LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083944.D
Acq On : 19 Dec 2015 6:06
Operator : UM/SJ
Sample : G4840-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-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-BF121815.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	5.047	256	259	263	rVB	111981	161962	6.38%	0.679%
2	5.481	294	297	299	rBV	750694	759055	29.91%	3.184%
3	6.030	342	345	347	rBV	193883	180643	7.12%	0.758%
4	6.327	369	371	373	rVB	36102	45401	1.79%	0.190%
5	6.510	384	387	389	rBV	415956	563861	22.22%	2.365%
6	6.636	395	398	400	rBV	1773095	1586711	62.53%	6.656%
7	6.670	400	401	402	rVB	54806	38036	1.50%	0.160%
8	6.819	411	414	416	rBV2	130342	190753	7.52%	0.800%
9	6.864	416	418	420	rBV	496117	405675	15.99%	1.702%
10	7.024	429	432	433	rBV	1860596	1714545	67.56%	7.193%
11	7.047	433	434	436	rVB	132087	96871	3.82%	0.406%
12	7.116	438	440	444	rVB	95029	80806	3.18%	0.339%
13	7.184	444	446	450	rBV2	152168	281808	11.11%	1.182%
14	7.413	463	466	467	rBV	973132	1813967	71.48%	7.610%
15	7.436	467	468	471	rVV	1634391	1336846	52.68%	5.608%
16	7.516	473	475	476	rBV	68163	68118	2.68%	0.286%
17	7.561	476	479	481	rVV	128873	134544	5.30%	0.564%
18	7.641	482	486	488	rVV	689898	616816	24.31%	2.588%
19	7.721	488	493	494	rVB4	33939	68024	2.68%	0.285%
20	7.824	498	502	505	rVB2	307241	432244	17.03%	1.813%
21	7.893	505	508	510	rBV	1301707	1252392	49.35%	5.254%
22	7.927	510	511	512	rVV	39880	27525	1.08%	0.115%
23	7.973	512	515	518	rVB	42666	63590	2.51%	0.267%
24	8.019	518	519	521	rVB	53825	49125	1.94%	0.206%
25	8.087	523	525	526	rBV	42675	46485	1.83%	0.195%
26	8.144	526	530	534	rVV2	553755	850312	33.51%	3.567%
27	8.202	534	535	537	rVV	180015	132390	5.22%	0.555%
28	8.236	537	538	540	rVB2	37276	50879	2.00%	0.213%
29	8.282	540	542	543	rVB2	49142	48087	1.89%	0.202%
30	8.304	543	544	546	rBV	63478	61137	2.41%	0.256%
31	8.350	546	548	549	rVV	39883	41015	1.62%	0.172%
32	8.396	549	552	553	rVV2	41053	59571	2.35%	0.250%
33	8.430	553	555	558	rVV3	76658	117599	4.63%	0.493%
34	8.533	562	564	567	rVB	114250	99400	3.92%	0.417%

LSC Area Percent Report

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Data File : BF083944.D
Acq On : 19 Dec 2015 6:06
Operator : UM/SJ
Sample : G4840-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-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-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.624	569	572	573	rVV	89904	127523	5.03%	0.535%
36	8.659	573	575	578	rVV3	55366	95023	3.74%	0.399%
37	8.716	578	580	581	rVV2	53362	71543	2.82%	0.300%
38	8.739	581	582	584	rVV2	84544	78851	3.11%	0.331%
39	8.784	584	586	587	rVV2	20085	39870	1.57%	0.167%
40	8.807	587	588	590	rVV2	102456	110416	4.35%	0.463%
41	8.842	590	591	593	rVB2	37878	37847	1.49%	0.159%
42	8.956	599	601	603	rVV	354013	448676	17.68%	1.882%
43	8.990	603	604	607	rVB3	48432	47727	1.88%	0.200%
44	9.047	607	609	612	rBV3	20912	50289	1.98%	0.211%
45	9.093	612	613	615	rVB2	34023	29369	1.16%	0.123%
46	9.150	615	618	619	rVB	25286	29250	1.15%	0.123%
47	9.184	619	621	622	rBV2	34041	41202	1.62%	0.173%
48	9.230	622	625	627	rVB	2620824	2537642	100.00%	10.646%
49	9.402	633	640	641	rBV6	29868	90161	3.55%	0.378%
50	9.436	641	643	644	rVB	61919	60809	2.40%	0.255%
51	9.493	644	648	652	rBV4	70499	135109	5.32%	0.567%
52	9.562	652	654	656	rVV	122328	150031	5.91%	0.629%
53	9.596	656	657	659	rVB2	61629	47844	1.89%	0.201%
54	9.676	663	664	667	rBV2	47080	89277	3.52%	0.375%
55	9.767	670	672	673	rVB	69678	82488	3.25%	0.346%
56	9.802	673	675	679	rVB4	16651	32508	1.28%	0.136%
57	9.905	681	684	686	rBV	717574	674208	26.57%	2.828%
58	10.053	695	697	700	rBV3	24576	47088	1.86%	0.198%
59	10.327	713	721	723	rVB3	31630	78068	3.08%	0.328%
60	10.407	725	728	730	rVV4	20429	55323	2.18%	0.232%
61	10.453	730	732	735	rVV	52585	86380	3.40%	0.362%
62	10.533	735	739	741	rVV4	27508	59838	2.36%	0.251%
63	10.602	744	745	750	rVV5	19968	45054	1.78%	0.189%
64	10.693	750	753	755	rVV	1310095	1301801	51.30%	5.461%
65	10.796	759	762	767	rVB5	33508	64036	2.52%	0.269%
66	11.025	781	782	786	rVB2	26657	39938	1.57%	0.168%
67	11.390	811	814	816	rBV	473981	535351	21.10%	2.246%
68	11.596	830	832	835	rBV	44024	43434	1.71%	0.182%
69	12.751	931	933	935	rBV	61385	64828	2.55%	0.272%
70	12.968	950	952	955	rBV	1538317	1994151	78.58%	8.366%
71	13.756	1019	1021	1023	rBV	24000	34206	1.35%	0.143%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083944.D
Acq On : 19 Dec 2015 6:06
Operator : UM/SJ
Sample : G4840-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-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-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.019	1042	1044	1047	rBV	358614	425492	16.77%	1.785%
73	14.636	1095	1098	1101	rBV4	16008	37171	1.46%	0.156%
74	15.459	1168	1170	1175	rBV	225351	308291	12.15%	1.293%
75	19.437	1514	1518	1523	rBV7	7479	32838	1.29%	0.138%

Sum of corrected areas: 23837144

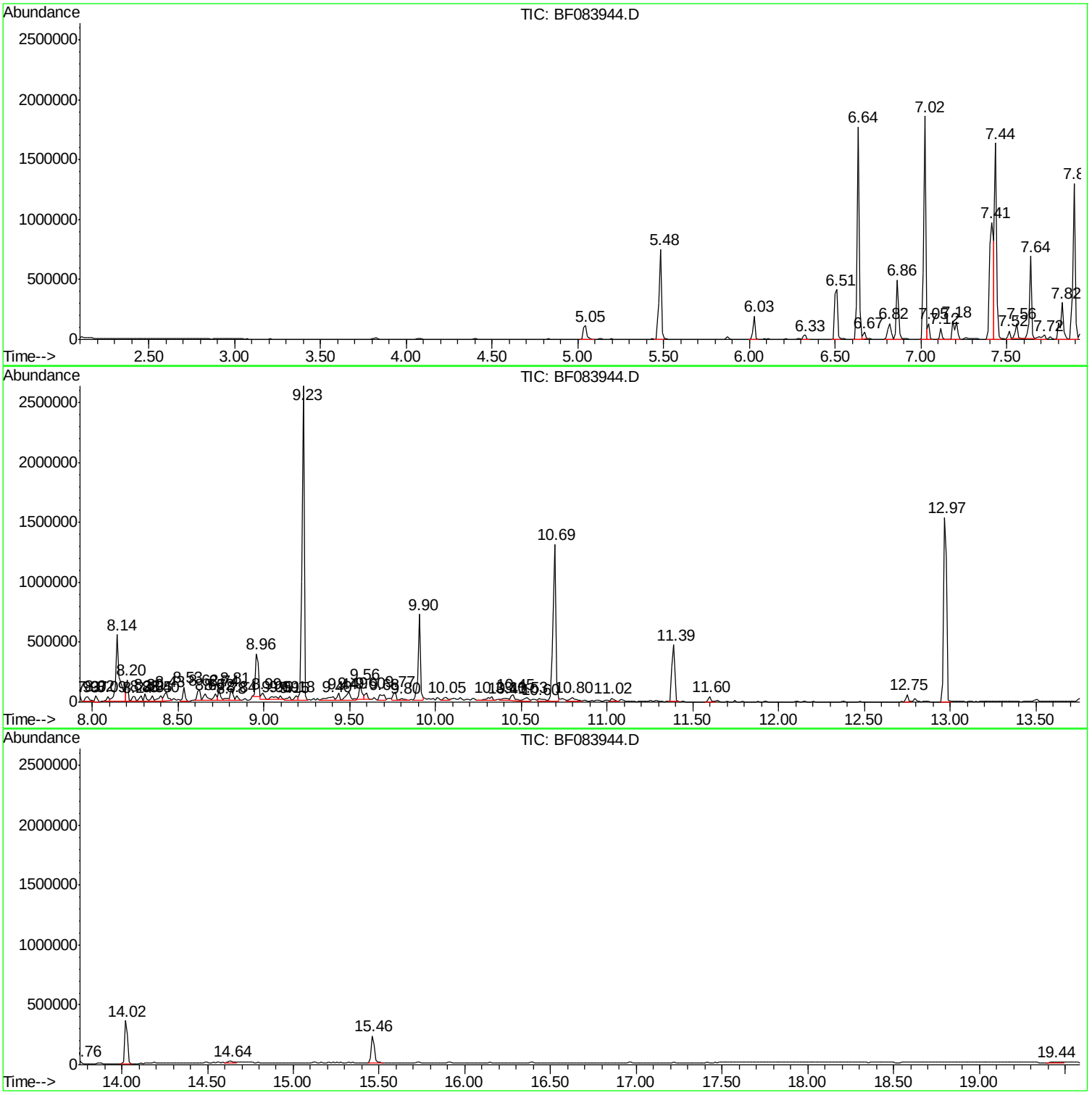
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083944.D
Acq On : 19 Dec 2015 6:06
Operator : UM/SJ
Sample : G4840-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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\BF121915\
Data File : BF083944.D
Acq On : 19 Dec 2015 6:06
Operator : UM/SJ
Sample : G4840-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

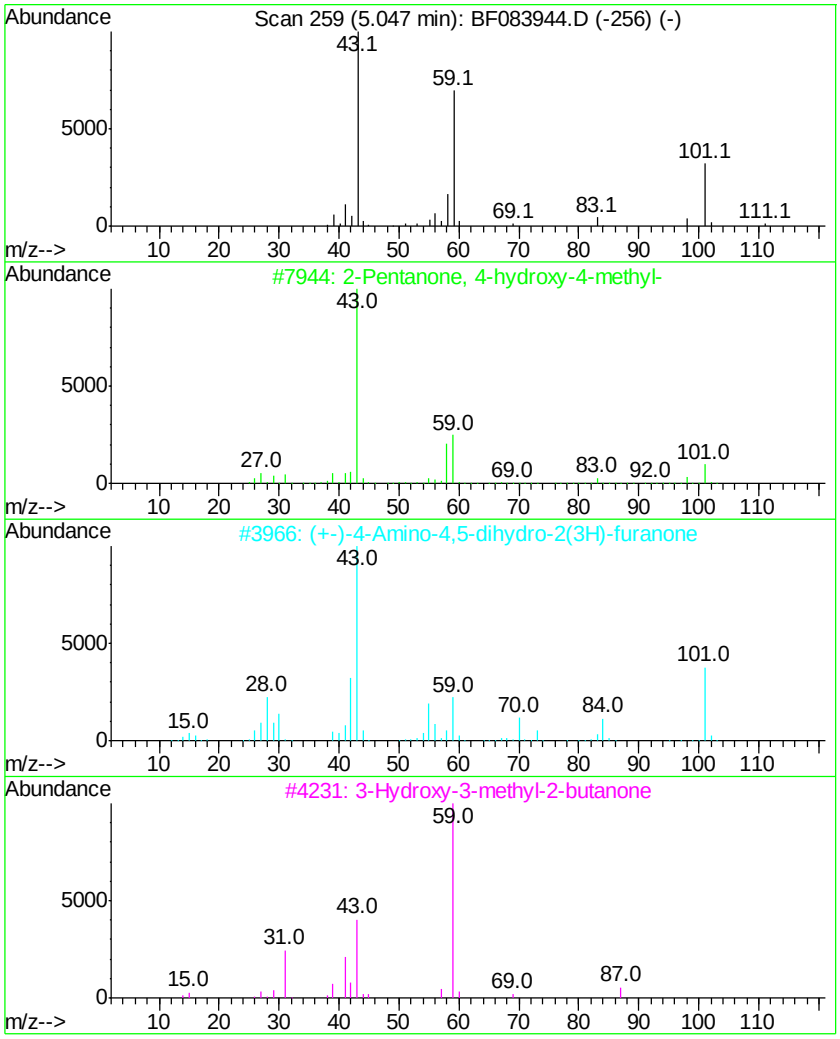
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

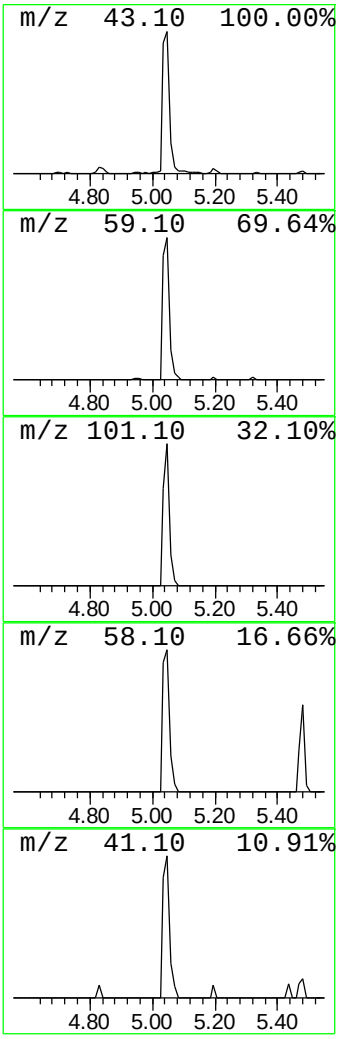
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	7.98 ng	161962	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	27
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083944.D
Acq On : 19 Dec 2015 6:06
Operator : UM/SJ
Sample : G4840-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

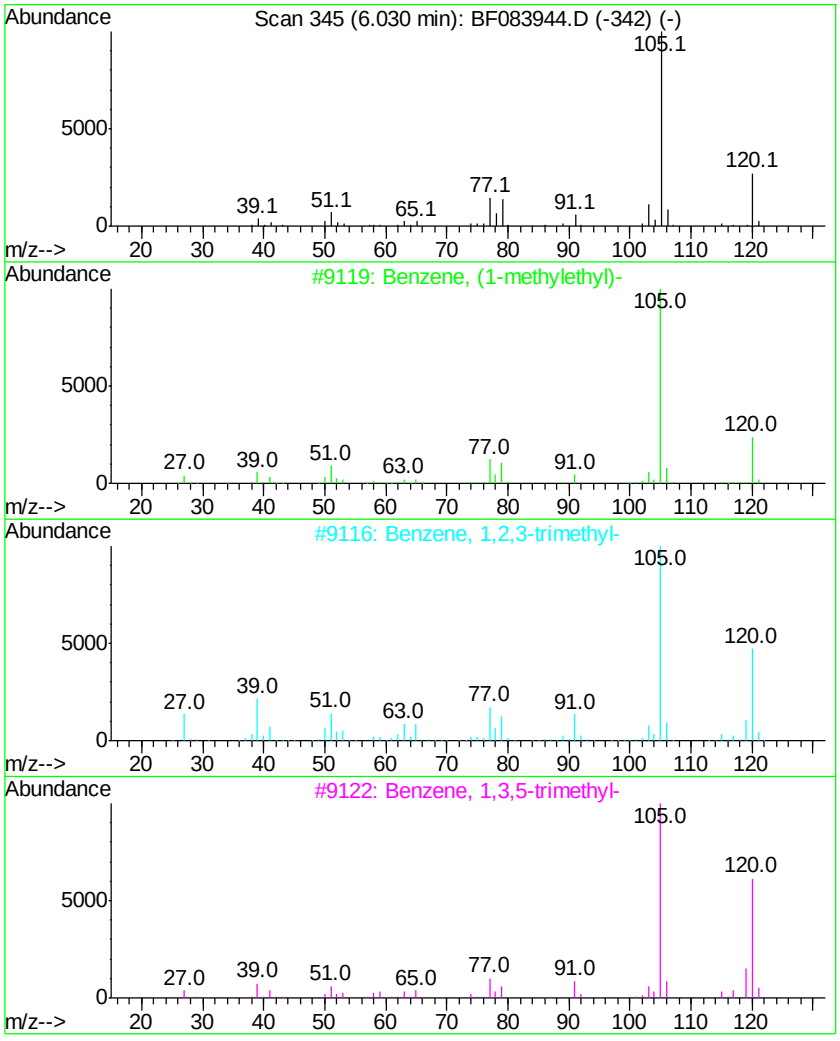
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

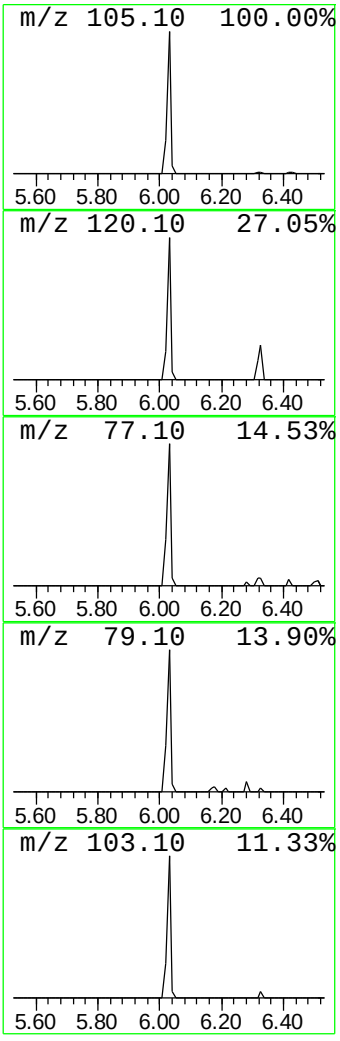
****

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	8.91 ng	180643	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	83
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083944.D
Acq On : 19 Dec 2015 6:06
Operator : UM/SJ
Sample : G4840-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

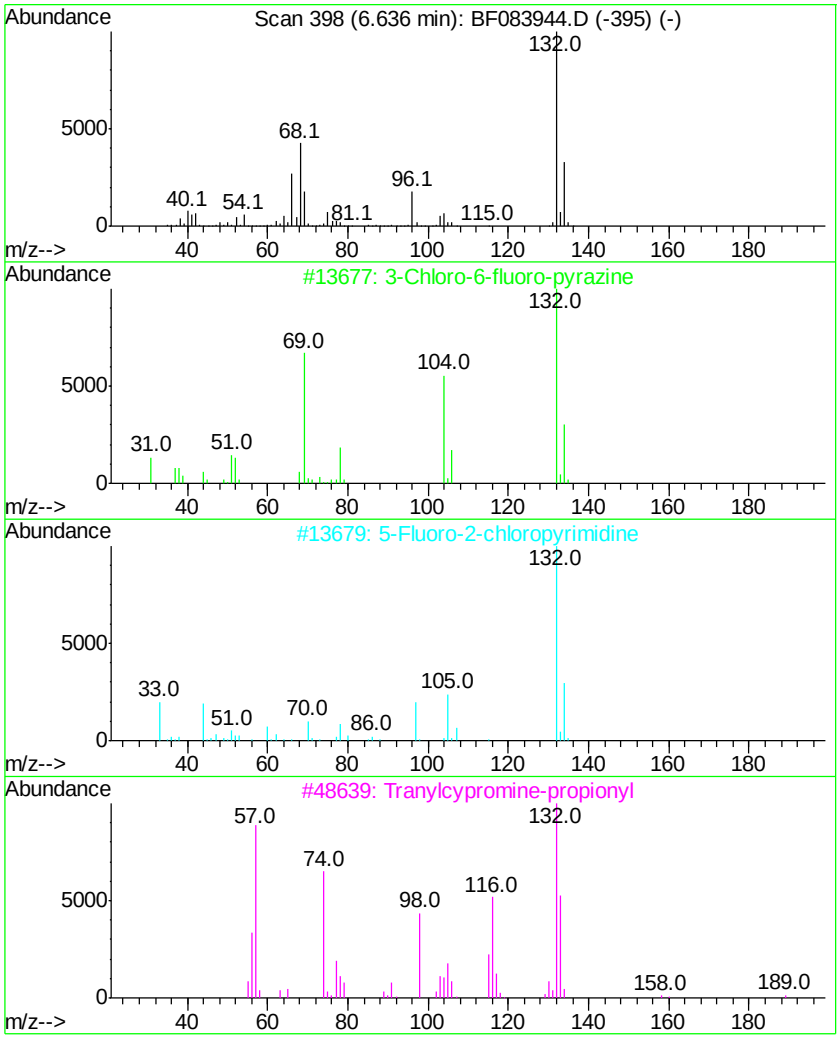
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

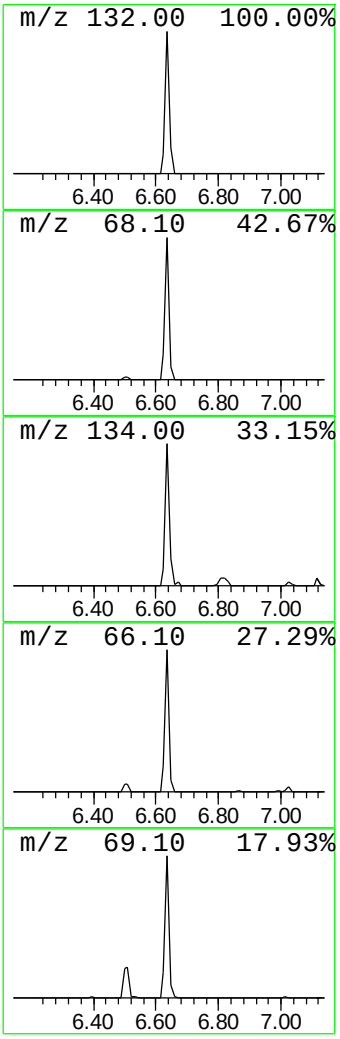
****

Peak Number 3 unknown6.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	78.23 ng	1586710	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083944.D
Acq On : 19 Dec 2015 6:06
Operator : UM/SJ
Sample : G4840-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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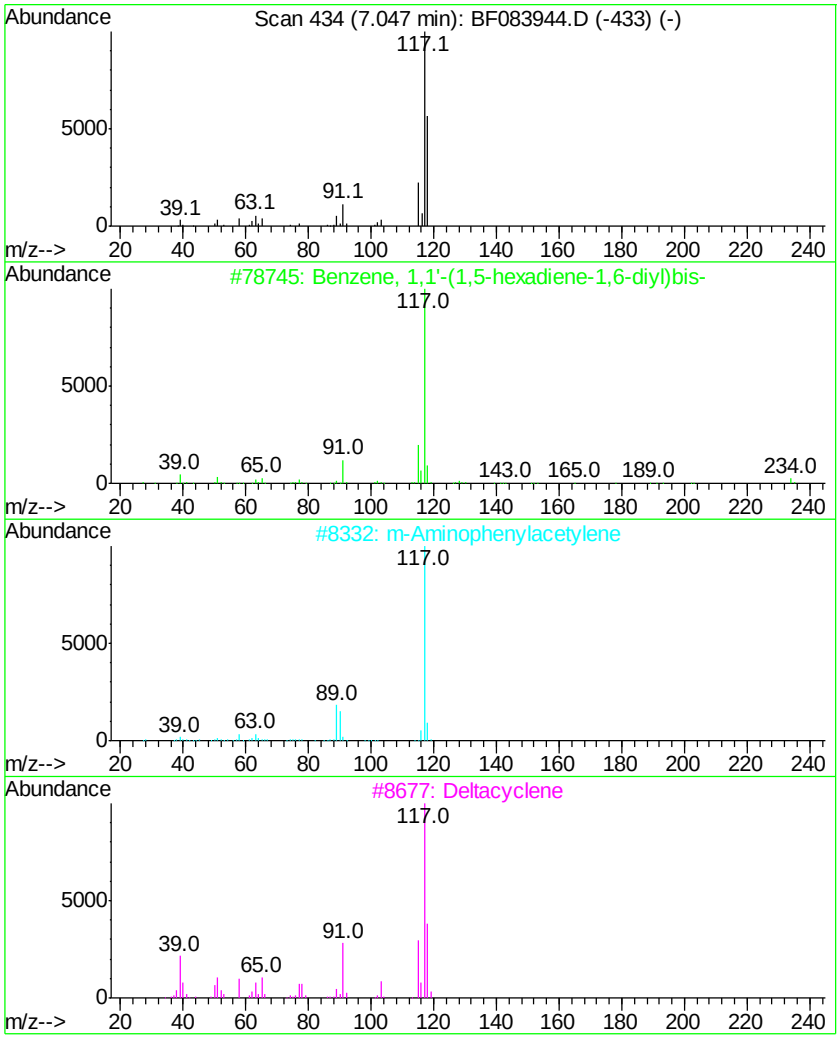
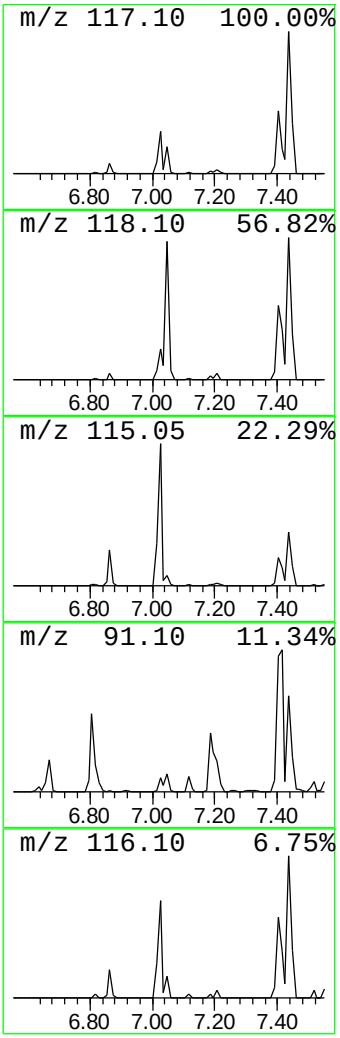
Peak Number 5 unknown7.05 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	4.78 ng	96871	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	45
2	m-Aminophenylacetylene	117	C8H7N	054060-30-9	43
3	Deltacyclene	118	C9H10	007785-10-6	42
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	37
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083944.D
Acq On : 19 Dec 2015 6:06
Operator : UM/SJ
Sample : G4840-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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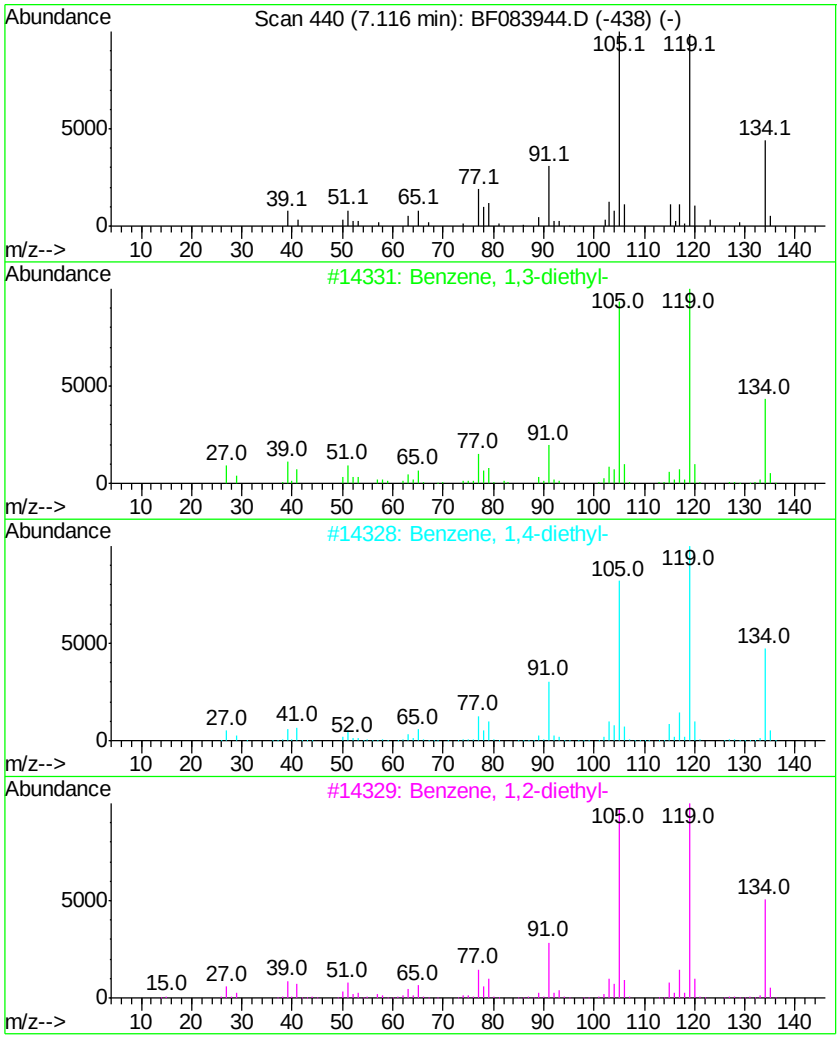
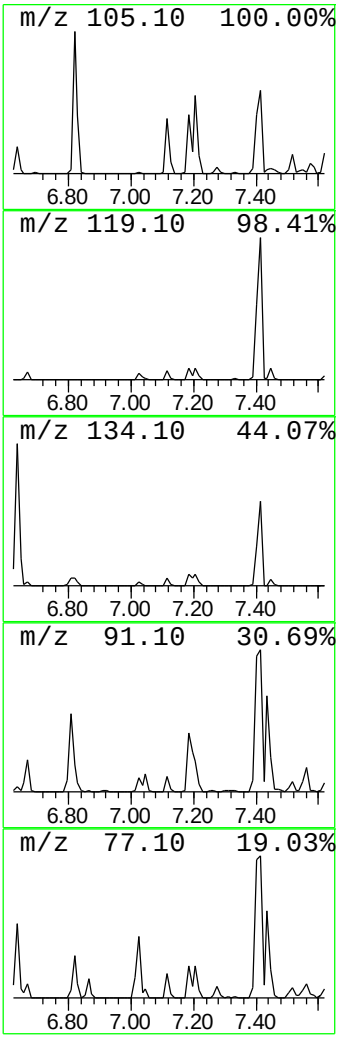
Peak Number 6 Benzene, 1,3-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	3.98 ng	80806	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083944.D
Acq On : 19 Dec 2015 6:06
Operator : UM/SJ
Sample : G4840-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

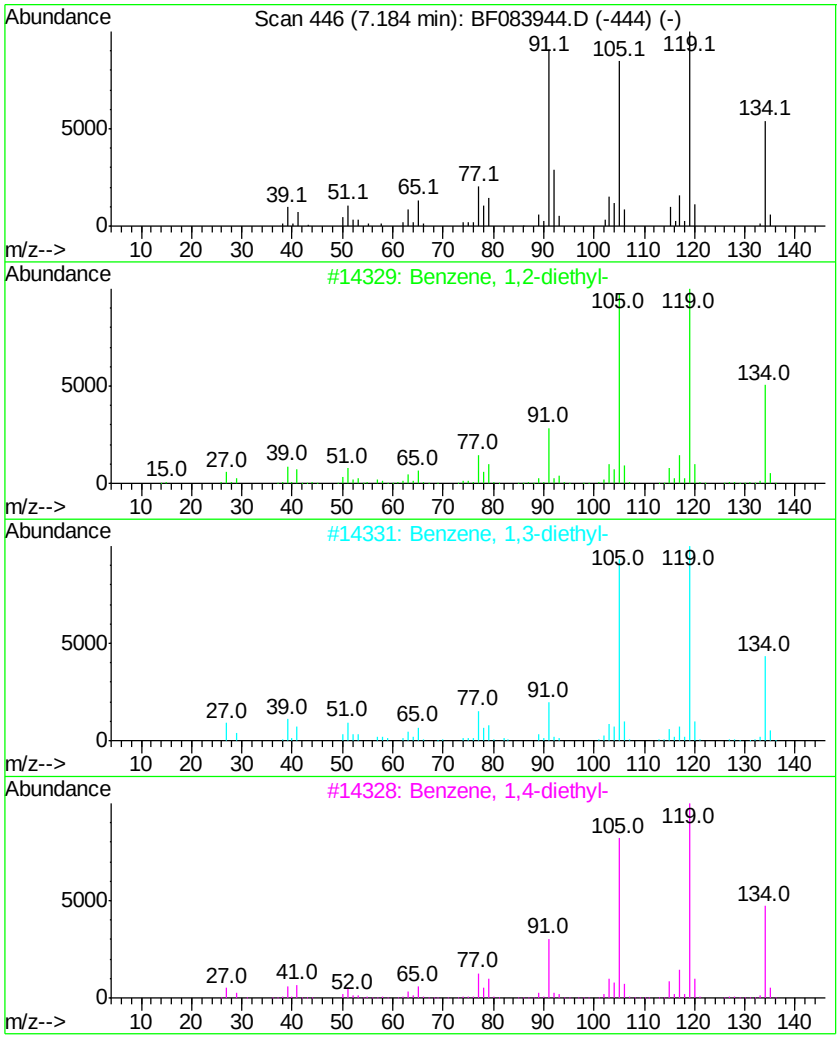
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

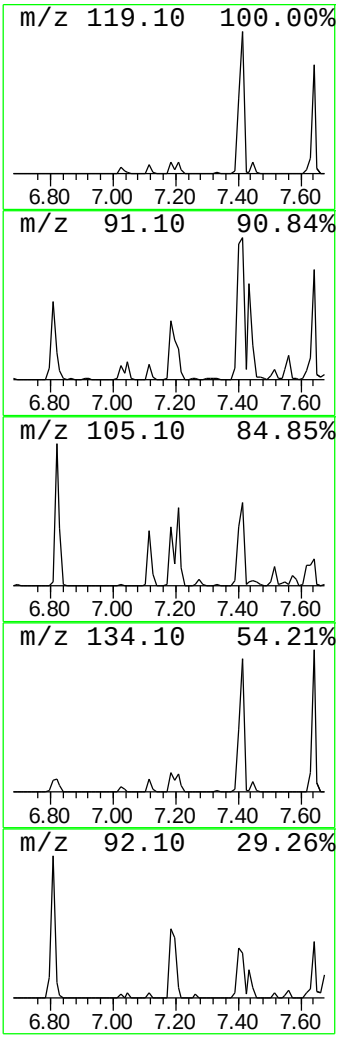
****

Peak Number 7 Benzene, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	13.89 ng	281808	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	90
5	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083944.D
Acq On : 19 Dec 2015 6:06
Operator : UM/SJ
Sample : G4840-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

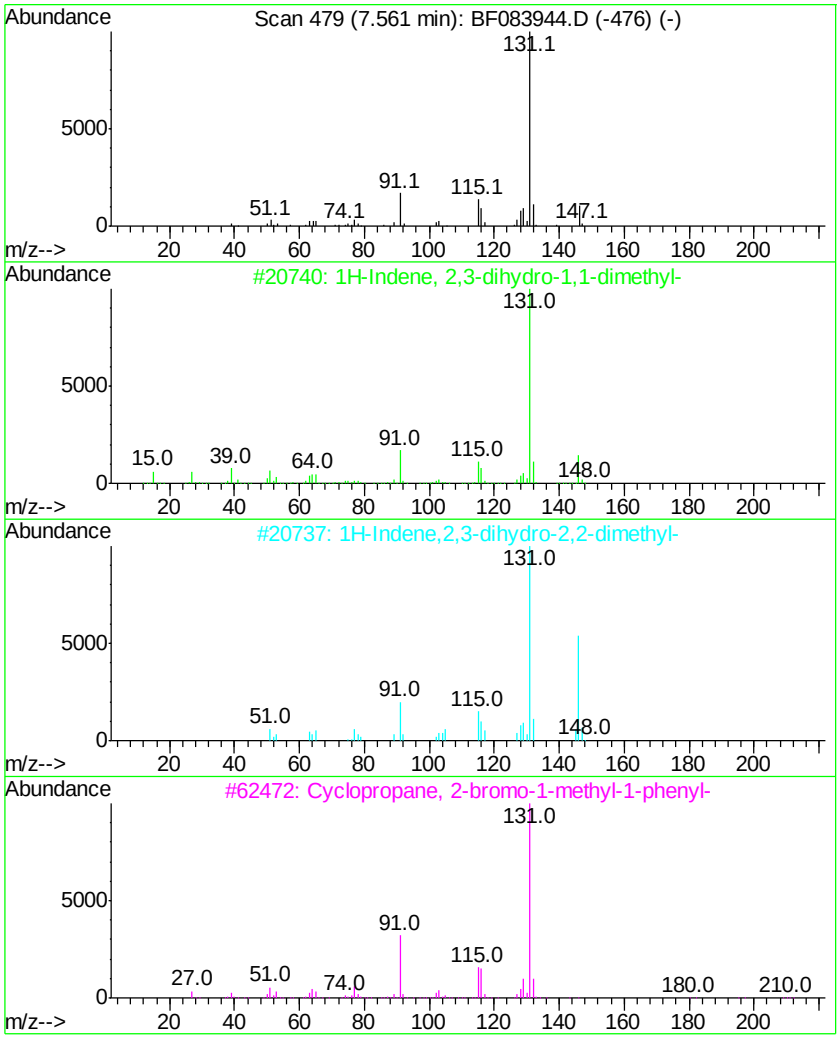
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

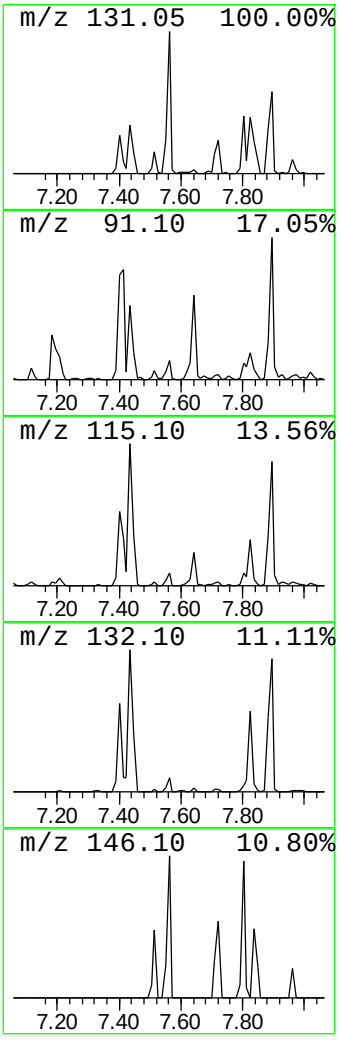
****

Peak Number 8 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	3.16 ng	134544	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
2	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	87
3	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	86
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	72





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Data File : BF083944.D
Acq On : 19 Dec 2015 6:06
Operator : UM/SJ
Sample : G4840-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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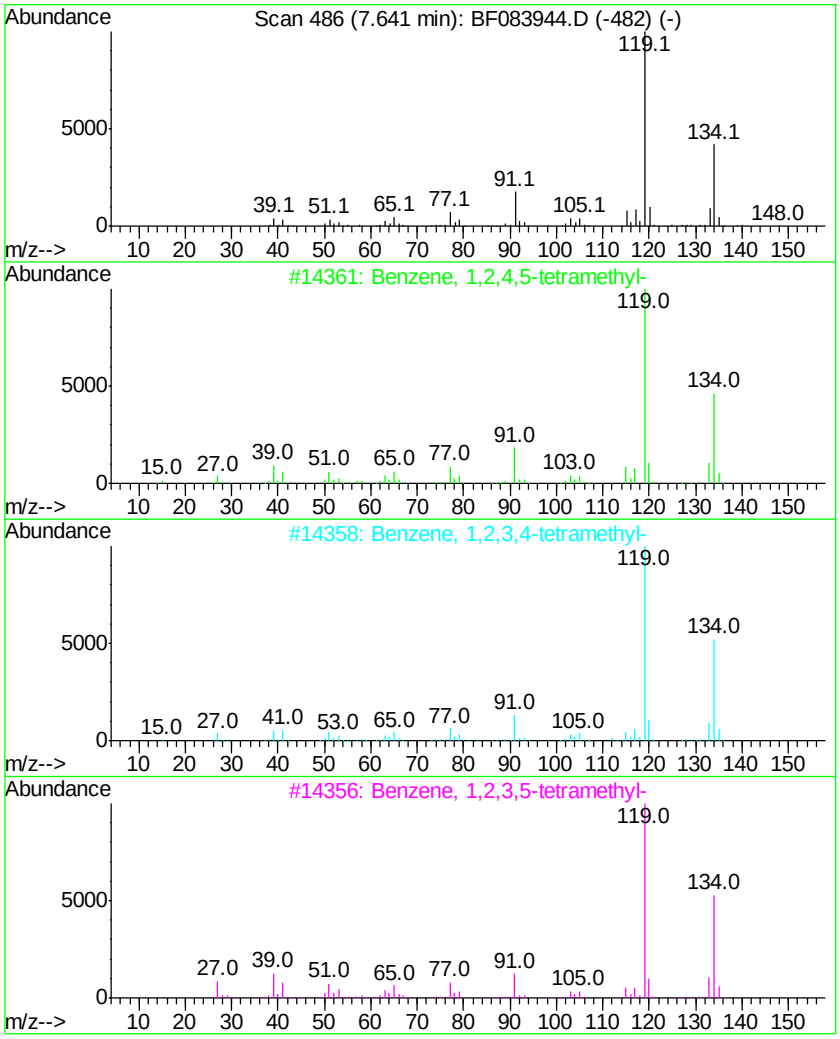
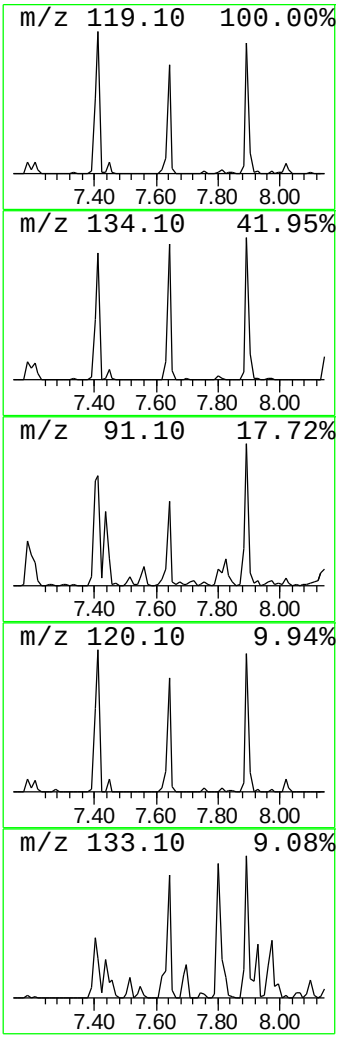
Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	14.51 ng	616816	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	91





Library Search Compound Report

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Data File : BF083944.D
Acq On : 19 Dec 2015 6:06
Operator : UM/SJ
Sample : G4840-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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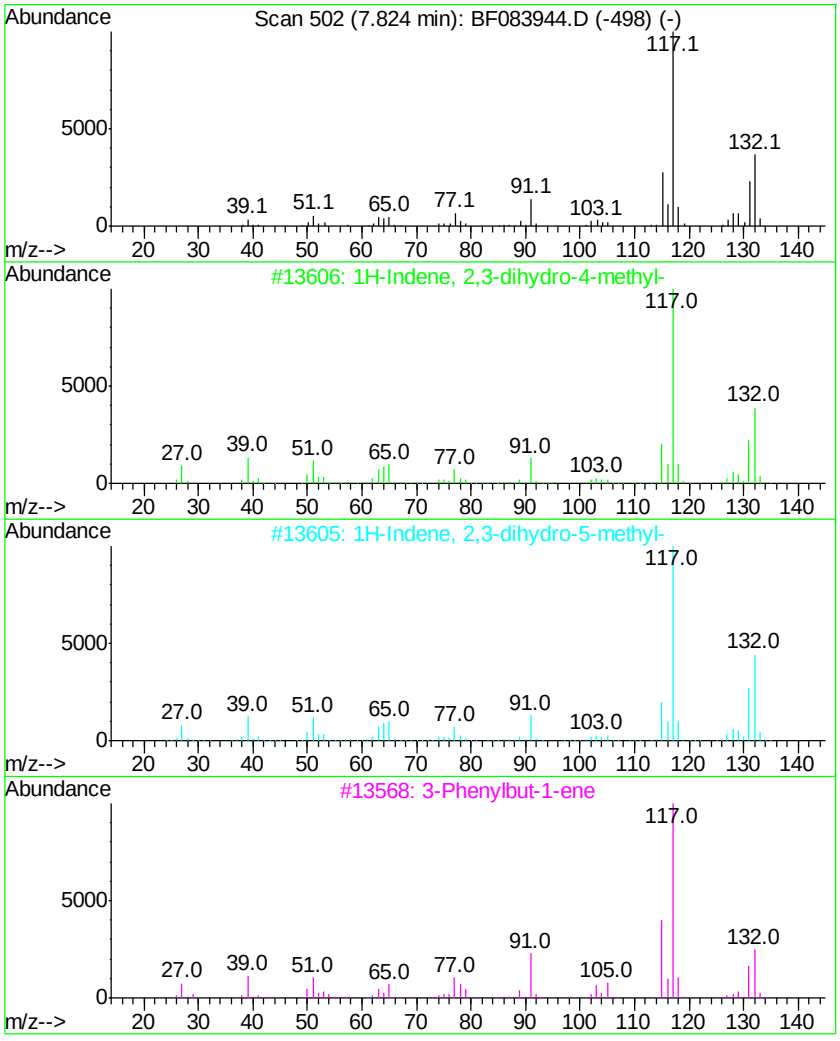
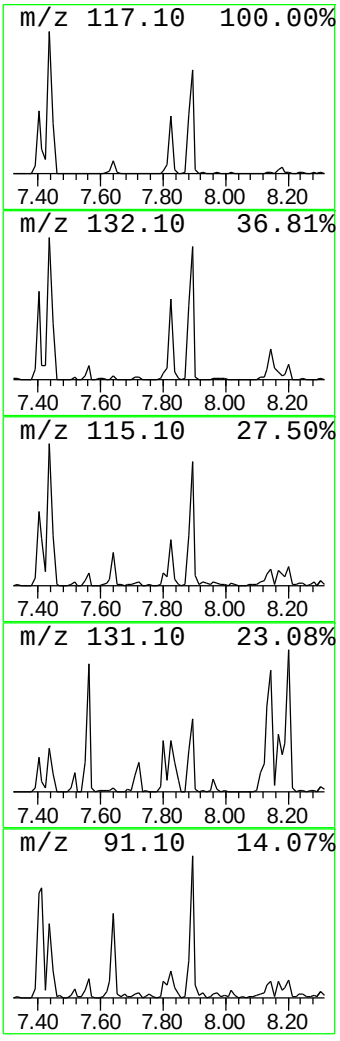
Peak Number 10 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	10.17 ng	432244	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	Indan, 1-methyl-	132	C10H12	000767-58-8	81





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Acq On : 19 Dec 2015 6:06
Operator : UM/SJ
Sample : G4840-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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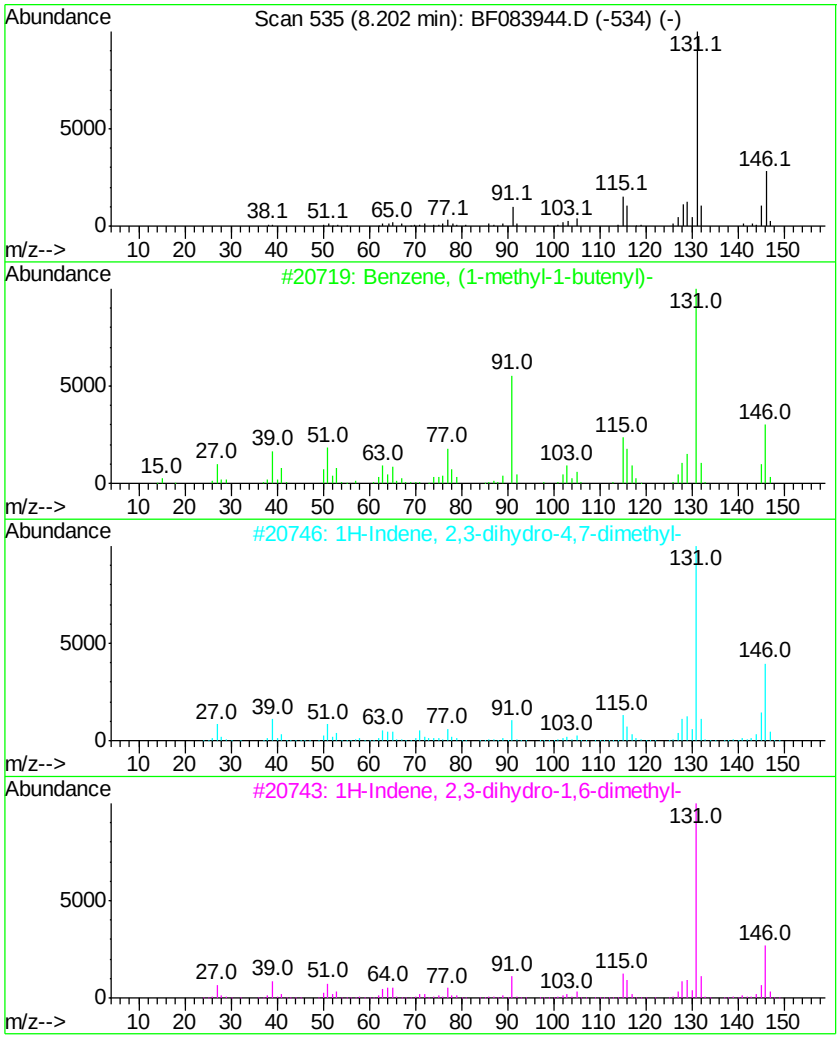
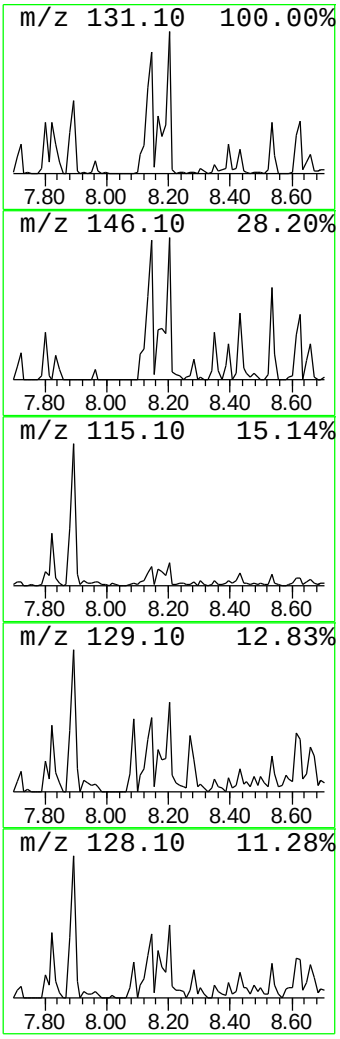
Peak Number 12 Benzene, (1-methyl-1-butenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	3.11 ng	132390	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	95
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	91
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91





Library Search Compound Report

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Data File : BF083944.D
Acq On : 19 Dec 2015 6:06
Operator : UM/SJ
Sample : G4840-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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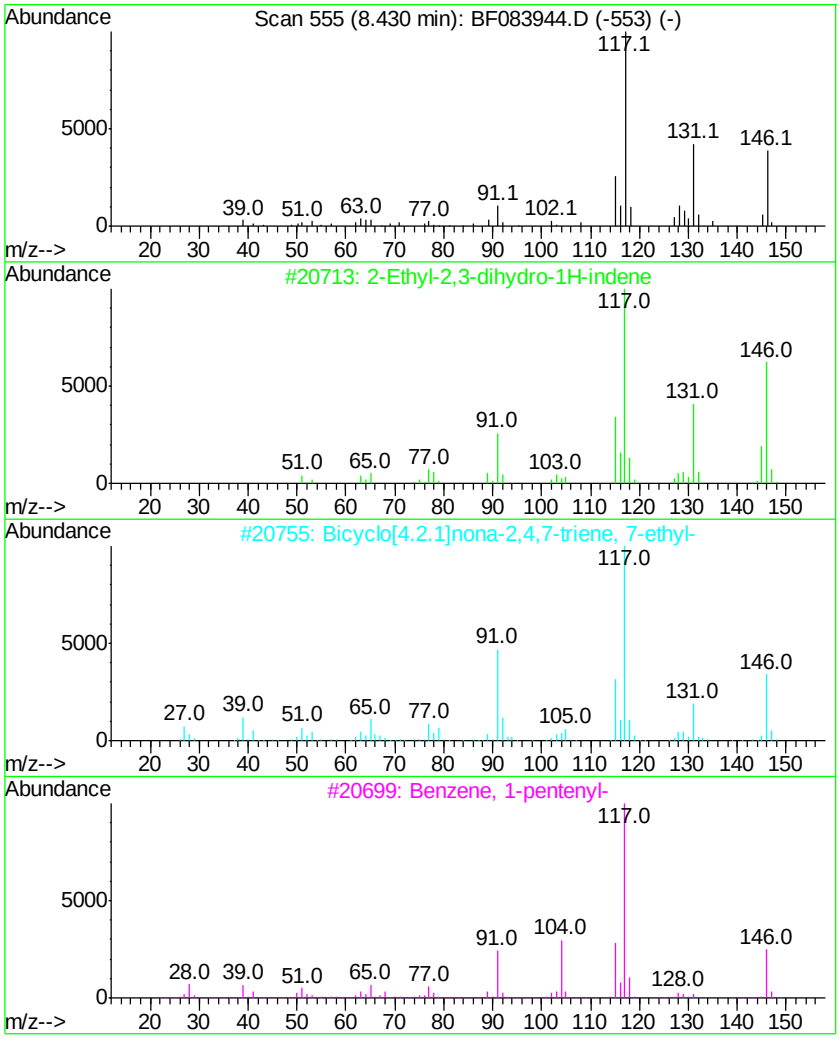
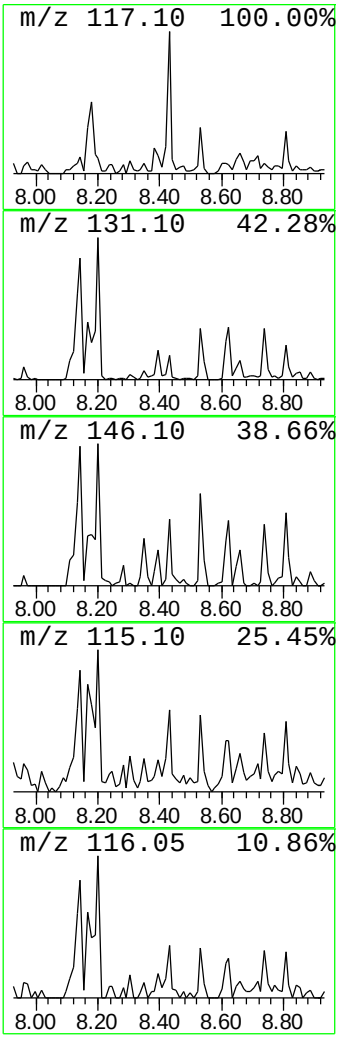
Peak Number 13 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	2.77 ng	117599	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	86
2	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	59
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	53
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	53
5	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	52





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Acq On : 19 Dec 2015 6:06
Operator : UM/SJ
Sample : G4840-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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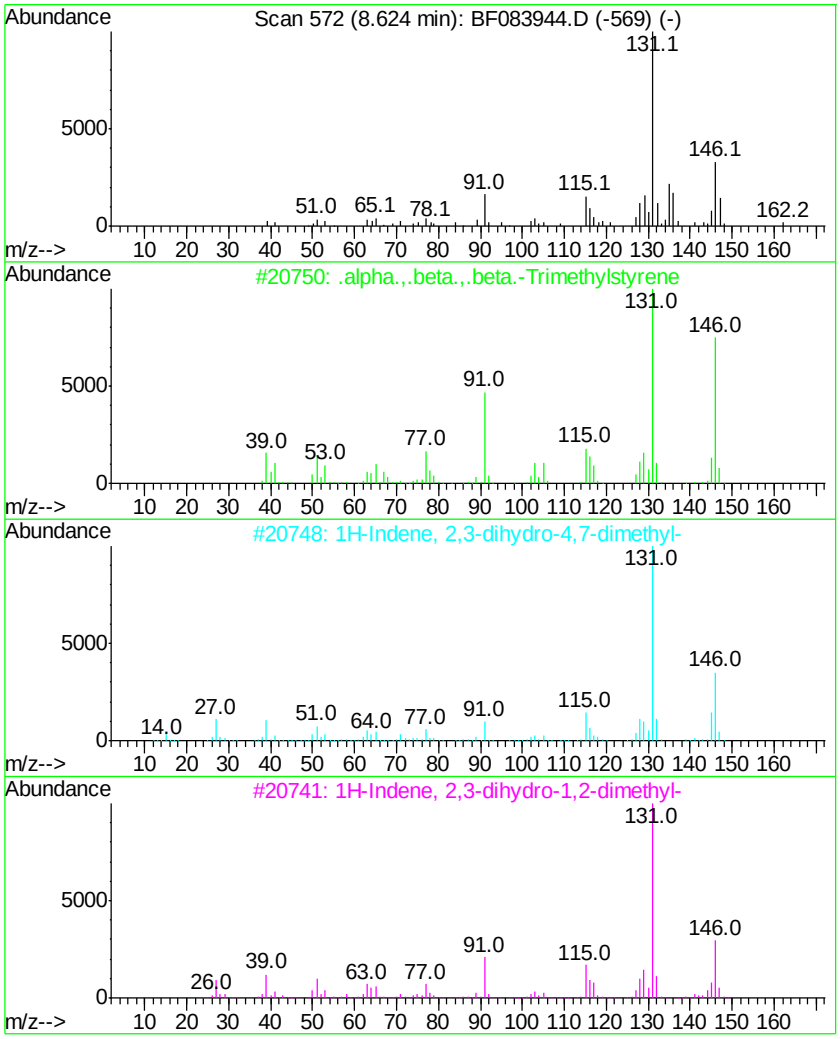
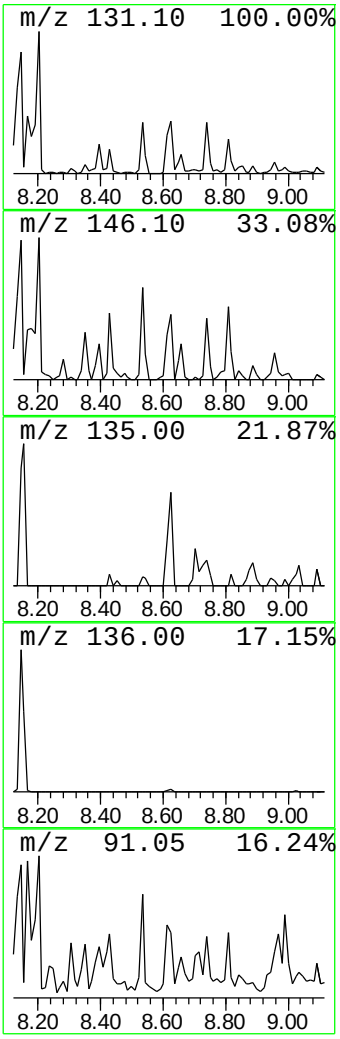
Peak Number 14 .alpha.,.beta.,.beta.-Trime... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	3.00 ng	127523	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	90
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	89
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083944.D
Acq On : 19 Dec 2015 6:06
Operator : UM/SJ
Sample : G4840-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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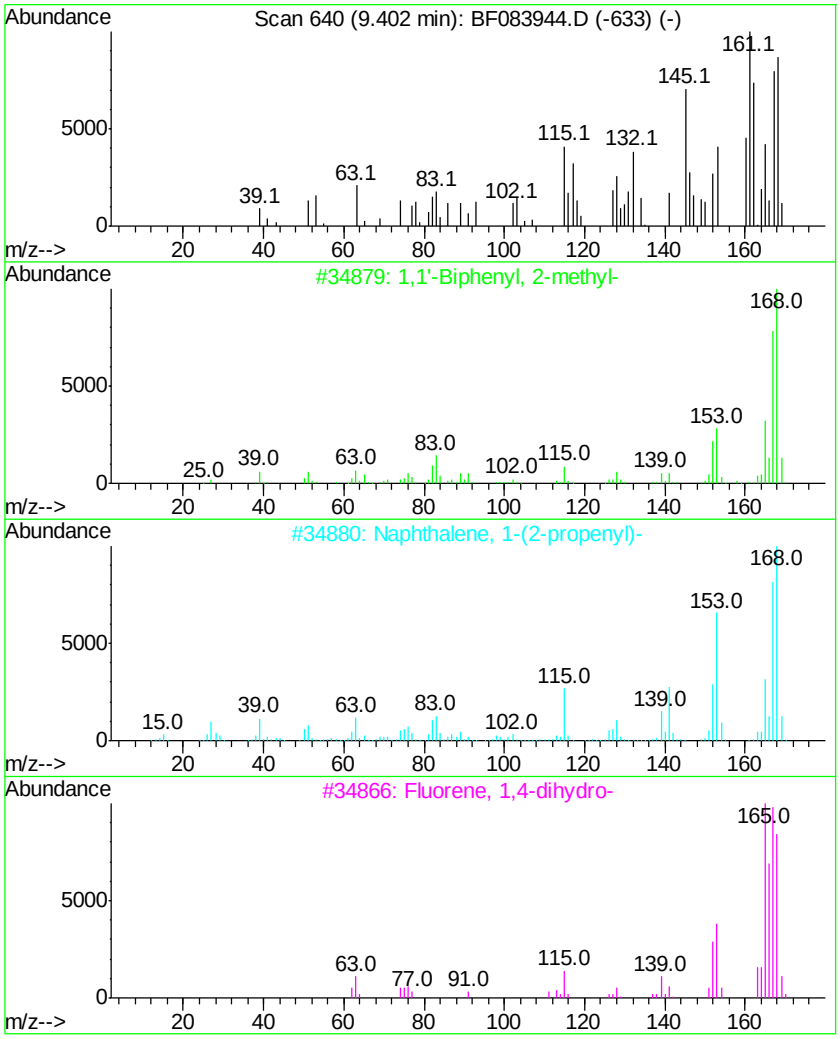
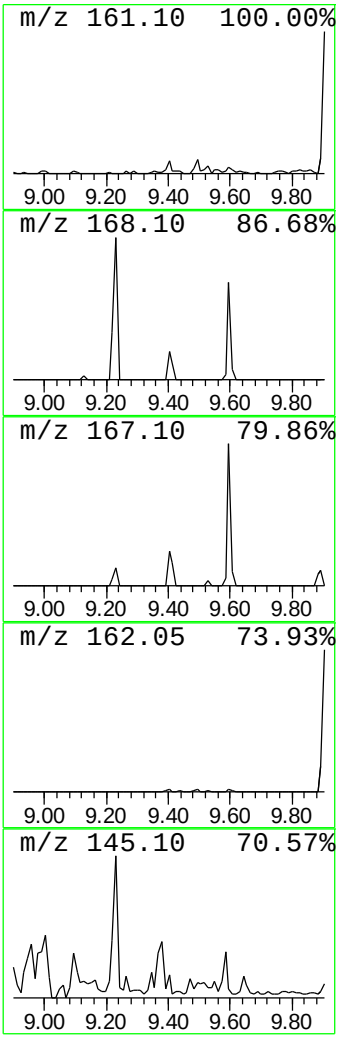
Peak Number 16 unknown9.40 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	2.67 ng	90161	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	42
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	30
3	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	30
4	Nordiphenamid	225	C15H15NO	000954-21-2	27
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	25





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Acq On : 19 Dec 2015 6:06
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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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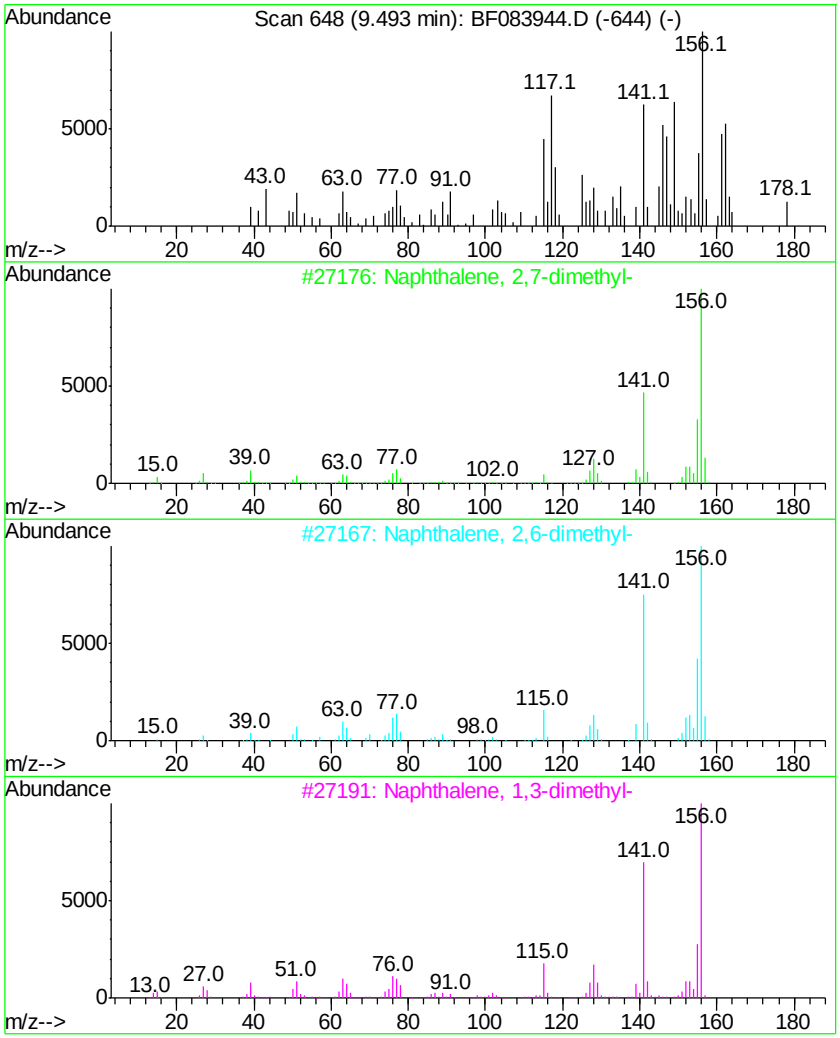
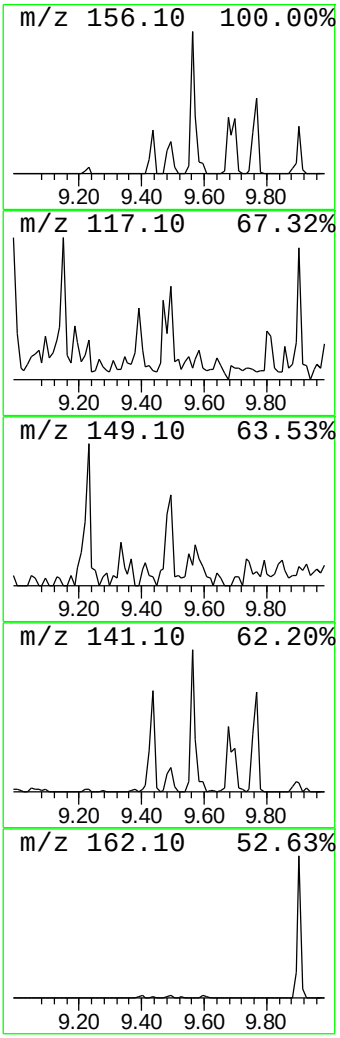
Peak Number 17 Naphthalene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	4.01 ng	135109	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	78
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	78
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	74
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	72
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	70





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Acq On : 19 Dec 2015 6:06
Operator : UM/SJ
Sample : G4840-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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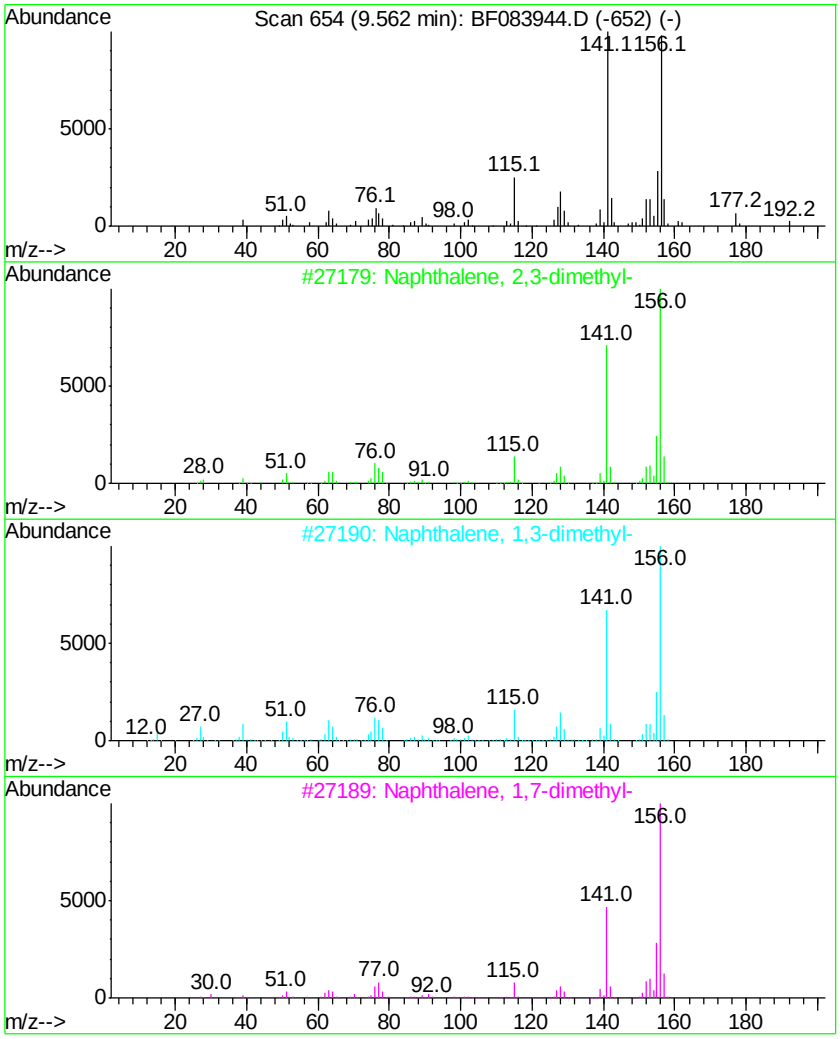
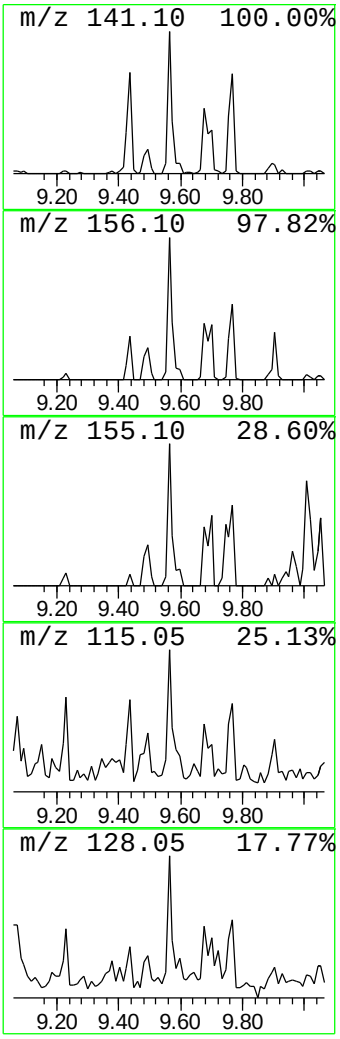
Peak Number 18 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	4.45 ng	150031	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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Sample : G4840-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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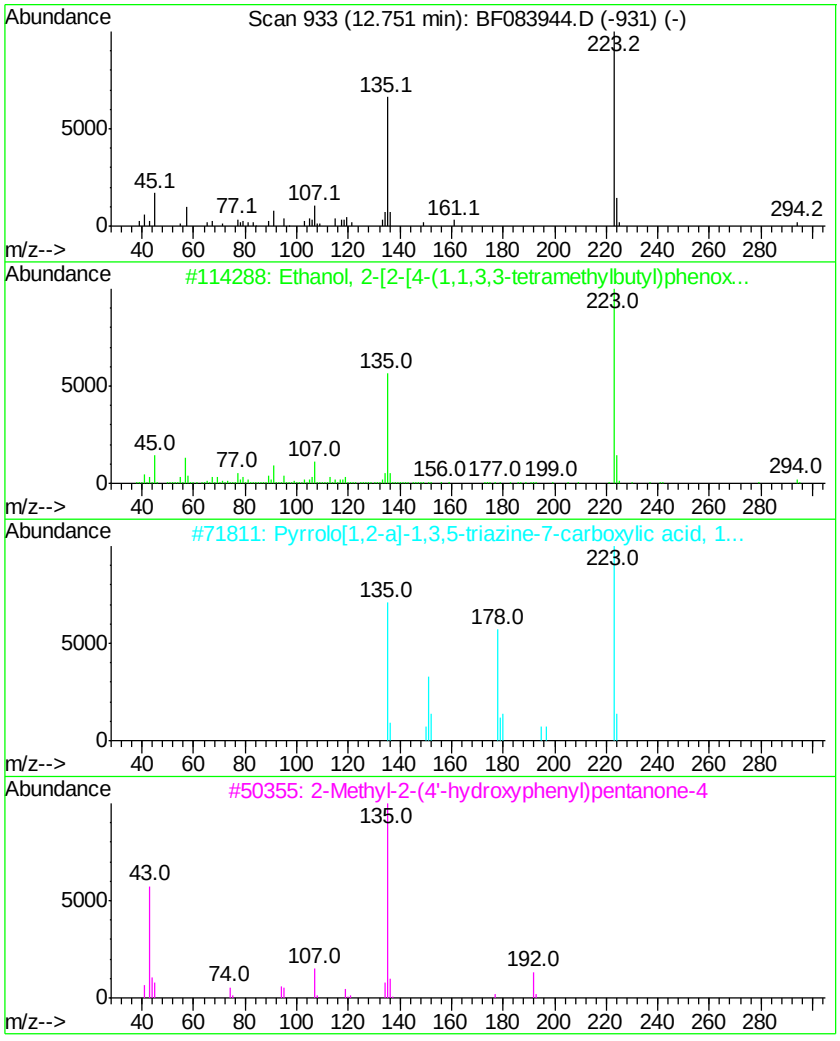
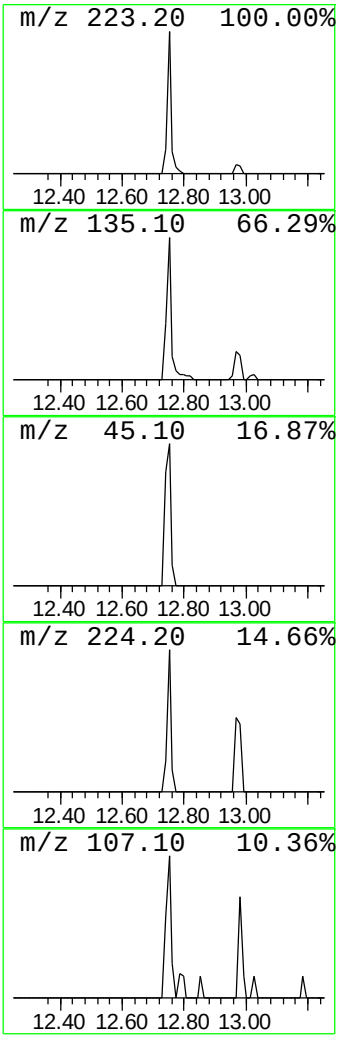
Peak Number 20 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	3.05 ng	64828	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	96
2	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	90
3	2-Methyl-2-(4'-hydroxyphenyl)pen...	192	C12H16O2	070205-18-4	27
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	27
5	Propargite	350	C19H26O4S	002312-35-8	16





Tentatively Identified Compound (LSC) summary

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Data File : BF083944.D
Acq On : 19 Dec 2015 6:06
Operator : UM/SJ
Sample : G4840-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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...	5.05	8.0	ng	161962	1	6.86	405675	20.0
Benzene, (1-methy...	6.03	8.9	ng	180643	1	6.86	405675	20.0
unknown6.64	6.64	78.2	ng	1586710	1	6.86	405675	20.0
unknown7.05	7.05	4.8	ng	96871	1	6.86	405675	20.0
Benzene, 1,3-diet...	7.12	4.0	ng	80806	1	6.86	405675	20.0
Benzene, 1,2-diet...	7.18	13.9	ng	281808	1	6.86	405675	20.0
1H-Indene, 2,3-di...	7.56	3.2	ng	134544	2	8.14	850312	20.0
Benzene, 1,2,4,5-...	7.64	14.5	ng	616816	2	8.14	850312	20.0
1H-Indene, 2,3-di...	7.82	10.2	ng	432244	2	8.14	850312	20.0
Benzene, (1-methy...	8.20	3.1	ng	132390	2	8.14	850312	20.0
2-Ethyl-2,3-dihyd...	8.43	2.8	ng	117599	2	8.14	850312	20.0
.alpha.,.beta.,.b...	8.62	3.0	ng	127523	2	8.14	850312	20.0
unknown9.40	9.40	2.7	ng	90161	3	9.90	674208	20.0
Naphthalene, 2,7-...	9.49	4.0	ng	135109	3	9.90	674208	20.0
Naphthalene, 2,3-...	9.56	4.5	ng	150031	3	9.90	674208	20.0
Ethanol, 2-[2-[4-...	12.75	3.0	ng	64828	5	14.02	425492	20.0