LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088165.D
Acq On : 19 Jun 2016 6:40
Operator : UM/SJ
Sample : H3628-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-40

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-BF060716.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	1.781	15	17	41	rVB	225469	362197	15.58%	2.024%
2	4.833	282	284	289	rBV	46608	61734	2.65%	0.345%
3	4.913	289	291	295	rVB	30745	33567	1.44%	0.188%
4	5.279	321	323	326	rBV	1140316	1102738	47.42%	6.161%
5	6.342	413	416	418	rBV	619878	751819	32.33%	4.200%
6	6.456	424	426	428	rBV	1952687	1812708	77.95%	10.127%
7	6.627	438	441	444	rBV2	19600	34462	1.48%	0.193%
8	6.685	444	446	448	rBV	645061	561376	24.14%	3.136%
9	6.845	457	460	462	rBV	1768792	1888359	81.20%	10.550%
10	7.222	488	493	494	rBV3	14392	35515	1.53%	0.198%
11	7.256	494	496	498	rVV	1367725	1390624	59.80%	7.769%
12	7.336	501	503	504	rVB2	25618	31345	1.35%	0.175%
13	7.439	510	512	516	rVB2	25259	36186	1.56%	0.202%
14	7.496	516	517	520	rBV2	17623	24874	1.07%	0.139%
15	7.645	526	530	532	rVB3	14055	26685	1.15%	0.149%
16	7.725	532	537	540	rBV3	18015	65211	2.80%	0.364%
17	7.907	550	553	556	rBV4	17898	35424	1.52%	0.198%
18	7.976	556	559	561	rVV	506281	671316	28.87%	3.751%
19	8.022	561	563	566	rVB3	17377	26771	1.15%	0.150%
20	8.216	578	580	582	rVB3	22584	25311	1.09%	0.141%
21	8.319	588	589	590	rBV	20631	25948	1.12%	0.145%
22	8.353	590	592	595	rVV2	37132	51141	2.20%	0.286%
23	8.445	595	600	603	rVV5	26951	71869	3.09%	0.402%
24	8.536	606	608	610	rVB	92604	89682	3.86%	0.501%
25	8.730	622	625	628	rBV3	29448	63111	2.71%	0.353%
26	8.810	630	632	635	rVB3	42522	58254	2.51%	0.325%
27	8.856	635	636	637	rBV	23647	27749	1.19%	0.155%
28	8.936	640	643	645	rVV4	33881	85428	3.67%	0.477%
29	9.005	647	649	650	rVV2	57583	89618	3.85%	0.501%
30	9.050	650	653	655	rVV	2444502	2325457	100.00%	12.992%
31	9.096	656	657	659	rVB2	37845	33093	1.42%	0.185%
32	9.233	668	669	672	rVB2	35336	31686	1.36%	0.177%
33	9.393	681	683	684	rVB2	43819	53944	2.32%	0.301%
34	9.450	687	688	691	rBV3	17831	29900	1.29%	0.167%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : W-40

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.519	691	694	698	rVV2	56186	127501	5.48%	0.712%
36	9.576	698	699	703	rVV4	29306	52778	2.27%	0.295%
37	9.725	709	712	713	rBV	565776	642996	27.65%	3.592%
38	9.748	713	714	717	rVB3	43297	49639	2.13%	0.277%
39	9.896	724	727	729	rBV4	18947	50080	2.15%	0.280%
40	9.988	733	735	737	rVV3	19523	30700	1.32%	0.172%
41	10.033	737	739	741	rVV2	43081	64561	2.78%	0.361%
42	10.079	741	743	747	rVB4	33483	64564	2.78%	0.361%
43	10.216	753	755	757	rBV2	26260	29879	1.28%	0.167%
44	10.376	767	769	771	rBV2	42551	46765	2.01%	0.261%
45	10.468	775	777	778	rBV	84094	100870	4.34%	0.564%
46	10.513	778	781	783	rBV	1050253	1154244	49.64%	6.449%
47	10.628	789	791	795	rVB4	18543	35891	1.54%	0.201%
48	11.074	826	830	832	rBV4	19615	41839	1.80%	0.234%
49	11.199	839	841	843	rBV	625969	525900	22.61%	2.938%
50	12.674	968	970	977	rVB	25217	36757	1.58%	0.205%
51	12.788	977	980	982	rBV	1696406	1929225	82.96%	10.778%
52	13.828	1069	1071	1074	rBV	543879	500722	21.53%	2.797%
53	15.211	1189	1192	1202	rVB	309677	399280	17.17%	2.231%

Sum of corrected areas: 17899293

LSC Report - Integrated Chromatogram

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Data File : BF088165.D
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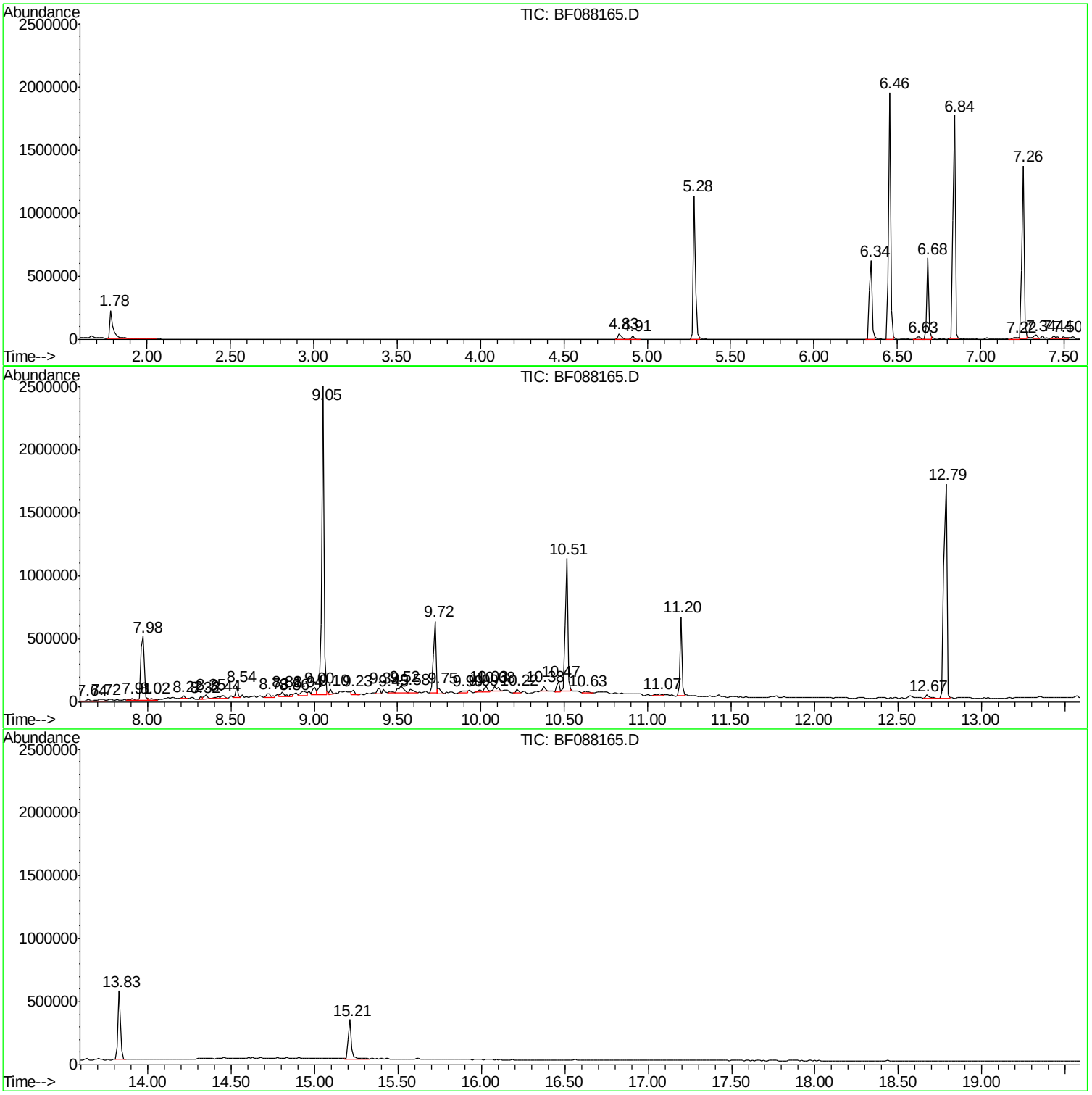
Operator : UM/SJ
Sample : H3628-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088165.D
Acq On : 19 Jun 2016 6:40
Operator : UM/SJ
Sample : H3628-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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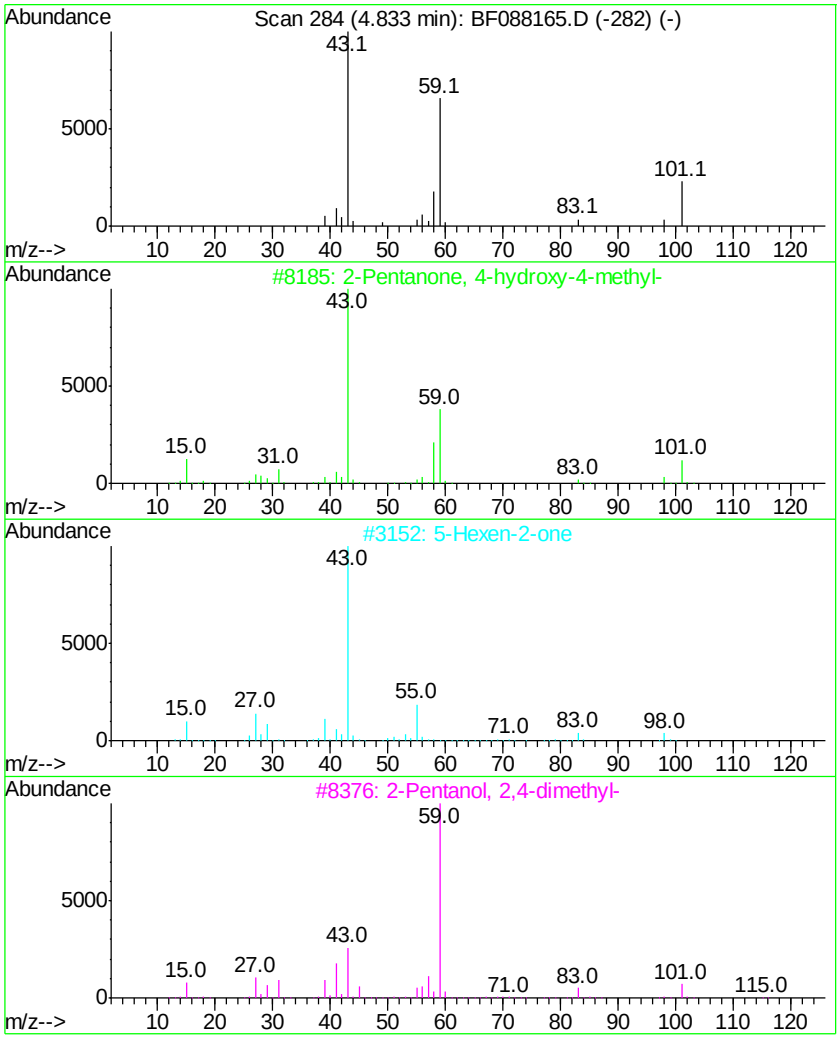
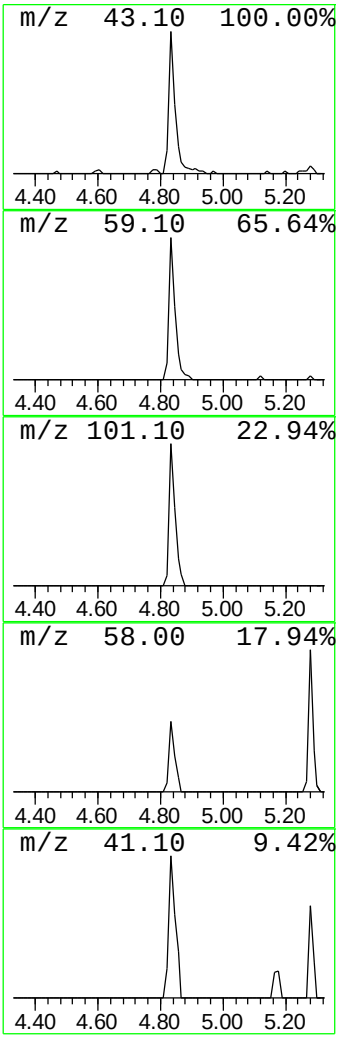
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	2.20 ng	61734	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088165.D
Acq On : 19 Jun 2016 6:40
Operator : UM/SJ
Sample : H3628-10
Misc :
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Instrument : BNA_F
ClientSampleId : W-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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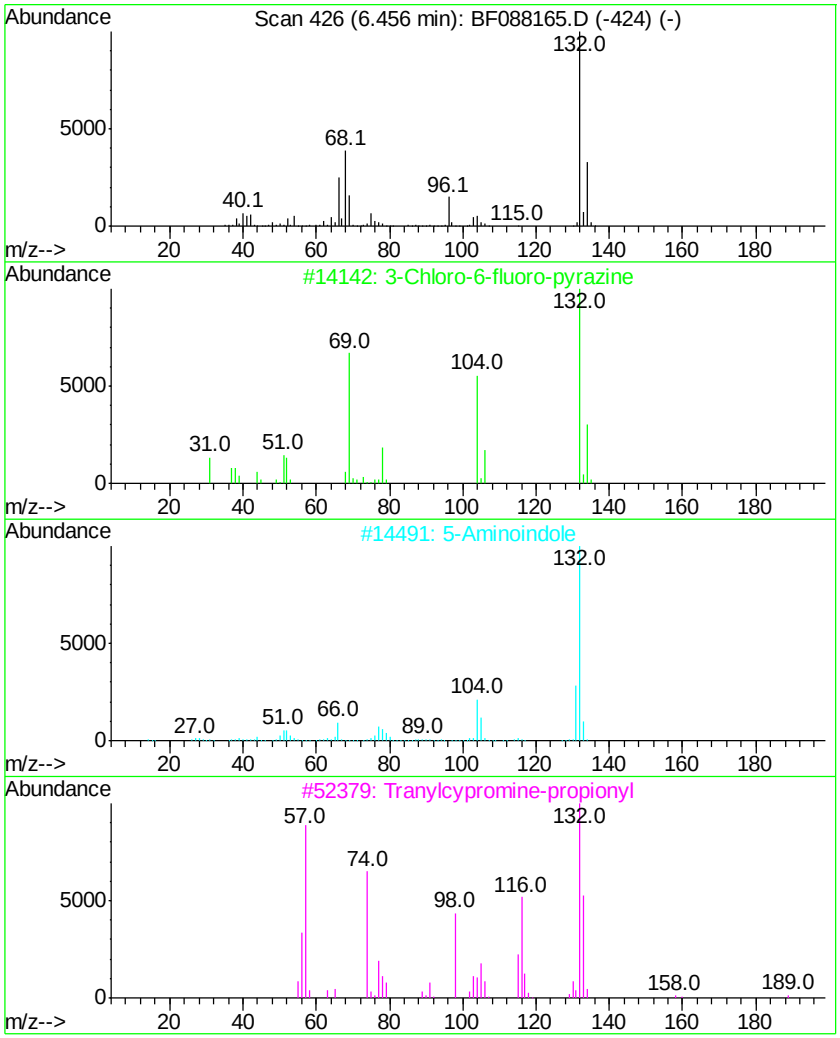
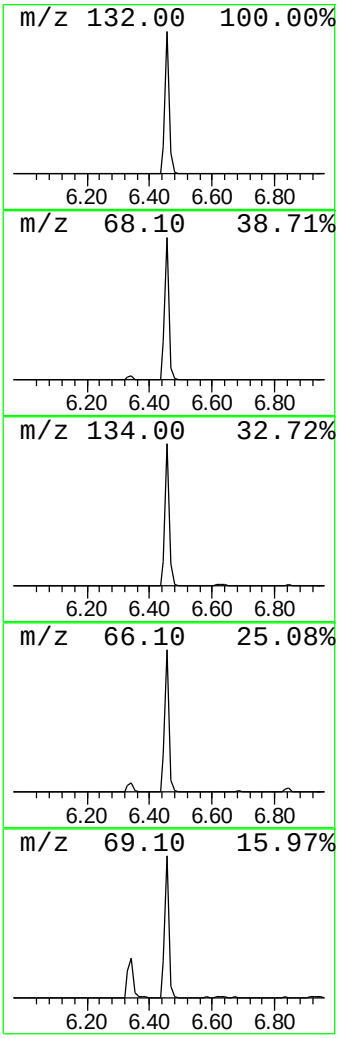
Peak Number 3 unknown6.46 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	64.58 ng	1812710	1,4-Dichlorobenzene-d4	6.68

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	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088165.D
Acq On : 19 Jun 2016 6:40
Operator : UM/SJ
Sample : H3628-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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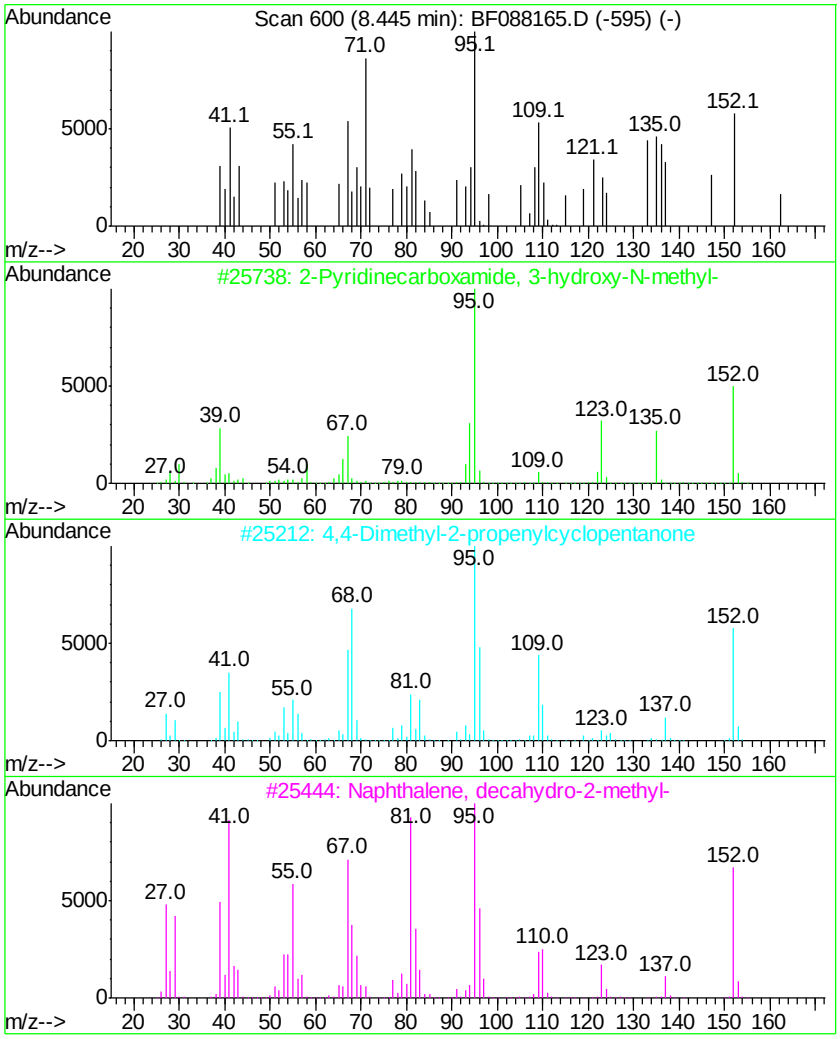
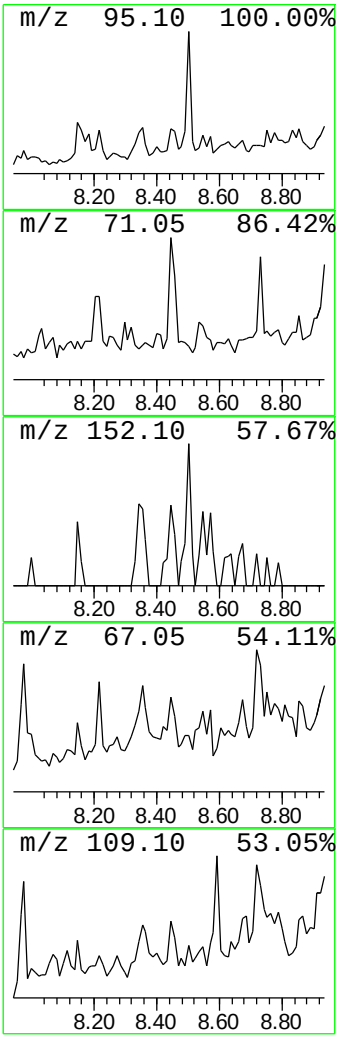
Peak Number 5 unknown8.44 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	2.14 ng	71869	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyridinecarboxamide, 3-hydroxy...	152	C7H8N2O2	001196-30-1	27
2	4,4-Dimethyl-2-propenylcyclopent...	152	C10H16O	068261-88-1	27
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	25
4	1,3-Hexadiene, 2,5-dimethyl-	110	C8H14	029253-64-3	25
5	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	22





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Instrument : BNA_F
ClientSampleId : W-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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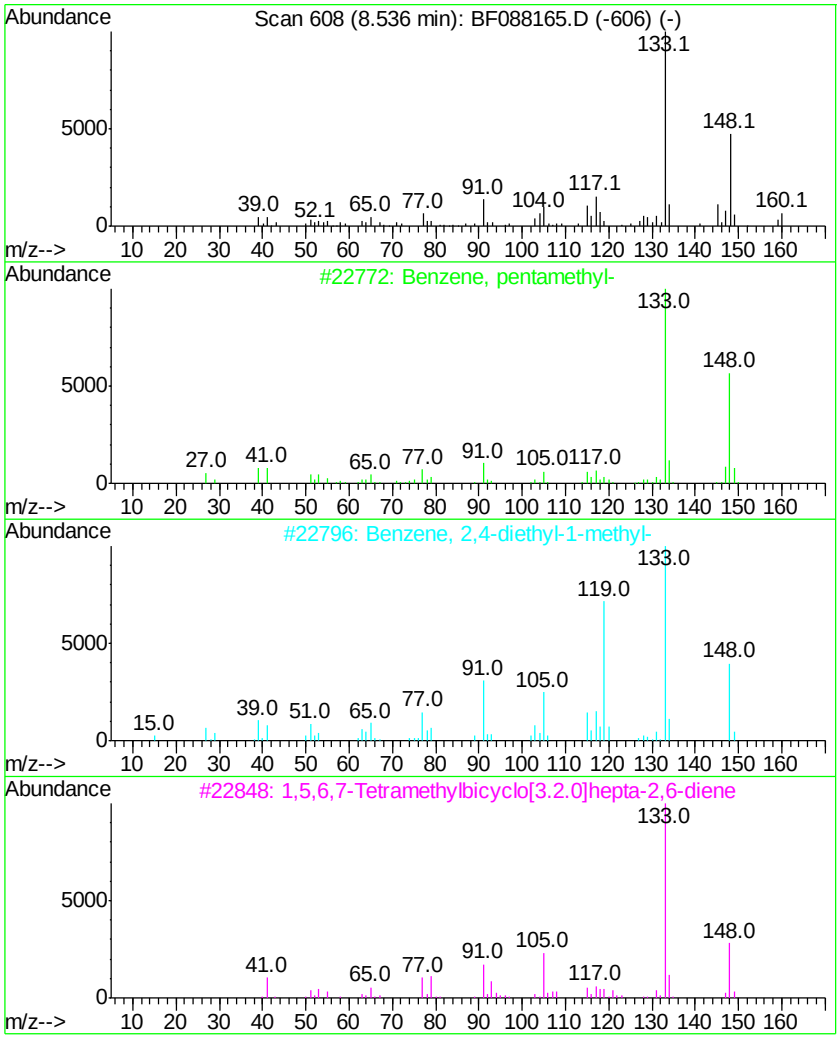
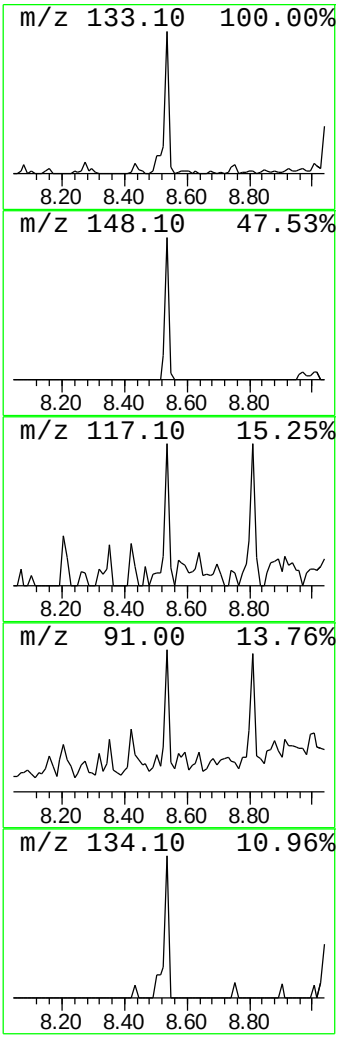
Peak Number 6 Benzene, pentamethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	2.67 ng	89682	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	87
3	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	83
4	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	83
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	83





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : W-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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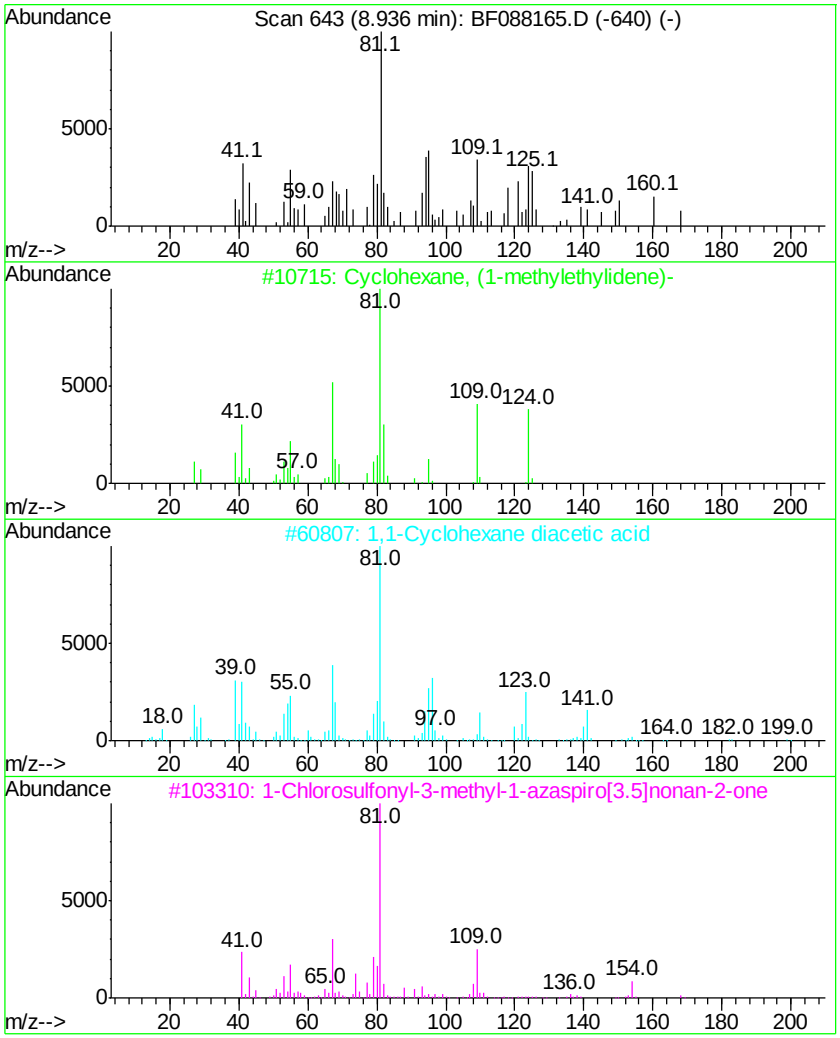
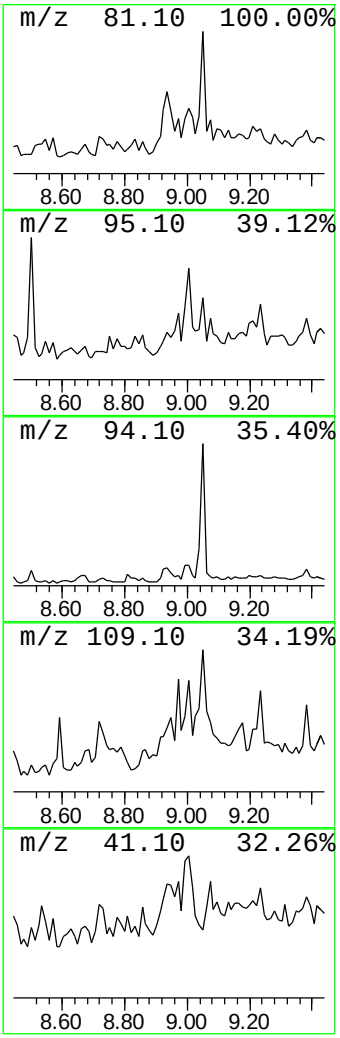
Peak Number 7 unknown8.94 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	2.66 ng	85428	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	37
2	1,1-Cyclohexane diacetic acid	200	C10H16O4	009355-11-7	37
3	1-Chlorosulfonyl-3-methyl-1-azas...	251	C9H14ClNO3S	016933-89-4	35
4	Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	32
5	Cyclohexene, 3-(1-methylethyl)-	124	C9H16	003983-08-2	32





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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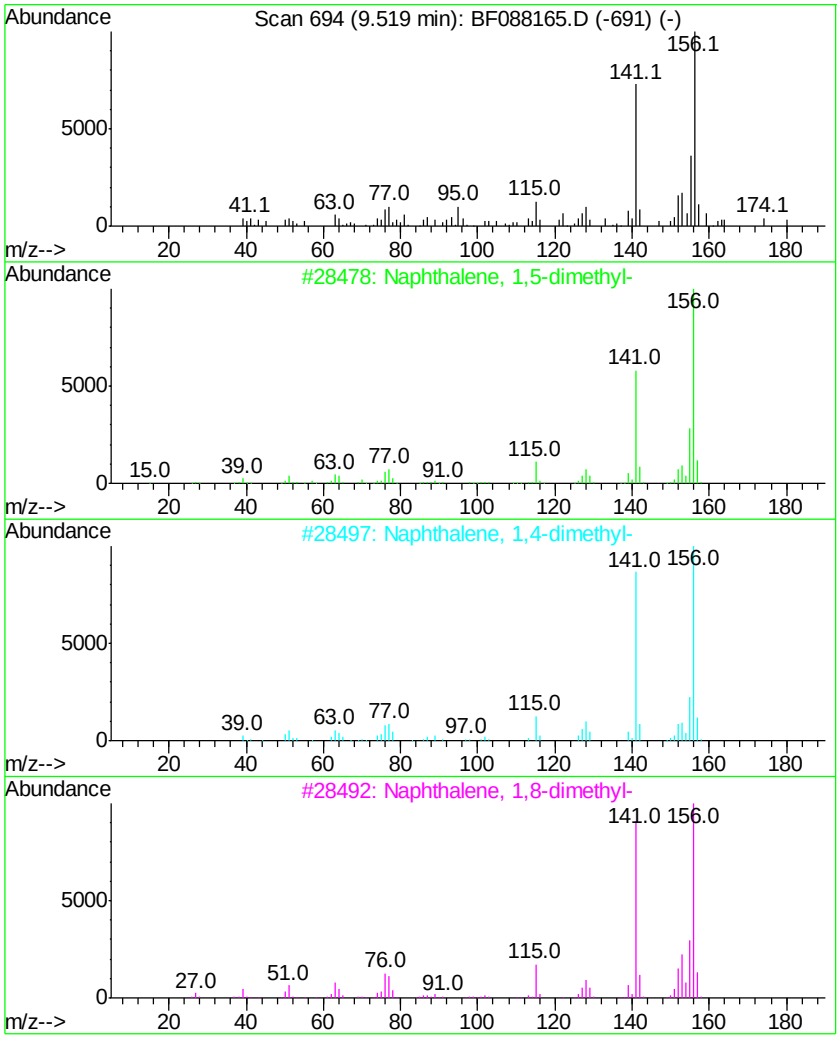
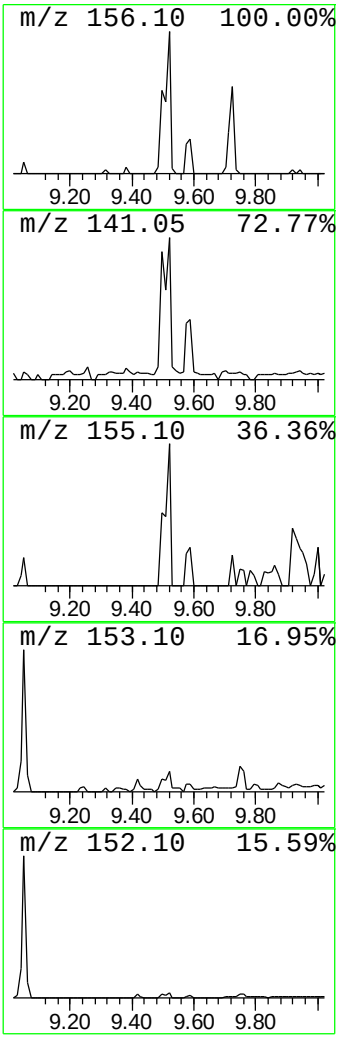
Peak Number 8 Naphthalene, 1,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	3.97 ng	127501	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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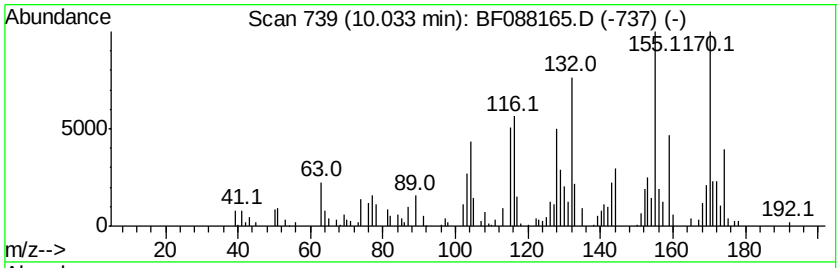
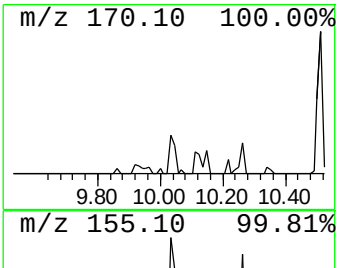
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	2.01 ng	64561	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	56
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	42
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088165.D
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Operator : UM/SJ
Sample : H3628-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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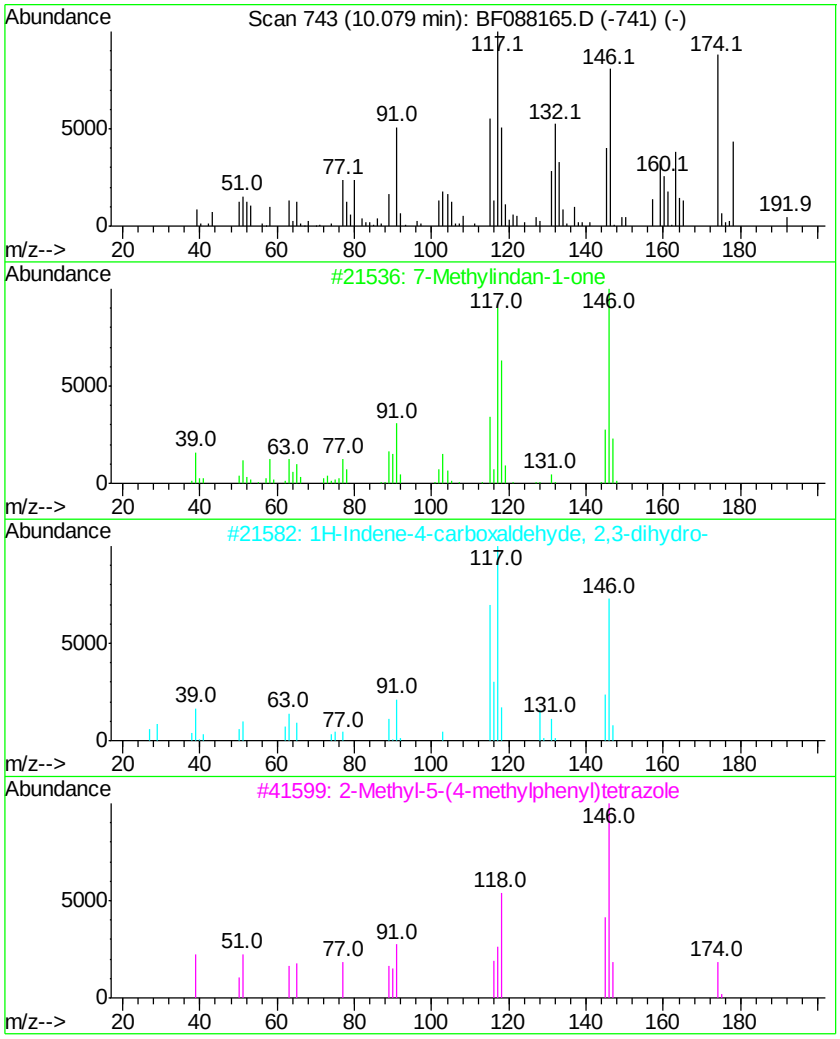
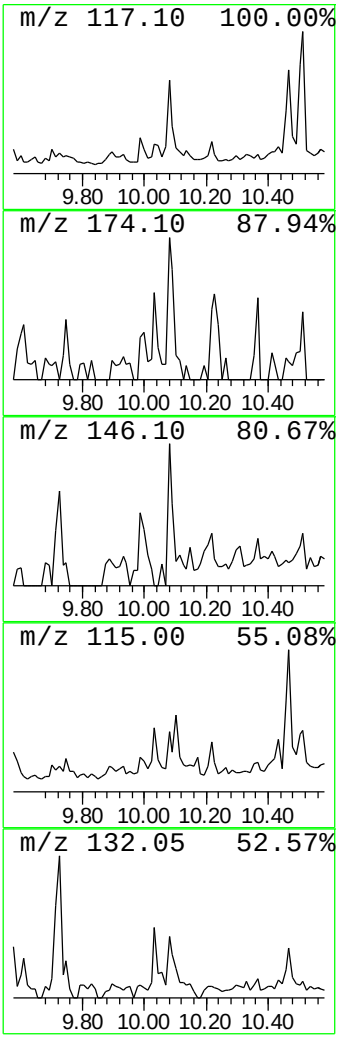
Peak Number 10 unknown10.08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	2.01 ng	64564	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylindan-1-one	146	C10H10O	039627-61-7	41
2	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	30
3	2-Methyl-5-(4-methylphenyl)tetra...	174	C9H10N4	038446-87-6	30
4	Indane	118	C9H10	000496-11-7	25
5	1,2-Dihydro-1,3-dimethyl-2-oxoqu...	174	C10H10N2O	003149-25-5	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
Data File : BF088165.D
Acq On : 19 Jun 2016 6:40
Operator : UM/SJ
Sample : H3628-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.83	2.2	ng	61734	1	6.68	561376	20.0
unknown6.46	6.46	64.6	ng	1812710	1	6.68	561376	20.0
unknown8.44	8.44	2.1	ng	71869	2	7.98	671316	20.0
Benzene, pentamet...	8.54	2.7	ng	89682	2	7.98	671316	20.0
unknown8.94	8.94	2.7	ng	85428	3	9.72	642996	20.0
Naphthalene, 1,5-...	9.52	4.0	ng	127501	3	9.72	642996	20.0
Naphthalene, 2,3,...	10.03	2.0	ng	64561	3	9.72	642996	20.0
unknown10.08	10.08	2.0	ng	64564	3	9.72	642996	20.0