LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
Data File : BF088121.D
Acq On : 18 Jun 2016 5:31
Operator : UM/SJ
Sample : H3574-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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	1.678	6	8	16	rVB	111192	217211	8.61%	0.429%
2	1.792	16	18	54	rVB	1256093	2521690	100.00%	4.981%
3	2.661	92	94	97	rBV	29777	56416	2.24%	0.111%
4	2.707	97	98	105	rVB	23214	38472	1.53%	0.076%
5	4.044	212	215	217	rBV	28262	43688	1.73%	0.086%
6	4.844	282	285	288	rVB	49077	73109	2.90%	0.144%
7	4.924	288	292	294	rBV2	50762	94829	3.76%	0.187%
8	5.130	307	310	313	rBV	17349	30332	1.20%	0.060%
9	5.176	313	314	317	rVB	27600	31863	1.26%	0.063%
10	5.290	322	324	331	rVB	872518	922130	36.57%	1.821%
11	5.393	331	333	336	rBV3	30431	45170	1.79%	0.089%
12	5.450	336	338	342	rVV3	38576	64887	2.57%	0.128%
13	5.519	342	344	346	rVV2	21280	45314	1.80%	0.090%
14	5.587	349	350	352	rVB	51667	39561	1.57%	0.078%
15	5.724	359	362	368	rVB4	85654	131793	5.23%	0.260%
16	5.827	368	371	373	rBV2	28249	49988	1.98%	0.099%
17	5.919	377	379	380	rVB	91157	73207	2.90%	0.145%
18	5.964	380	383	385	rVB2	21556	41244	1.64%	0.081%
19	6.021	385	388	391	rVB2	33406	64597	2.56%	0.128%
20	6.090	391	394	398	rBV5	44524	143351	5.68%	0.283%
21	6.147	398	399	401	rVB	40129	38820	1.54%	0.077%
22	6.193	401	403	408	rBV	80276	135346	5.37%	0.267%
23	6.296	410	412	413	rBV	99816	95103	3.77%	0.188%
24	6.330	413	415	416	rBV	82783	81895	3.25%	0.162%
25	6.364	416	418	425	rBV	424665	673114	26.69%	1.330%
26	6.467	425	427	430	rBV	1440491	1600237	63.46%	3.161%
27	6.513	430	431	432	rBV	97257	68796	2.73%	0.136%
28	6.547	432	434	435	rBV	52545	65891	2.61%	0.130%
29	6.593	435	438	439	rBV2	46094	77370	3.07%	0.153%
30	6.627	439	441	442	rVB2	54646	49210	1.95%	0.097%
31	6.650	442	443	445	rVB	59249	66339	2.63%	0.131%
32	6.696	445	447	452	rBV	689853	760021	30.14%	1.501%
33	6.776	452	454	458	rVB	202626	267391	10.60%	0.528%
34	6.856	458	461	463	rBV	1851722	1958095	77.65%	3.868%

LSC Area Percent Report

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Acq On : 18 Jun 2016 5:31
Operator : UM/SJ
Sample : H3574-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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	6.902	463	465	468	rVB2	123061	114142	4.53%	0.225%
36	6.947	468	469	471	rVB2	144000	136518	5.41%	0.270%
37	6.993	471	473	475	rBV	46320	68255	2.71%	0.135%
38	7.039	475	477	480	rBV2	232938	342411	13.58%	0.676%
39	7.107	480	483	485	rBV3	69976	146023	5.79%	0.288%
40	7.142	485	486	487	rBV	152403	108887	4.32%	0.215%
41	7.222	490	493	495	rBV	245573	428972	17.01%	0.847%
42	7.267	495	497	499	rBV	1107013	1505517	59.70%	2.974%
43	7.347	502	504	506	rVB3	105884	186154	7.38%	0.368%
44	7.382	506	507	510	rVB2	153819	228013	9.04%	0.450%
45	7.427	510	511	514	rBV3	129879	169980	6.74%	0.336%
46	7.484	514	516	517	rVB	101420	133967	5.31%	0.265%
47	7.519	517	519	521	rBV3	142359	287571	11.40%	0.568%
48	7.564	521	523	525	rVB2	140792	241930	9.59%	0.478%
49	7.599	525	526	528	rBV2	93962	87233	3.46%	0.172%
50	7.667	528	532	533	rBV2	205034	468980	18.60%	0.926%
51	7.713	533	536	540	rBV5	333743	801432	31.78%	1.583%
52	7.804	542	544	549	rBV3	303074	791811	31.40%	1.564%
53	7.884	549	551	552	rBV2	143847	156234	6.20%	0.309%
54	7.930	552	555	557	rVB3	148277	262398	10.41%	0.518%
55	7.987	557	560	561	rBV	1145731	1322523	52.45%	2.612%
56	8.113	569	571	573	rVB2	239416	217303	8.62%	0.429%
57	8.147	573	574	575	rVB	122188	83821	3.32%	0.166%
58	8.227	577	581	583	rBV3	446178	886134	35.14%	1.750%
59	8.307	586	588	589	rBV2	170624	240916	9.55%	0.476%
60	8.342	589	591	595	rVB4	453510	1061937	42.11%	2.098%
61	8.433	595	599	600	rBV4	209693	539190	21.38%	1.065%
62	8.467	600	602	604	rBV3	321708	682034	27.05%	1.347%
63	8.662	616	619	620	rBV3	275764	580421	23.02%	1.146%
64	8.685	620	621	625	rVB4	812883	1396809	55.39%	2.759%
65	8.776	625	629	630	rBV3	740639	1608178	63.77%	3.176%
66	8.799	630	631	633	rVV2	455469	658520	26.11%	1.301%
67	8.856	633	636	637	rVB2	358491	580720	23.03%	1.147%
68	8.890	637	639	641	rBV2	361528	702157	27.84%	1.387%
69	8.947	642	644	647	rVV3	408090	949356	37.65%	1.875%
70	9.027	648	651	653	rVV2	984945	1869317	74.13%	3.692%
71	9.073	653	655	656	rVV	1804703	1955415	77.54%	3.862%

LSC Area Percent Report

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Acq On : 18 Jun 2016 5:31
Operator : UM/SJ
Sample : H3574-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.107	656	658	661	rVB3	772950	1145399	45.42%	2.262%
73	9.405	682	684	687	rVB3	523527	813883	32.28%	1.608%
74	9.485	688	691	692	rBV2	479464	832955	33.03%	1.645%
75	9.553	696	697	698	rBV	260689	317647	12.60%	0.627%
76	9.828	719	721	726	rVB5	434069	866418	34.36%	1.711%
77	10.102	743	745	747	rVB2	389912	454698	18.03%	0.898%
78	10.193	751	753	756	rBV	506639	1230813	48.81%	2.431%
79	10.330	762	765	770	rBV3	677334	1560647	61.89%	3.083%
80	10.548	782	784	785	rBV	373776	468300	18.57%	0.925%
81	10.639	789	792	794	rBV3	451079	975287	38.68%	1.926%
82	10.673	794	795	798	rVB3	520786	1023880	40.60%	2.022%
83	10.776	802	804	805	rBV	609929	678965	26.92%	1.341%
84	10.810	805	807	808	rBV	431512	375278	14.88%	0.741%
85	10.913	815	816	818	rVB2	735010	721740	28.62%	1.426%
86	10.959	818	820	822	rBV	451830	671226	26.62%	1.326%
87	11.142	833	836	841	rVV6	473108	1278756	50.71%	2.526%
88	11.233	841	844	848	rVB	587283	1156451	45.86%	2.284%
89	12.159	923	925	927	rVB	228390	260789	10.34%	0.515%
90	12.811	979	982	984	rVB	1534223	1878350	74.49%	3.710%
91	13.851	1070	1073	1075	rVB	477817	618737	24.54%	1.222%
92	15.222	1191	1193	1200	rVB	392546	630807	25.02%	1.246%

Sum of corrected areas: 50628685

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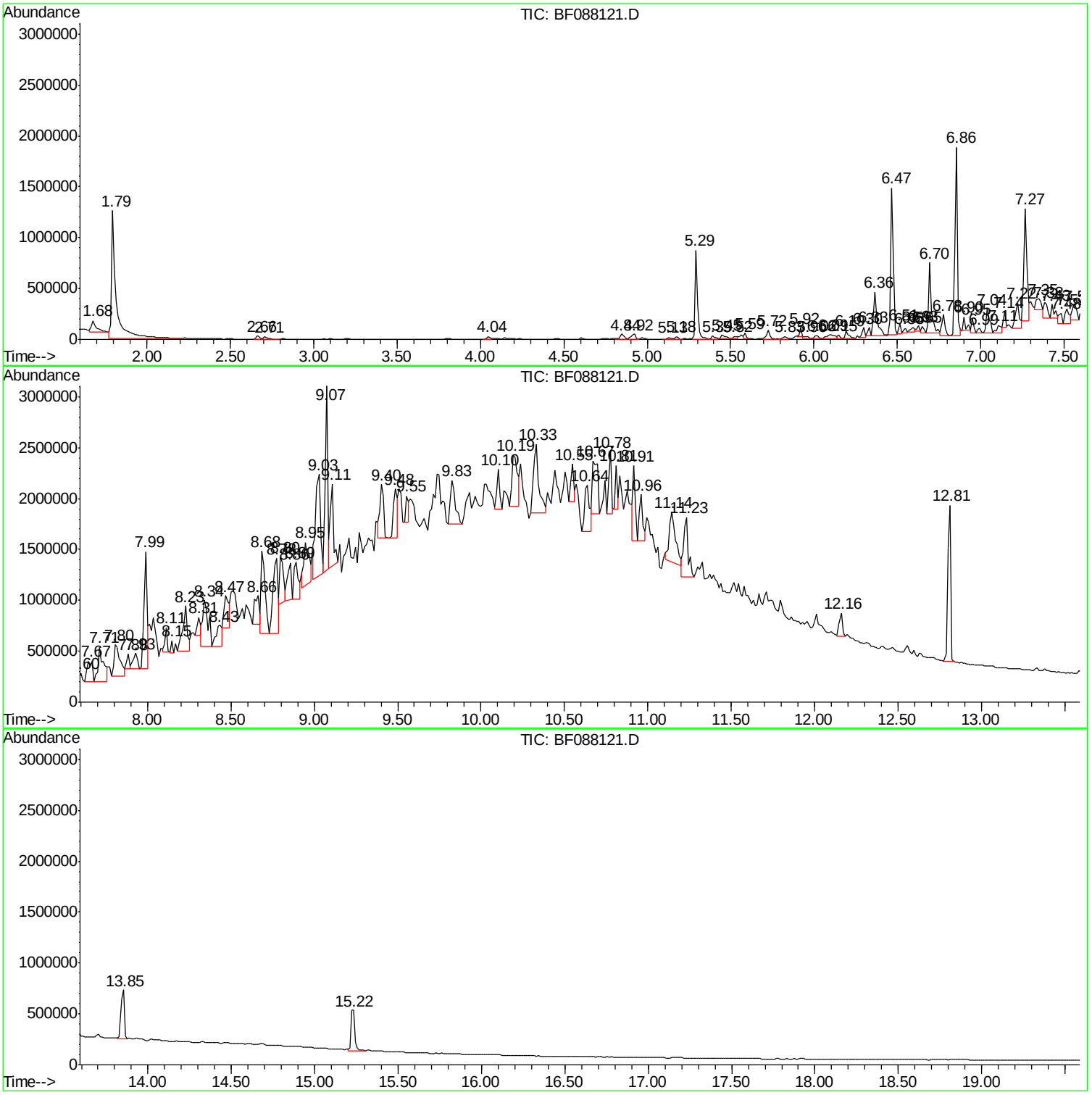
Operator : UM/SJ
Sample : H3574-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-03

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
Data File : BF088121.D
Acq On : 18 Jun 2016 5:31
Operator : UM/SJ
Sample : H3574-05
Misc :
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Instrument : BNA_F
ClientSampleId : MW-03

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

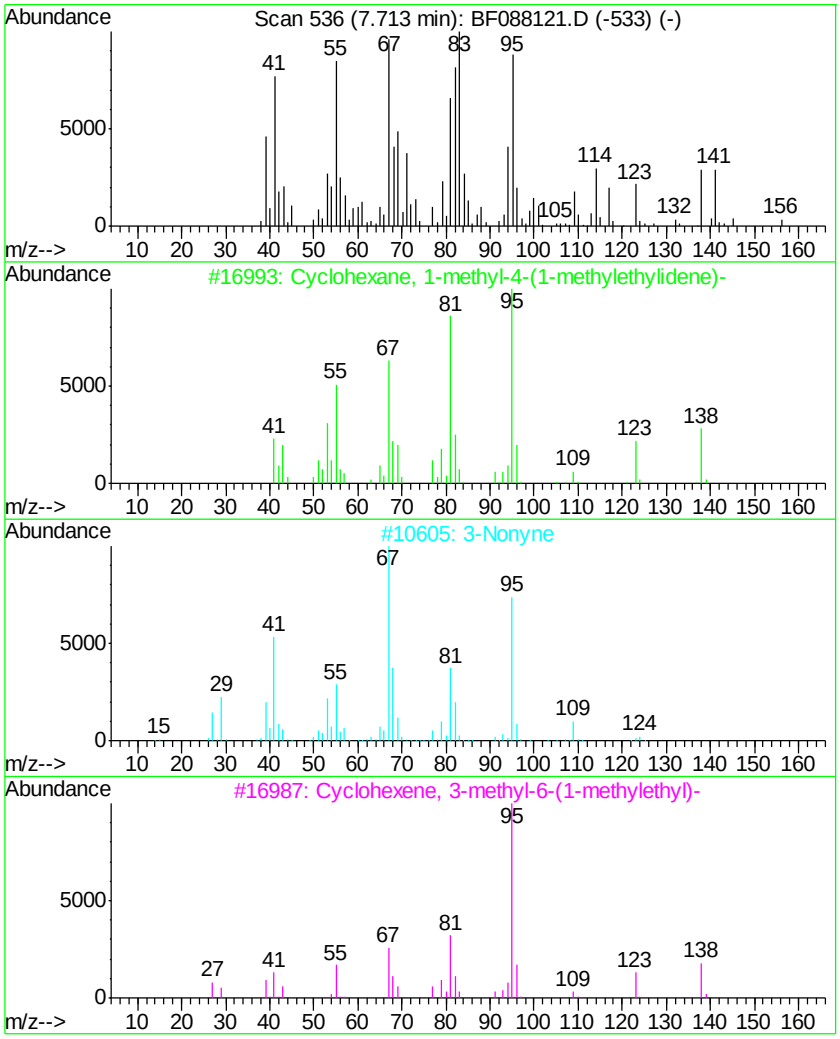
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

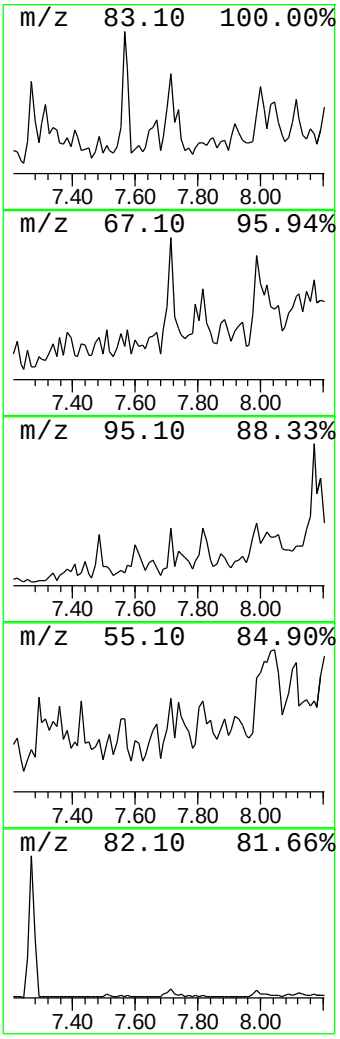
****

Peak Number 4 unknown7.71 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	12.12 ng	801432	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	42
2	3-Nonyne	124	C9H16	020184-89-8	30
3	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	30
4	3,5-Octadiene, 2,7-dimethyl-, (Z...	138	C10H18	028980-73-6	30
5	3-Hexyne	82	C6H10	000928-49-4	30





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
Data File : BF088121.D
Acq On : 18 Jun 2016 5:31
Operator : UM/SJ
Sample : H3574-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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

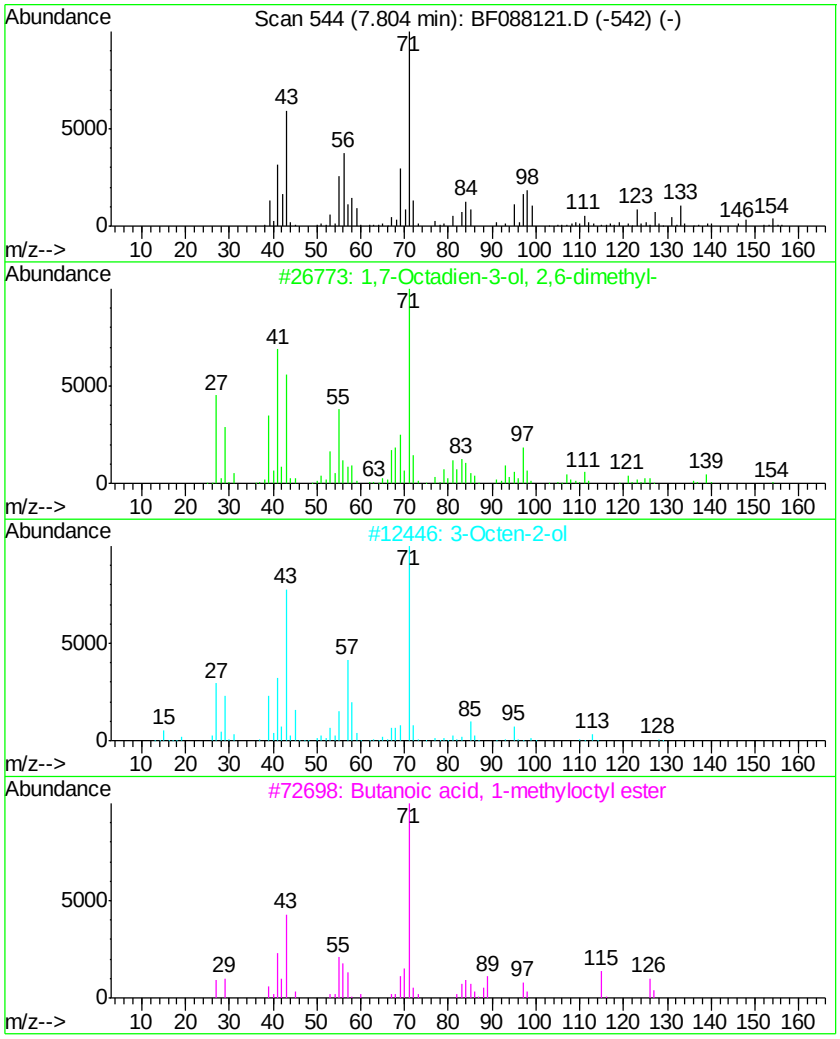
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

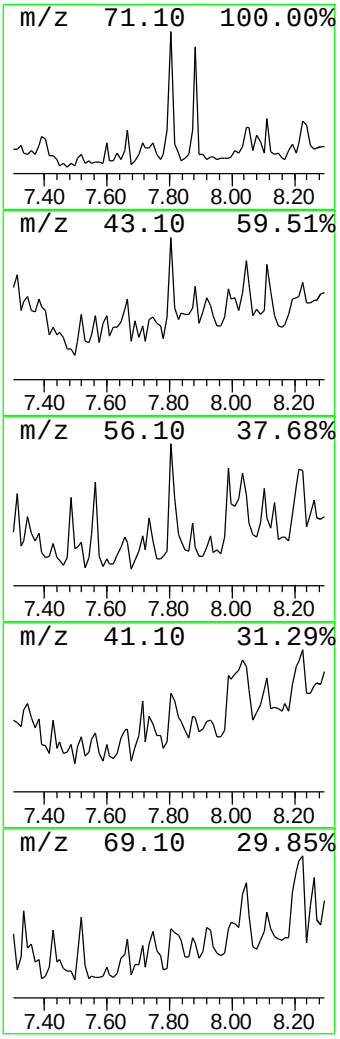
****

Peak Number 5 1,7-Octadien-3-ol, 2,6-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	11.97 ng	791811	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Octadien-3-ol, 2,6-dimethyl-	154	C10H18O	022460-59-9	50
2	3-Octen-2-ol	128	C8H16O	076649-14-4	43
3	Butanoic acid, 1-methyloctyl ester	214	C13H26O2	069727-42-0	40
4	2-Decanone, 5,9-dimethyl-	184	C12H24O	033933-82-3	40
5	Isophytol	296	C20H40O	000505-32-8	38





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
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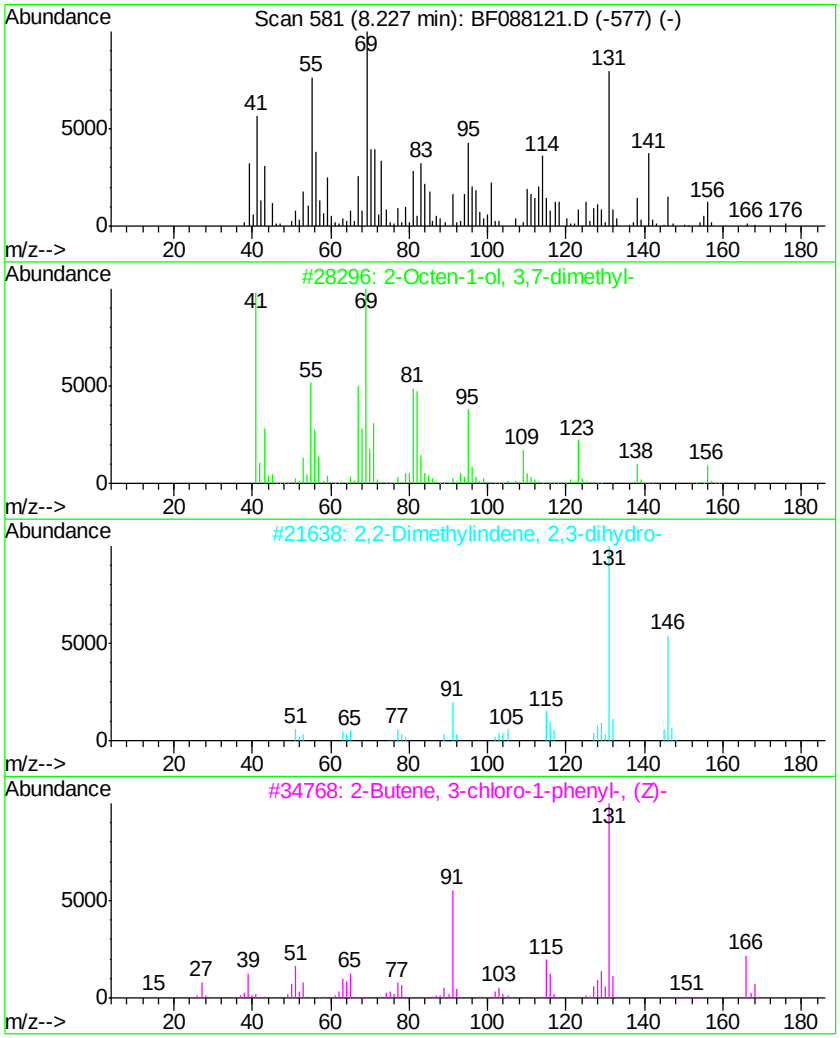
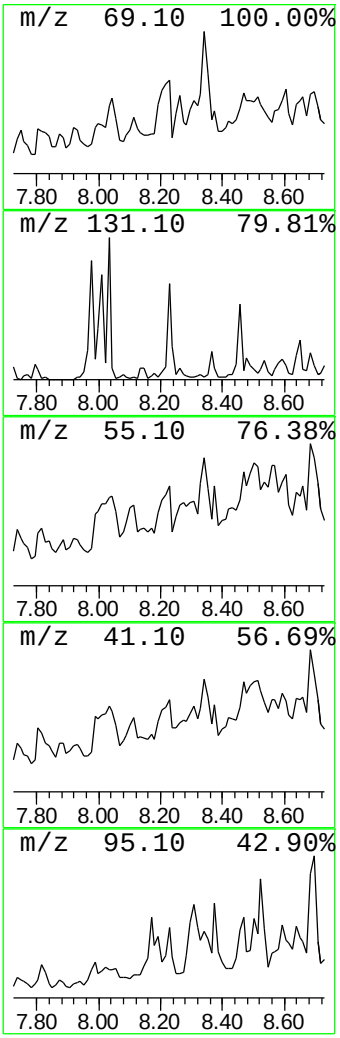
****

Peak Number 6 unknown8.23 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	13.40 ng	886134	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octen-1-ol, 3,7-dimethyl-	156	C10H20O	040607-48-5	30
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	25
3	2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	25
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	15
5	3-Heptene, 4-methyl-	112	C8H16	004485-16-9	11





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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
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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
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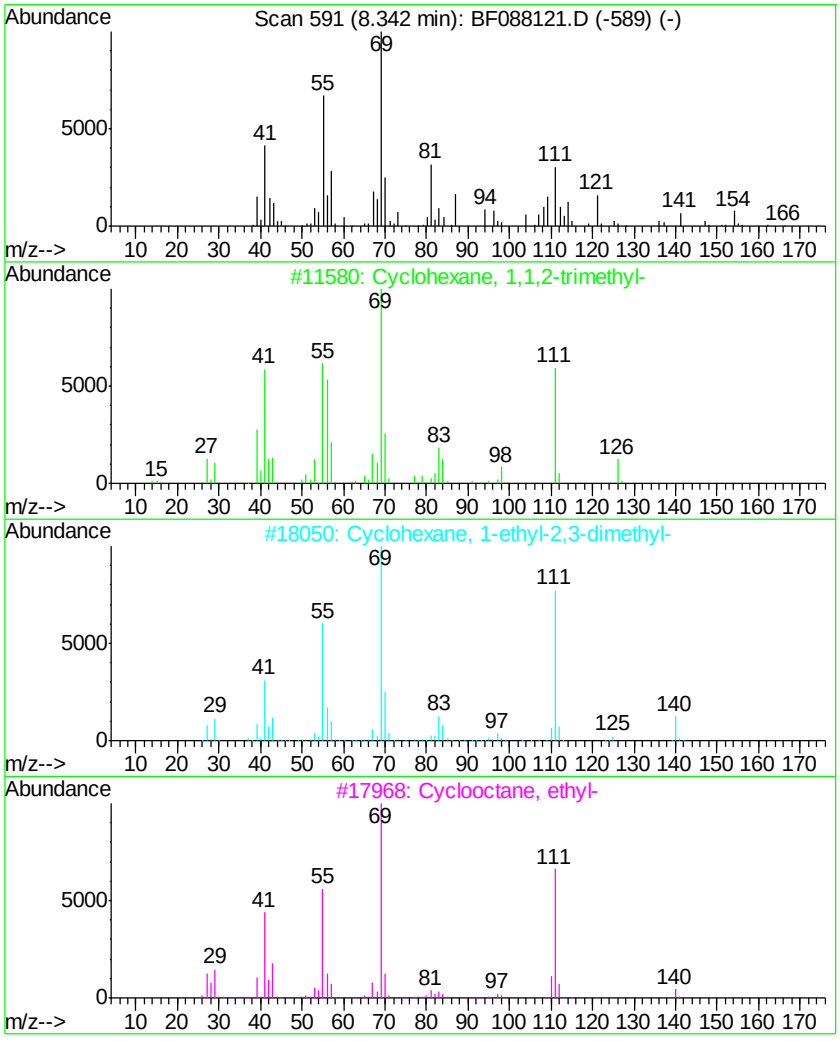
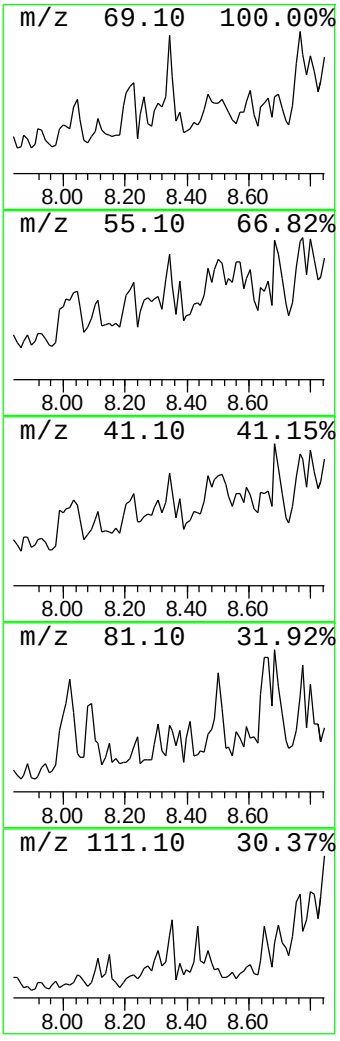
****

Peak Number 7 Cyclohexane, 1,1,2-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	16.06 ng	1061940	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	50
2	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	50
3	Cyclooctane, ethyl-	140	C10H20	013152-02-8	47
4	2-Decene, 2-methyl-	154	C11H22	023381-92-2	46
5	2-Hexene, 2,5-dimethyl-	112	C8H16	003404-78-2	43





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Sample : H3574-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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

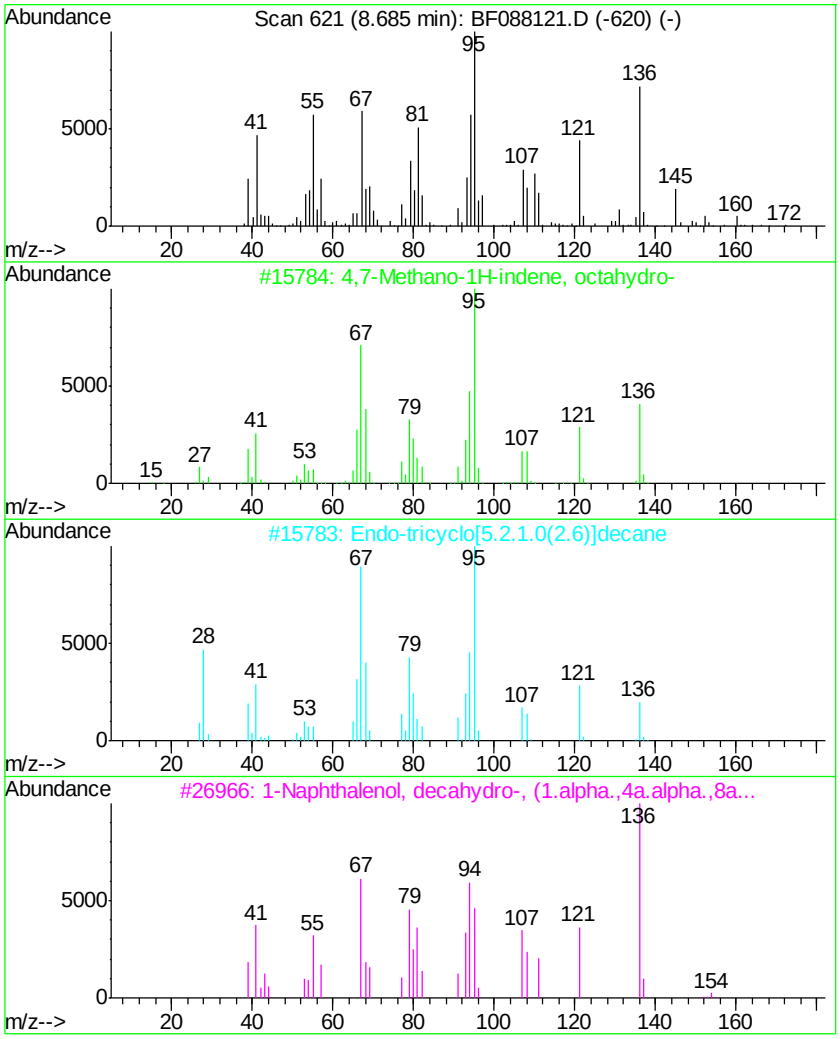
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

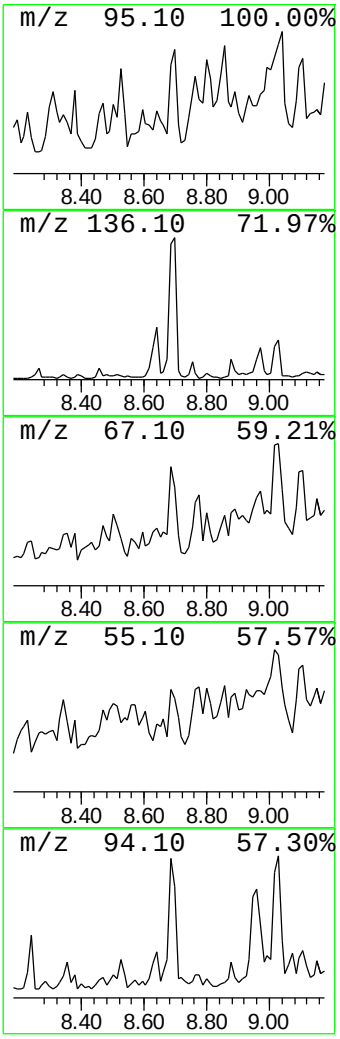
****

Peak Number 8 4,7-Methano-1H-indene, octa... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	21.12 ng	1396810	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	90
2	Endo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-8	74
3	1-Naphthalenol, decahydro-, (1.a...	154	C10H18O	014759-74-1	58
4	1.alpha., 4a.beta., 8a.alpha.-De...	154	C10H18O	036159-47-4	55
5	Tricyclo[5.2.1.0(4,8)]decane	136	C10H16	042836-61-3	55





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
Data File : BF088121.D
Acq On : 18 Jun 2016 5:31
Operator : UM/SJ
Sample : H3574-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

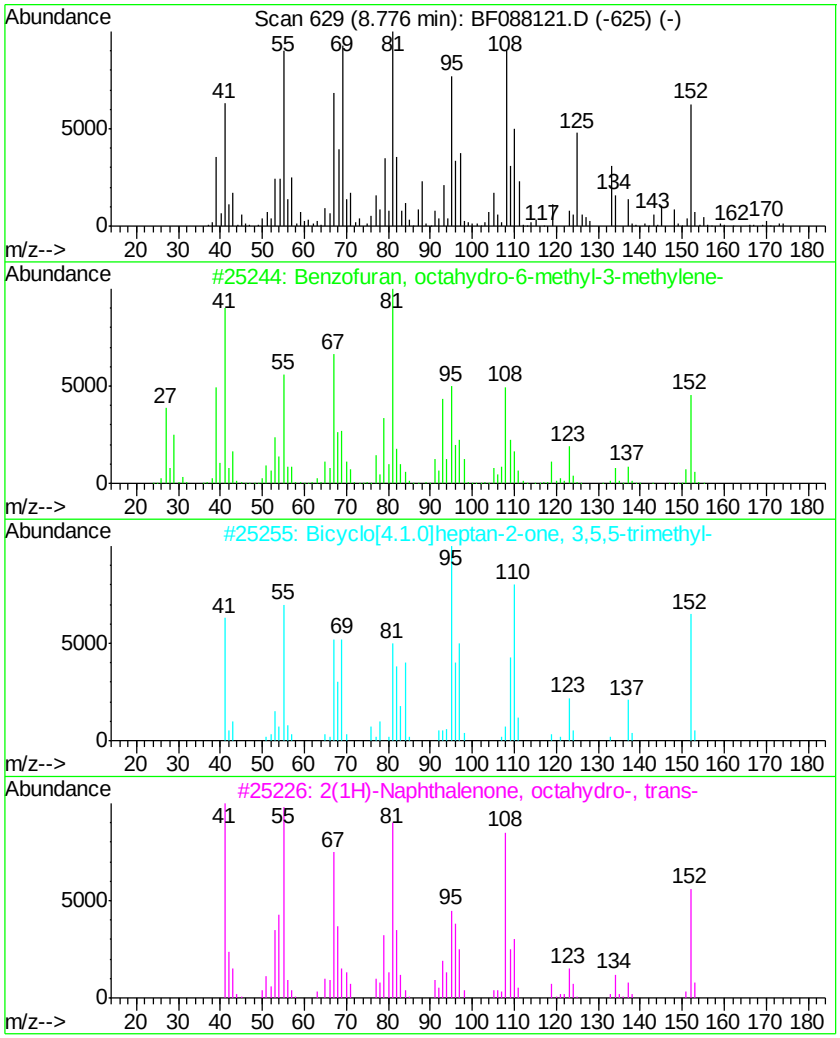
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

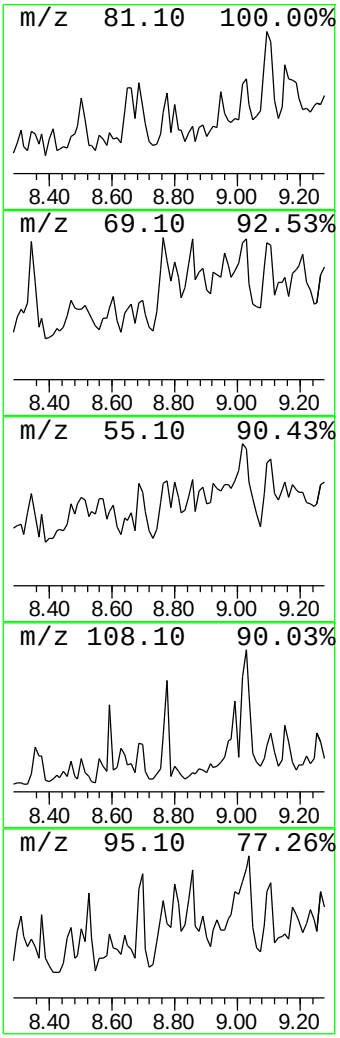
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzofuran, octahydro-6-met... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	24.32 ng	1608180	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, octahydro-6-methyl-3...	152	C10H16O	077954-13-3	53
2	Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	51
3	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	50
4	Spiro[3.5]nonan-1-one, 5-methyl-...	152	C10H16O	065147-56-0	45
5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	42





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Data File : BF088121.D
Acq On : 18 Jun 2016 5:31
Operator : UM/SJ
Sample : H3574-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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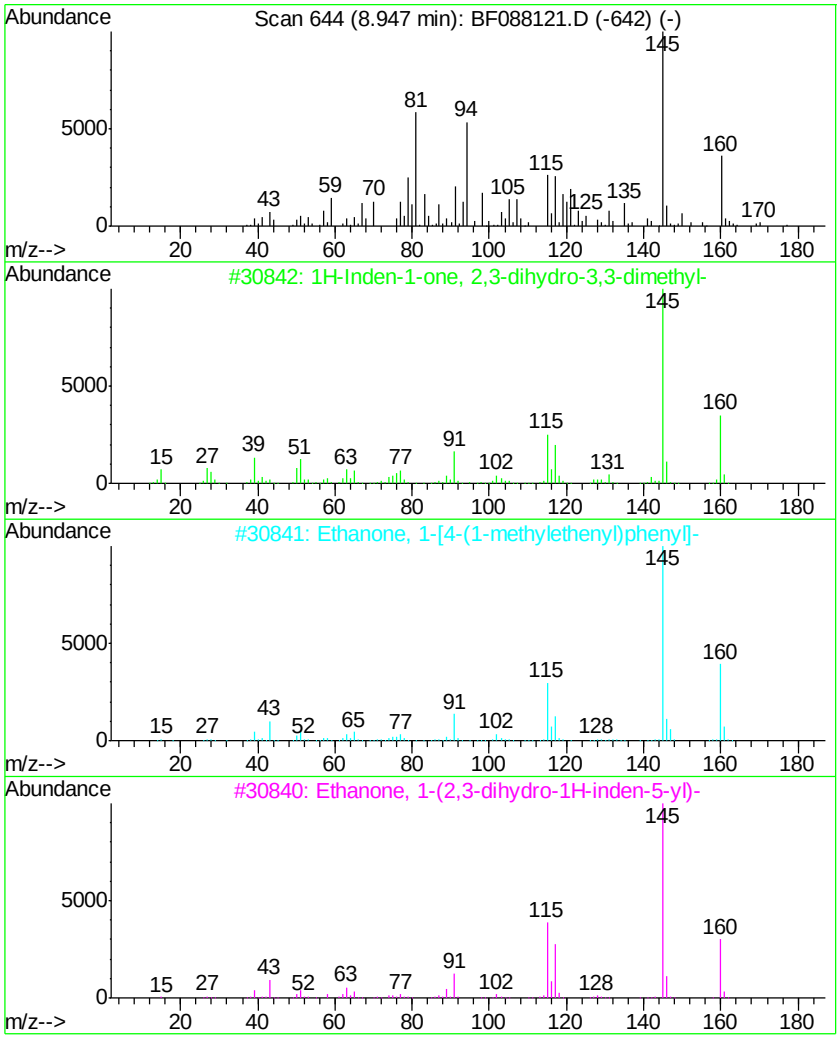
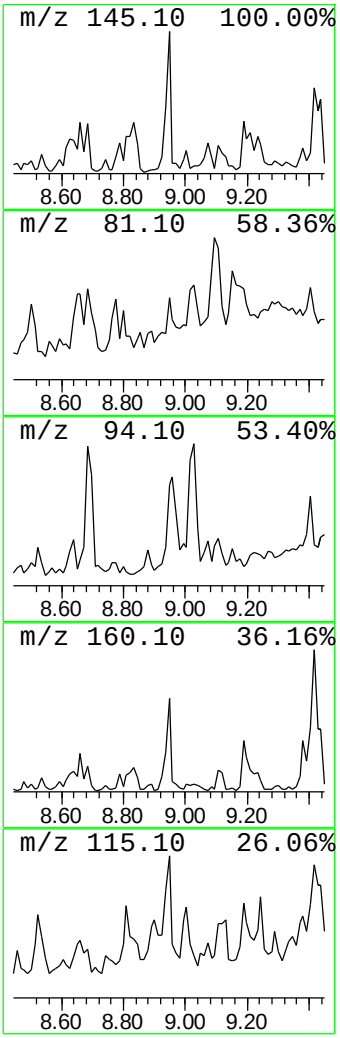
Peak Number 11 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	21.91 ng	949356	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	64
2	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	60
3	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	50
4	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	49
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	47





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Acq On : 18 Jun 2016 5:31
Operator : UM/SJ
Sample : H3574-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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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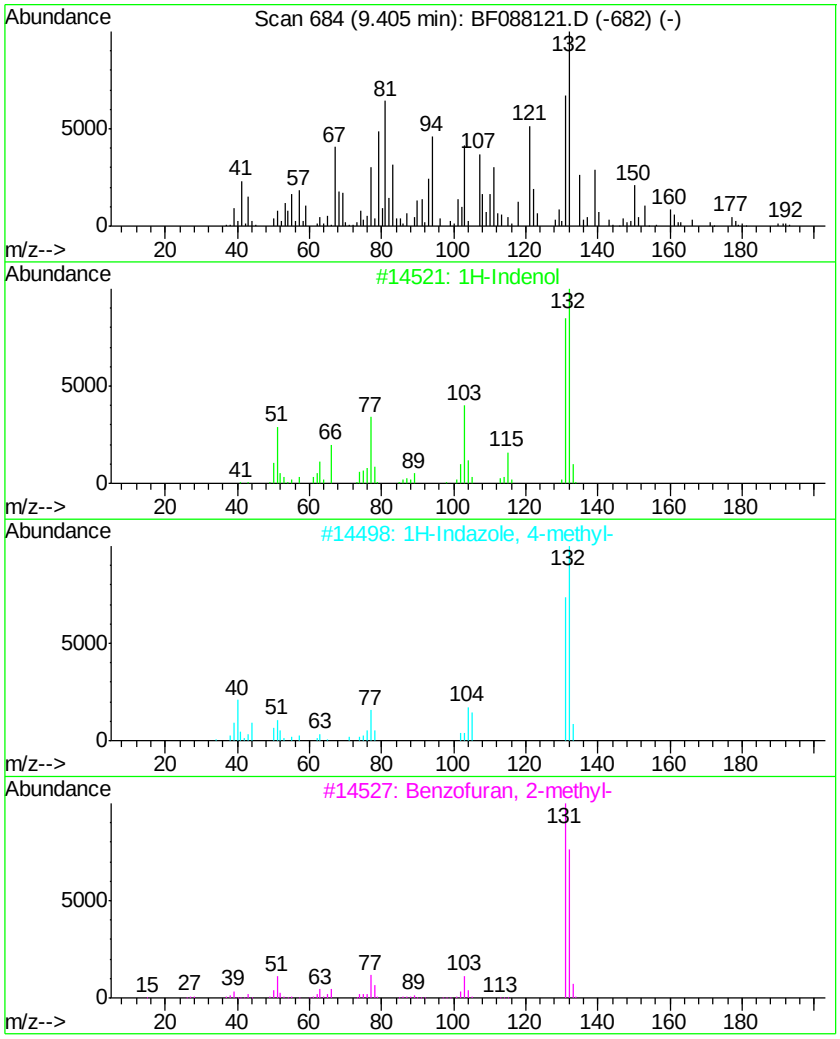
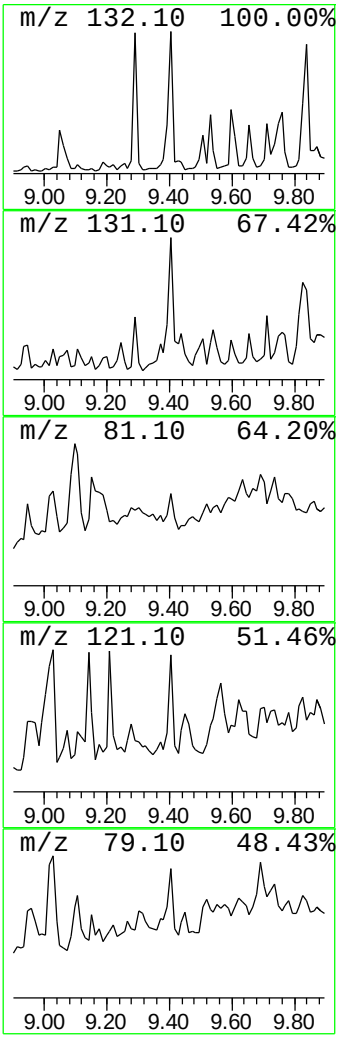
Peak Number 12 unknown9.40 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	18.79 ng	813883	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indenol	132	C9H8O	056631-57-3	27
2	1H-Indazole, 4-methyl-	132	C8H8N2	1000316-00-9	27
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	22
4	1H-1,3-Benzimidazole-1-propanoic...	190	C10H10N2O2	014840-18-7	22
5	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	22





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Operator : UM/SJ
Sample : H3574-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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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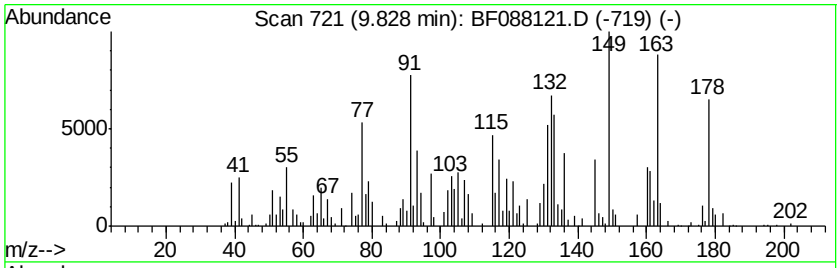
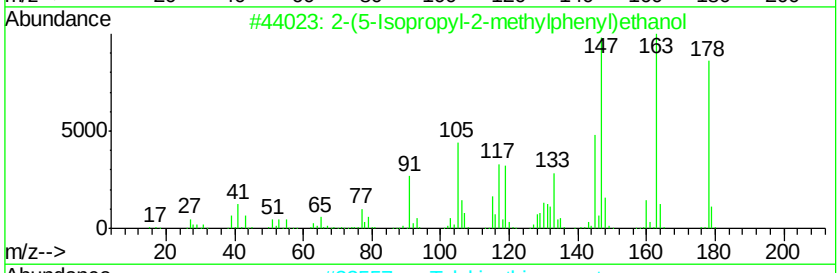
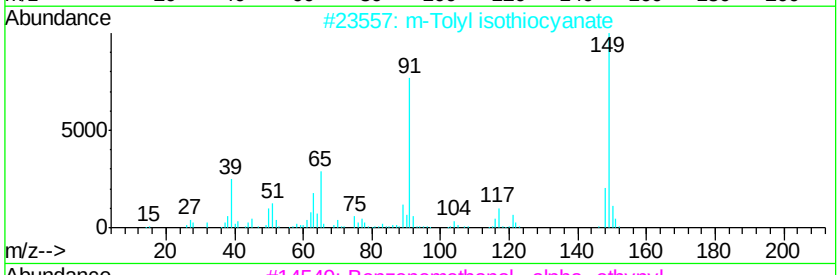
Peak Number 13 unknown9.83 Concentration Rank 9

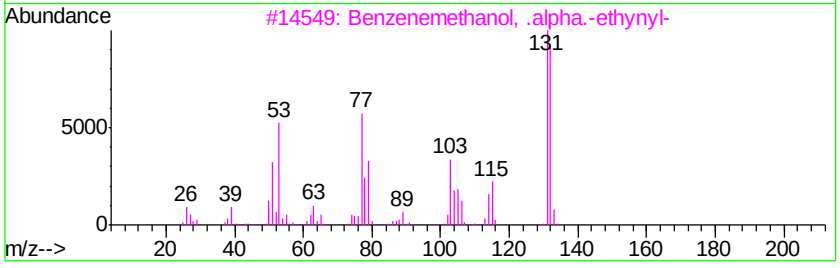
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	20.00 ng	866418	Acenaphthene-d10	9.75

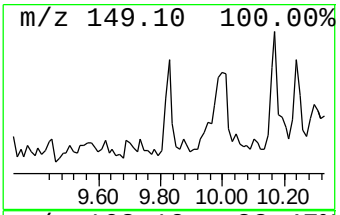
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(5-Isopropyl-2-methylphenyl)et...	178	C12H18O	004389-64-4	46
2	m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	25
3	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	25
4	Benzene, 1-isothiocyanato-2-methyl-	149	C8H7NS	000614-69-7	25
5	Ethyl 2,4-dimethylbenzoate	178	C11H14O2	033499-42-2	25

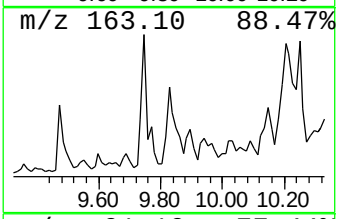


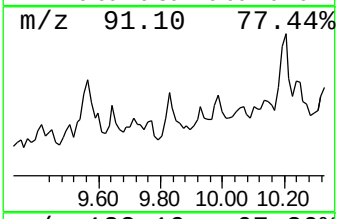


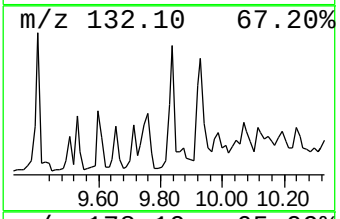


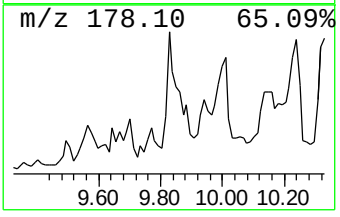












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Data File : BF088121.D
Acq On : 18 Jun 2016 5:31
Operator : UM/SJ
Sample : H3574-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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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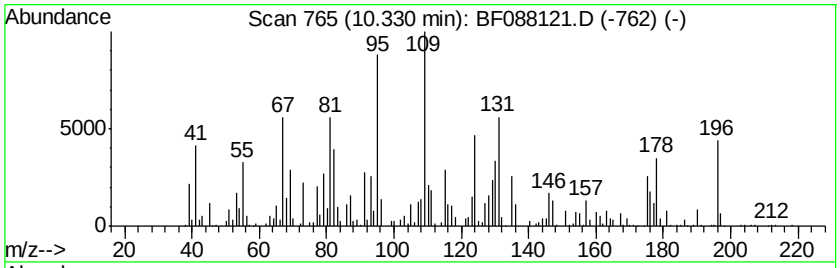
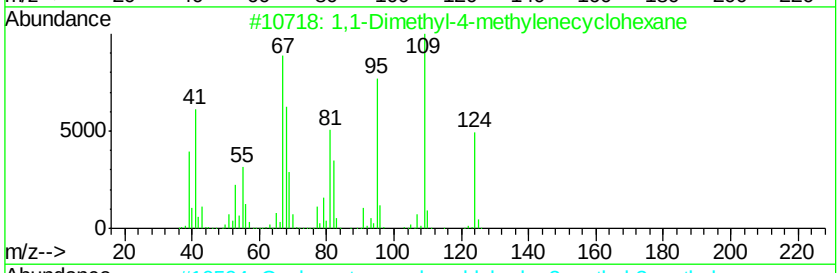
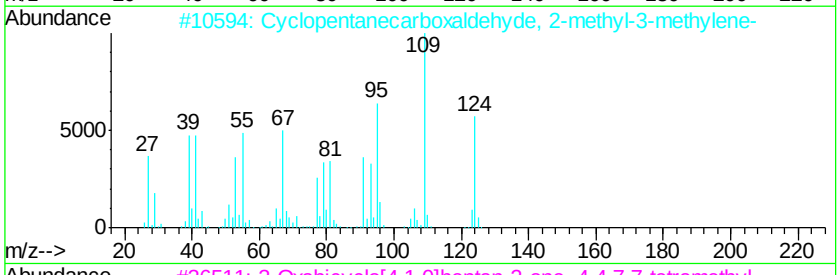
Peak Number 14 unknown10.33 Concentration Rank 4

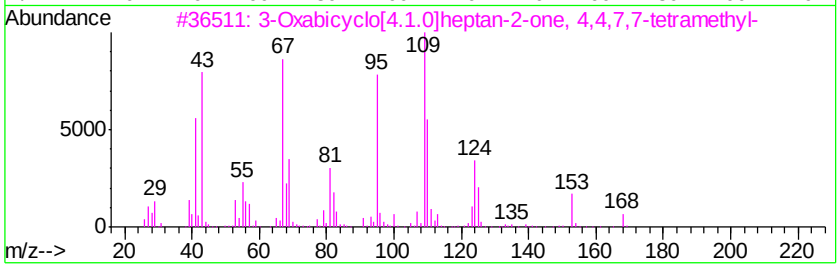
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	36.03 ng	1560650	Acenaphthene-d10	9.75

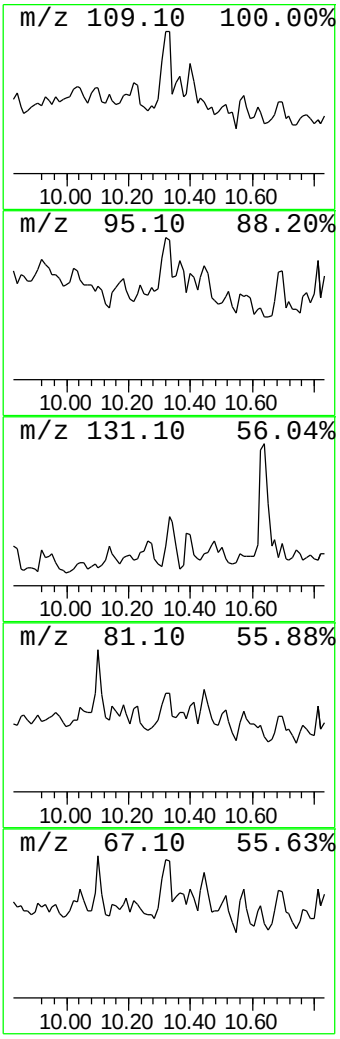
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dimethyl-4-methylenecyclohexane	124	C9H16	006007-96-1	45
2	Cyclopentanecarboxaldehyde, 2-me...	124	C8H12O	1000154-24-0	38
3	3-Oxabicyclo[4.1.0]heptan-2-one,...	168	C10H16O2	022841-82-3	35
4	3-Cyclohexene-1-carboxaldehyde, ...	124	C8H12O	000931-96-4	30
5	Santolina epoxide	152	C10H16O	060485-45-2	25











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Operator : UM/SJ
Sample : H3574-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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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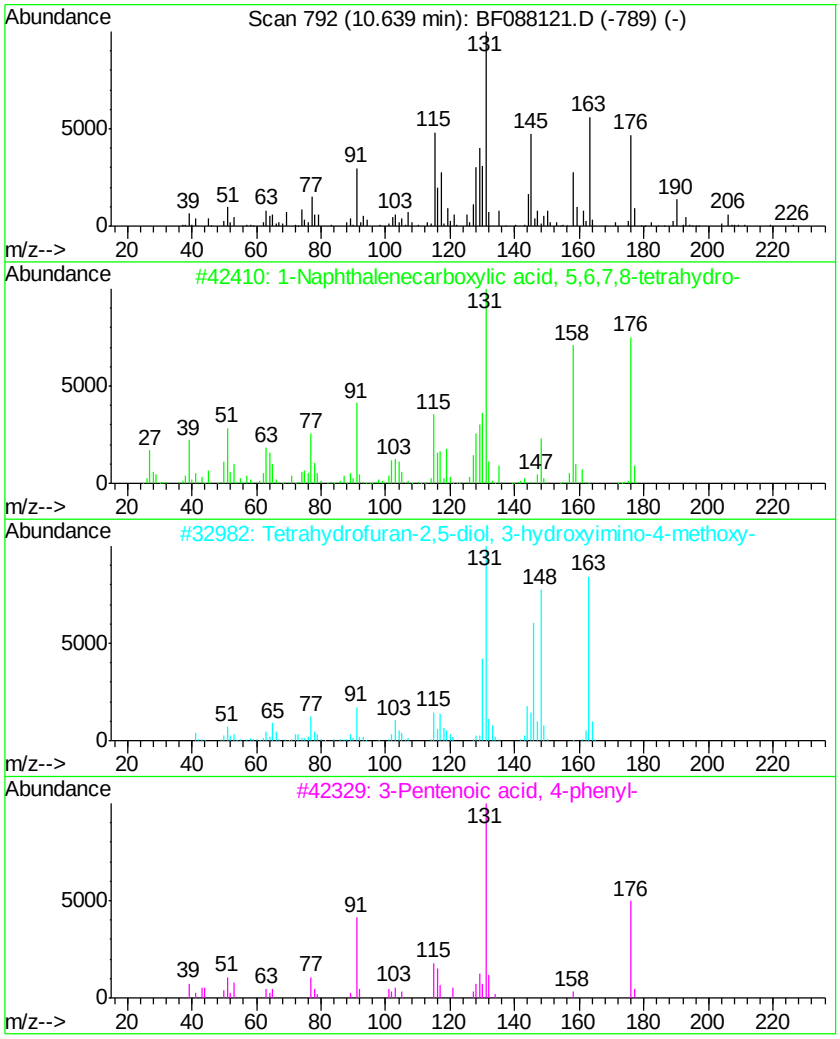
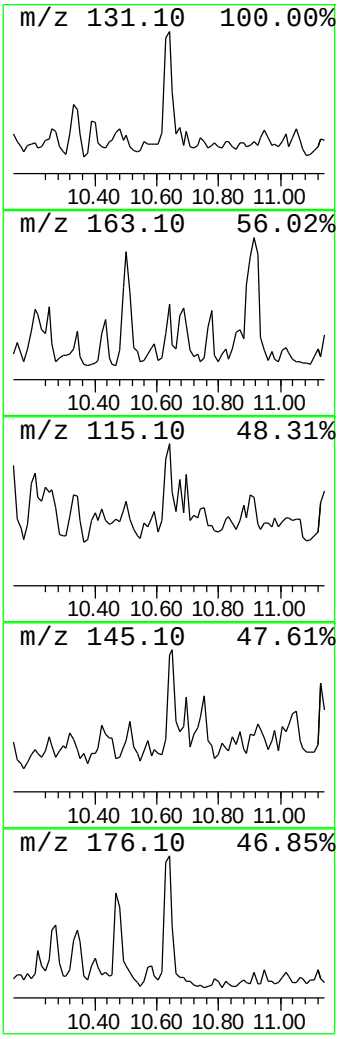
Peak Number 15 1-Naphthalenecarboxylic aci... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	16.87 ng	975287	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	52
2	Tetrahydrofuran-2,5-diol, 3-hydr...	163	C5H9NO5	1000128-93-0	38
3	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	25
4	Benzene, (3-chloro-1-methyl-1-pr...	166	C10H11Cl	1000327-43-7	22
5	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	22





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Sample : H3574-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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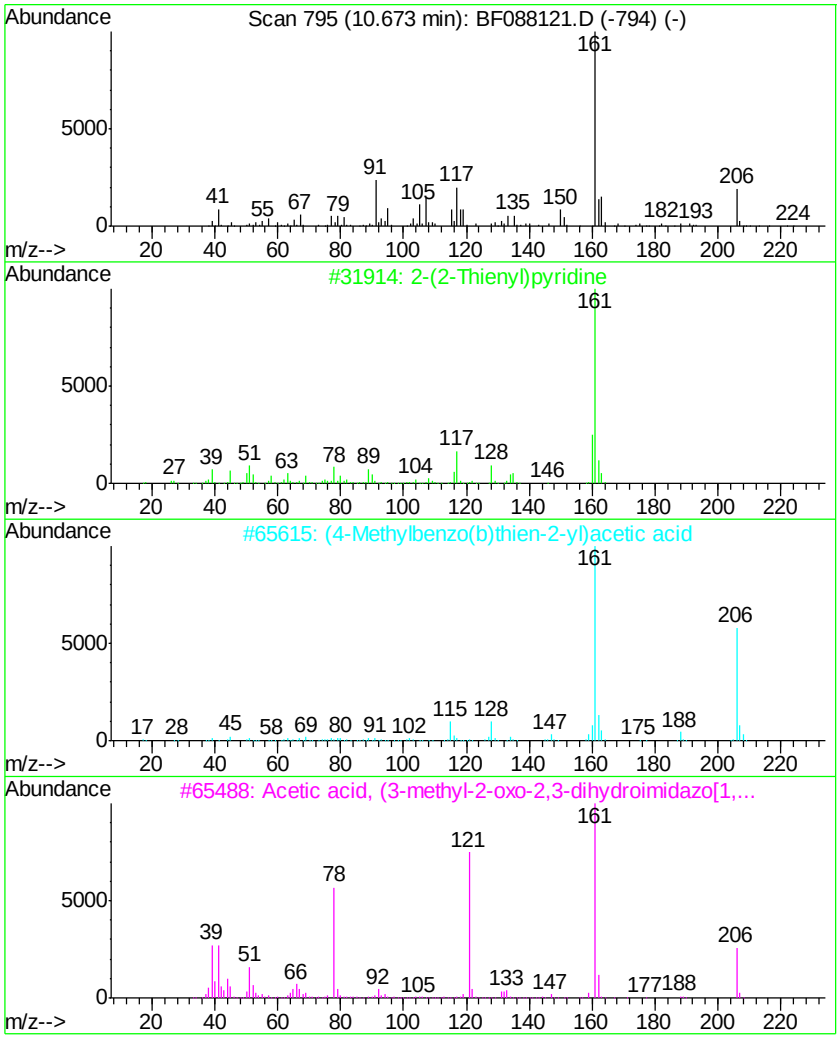
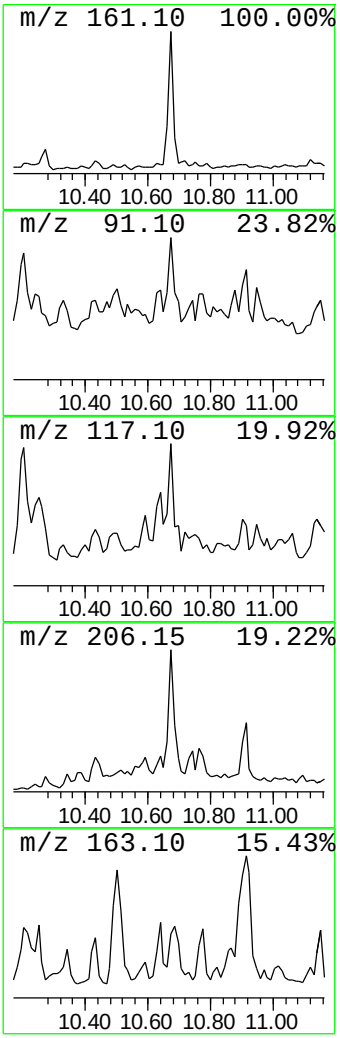
Peak Number 16 2-(2-Thienyl)pyridine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	17.71 ng	1023880	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Thienyl)pyridine	161	C9H7NS	003319-99-1	53
2	(4-Methylbenzo(b)thien-2-yl)acet...	206	C11H10O2S	001734-37-8	50
3	Acetic acid, (3-methyl-2-oxo-2,3...	206	C10H10N2O3	1000303-97-5	50
4	4-Butylbenzoic acid, ethyl ester	206	C13H18O2	085100-62-5	50
5	1-(4-Hydroxyphenyl)cyclopentanec...	206	C12H14O3	091496-64-9	50





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Instrument : BNA_F
ClientSampleId : MW-03

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

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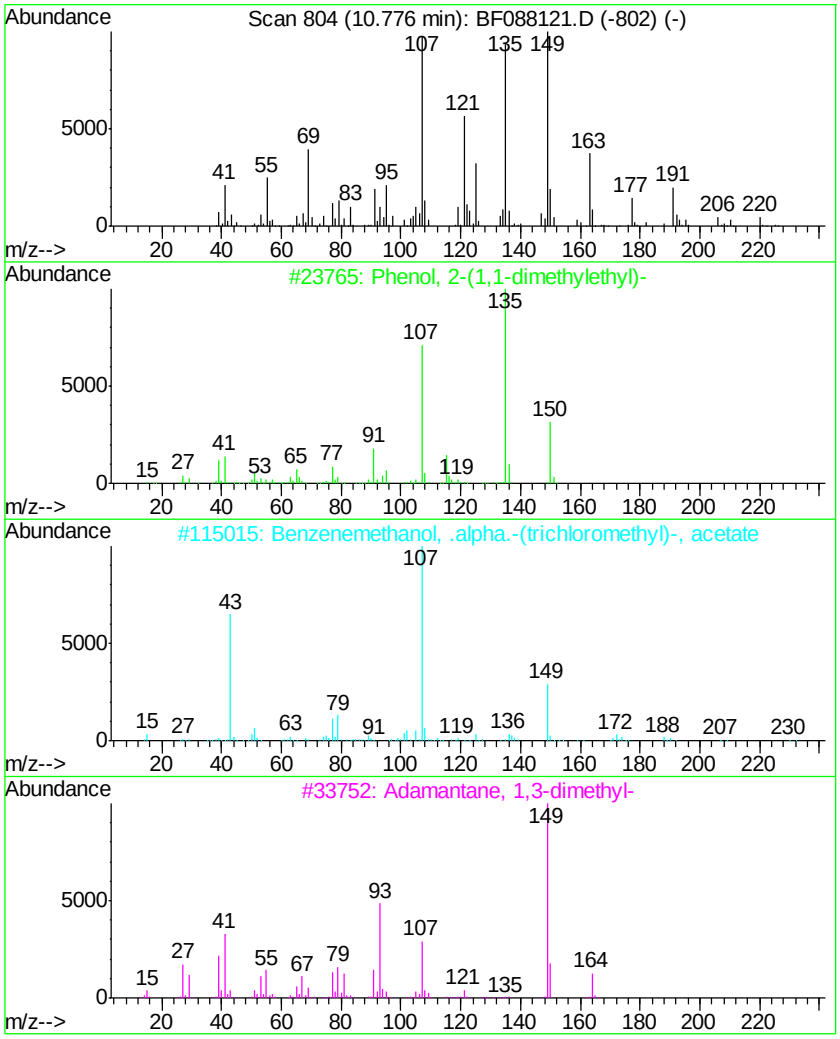
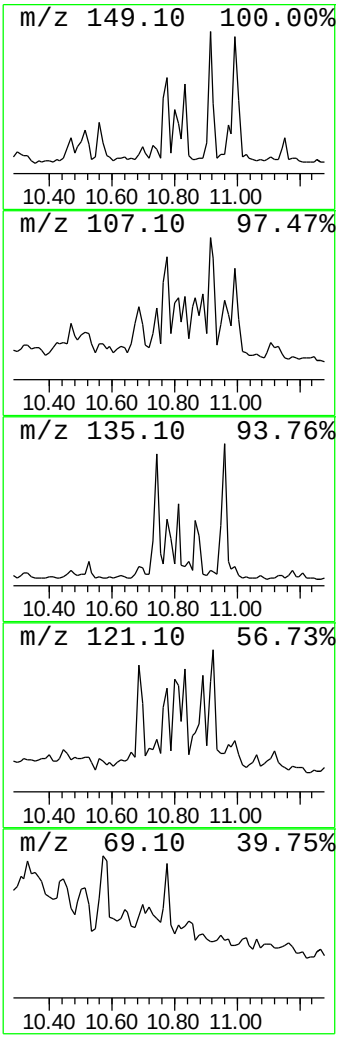
Peak Number 17 unknown10.78 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	11.74 ng	678965	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	43
2	Benzenemethanol, .alpha.-(trichl...	266	C10H9Cl3O2	000090-17-5	35
3	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	25
4	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	18
5	3-Adamantan-1-yl-butan-2-one	206	C14H22O	1000300-40-8	18





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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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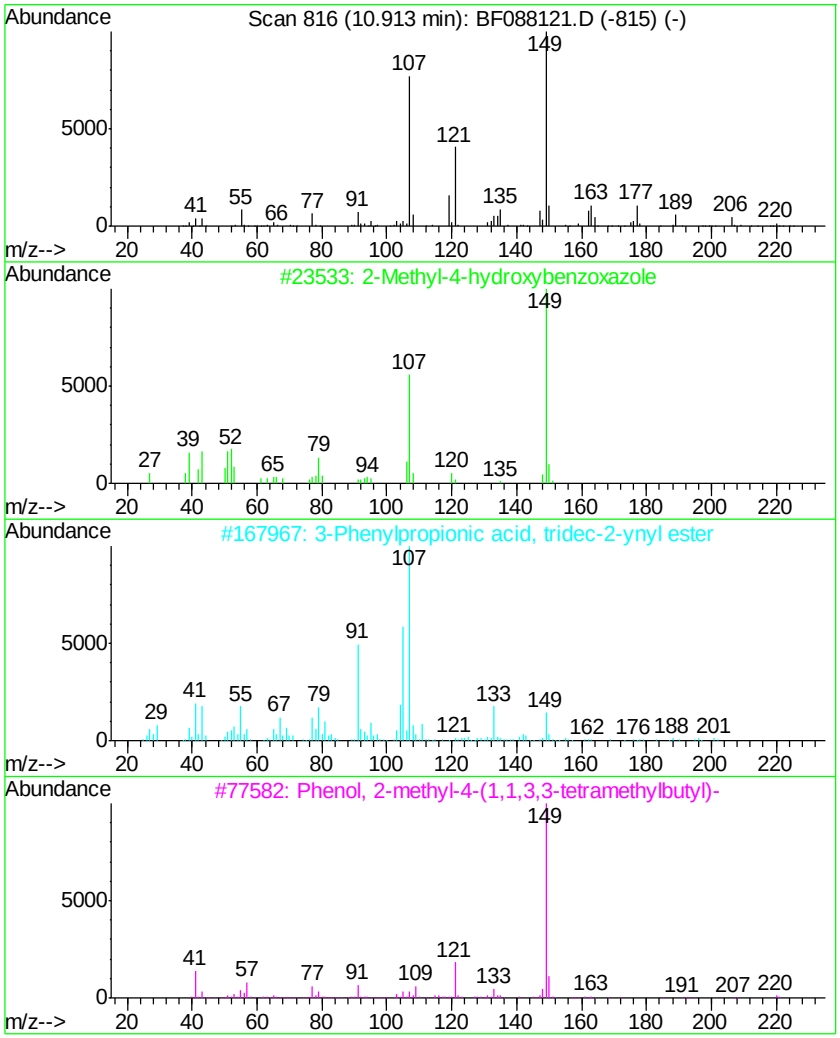
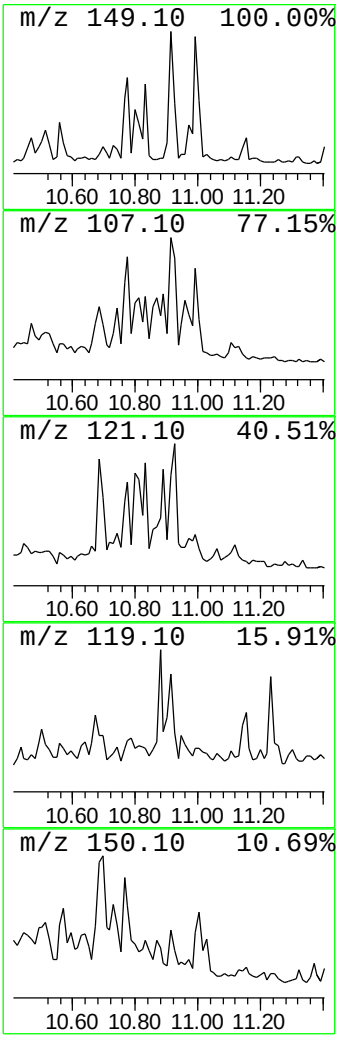
Peak Number 18 2-Methyl-4-hydroxybenzoxazole Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	12.48 ng	721740	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	59
2	3-Phenylpropionic acid, tridec-2...	328	C22H32O2	1000299-18-0	42
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
4	Benzene, 1-methoxy-4-methyl-2-(1...	164	C11H16O	031574-44-4	35
5	Benzene, 2-methoxy-4-methyl-1-(1...	164	C11H16O	001076-56-8	35





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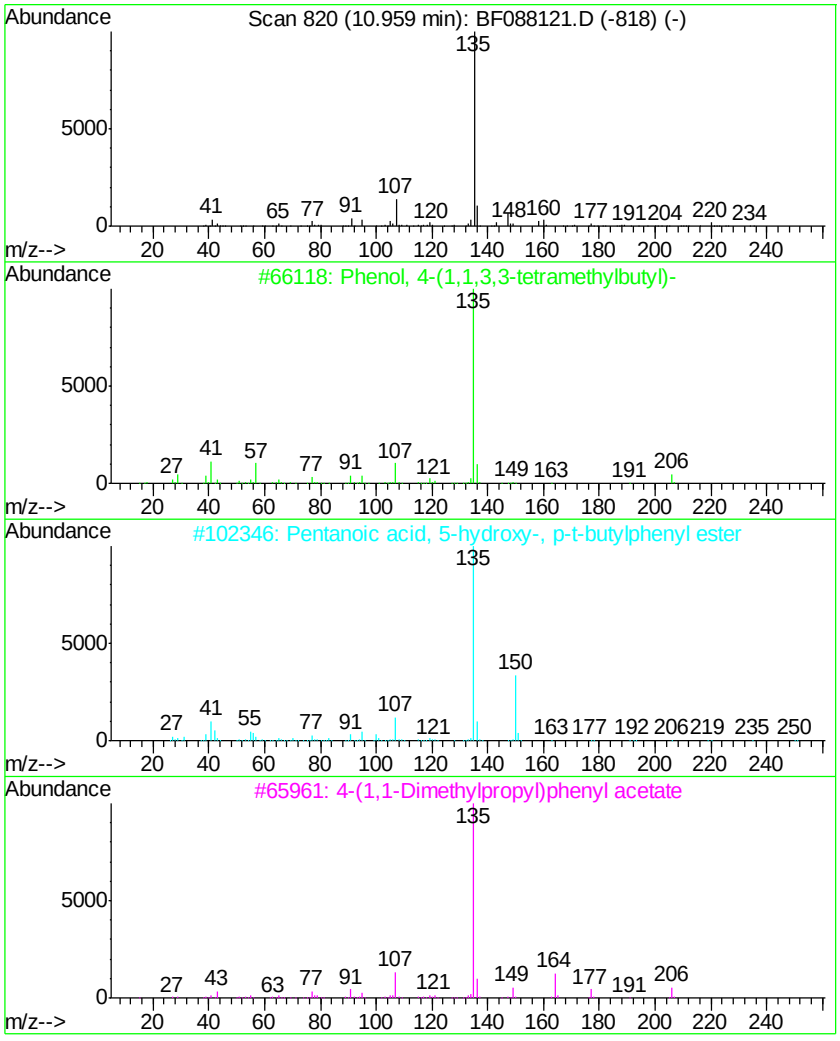
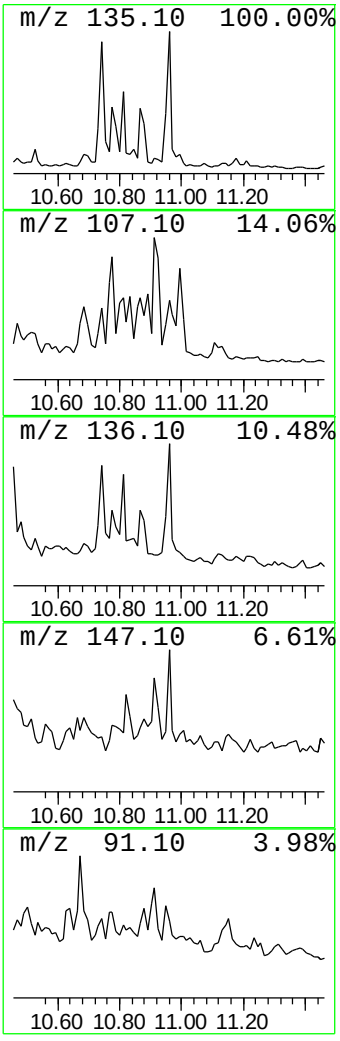
Peak Number 19 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	11.61 ng	671226	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
2	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
3	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	64
4	1-n-Hexyladamantane	220	C16H28	022458-75-9	64
5	5-Bromovaleric acid, 1-adamantyl...	328	C16H25BrO2	1000299-98-2	45





Tentatively Identified Compound (LSC) summary

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Acq On : 18 Jun 2016 5:31
Operator : UM/SJ
Sample : H3574-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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
unknown7.71	7.71	12.1	ng	801432	2	7.99	1322520	20.0
1,7-Octadien-3-ol...	7.80	12.0	ng	791811	2	7.99	1322520	20.0
unknown8.23	8.23	13.4	ng	886134	2	7.99	1322520	20.0
Cyclohexane, 1,1,...	8.34	16.1	ng	1061940	2	7.99	1322520	20.0
4,7-Methano-1H-in...	8.68	21.1	ng	1396810	2	7.99	1322520	20.0
Benzofuran, octah...	8.78	24.3	ng	1608180	2	7.99	1322520	20.0
1H-Inden-1-one, 2...	8.95	21.9	ng	949356	3	9.75	866418	20.0
unknown9.40	9.40	18.8	ng	813883	3	9.75	866418	20.0
unknown9.83	9.83	20.0	ng	866418	3	9.75	866418	20.0
unknown10.33	10.33	36.0	ng	1560650	3	9.75	866418	20.0
1-Naphthalenecarb...	10.64	16.9	ng	975287	4	11.23	1156450	20.0
2-(2-Thienyl)pyri...	10.67	17.7	ng	1023880	4	11.23	1156450	20.0
unknown10.78	10.78	11.7	ng	678965	4	11.23	1156450	20.0
2-Methyl-4-hydrox...	10.91	12.5	ng	721740	4	11.23	1156450	20.0
Phenol, 4-(1,1,3,...	10.96	11.6	ng	671226	4	11.23	1156450	20.0