LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083204.D
Acq On : 23 Nov 2015 15:07
Operator : UM/IZ
Sample : G4437-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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	4.776	241	244	254	rVB	1084633	1556334	17.27%	1.747%
2	5.233	282	284	287	rBV	2366484	3324901	36.90%	3.733%
3	5.633	314	319	321	rBV2	67455	139779	1.55%	0.157%
4	6.296	375	377	384	rBV	1623985	2220635	24.65%	2.493%
5	6.410	384	387	390	rBV	5267357	5968266	66.24%	6.701%
6	6.639	405	407	409	rBV	1520322	1427681	15.85%	1.603%
7	6.799	418	421	423	rBV	5818930	6533743	72.52%	7.336%
8	6.902	428	430	432	rBV	252821	282825	3.14%	0.318%
9	6.993	434	438	440	rBV	354974	490584	5.44%	0.551%
10	7.096	443	447	451	rVB3	73328	150508	1.67%	0.169%
11	7.210	451	457	460	rBV2	4068929	6750823	74.92%	7.579%
12	7.290	462	464	466	rVB2	133235	232542	2.58%	0.261%
13	7.336	466	468	470	rBV	252325	253151	2.81%	0.284%
14	7.416	472	475	477	rVB2	502815	769923	8.55%	0.864%
15	7.587	487	490	494	rVB4	302625	677424	7.52%	0.761%
16	7.667	494	497	499	rBV2	1120401	1472612	16.34%	1.653%
17	7.713	499	501	502	rVB2	91041	101548	1.13%	0.114%
18	7.747	502	504	507	rBV3	139155	310686	3.45%	0.349%
19	7.862	512	514	517	rBV2	226639	356906	3.96%	0.401%
20	7.930	517	520	521	rBV	1844113	2127381	23.61%	2.388%
21	7.953	521	522	523	rVV	422336	337516	3.75%	0.379%
22	7.976	523	524	526	rVB	276025	291252	3.23%	0.327%
23	8.022	526	528	531	rBV3	66282	130354	1.45%	0.146%
24	8.090	533	534	535	rBV	109603	92777	1.03%	0.104%
25	8.125	535	537	540	rBV	246770	279963	3.11%	0.314%
26	8.170	540	541	542	rVV	250375	217138	2.41%	0.244%
27	8.205	542	544	548	rVB5	279003	529317	5.87%	0.594%
28	8.307	548	553	557	rVB7	219489	756606	8.40%	0.849%
29	8.399	557	561	562	rBV3	310684	541435	6.01%	0.608%
30	8.433	562	564	565	rVV2	172783	168376	1.87%	0.189%
31	8.490	567	569	571	rVV2	117368	195456	2.17%	0.219%
32	8.525	571	572	574	rVB2	376271	304130	3.38%	0.341%
33	8.593	575	578	579	rVB2	352452	454539	5.04%	0.510%
34	8.627	579	581	583	rVB2	256875	320245	3.55%	0.360%

LSC Area Percent Report

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Data File : BF083204.D
Acq On : 23 Nov 2015 15:07
Operator : UM/IZ
Sample : G4437-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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	8.707	583	588	589	rBV4	308643	647562	7.19%	0.727%
36	8.742	589	591	596	rVB4	249769	410537	4.56%	0.461%
37	8.810	596	597	601	rVB4	87217	184761	2.05%	0.207%
38	8.879	601	603	606	rBV3	239057	427720	4.75%	0.480%
39	8.947	606	609	612	rVV3	247229	773787	8.59%	0.869%
40	9.016	612	615	617	rVV	6630603	9010156	100.00%	10.116%
41	9.130	620	625	626	rBV3	187275	378086	4.20%	0.424%
42	9.279	635	638	641	rBV3	199289	473338	5.25%	0.531%
43	9.336	641	643	648	rVB3	440229	969894	10.76%	1.089%
44	9.439	650	652	659	rVB5	222648	618887	6.87%	0.695%
45	9.530	659	660	664	rVB4	152163	278022	3.09%	0.312%
46	9.633	666	669	670	rBV2	206120	322907	3.58%	0.363%
47	9.679	670	673	674	rBV	1724024	2043952	22.68%	2.295%
48	9.702	674	675	677	rVB	235492	204506	2.27%	0.230%
49	9.759	677	680	681	rBV3	149054	212919	2.36%	0.239%
50	9.793	681	683	686	rVB2	79738	137203	1.52%	0.154%
51	10.022	697	703	705	rBV	1443300	2270025	25.19%	2.549%
52	10.056	705	706	709	rVV2	381533	460132	5.11%	0.517%
53	10.113	709	711	713	rVB3	418431	552687	6.13%	0.621%
54	10.182	713	717	719	rVB2	423660	754901	8.38%	0.848%
55	10.285	721	726	728	rBV3	506479	765967	8.50%	0.860%
56	10.399	734	736	738	rBV	676846	732247	8.13%	0.822%
57	10.468	739	742	744	rVV	4731778	5278807	58.59%	5.927%
58	10.502	744	745	750	rVV5	281315	715017	7.94%	0.803%
59	10.593	750	753	756	rVB3	831449	1146276	12.72%	1.287%
60	10.662	758	759	760	rVV	290172	234922	2.61%	0.264%
61	10.696	760	762	763	rVV	262630	318241	3.53%	0.357%
62	10.730	763	765	768	rVB4	182504	398331	4.42%	0.447%
63	10.811	768	772	776	rBV5	286232	875188	9.71%	0.983%
64	10.879	776	778	783	rVB3	324953	982385	10.90%	1.103%
65	10.959	783	785	786	rBV	97822	120199	1.33%	0.135%
66	11.016	786	790	793	rVB5	180811	425835	4.73%	0.478%
67	11.085	794	796	800	rBV	90393	175831	1.95%	0.197%
68	11.153	800	802	804	rVB	1804055	1754695	19.47%	1.970%
69	11.542	835	836	840	rVV2	164073	271523	3.01%	0.305%
70	11.633	842	844	848	rVB3	87947	190187	2.11%	0.214%
71	11.702	848	850	854	rVB3	356998	474426	5.27%	0.533%

LSC Area Percent Report

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Operator : UM/IZ
Sample : G4437-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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

72	11.908	866	868	871	rBV	1166128	1490499	16.54%	1.673%
73	12.388	908	910	914	rVB4	58949	142680	1.58%	0.160%
74	12.479	916	918	921	rVV	330593	518663	5.76%	0.582%
75	12.525	921	922	924	rVV2	126116	172195	1.91%	0.193%
76	12.571	924	926	932	rVB3	82864	160075	1.78%	0.180%
77	12.742	938	941	943	rBV	6715812	7523803	83.50%	8.447%
78	13.771	1029	1031	1034	rBV	1895192	1835840	20.38%	2.061%
79	15.131	1147	1150	1153	rBV	1077285	1466684	16.28%	1.647%

Sum of corrected areas: 89069854

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
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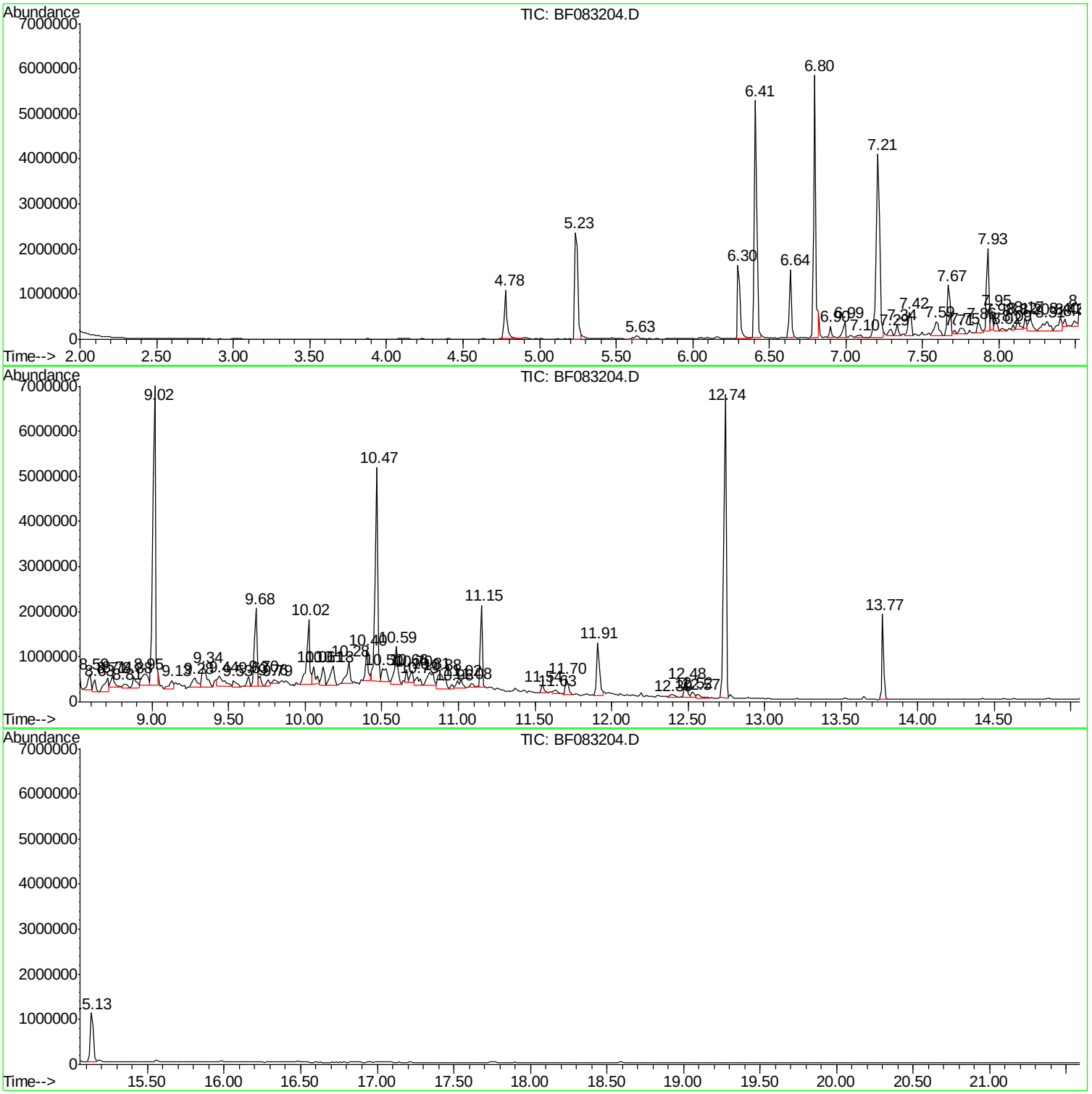
Operator : UM/IZ
Sample : G4437-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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\BF112315\
Data File : BF083204.D
Acq On : 23 Nov 2015 15:07
Operator : UM/IZ
Sample : G4437-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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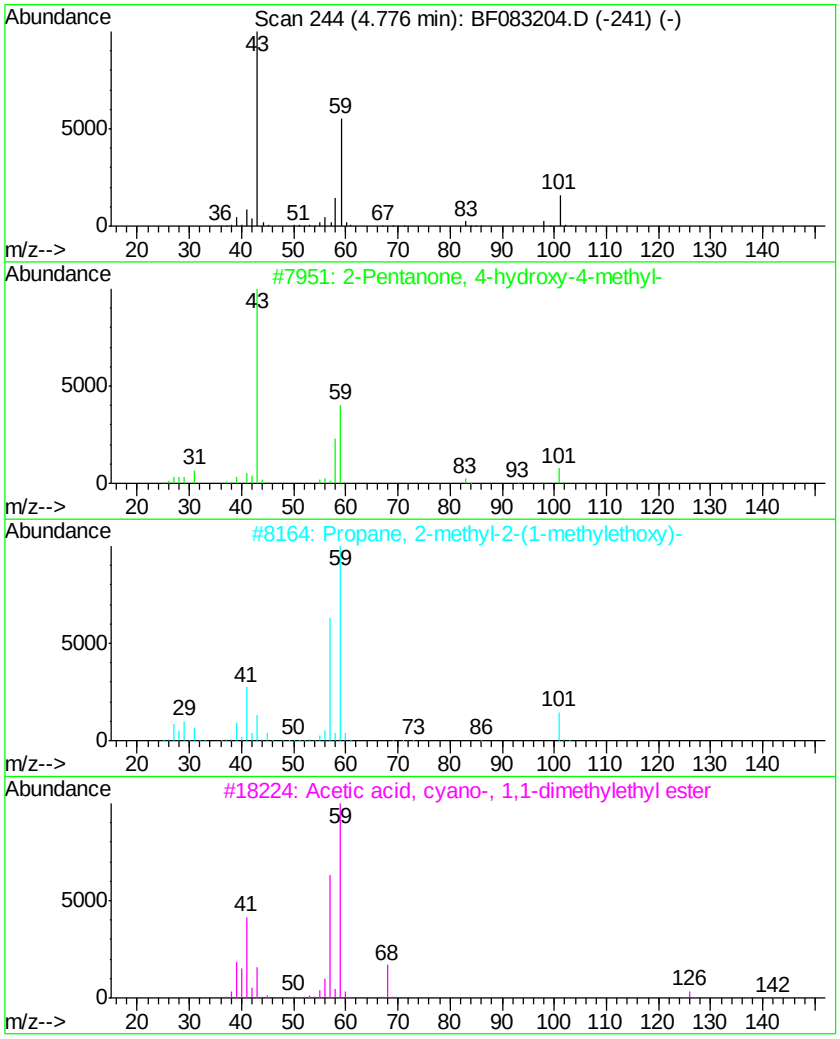
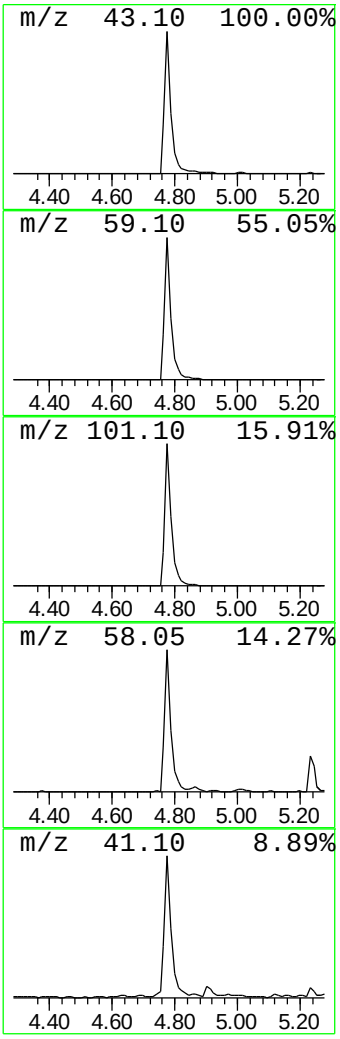
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	21.80 ng	1556330	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083204.D
Acq On : 23 Nov 2015 15:07
Operator : UM/IZ
Sample : G4437-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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

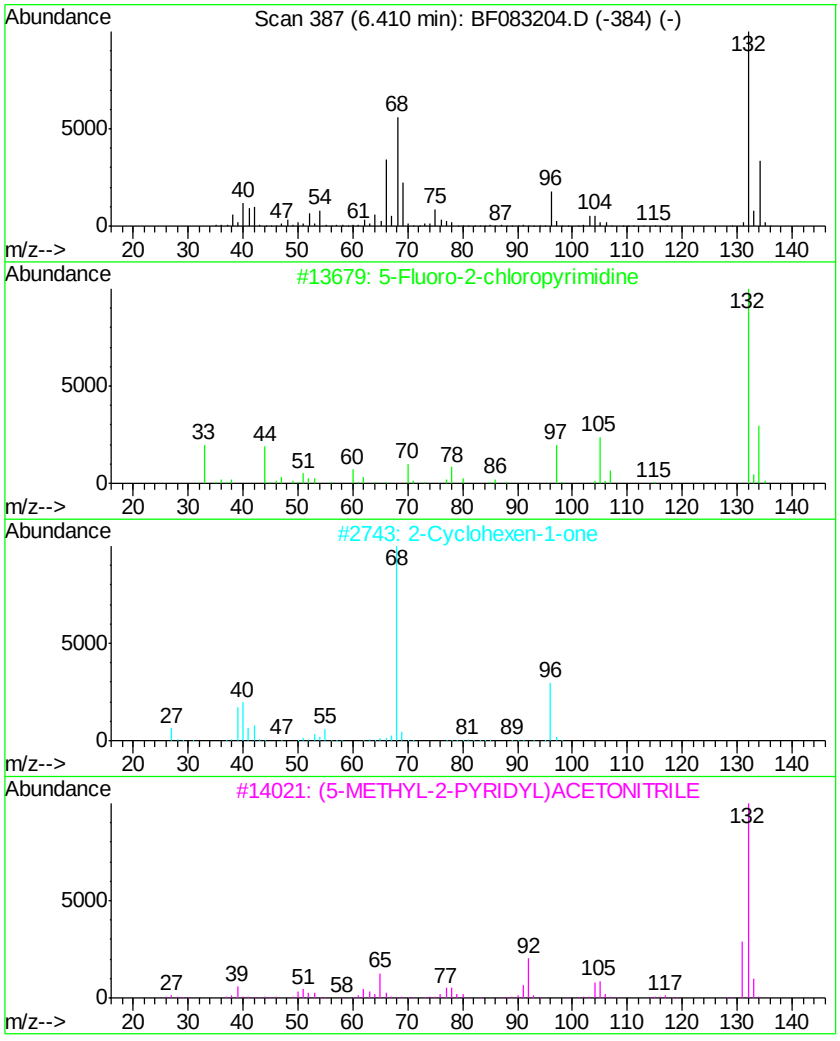
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

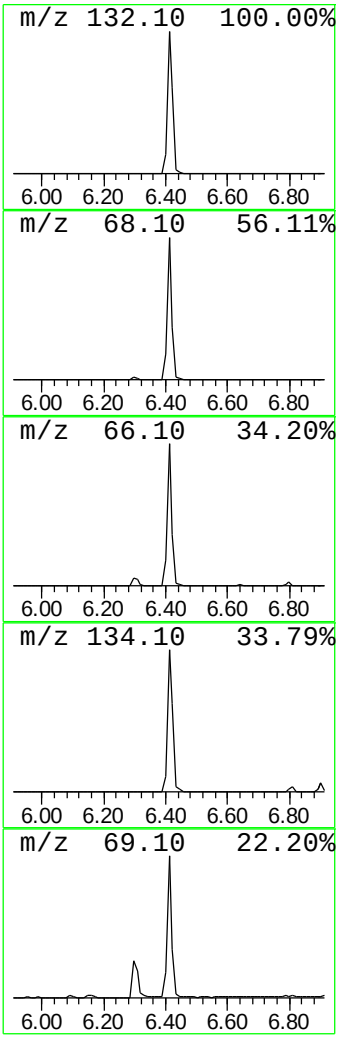
****

Peak Number 2 unknown6.41 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	83.61 ng	5968270	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	1,1-Difluoro-3-methyl-1-silacycl...	134	C5H8F2Si	054077-66-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083204.D
Acq On : 23 Nov 2015 15:07
Operator : UM/IZ
Sample : G4437-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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

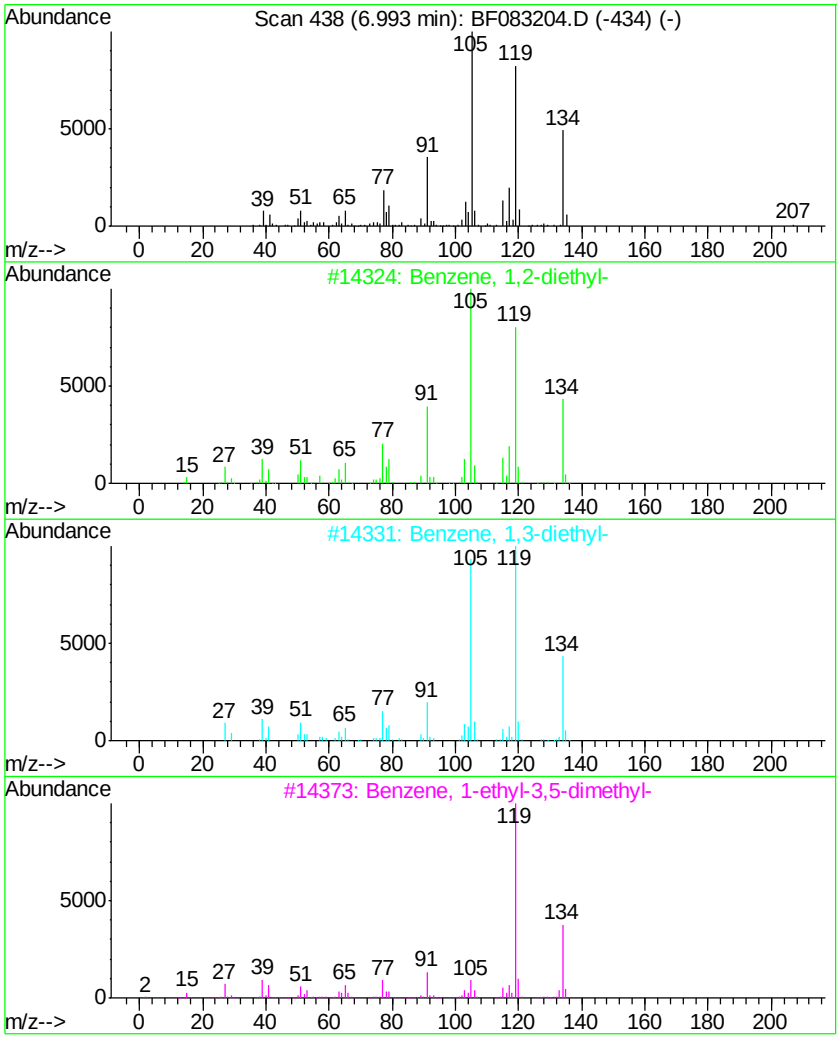
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

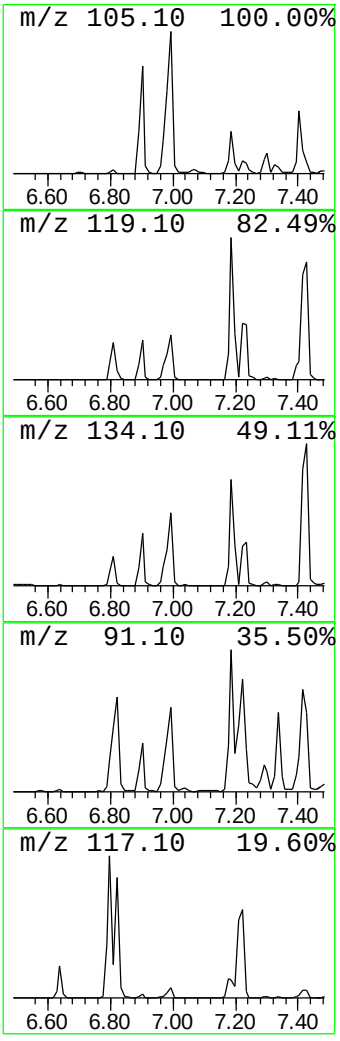
****

Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	6.87 ng	490584	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	83





Library Search Compound Report

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Data File : BF083204.D
Acq On : 23 Nov 2015 15:07
Operator : UM/IZ
Sample : G4437-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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

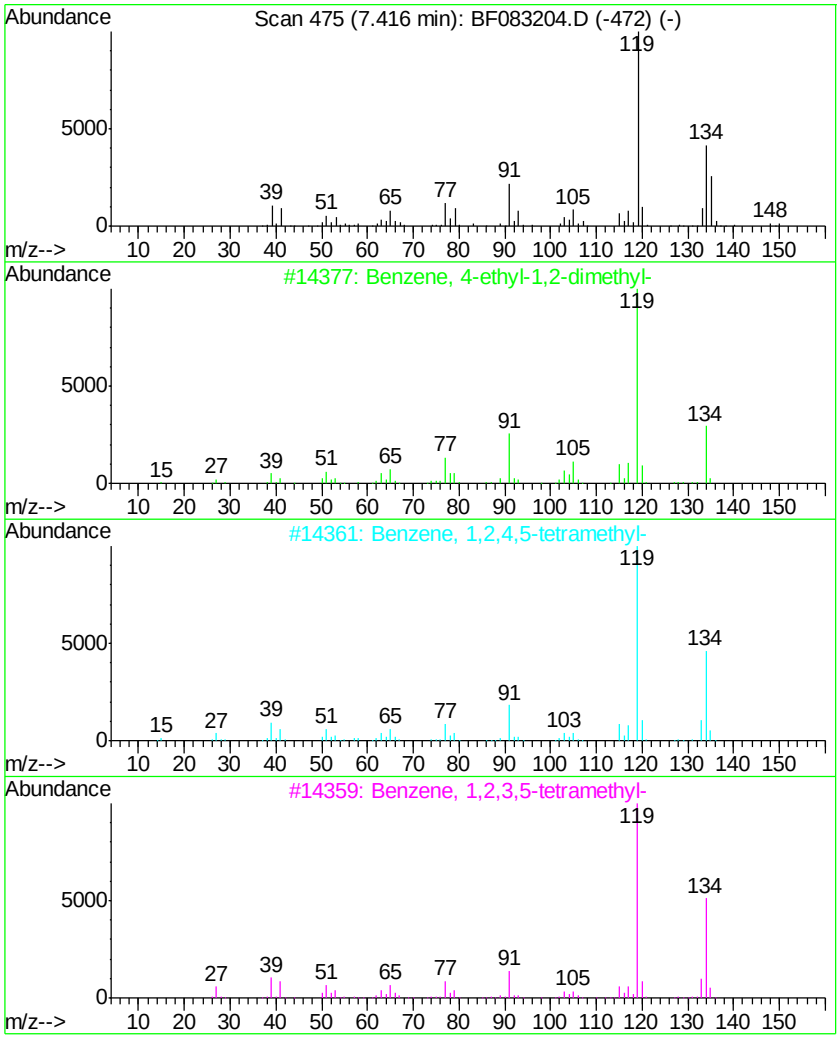
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

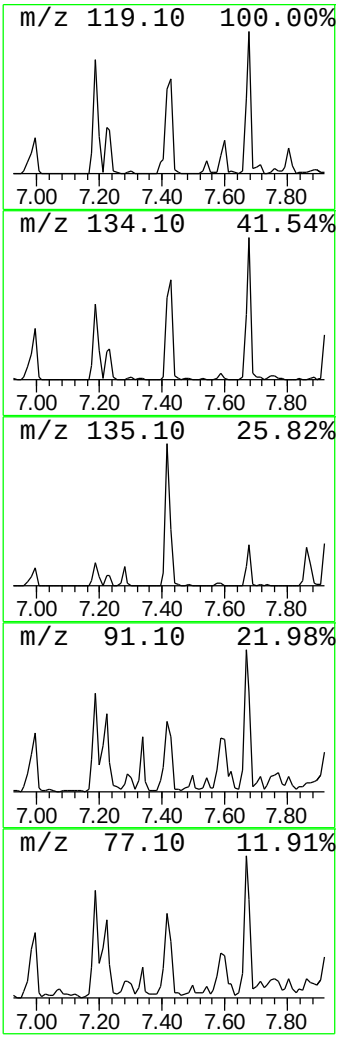
****

Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	7.24 ng	769923	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083204.D
Acq On : 23 Nov 2015 15:07
Operator : UM/IZ
Sample : G4437-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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

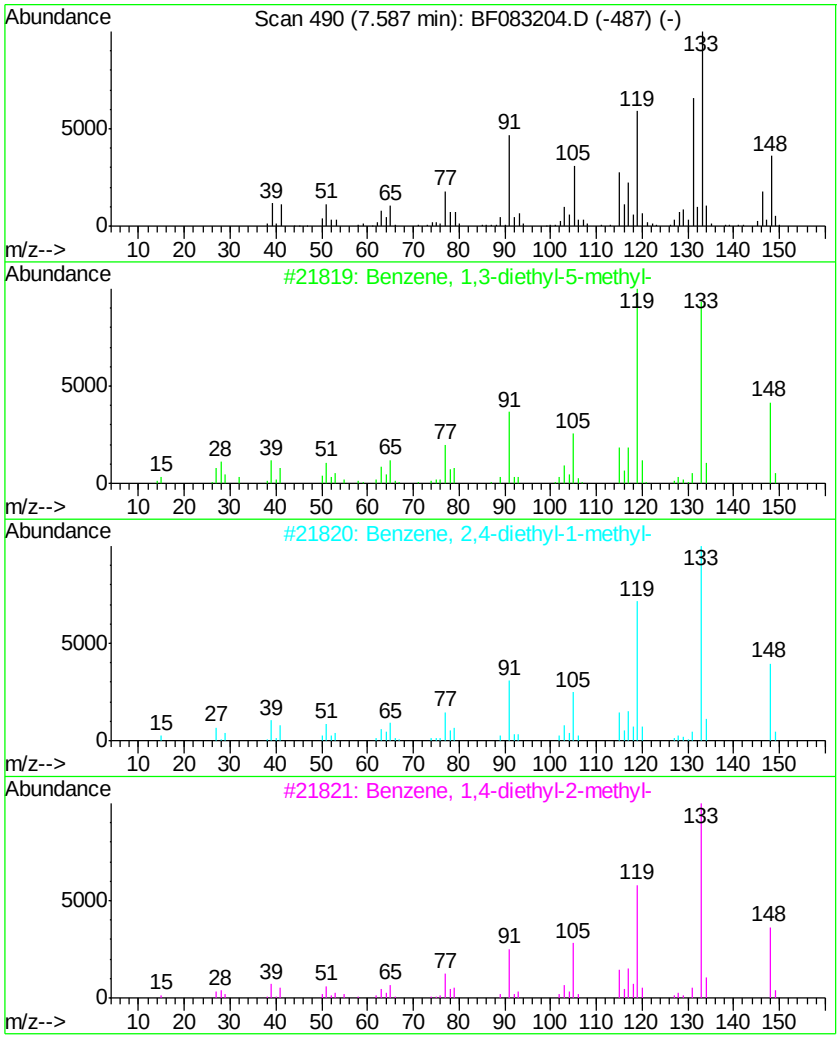
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

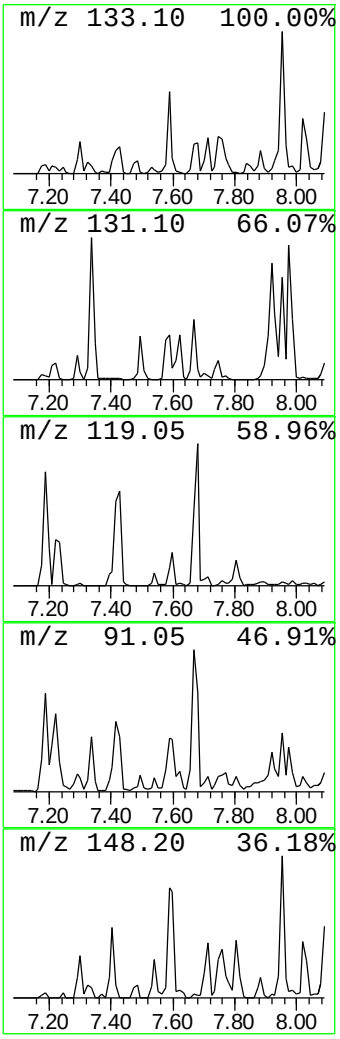
****

Peak Number 6 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	6.37 ng	677424	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	78
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	70
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	70
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	60
5	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	42





Library Search Compound Report

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Data File : BF083204.D
Acq On : 23 Nov 2015 15:07
Operator : UM/IZ
Sample : G4437-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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

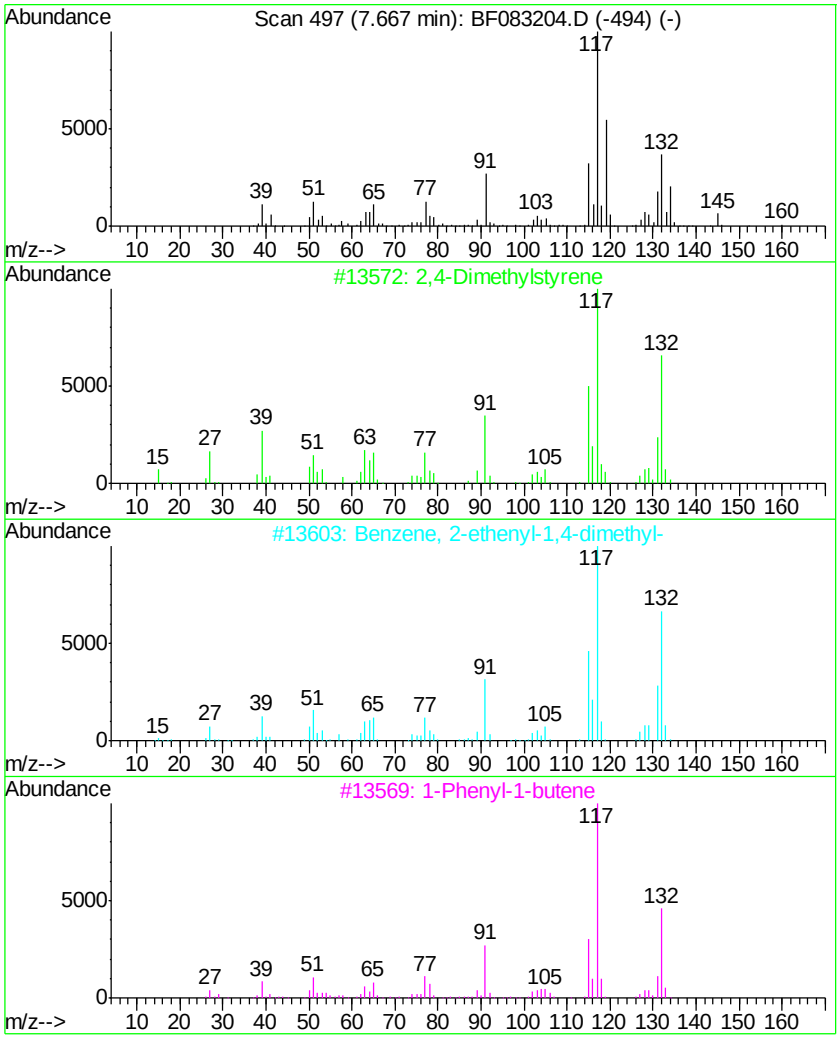
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

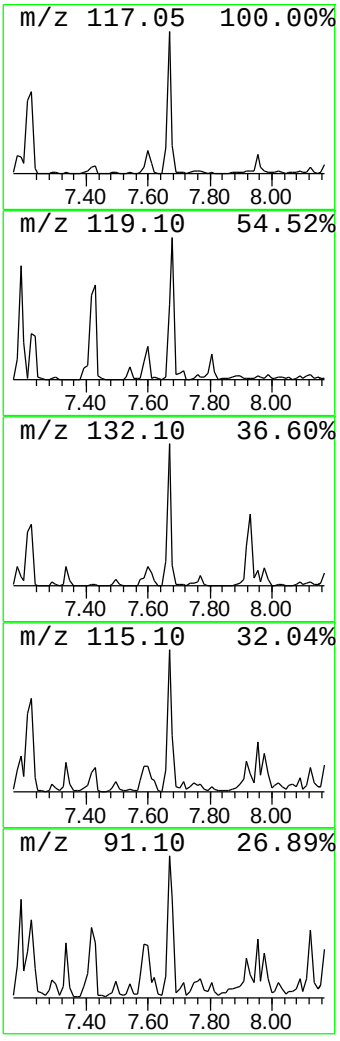
****

Peak Number 7 2,4-Dimethylstyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	13.84 ng	1472610	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	89
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	86





Library Search Compound Report

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Acq On : 23 Nov 2015 15:07
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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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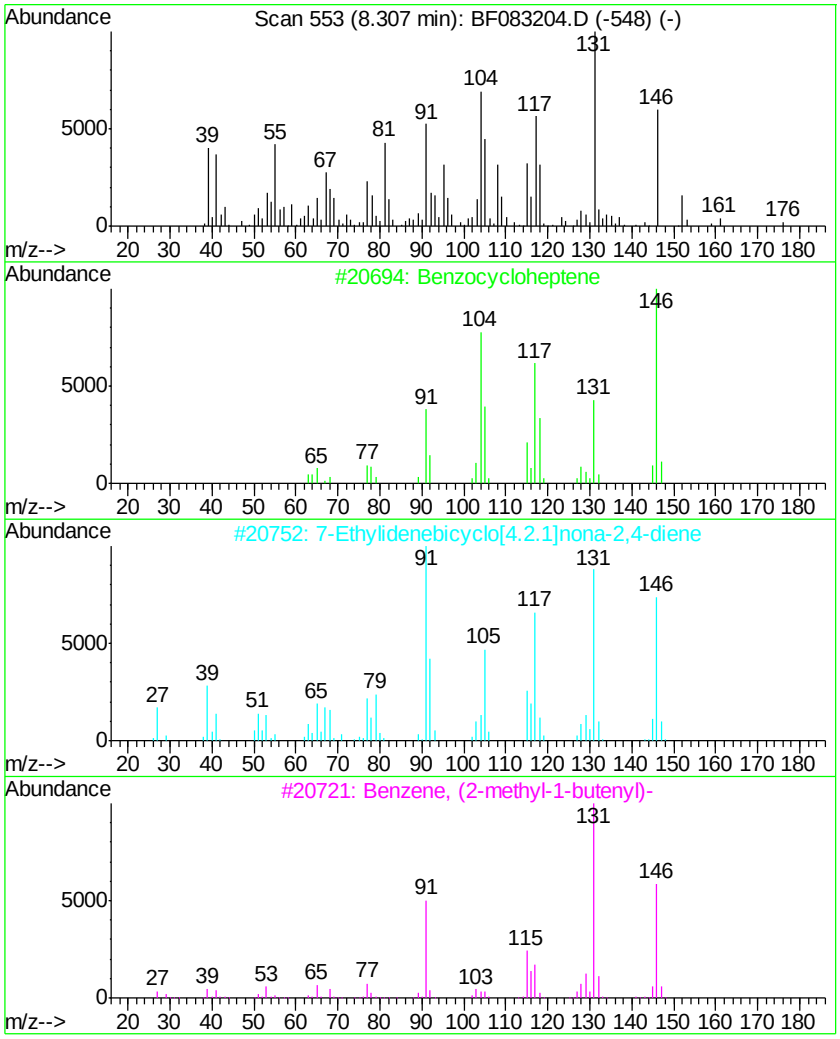
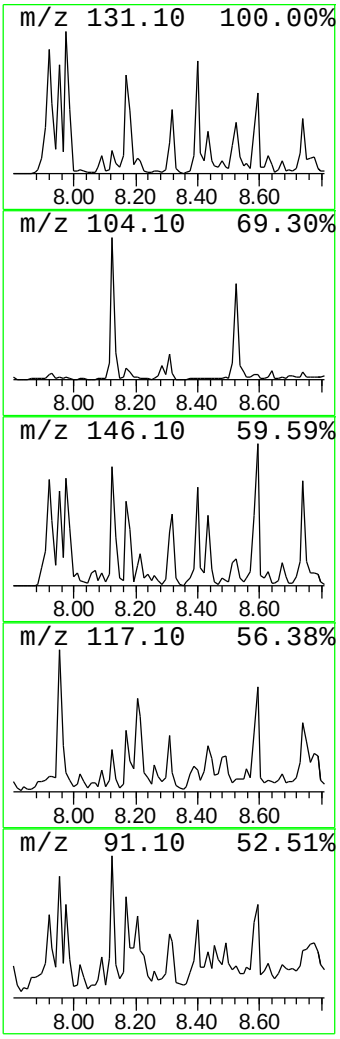
Peak Number 8 Benzocycloheptene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	7.11 ng	756606	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocycloheptene	146	C11H14	001075-16-7	60
2	7-Ethylidenebicyclo[4.2.1]nona-2...	146	C11H14	094400-10-9	58
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	43
4	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	38
5	Benzene, cyclopentyl-	146	C11H14	000700-88-9	38





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Acq On : 23 Nov 2015 15:07
Operator : UM/IZ
Sample : G4437-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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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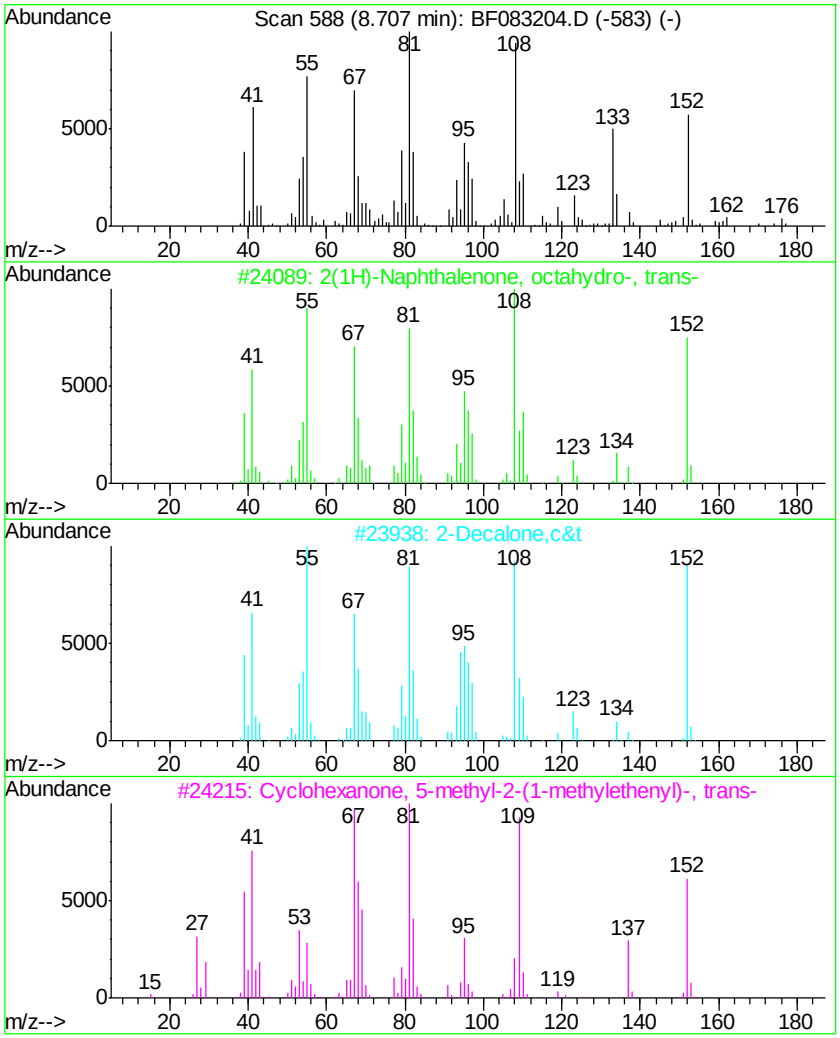
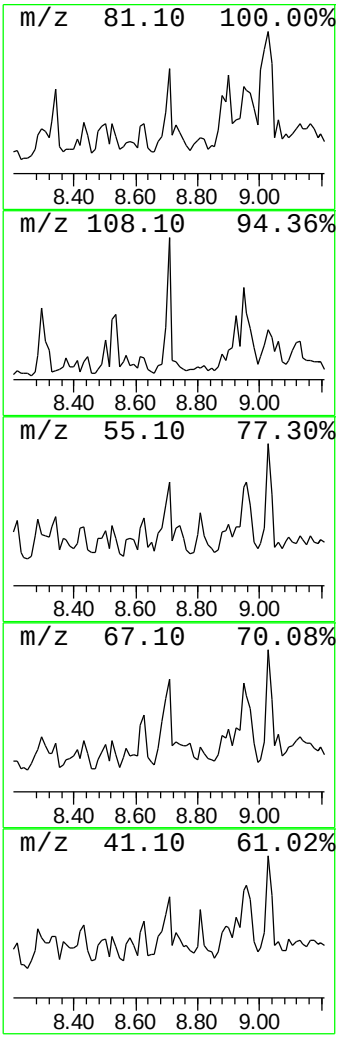
Peak Number 9 2(1H)-Naphthalenone, octahy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	6.09 ng	647562	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	93
2	2-Decalone,c&t	152	C10H16O	004832-17-1	62
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	029606-79-9	50
4	Bicyclo[4.3.1]decan-10-one	152	C10H16O	020440-21-5	42
5	Cyclohexane, ethenyl-	110	C8H14	000695-12-5	42





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Sample : G4437-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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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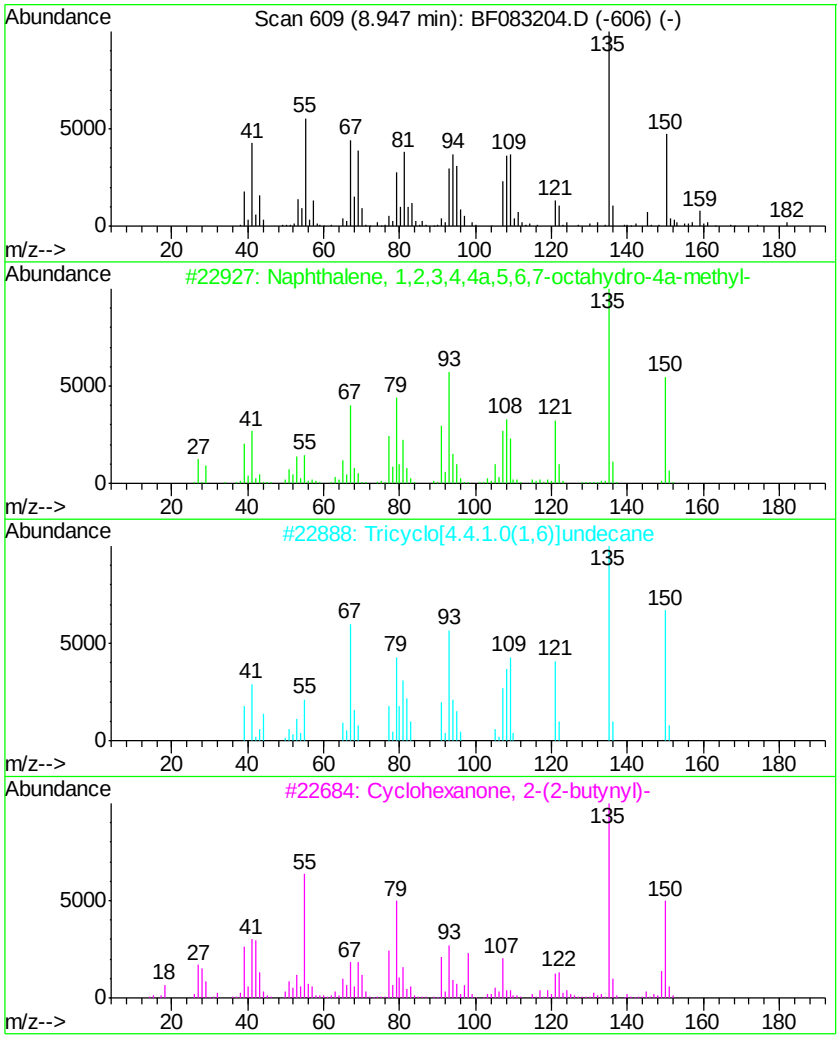
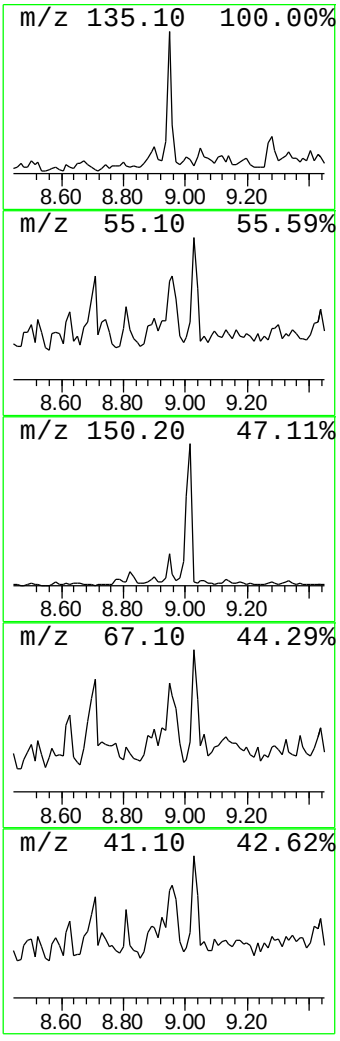
Peak Number 10 Naphthalene, 1,2,3,4,4a,5,6... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	7.57 ng	773787	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150	C11H18	013943-77-6	86
2	Tricyclo[4.4.1.0(1,6)]undecane	150	C11H18	006571-73-9	58
3	Cyclohexanone, 2-(2-butynyl)-	150	C10H14O	054166-48-2	45
4	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	43
5	Ethyltetramethylcyclopentadiene	150	C11H18	057693-77-3	43





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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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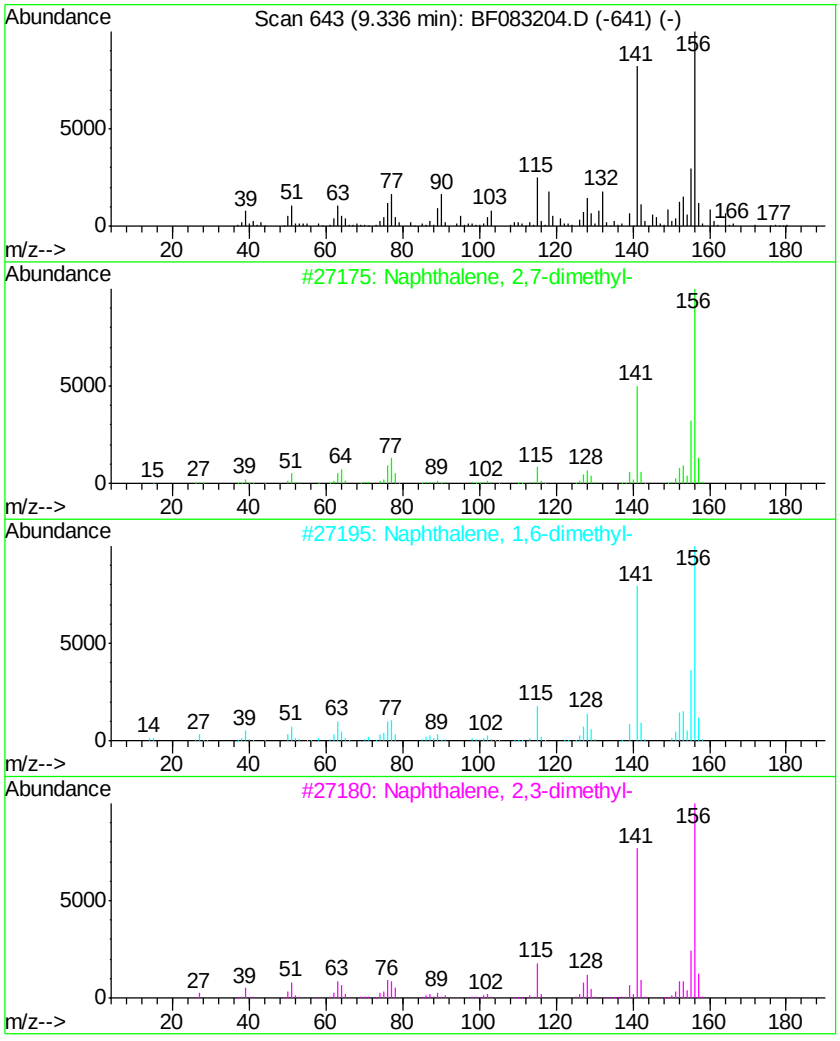
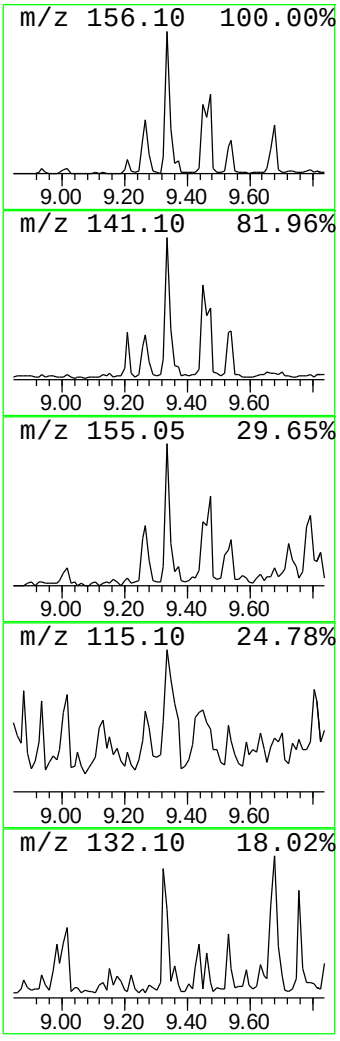
Peak Number 11 Naphthalene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	9.49 ng	969894	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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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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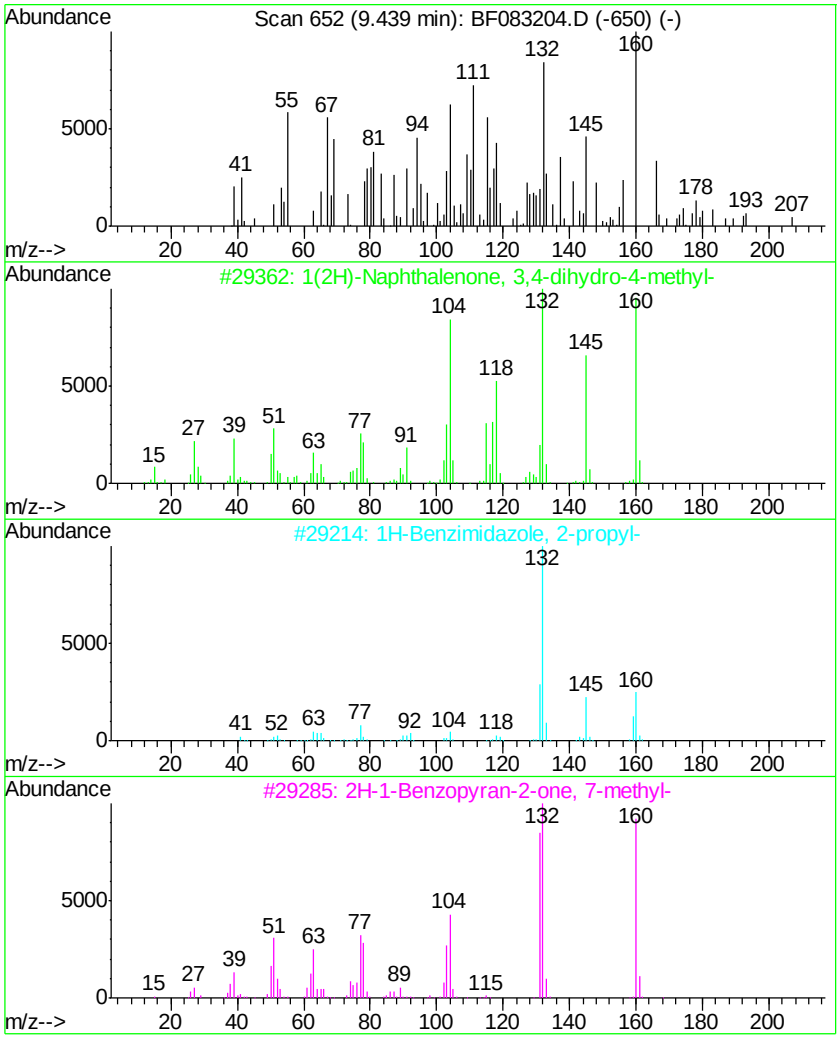
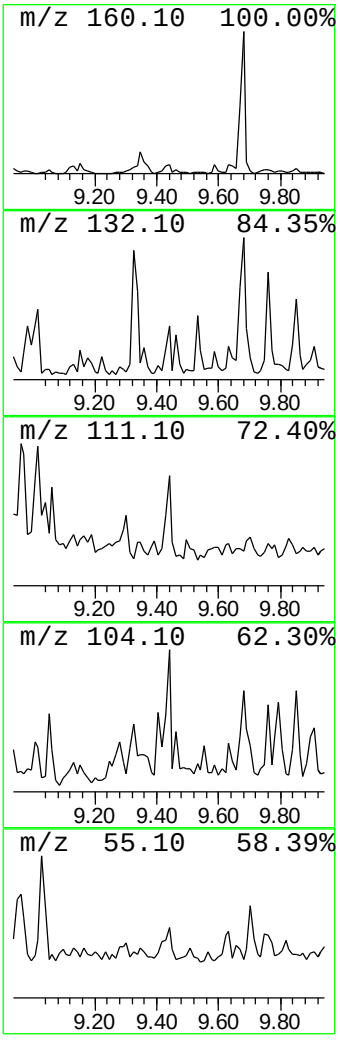
Peak Number 12 unknown9.44 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	6.06 ng	618887	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	019832-98-5	35
2	1H-Benzimidazole, 2-propyl-	160	C10H12N2	005465-29-2	35
3	2H-1-Benzopyran-2-one, 7-methyl-	160	C10H8O2	002445-83-2	30
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	27
5	Spiro[5.5]undecan-3-one	166	C11H18O	001890-25-1	25





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Sample : G4437-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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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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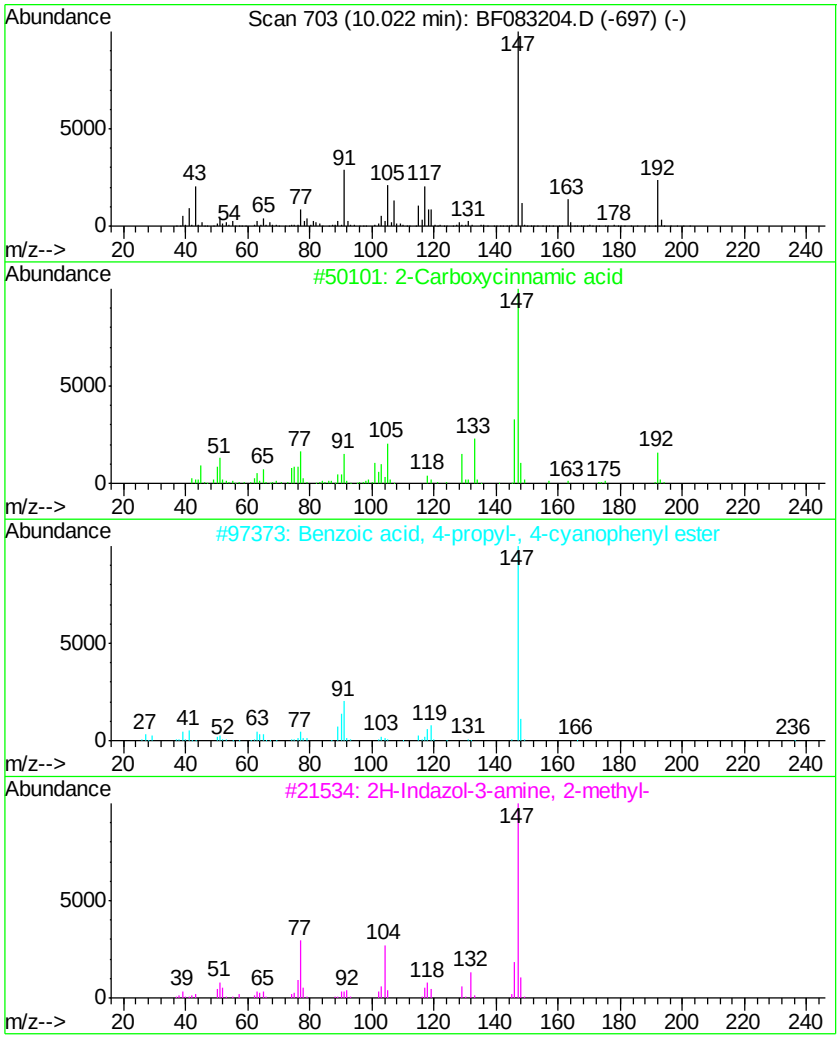
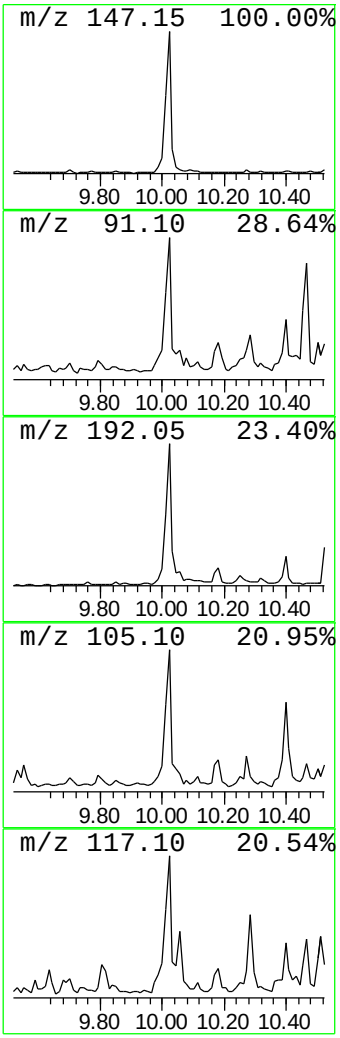
Peak Number 13 2-Carboxycinnamic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	22.21 ng	2270030	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Carboxycinnamic acid	192	C10H8O4	000612-40-8	50
2	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	43
3	2H-Indazol-3-amine, 2-methyl-	147	C8H9N3	097990-19-7	43
4	Benzoyl chloride, 4-propyl-	182	C10H11ClO	052710-27-7	43
5	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FNO2	086776-51-4	43





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Sample : G4437-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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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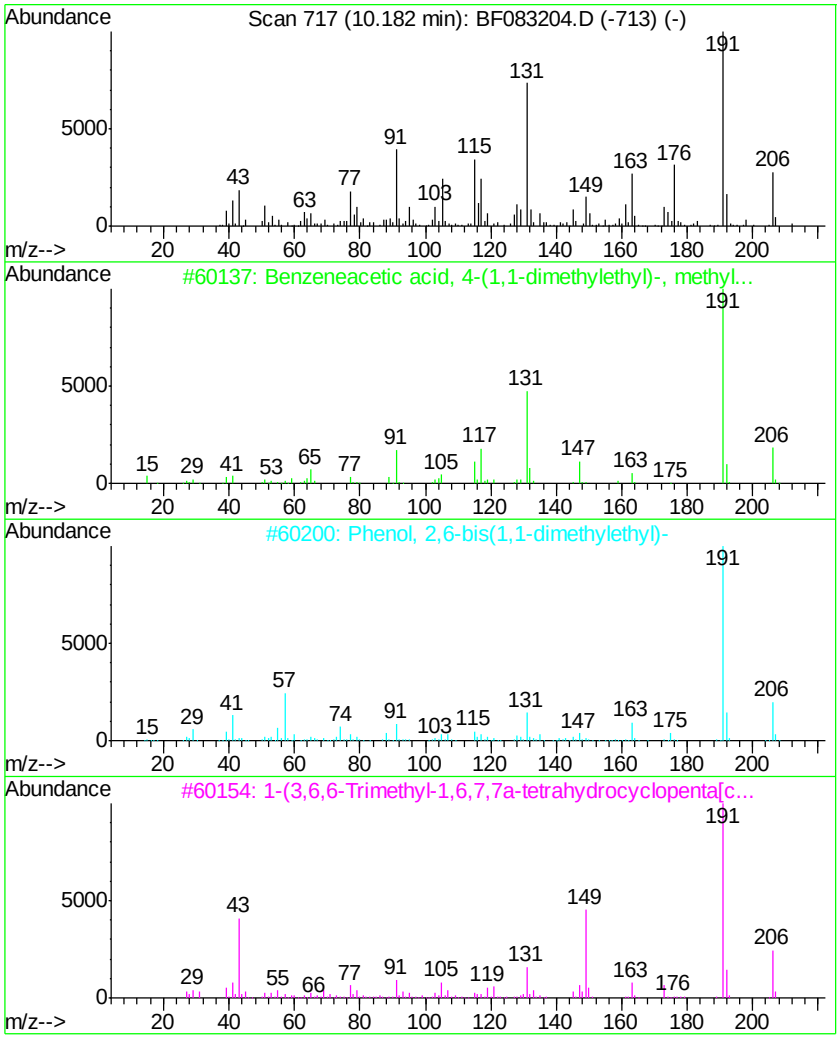
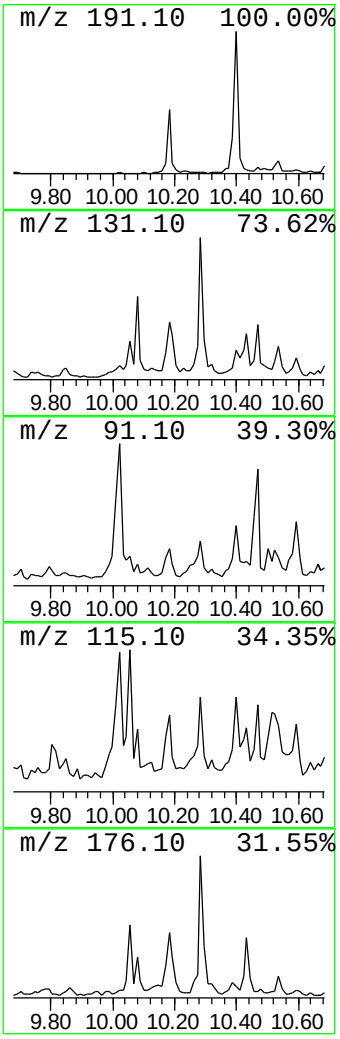
Peak Number 14 Benzeneacetic acid, 4-(1,1-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	7.39 ng	754901	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, 4-(1,1-dimet...	206	C13H18O2	003549-23-3	53
2	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	38
3	1-(3,6,6-Trimethyl-1,6,7,7a-tetr...	206	C13H18O2	1000194-97-2	38
4	3-Methyl-2-thioxo-1,2-dihydro-3H...	191	C9H9N3S	121361-81-7	35
5	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	30





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Instrument : BNA_F
ClientSampleId : MW-16

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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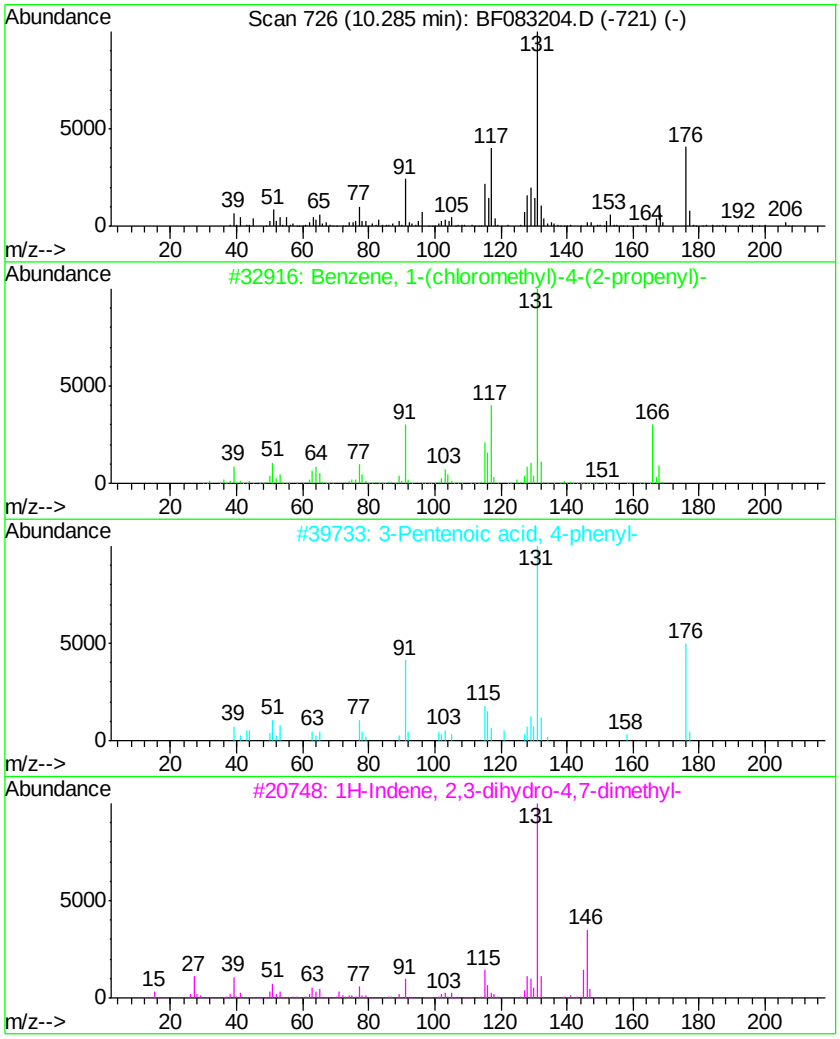
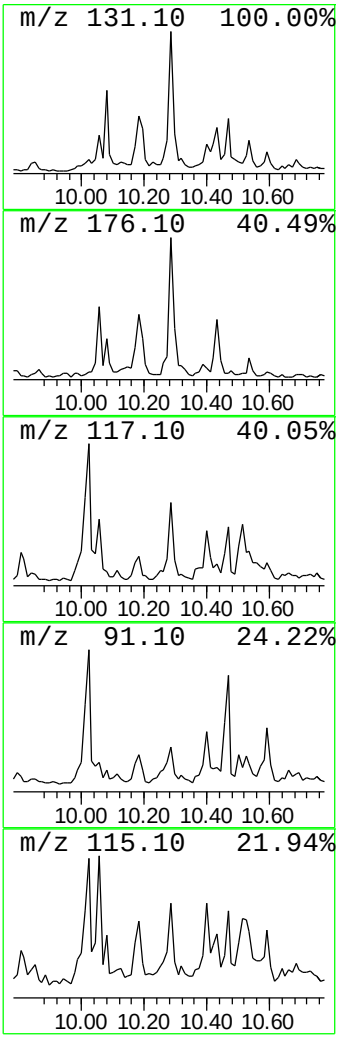
Peak Number 15 Benzene, 1-(chloromethyl)-4... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	7.49 ng	765967	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(chloromethyl)-4-(2-p...	166	C10H11Cl	036875-10-2	59
2	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	53
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	49
4	2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	47
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	47





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Sample : G4437-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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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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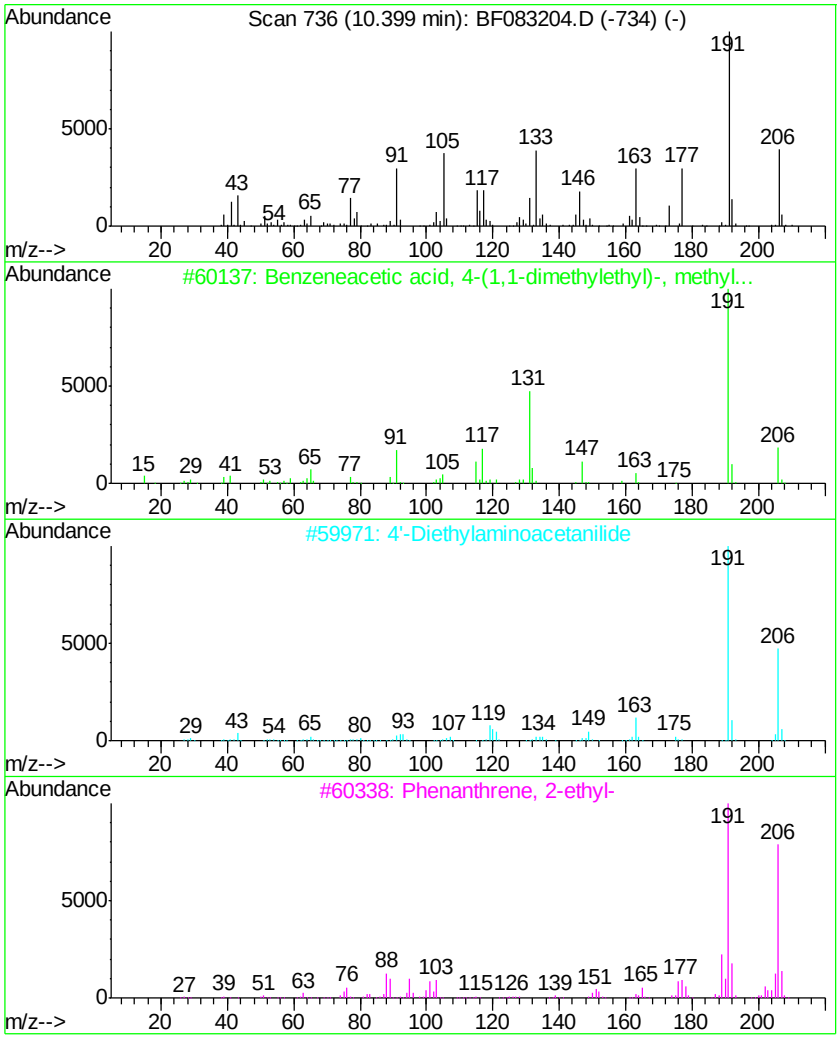
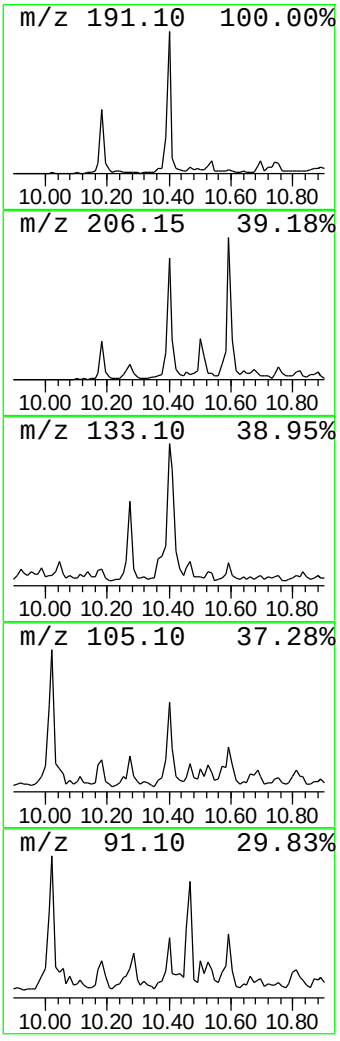
Peak Number 16 unknown10.40 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	7.17 ng	732247	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, 4-(1,1-dimet...	206	C13H18O2	003549-23-3	47
2	4'-Diethylaminoacetanilide	206	C12H18N2O	005326-57-8	46
3	Phenanthrene, 2-ethyl-	206	C16H14	003674-74-6	43
4	Pentanoic acid, 5-hydroxy-, 2,4-...	306	C19H30O3	166273-38-7	38
5	1H-Inden-1-one, 2,3-dihydro-5,6-...	206	C12H14O3	004082-25-1	38





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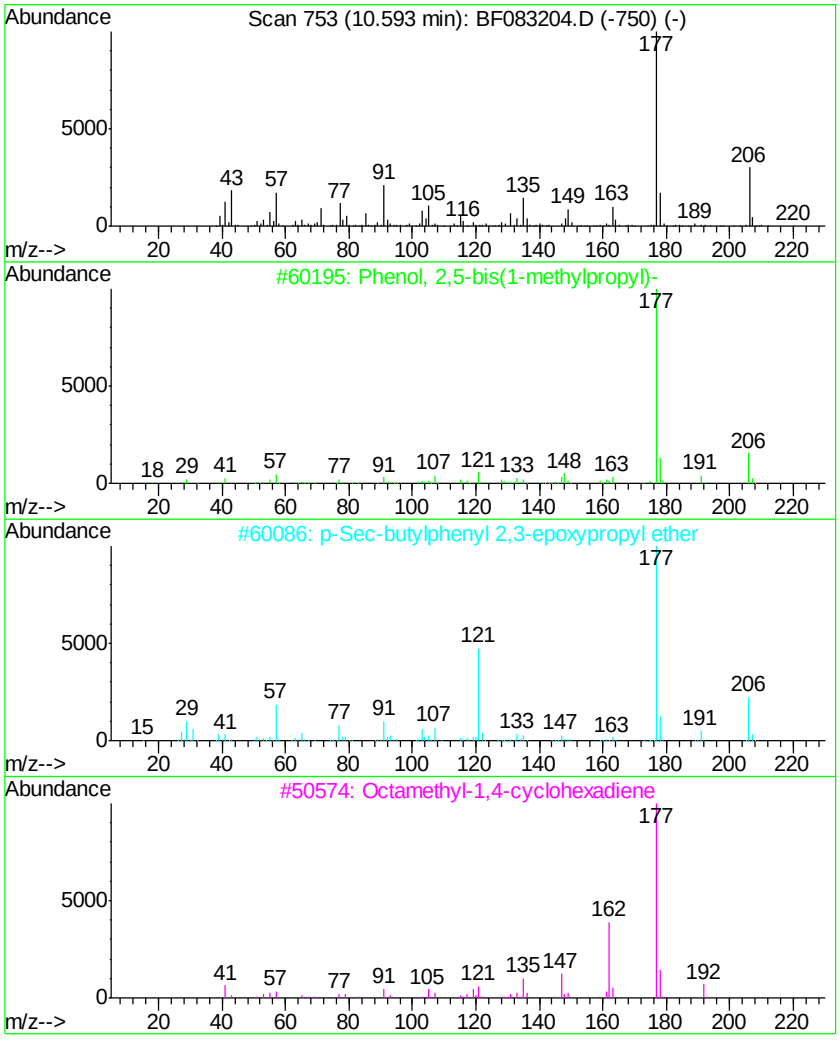
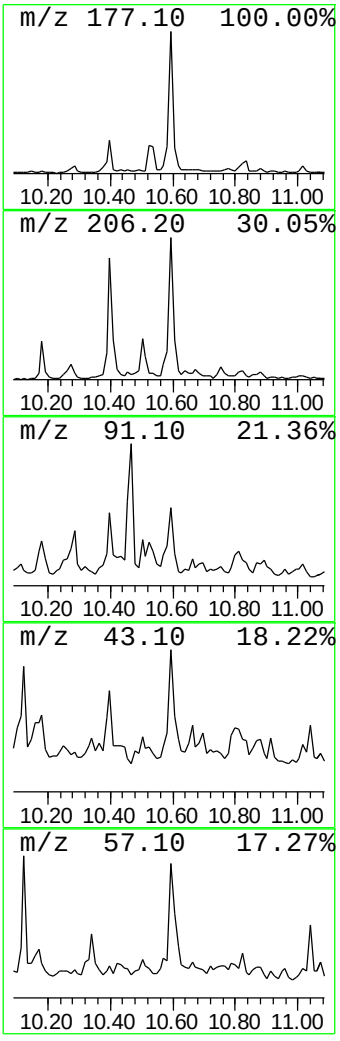
Peak Number 17 Phenol, 2,5-bis(1-methylpro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	13.07 ng	1146280	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,5-bis(1-methylpropyl)-	206	C14H22O	054932-77-3	74
2	p-Sec-butylphenyl 2,3-epoxypropy...	206	C13H18O2	067557-76-0	64
3	Octamethyl-1,4-cyclohexadiene	192	C14H24	172684-93-4	50
4	2,4a-Epidioxy-5,6,7,8-tetrahydro...	224	C13H20O3	1000212-29-9	45
5	Phenol, 2-(1,1-dimethylethyl)-4-...	206	C14H22O	052184-13-1	45





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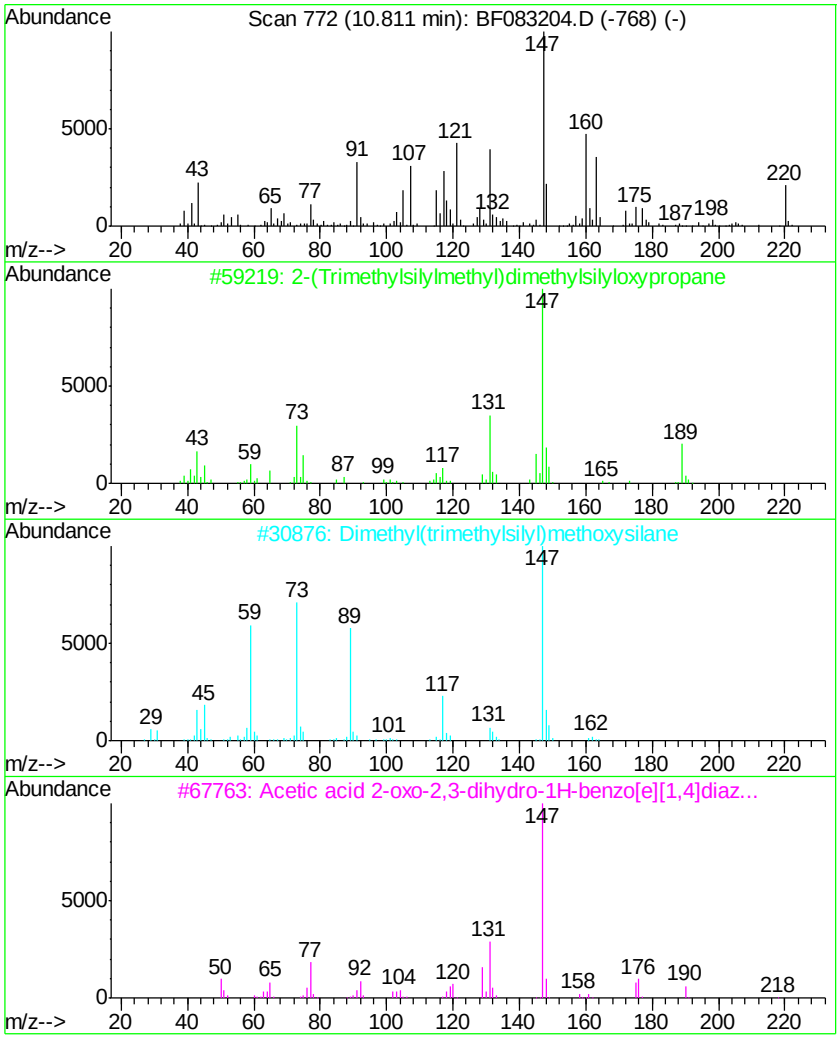
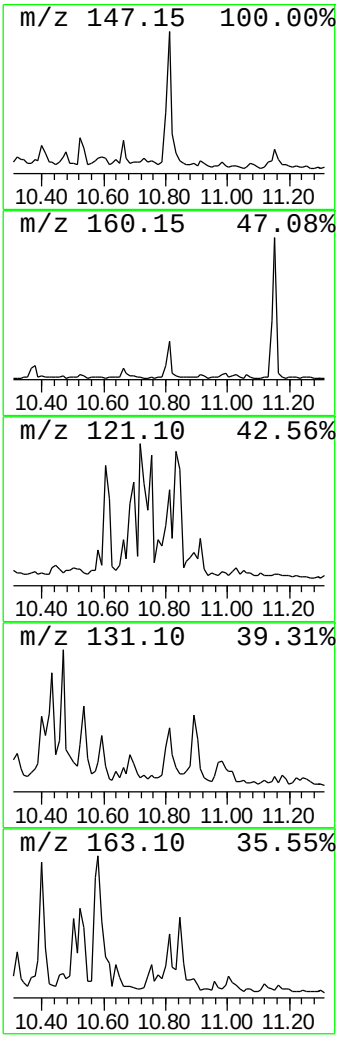
Peak Number 18 unknown10.81 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	9.98 ng	875188	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Trimethylsilylmethyl)dimethyl...	204	C9H24OSi2	005089-47-4	38
2	Dimethyl(trimethylsilyl)methoxys...	162	C6H18OSi2	018107-29-4	35
3	Acetic acid 2-oxo-2,3-dihydro-1H...	218	C11H10N2O3	016780-58-8	32
4	Benzene, 1,2-bis(1-methylethyl)-	162	C12H18	000577-55-9	27
5	Benzene, 1,2-diethyl-3,4-dimethyl-	162	C12H18	054410-75-2	22





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

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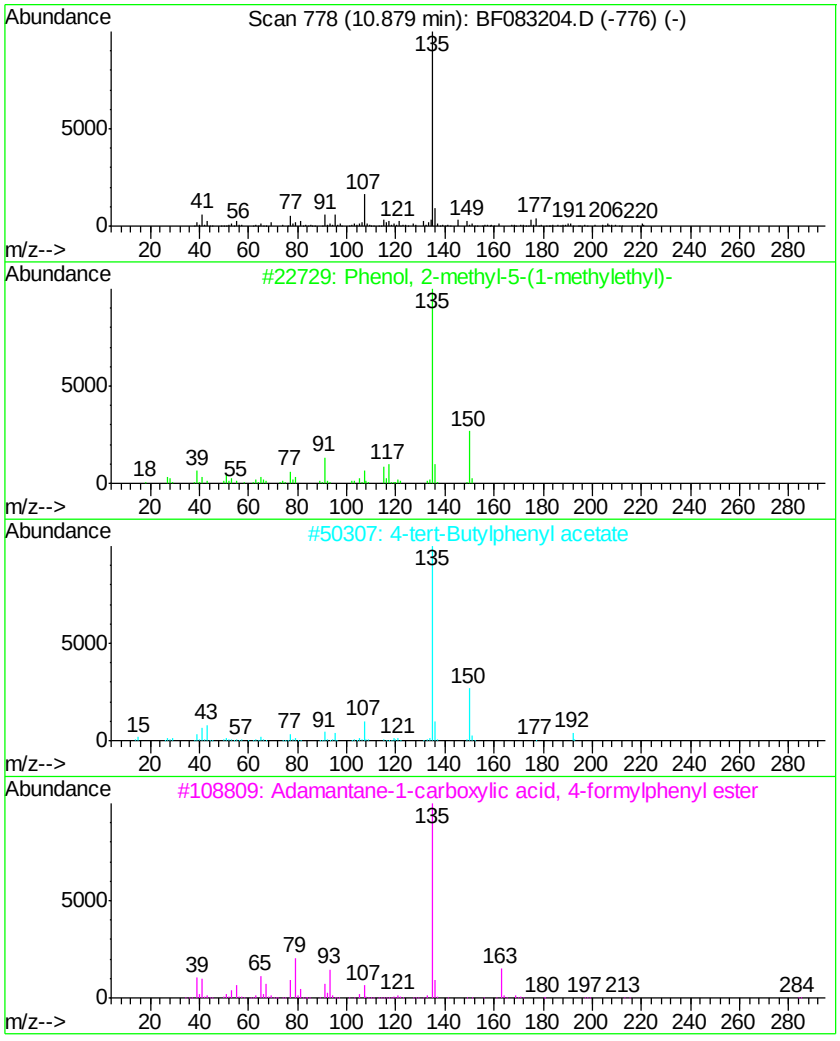
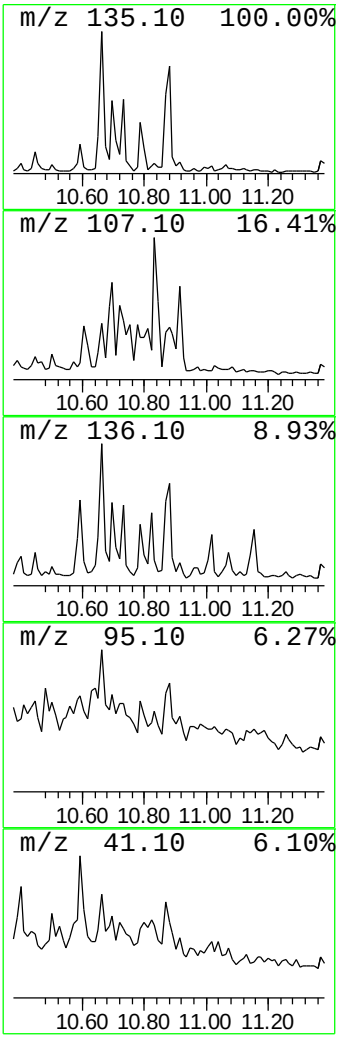
Peak Number 19 Phenol, 2-methyl-5-(1-methy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	11.20 ng	982385	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	64
2	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64
3	Adamantane-1-carboxylic acid, 4-...	284	C18H20O3	1000276-61-1	53
4	Thymol	150	C10H14O	000089-83-8	53
5	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083204.D
Acq On : 23 Nov 2015 15:07
Operator : UM/IZ
Sample : G4437-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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

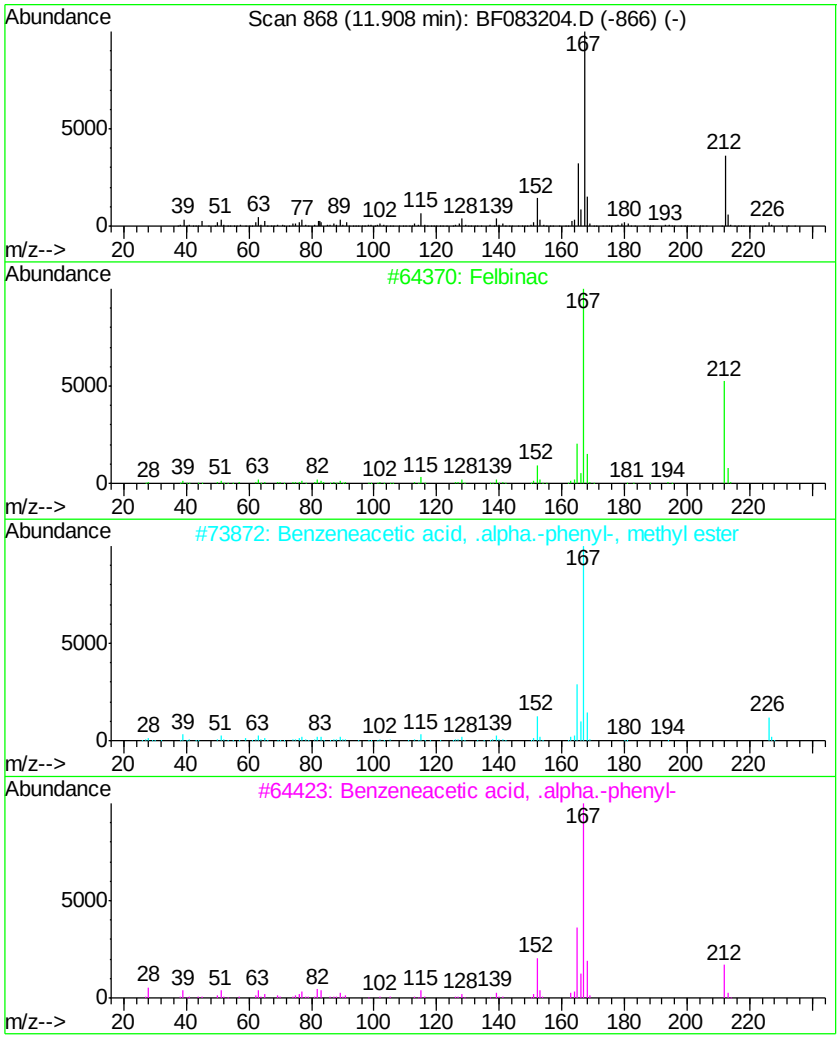
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

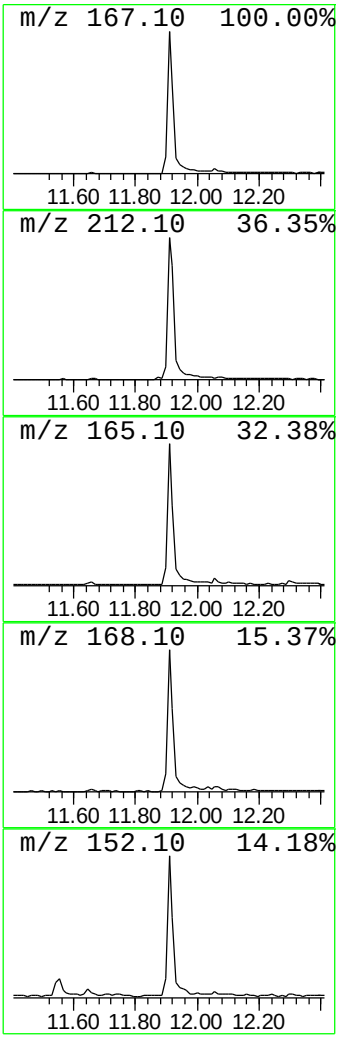
****

Peak Number 20 Felbinac Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	16.99 ng	1490500	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Felbinac	212	C14H12O2	005728-52-9	95
2	Benzeneacetic acid, .alpha.-phen...	226	C15H14O2	003469-00-9	95
3	Benzeneacetic acid, .alpha.-phenyl-	212	C14H12O2	000117-34-0	94
4	Benzeneacetaldehyde, .alpha.-phe...	196	C14H12O	000947-91-1	83
5	Benzene, 1,1'-[[(4-methylphenyl)...	290	C20H18S	032110-49-9	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083204.D
Acq On : 23 Nov 2015 15:07
Operator : UM/IZ
Sample : G4437-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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...	4.78	21.8	ng	1556330	1	6.64	1427680	20.0
unknown6.41	6.41	83.6	ng	5968270	1	6.64	1427680	20.0
Benzene, 1,2-diet...	6.99	6.9	ng	490584	1	6.64	1427680	20.0
Benzene, 4-ethyl-...	7.42	7.2	ng	769923	2	7.93	2127380	20.0
Benzene, 1,3-diet...	7.59	6.4	ng	677424	2	7.93	2127380	20.0
2,4-Dimethylstyrene	7.67	13.8	ng	1472610	2	7.93	2127380	20.0
Benzocycloheptene	8.31	7.1	ng	756606	2	7.93	2127380	20.0
2(1H)-Naphthaleno...	8.71	6.1	ng	647562	2	7.93	2127380	20.0
Naphthalene, 1,2,...	8.95	7.6	ng	773787	3	9.68	2043950	20.0
Naphthalene, 2,7-...	9.34	9.5	ng	969894	3	9.68	2043950	20.0
unknown9.44	9.44	6.1	ng	618887	3	9.68	2043950	20.0
2-Carboxycinnamic...	10.02	22.2	ng	2270030	3	9.68	2043950	20.0
Benzeneacetic aci...	10.18	7.4	ng	754901	3	9.68	2043950	20.0
Benzene, 1-(chlor...	10.28	7.5	ng	765967	3	9.68	2043950	20.0
unknown10.40	10.40	7.2	ng	732247	3	9.68	2043950	20.0
Phenol, 2,5-bis(1...	10.59	13.1	ng	1146280	4	11.15	1754700	20.0
unknown10.81	10.81	10.0	ng	875188	4	11.15	1754700	20.0
Phenol, 2-methyl-...	10.88	11.2	ng	982385	4	11.15	1754700	20.0
Felbinac	11.91	17.0	ng	1490500	4	11.15	1754700	20.0