operator : UM/IZ
Sample : G4485-02
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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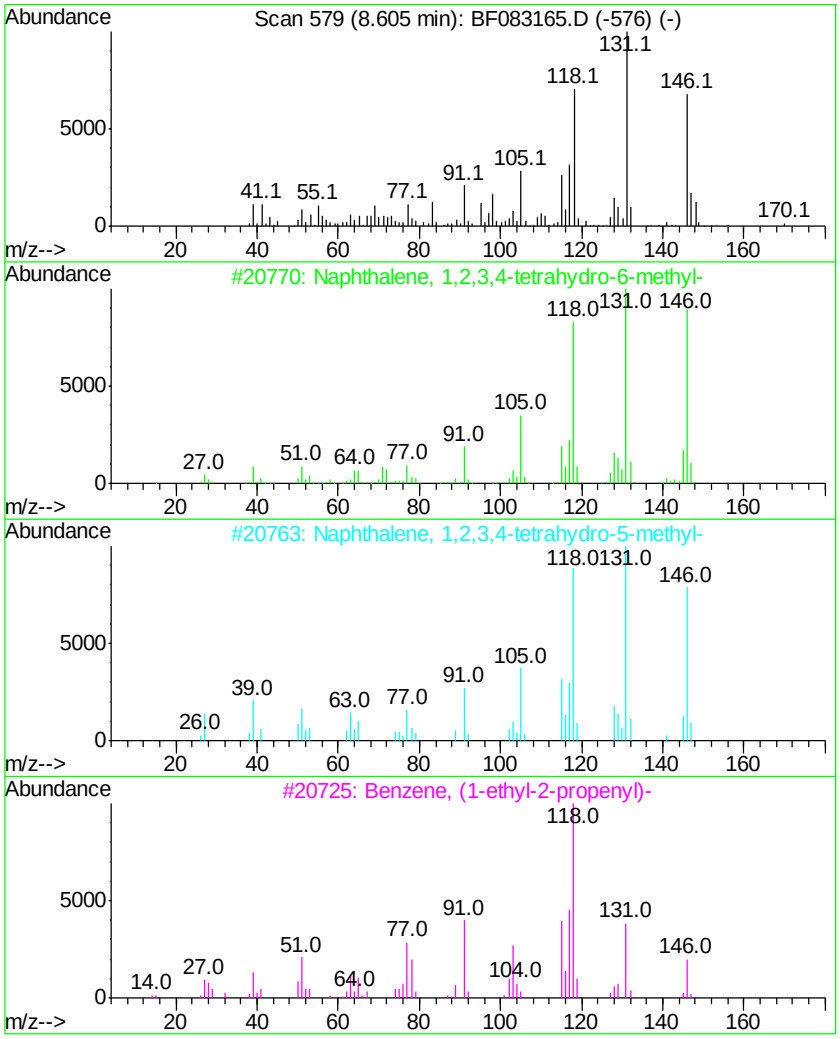
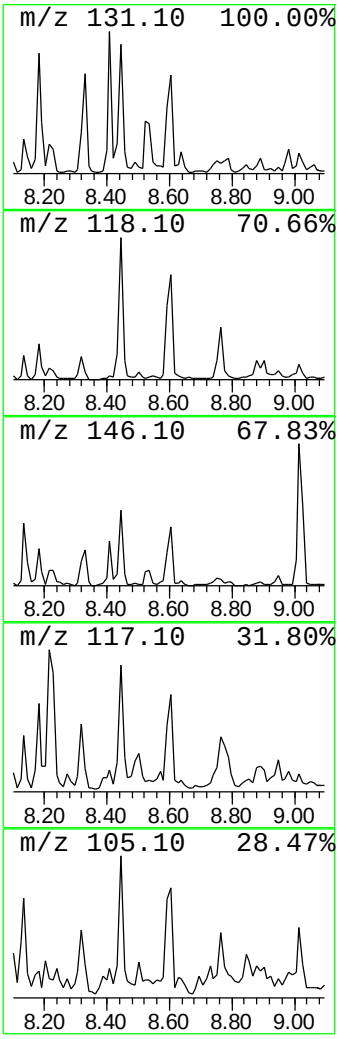
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	5.80 ng	552257	Naphthalene-d8	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	68
4	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	62
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	58





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Operator : UM/IZ
Sample : G4485-02
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

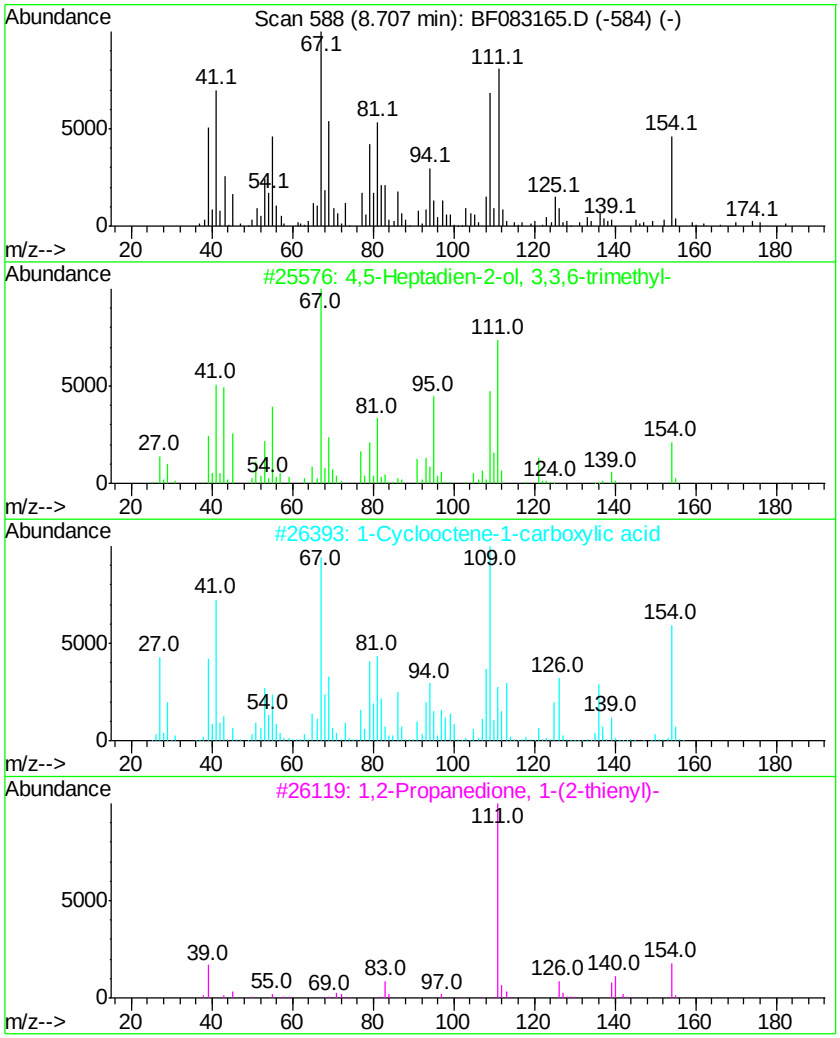
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

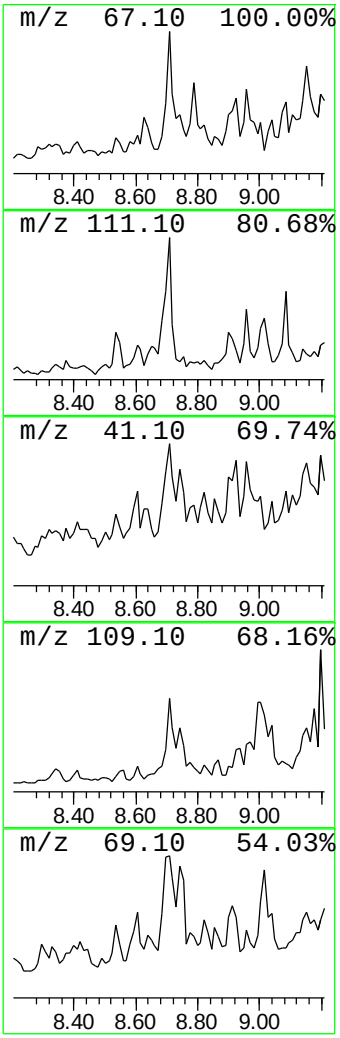
****

Peak Number 12 4,5-Heptadien-2-ol, 3,3,6-t... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	6.71 ng	639376	Naphthalene-d8	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Heptadien-2-ol, 3,3,6-trimet...	154	C10H18O	060432-69-1	68
2	1-Cyclooctene-1-carboxylic acid	154	C9H14O2	004103-09-7	43
3	1,2-Propanedione, 1-(2-thienyl)-	154	C7H6O2S	013678-69-8	25
4	1H-Pyrazole-3-carboxylic acid, 5...	154	C7H10N2O2	004027-57-0	18
5	Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	000499-70-7	14





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ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-31

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

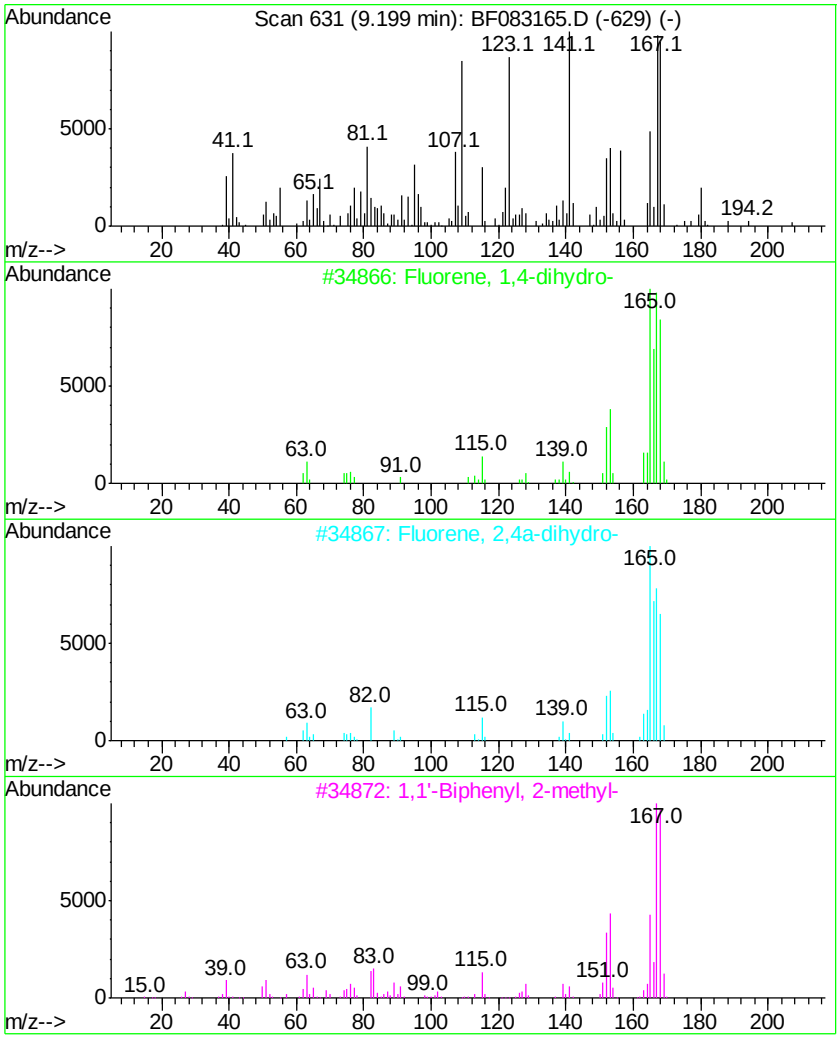
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

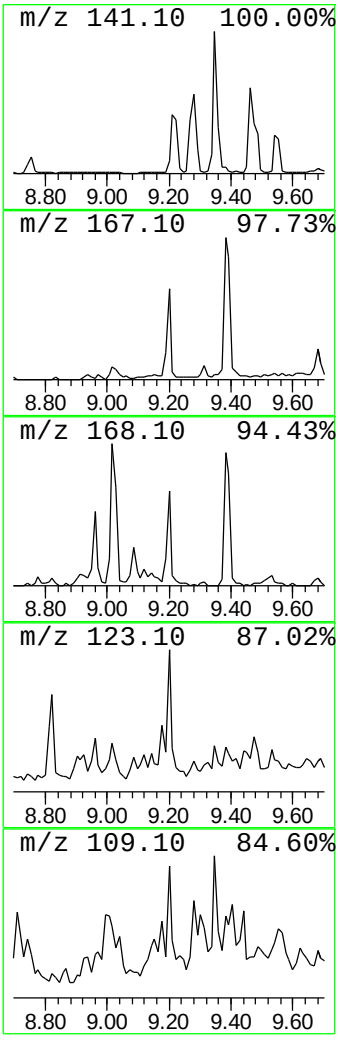
****

Peak Number 13 Fluorene, 1,4-dihydro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	8.33 ng	782984	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	80
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	42
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38
4	Diphenylmethane	168	C13H12	000101-81-5	30
5	5-[3-Methyl-2-furyl]hydantoin	180	C8H8N2O3	1000214-34-1	25





Library Search Compound Report

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Data File : BF083165.D
Acq On : 22 Nov 2015 18:14
Operator : UM/IZ
Sample : G4485-02
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

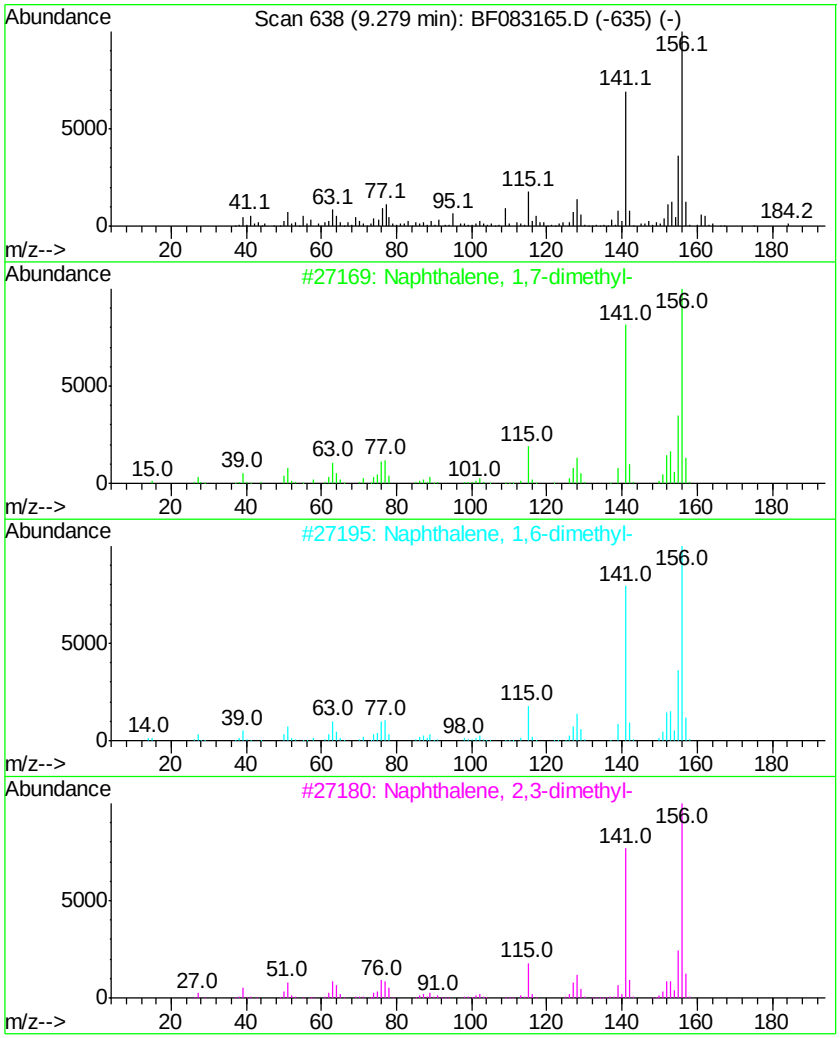
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

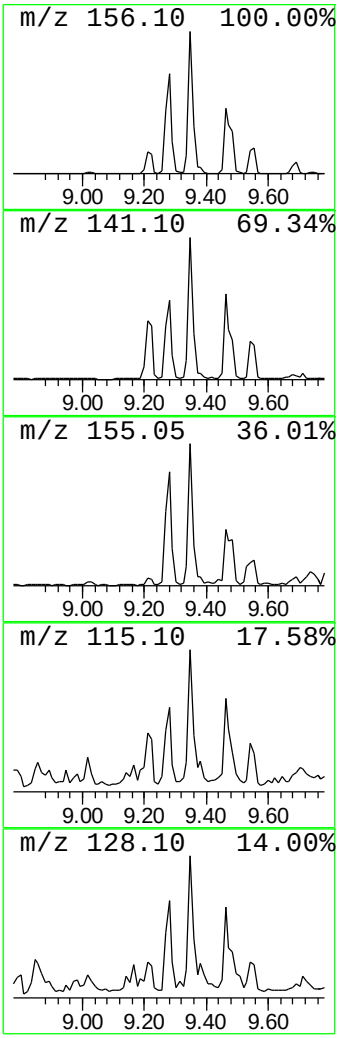
****

Peak Number 14 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	14.43 ng	1357180	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Sample : G4485-02
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112215.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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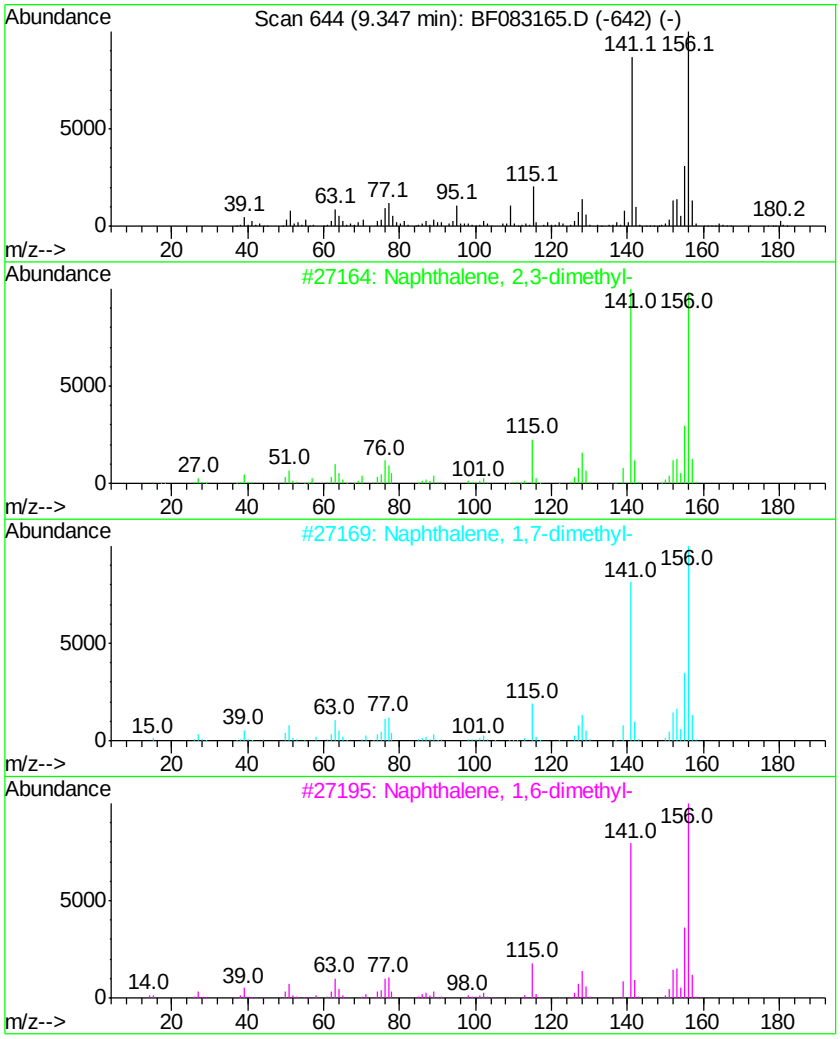
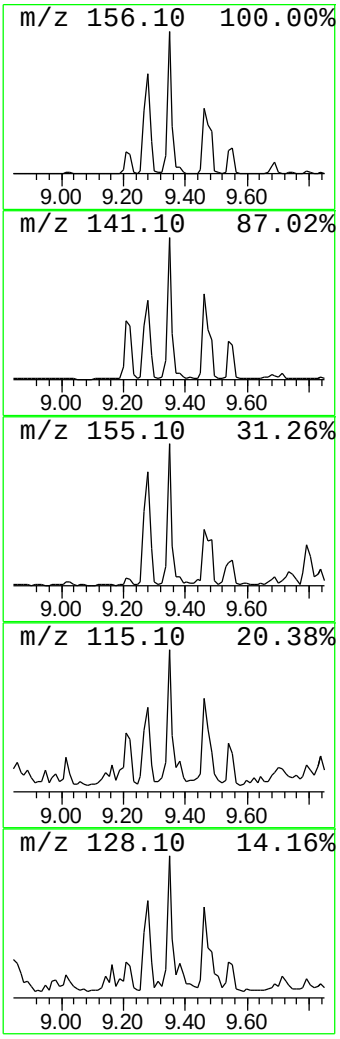
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	12.09 ng	1136570	Acenaphthene-d10	9.69

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





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Acq On : 22 Nov 2015 18:14
Operator : UM/IZ
Sample : G4485-02
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

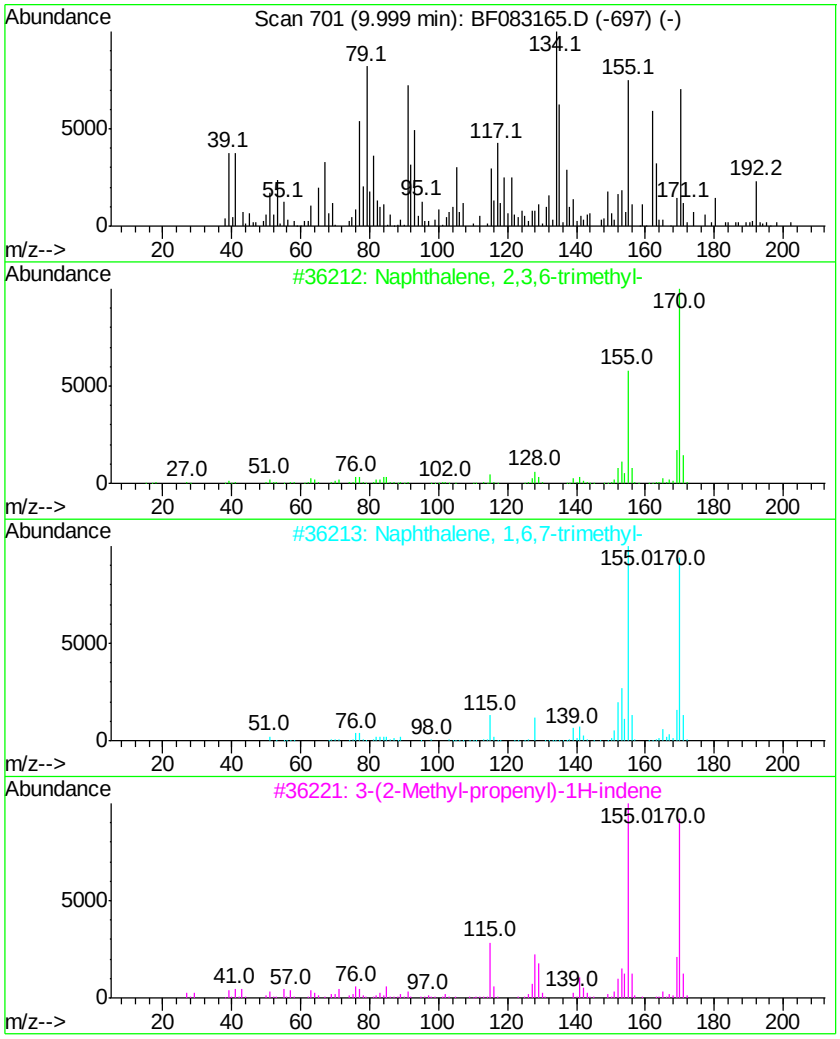
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

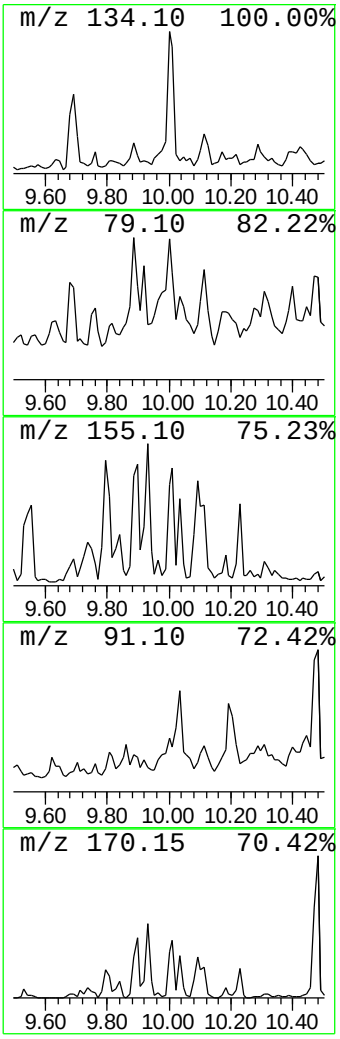
****

Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	6.87 ng	645648	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	56
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	53
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	41
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	40
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	40





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Acq On : 22 Nov 2015 18:14
Operator : UM/IZ
Sample : G4485-02
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-31

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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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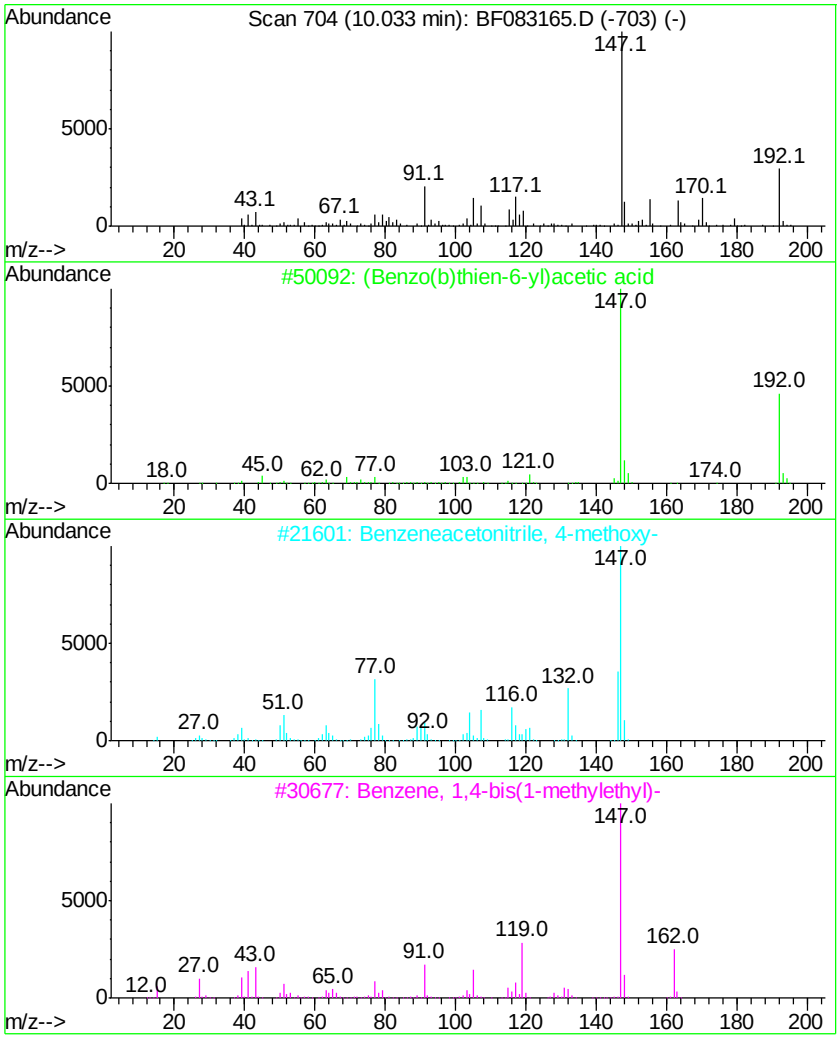
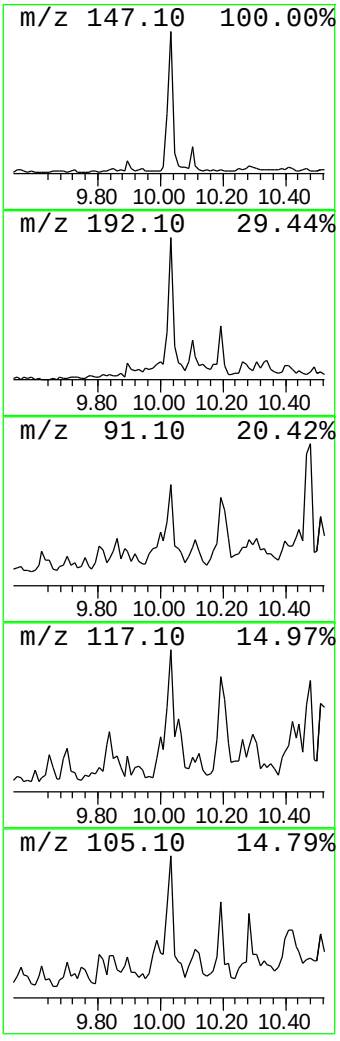
Peak Number 17 (Benzo(b)thien-6-yl)acetic ... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	6.50 ng	611575	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Benzo(b)thien-6-yl)acetic acid	192	C10H8O2S	006177-87-3	50
2	Benzeneacetonitrile, 4-methoxy-	147	C9H9NO	000104-47-2	47
3	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	47
4	Benzoyl chloride, 4-propyl-	182	C10H11ClO	052710-27-7	43
5	Dewar benzene, hexamethyl-	162	C12H18	007641-77-2	40





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Sample : G4485-02
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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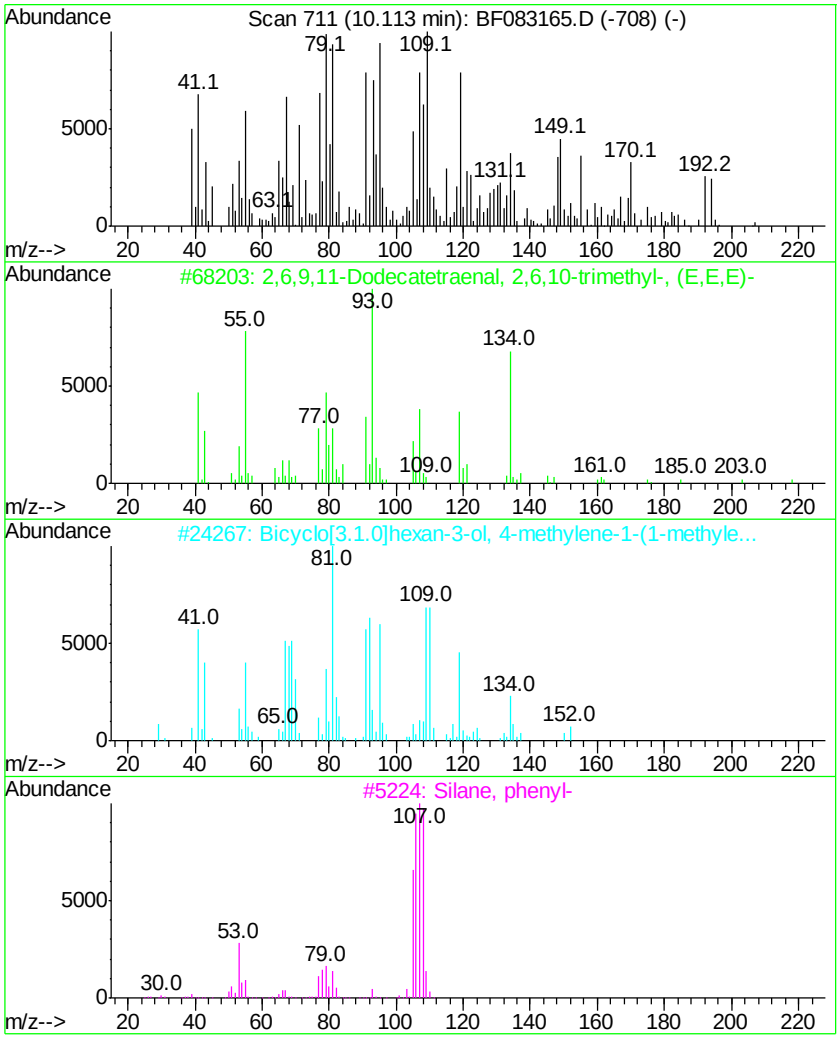
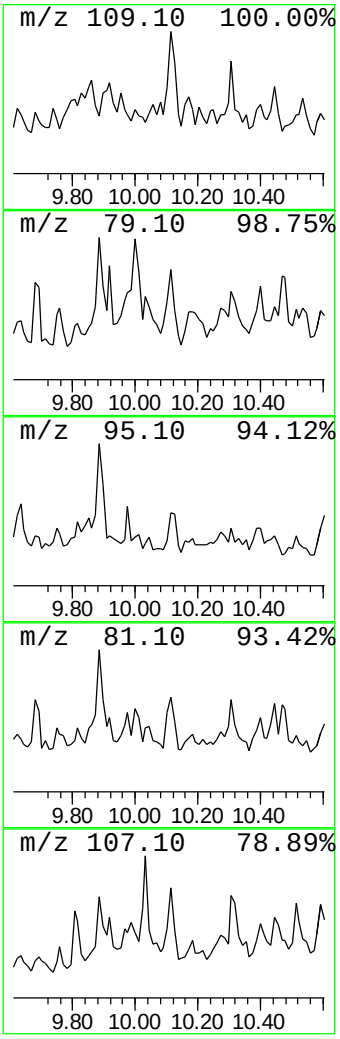
Peak Number 18 unknown10.11 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	6.96 ng	654121	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,9,11-Dodecatetraenal, 2,6,10...	218	C15H22O	017909-77-2	38
2	Bicyclo[3.1.0]hexan-3-ol, 4-meth...	152	C10H16O	000471-16-9	38
3	Silane, phenyl-	108	C6H8Si	000694-53-1	25
4	7-Methylenebicyclo[4.2.0]octane	122	C9H14	1000211-11-2	18
5	Pyridine, 3-methyl-, 1-oxide	109	C6H7NO	001003-73-2	18





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Sample : G4485-02
Misc :
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Instrument : BNA_F
ClientSampleId : MW-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112215.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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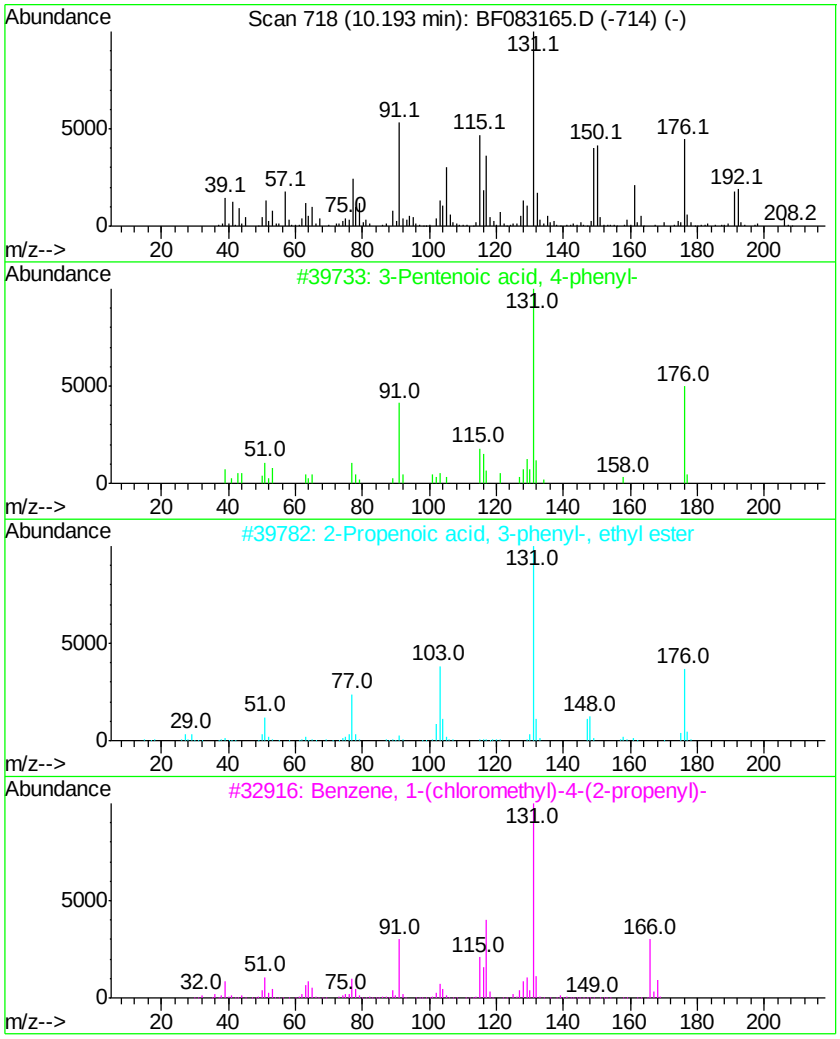
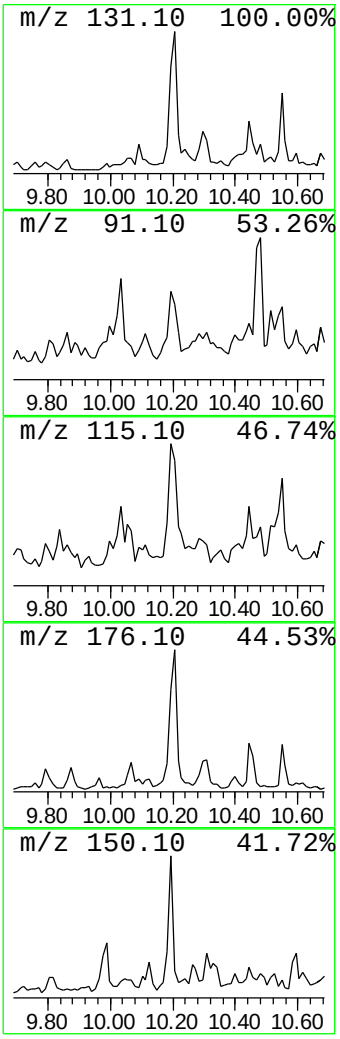
Peak Number 19 unknown10.19 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	12.79 ng	1202460	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	42
2	2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	000103-36-6	30
3	Benzene, 1-(chloromethyl)-4-(2-p...	166	C10H11Cl	036875-10-2	22
4	Naphthalen-1,4-imine, 1,2,3,4-te...	159	C11H13N	055257-99-3	18
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	16





Library Search Compound Report

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Sample : G4485-02
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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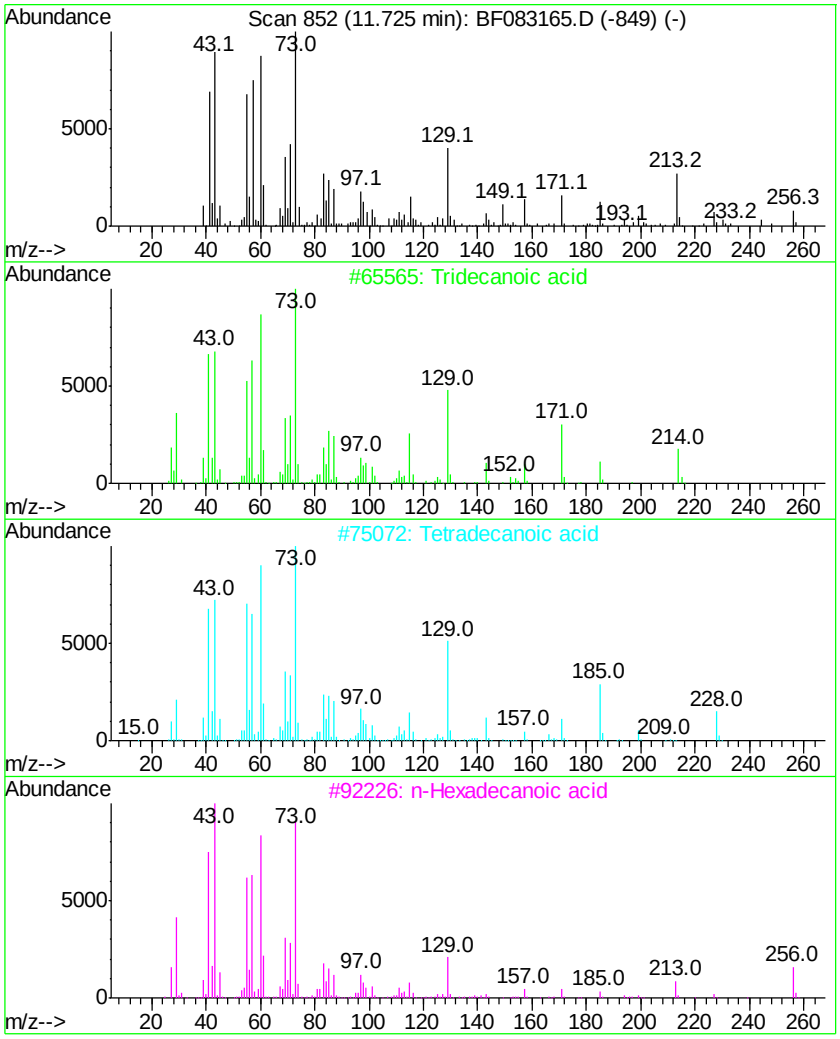
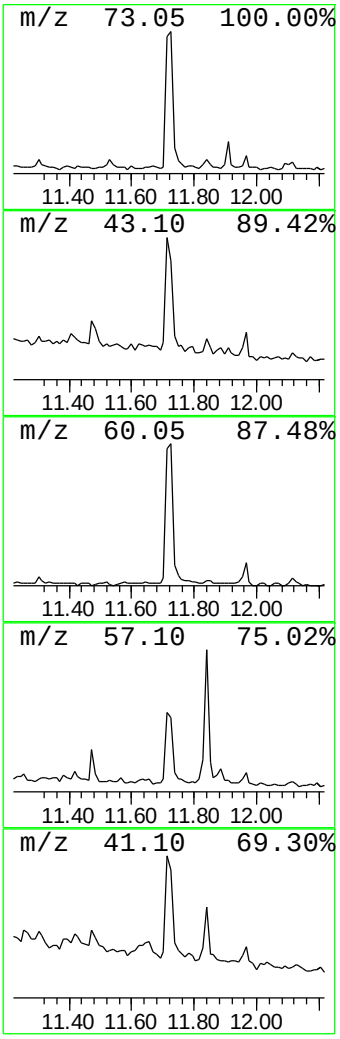
Peak Number 20 Tridecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	6.00 ng	520925	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	52





Tentatively Identified Compound (LSC) summary

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Data File : BF083165.D
Acq On : 22 Nov 2015 18:14
Operator : UM/IZ
Sample : G4485-02
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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...	4.80	19.9	ng	1187740	1	6.65	1193450	20.0
Benzene, (1-methy...	5.79	6.0	ng	356282	1	6.65	1193450	20.0
unknown6.42	6.42	84.3	ng	5030760	1	6.65	1193450	20.0
Bicyclo[3.2.1]oct...	6.98	12.9	ng	767371	1	6.65	1193450	20.0
Benzene, 1,2,4,5-...	7.43	15.9	ng	1513930	2	7.94	1905360	20.0
1-Phenyl-1-butene	7.61	10.6	ng	1013410	2	7.94	1905360	20.0
Naphthalene, 1,2,...	8.60	5.8	ng	552257	2	7.94	1905360	20.0
4,5-Heptadien-2-o...	8.71	6.7	ng	639376	2	7.94	1905360	20.0
Fluorene, 1,4-dih...	9.20	8.3	ng	782984	3	9.69	1880430	20.0
Naphthalene, 1,7-...	9.28	14.4	ng	1357180	3	9.69	1880430	20.0
Naphthalene, 2,3-...	9.35	12.1	ng	1136570	3	9.69	1880430	20.0
Naphthalene, 2,3,...	10.00	6.9	ng	645648	3	9.69	1880430	20.0
(Benzo(b)thien-6-...	10.03	6.5	ng	611575	3	9.69	1880430	20.0
unknown10.11	10.11	7.0	ng	654121	3	9.69	1880430	20.0
unknown10.19	10.19	12.8	ng	1202460	3	9.69	1880430	20.0
Tridecanoic acid	11.72	6.0	ng	520925	4	11.16	1736740	20.0