LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087930.D
Acq On : 12 Jun 2016 5:51
Operator : UM/SJ
Sample : H3501-24
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1

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	1.735	12	13	22	rVB	256288	403464	11.70%	1.098%
2	1.861	22	24	36	rVV	2088083	3447164	100.00%	9.385%
3	2.032	37	39	54	rVB	95536	260056	7.54%	0.708%
4	2.215	54	55	69	rVB3	25550	68367	1.98%	0.186%
5	3.015	122	125	131	rVB2	12578	34864	1.01%	0.095%
6	4.147	221	224	226	rBV	34055	54705	1.59%	0.149%
7	4.833	282	284	287	rBV	111126	153564	4.45%	0.418%
8	4.958	293	295	299	rVB	75196	104557	3.03%	0.285%
9	5.381	330	332	335	rVB	1077807	1305744	37.88%	3.555%
10	5.439	335	337	339	rBV2	30561	41434	1.20%	0.113%
11	5.519	342	344	346	rVV2	31391	47515	1.38%	0.129%
12	5.576	346	349	351	rVB	102839	124013	3.60%	0.338%
13	5.644	353	355	359	rVB	59663	54135	1.57%	0.147%
14	5.736	362	363	365	rVV	120759	90993	2.64%	0.248%
15	5.781	365	367	370	rVB3	42067	57067	1.66%	0.155%
16	5.953	380	382	384	rBV	148817	134623	3.91%	0.367%
17	6.033	386	389	391	rBV2	79875	105157	3.05%	0.286%
18	6.147	394	399	401	rBV3	33629	66588	1.93%	0.181%
19	6.227	403	406	410	rVV3	154851	336109	9.75%	0.915%
20	6.307	410	413	414	rVV2	130719	169015	4.90%	0.460%
21	6.341	414	416	417	rVV	130242	156697	4.55%	0.427%
22	6.376	417	419	420	rVV	41431	57693	1.67%	0.157%
23	6.433	420	424	427	rVV	725445	880473	25.54%	2.397%
24	6.513	427	431	433	rVB2	204320	330624	9.59%	0.900%
25	6.570	433	436	438	rBV	2043101	2282951	66.23%	6.216%
26	6.639	439	442	443	rBV3	54065	64678	1.88%	0.176%
27	6.673	443	445	446	rBV	53044	49932	1.45%	0.136%
28	6.799	454	456	457	rBV	667983	576755	16.73%	1.570%
29	6.833	457	459	461	rVV	148524	184096	5.34%	0.501%
30	6.879	461	463	465	rVV	256809	388069	11.26%	1.057%
31	6.924	466	467	468	rVV	86356	93431	2.71%	0.254%
32	6.959	468	470	472	rVV	2127891	2070805	60.07%	5.638%
33	7.016	473	475	477	rVB	96441	135641	3.93%	0.369%
34	7.050	477	478	479	rBV	85732	91893	2.67%	0.250%

LSC Area Percent Report

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Acq On : 12 Jun 2016 5:51
Operator : UM/SJ
Sample : H3501-24
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1

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

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

35	7.084	479	481	483	rVB	178681	181388	5.26%	0.494%
36	7.119	483	484	486	rBV	126533	166235	4.82%	0.453%
37	7.210	486	492	493	rVV2	176686	329500	9.56%	0.897%
38	7.233	493	494	497	rVV3	88307	154964	4.50%	0.422%
39	7.279	497	498	502	rVB2	66194	87902	2.55%	0.239%
40	7.370	502	506	508	rBV	1611449	1982642	57.52%	5.398%
41	7.450	508	513	515	rVV5	93684	103203	2.99%	0.281%
42	7.484	515	516	521	rVB2	104928	126176	3.66%	0.344%
43	7.564	521	523	526	rVB3	33972	65133	1.89%	0.177%
44	7.622	526	528	530	rBV2	62840	91029	2.64%	0.248%
45	7.724	534	537	538	rBV3	42892	60849	1.77%	0.166%
46	7.759	538	540	541	rVB2	55526	61022	1.77%	0.166%
47	7.793	541	543	545	rBV	150481	160572	4.66%	0.437%
48	7.862	545	549	551	rBV4	128328	364645	10.58%	0.993%
49	7.907	551	553	556	rVB3	106458	167338	4.85%	0.456%
50	7.964	556	558	559	rBV	85896	78923	2.29%	0.215%
51	7.999	559	561	563	rBV2	147967	233620	6.78%	0.636%
52	8.033	563	564	565	rVB	105687	73141	2.12%	0.199%
53	8.090	567	569	571	rVV	877798	782692	22.71%	2.131%
54	8.136	571	573	574	rVB	59004	58917	1.71%	0.160%
55	8.216	577	580	581	rBV2	65001	100071	2.90%	0.272%
56	8.273	581	585	586	rBV2	85554	140291	4.07%	0.382%
57	8.365	589	593	594	rBV2	240643	303507	8.80%	0.826%
58	8.387	594	595	598	rVB	95209	130265	3.78%	0.355%
59	8.467	598	602	605	rBV	272748	496381	14.40%	1.351%
60	8.525	605	607	608	rVV	48756	47296	1.37%	0.129%
61	8.559	608	610	612	rVB3	40300	43501	1.26%	0.118%
62	8.673	617	620	622	rVB3	82608	177484	5.15%	0.483%
63	8.753	622	627	628	rBV3	40289	90633	2.63%	0.247%
64	8.776	628	629	630	rVV	49263	45730	1.33%	0.125%
65	8.810	630	632	633	rVB2	49819	65659	1.90%	0.179%
66	8.867	633	637	639	rBV4	97773	202110	5.86%	0.550%
67	8.902	639	640	642	rVB2	61237	51255	1.49%	0.140%
68	8.970	644	646	648	rVV2	72510	85601	2.48%	0.233%
69	9.016	648	650	652	rVV	157663	197122	5.72%	0.537%
70	9.073	652	655	657	rVV2	158136	343075	9.95%	0.934%
71	9.176	661	664	665	rVV	2572960	3342984	96.98%	9.102%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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Integrator: RTE
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72	9.199	665	666	668	rVV	29193	43861	1.27%	0.119%
73	9.256	668	671	674	rVV4	58645	149432	4.33%	0.407%
74	9.347	677	679	681	rVB3	57565	89740	2.60%	0.244%
75	9.405	681	684	685	rBV2	56785	104198	3.02%	0.284%
76	9.450	685	688	690	rVV3	61671	133622	3.88%	0.364%
77	9.496	690	692	693	rVV2	48938	74101	2.15%	0.202%
78	9.530	693	695	698	rVB	165198	194656	5.65%	0.530%
79	9.599	698	701	703	rBV4	53738	98104	2.85%	0.267%
80	9.668	704	707	708	rVB	111239	141725	4.11%	0.386%
81	9.702	708	710	713	rBV3	96718	161782	4.69%	0.440%
82	9.782	713	717	720	rVV4	54808	187352	5.43%	0.510%
83	9.839	720	722	724	rVB	847583	886273	25.71%	2.413%
84	9.988	733	735	739	rBV2	223262	394633	11.45%	1.074%
85	10.205	751	754	757	rBV3	88495	185790	5.39%	0.506%
86	10.250	757	758	761	rVV3	78112	113865	3.30%	0.310%
87	10.445	774	775	777	rBV	77378	106910	3.10%	0.291%
88	10.536	781	783	785	rVV2	56050	85708	2.49%	0.233%
89	10.593	785	788	789	rVV3	98773	188533	5.47%	0.513%
90	10.639	789	792	794	rVB	1451618	1895791	55.00%	5.162%
91	11.131	833	835	837	rVB	372147	335278	9.73%	0.913%
92	11.325	849	852	854	rBV	1009654	878354	25.48%	2.391%
93	11.496	865	867	870	rVB	40610	46289	1.34%	0.126%
94	11.691	882	884	885	rBV	38753	39212	1.14%	0.107%
95	11.873	898	900	901	rVB	43759	43549	1.26%	0.119%
96	12.914	988	991	994	rBV	2678191	2971738	86.21%	8.091%
97	13.954	1079	1082	1084	rBV	1007997	897753	26.04%	2.444%
98	15.371	1203	1206	1208	rBV	517751	664709	19.28%	1.810%

Sum of corrected areas: 36728686

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087930.D
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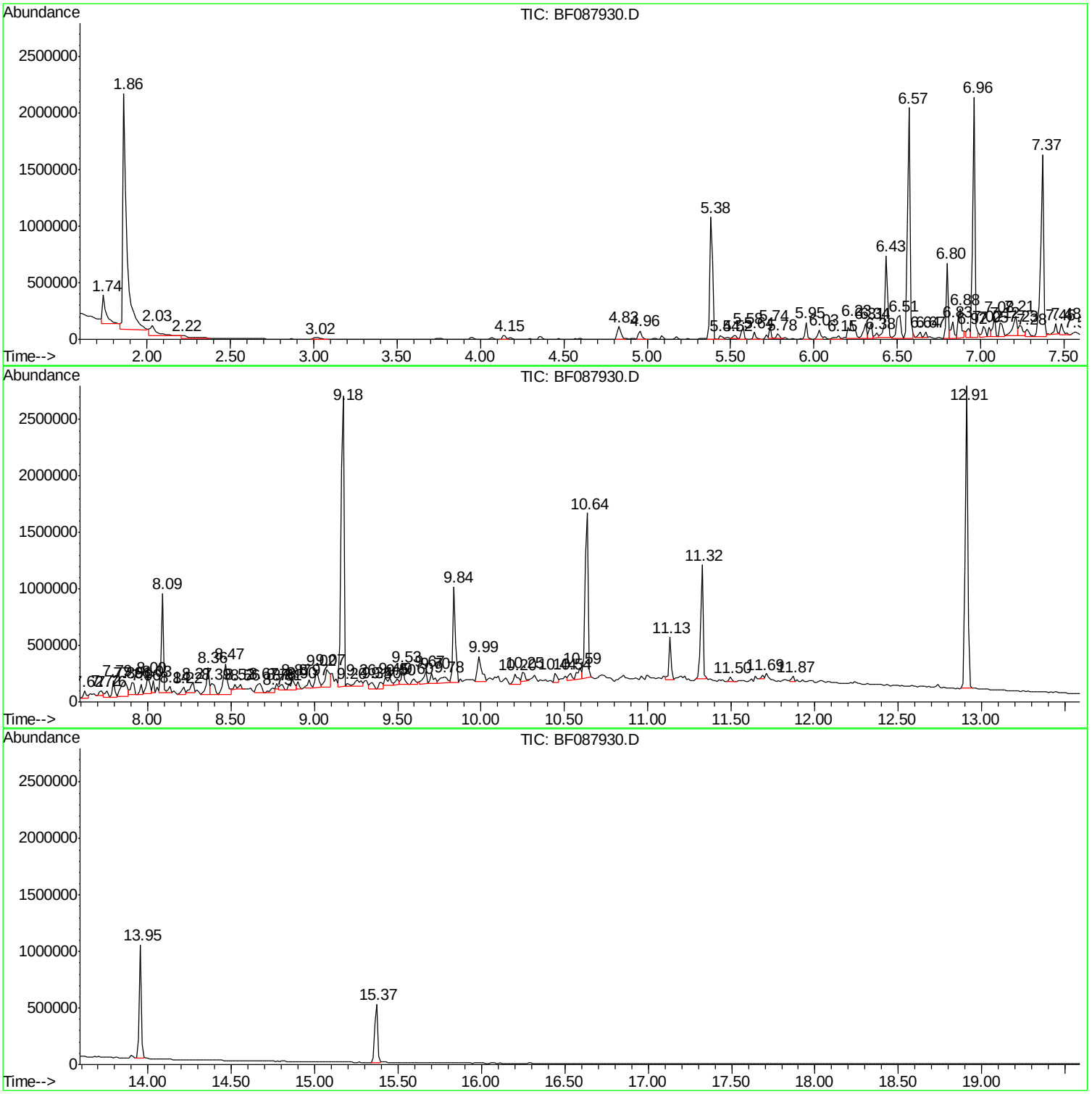
Operator : UM/SJ
Sample : H3501-24
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1

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\BF061116\
Data File : BF087930.D
Acq On : 12 Jun 2016 5:51
Operator : UM/SJ
Sample : H3501-24
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1

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

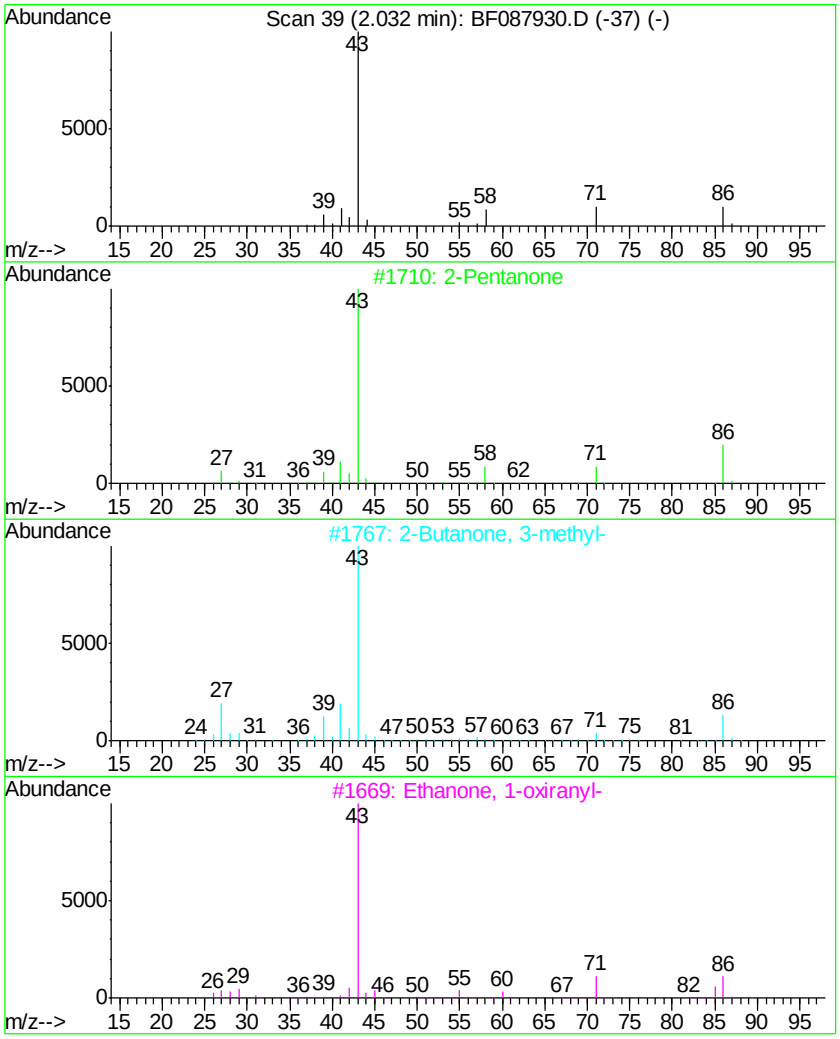
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

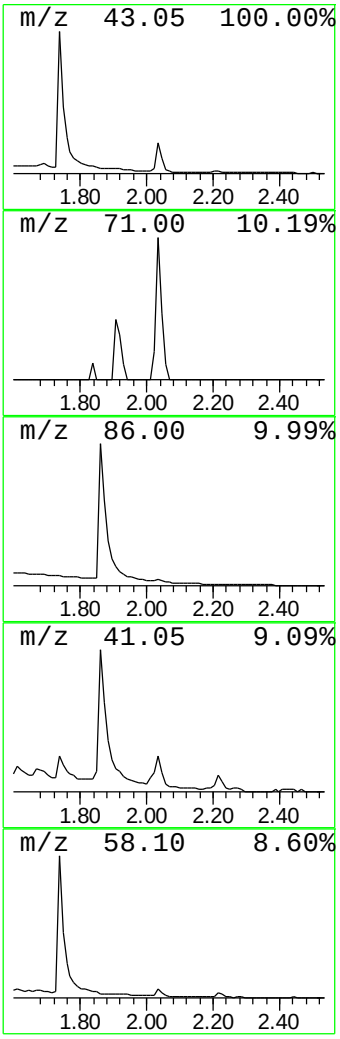
****

Peak Number 3 2-Pentanone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.03	9.02 ng	260056	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	72
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	64
3	Ethanone, 1-oxiranyl-	86	C4H6O2	004401-11-0	64
4	2,3-Pentanedione, 4-methyl-	114	C6H10O2	007493-58-5	36
5	2-Butanol, 3-methyl-, acetate	130	C7H14O2	005343-96-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087930.D
Acq On : 12 Jun 2016 5:51
Operator : UM/SJ
Sample : H3501-24
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1

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

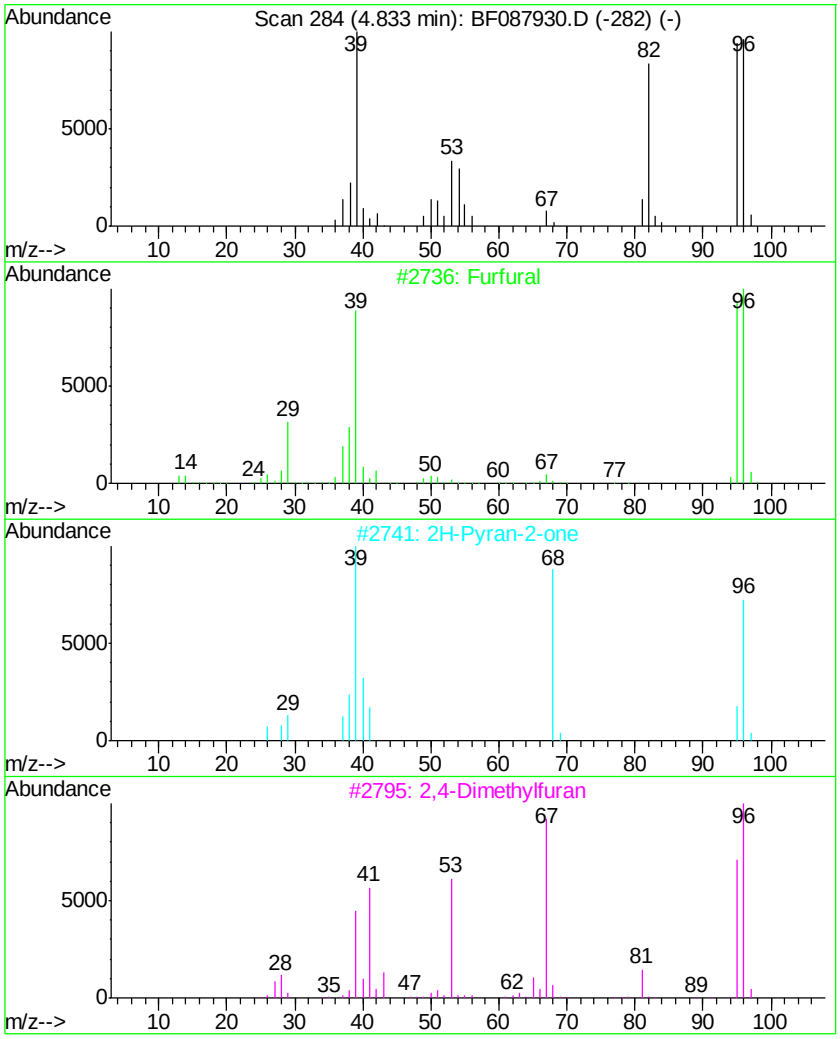
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

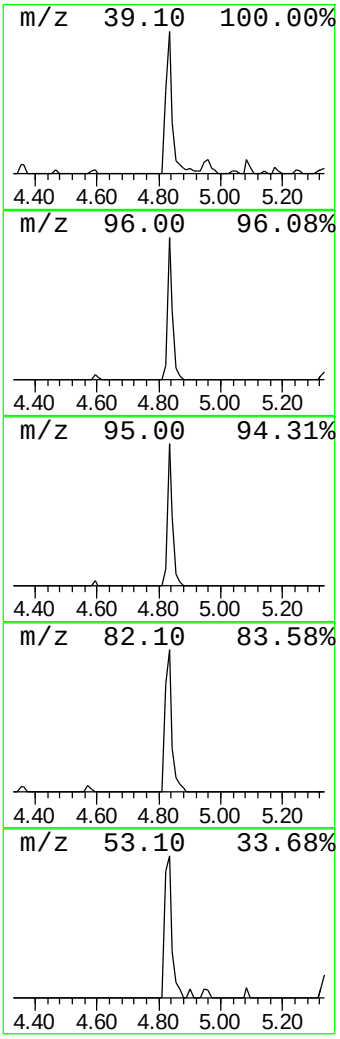
****

Peak Number 4 Furfural Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	5.33 ng	153564	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural	96	C5H4O2	000098-01-1	81
2	2H-Pyran-2-one	96	C5H4O2	000504-31-4	53
3	2,4-Dimethylfuran	96	C6H8O	003710-43-8	47
4	Furan	68	C4H4O	000110-00-9	43
5	1H-Imidazole, 1,5-dimethyl-	96	C5H8N2	010447-93-5	40





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Sample : H3501-24
Misc :
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Instrument : BNA_F
ClientSampleId : MW1

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

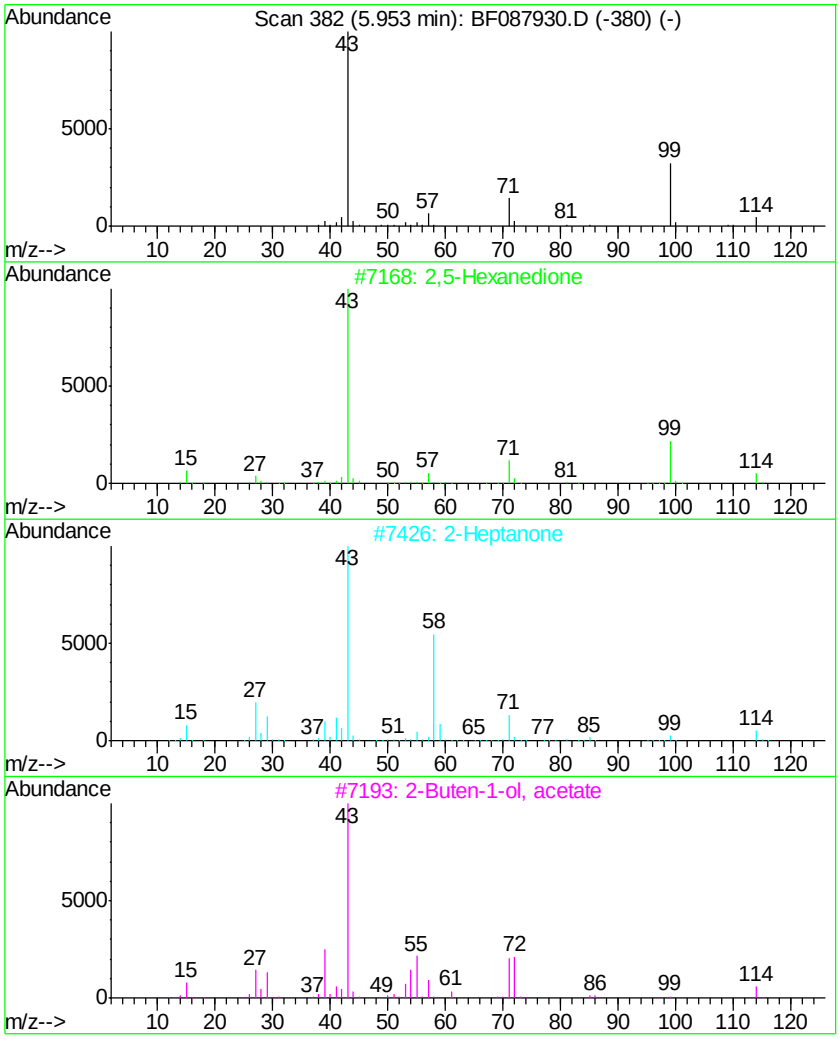
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

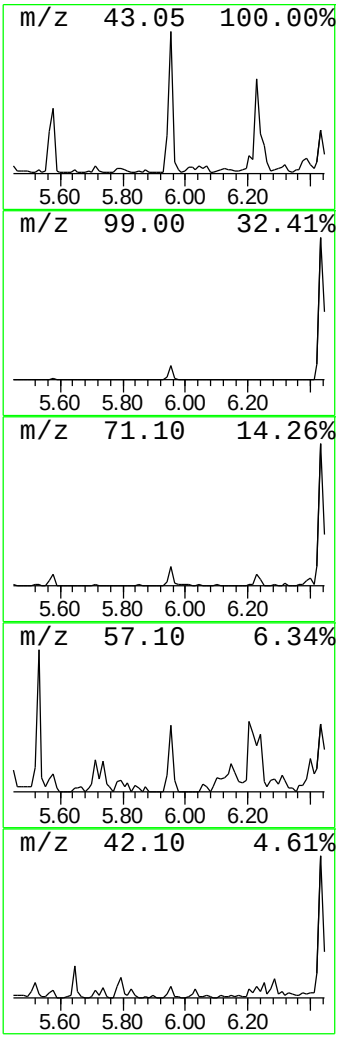
****

Peak Number 5 2,5-Hexanedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	4.67 ng	134623	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Hexanedione	114	C6H10O2	000110-13-4	86
2	2-Heptanone	114	C7H14O	000110-43-0	38
3	2-Buten-1-ol, acetate	114	C6H10O2	000628-08-0	38
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	9
5	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	9





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Acq On : 12 Jun 2016 5:51
Operator : UM/SJ
Sample : H3501-24
Misc :
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Instrument : BNA_F
ClientSampleId : MW1

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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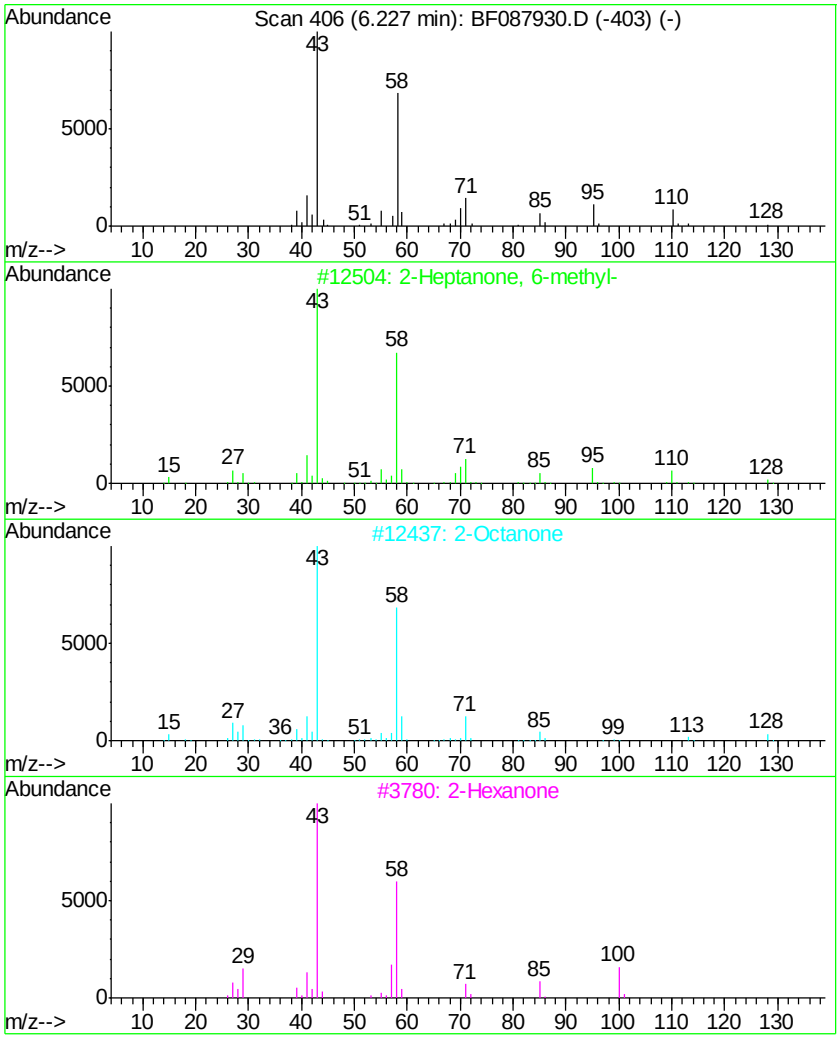
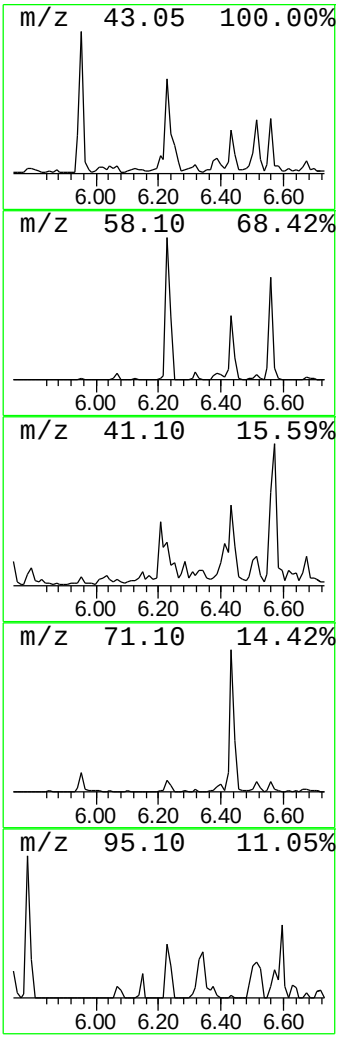
****

Peak Number 6 2-Heptanone, 6-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	11.66 ng	336109	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	90
2	2-Octanone	128	C8H16O	000111-13-7	58
3	2-Hexanone	100	C6H12O	000591-78-6	50
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	50
5	Oxirane, trimethyl-	86	C5H10O	005076-19-7	47





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Sample : H3501-24
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1

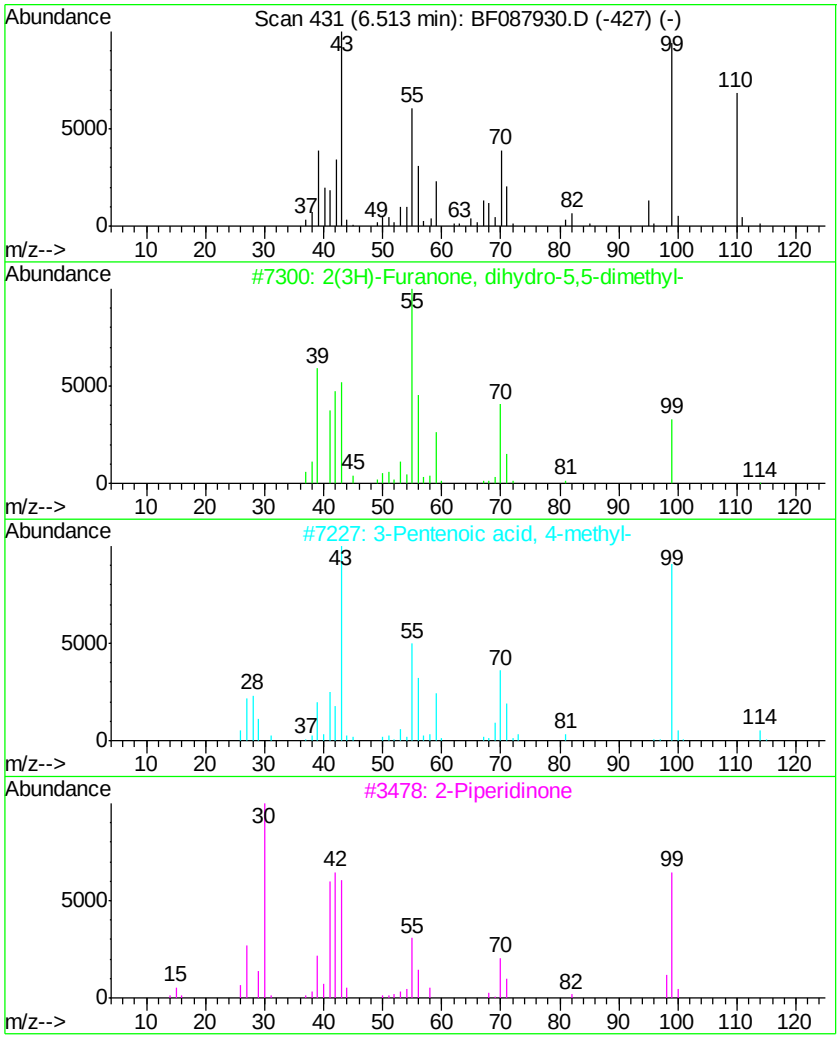
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

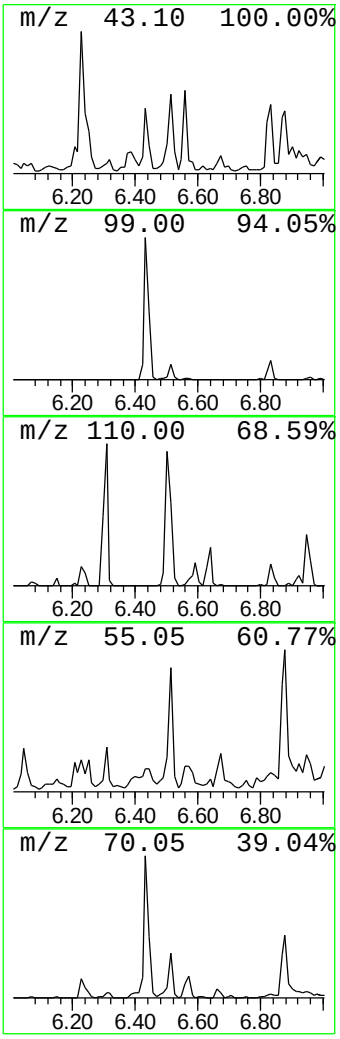
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2(3H)-Furanone, dihydro-5,5... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	11.47 ng	330624	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-5,5-dime...	114	C6H10O2	003123-97-5	76
2	3-Pentenoic acid, 4-methyl-	114	C6H10O2	000504-85-8	50
3	2-Piperidinone	99	C5H9NO	000675-20-7	43
4	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	35
5	1-Pyrrolidinecarboxaldehyde	99	C5H9NO	003760-54-1	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087930.D
Acq On : 12 Jun 2016 5:51
Operator : UM/SJ
Sample : H3501-24
Misc :
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Instrument : BNA_F
ClientSampleId : MW1

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

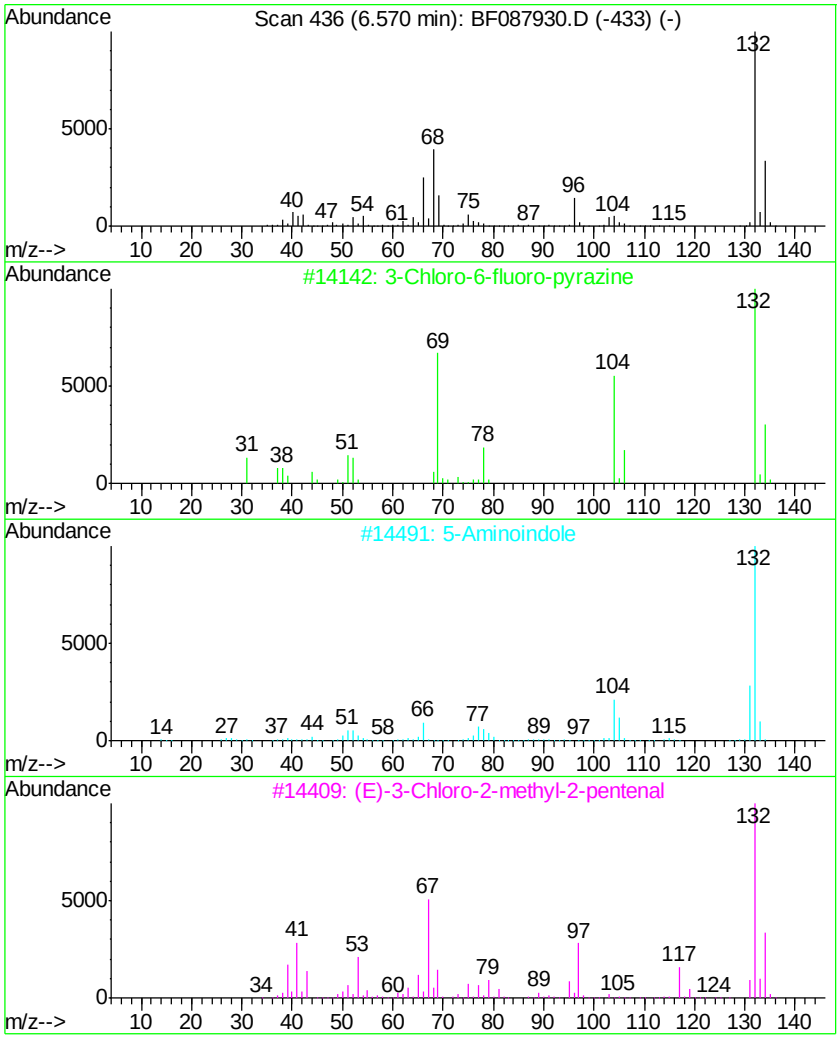
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

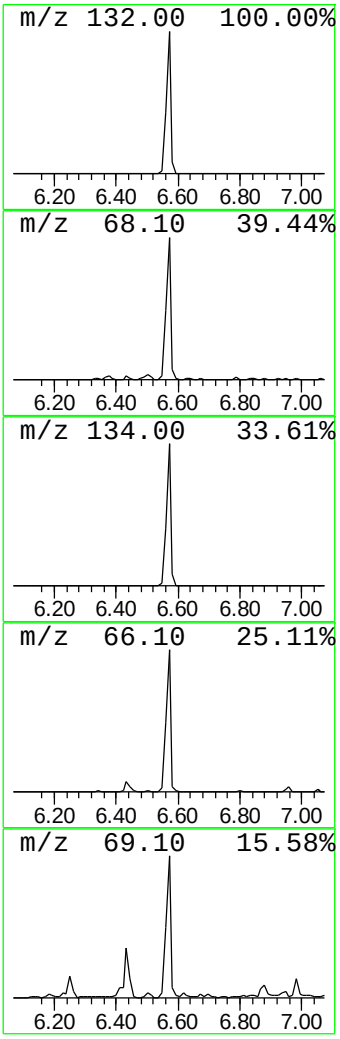
****

Peak Number 8 unknown6.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	79.17 ng	2282950	1,4-Dichlorobenzene-d4	6.80

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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Acq On : 12 Jun 2016 5:51
Operator : UM/SJ
Sample : H3501-24
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1

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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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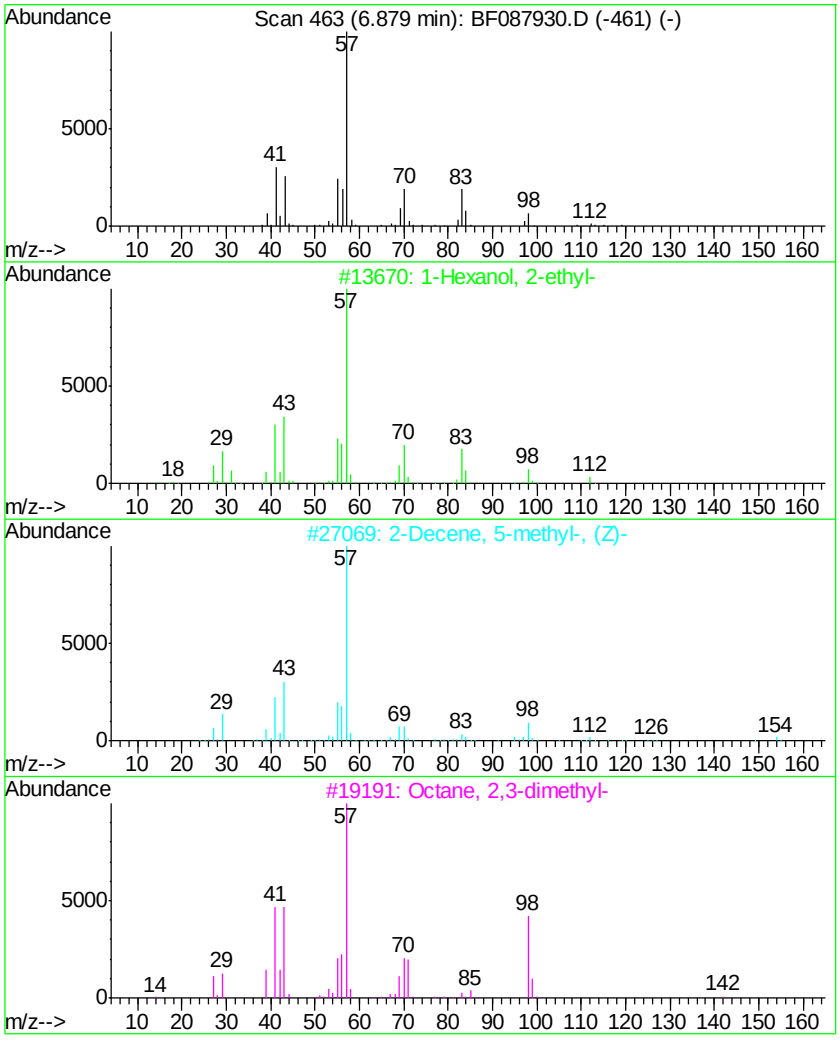
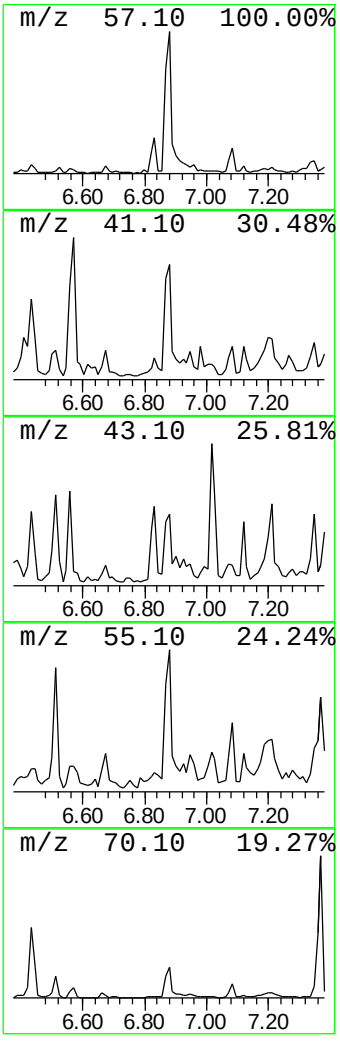
Peak Number 9 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	13.46 ng	388069	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	53
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	45
4	2-Ethylhexyl hydrogen maleate	228	C12H20O4	002370-71-0	42
5	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	40





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Sample : H3501-24
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1

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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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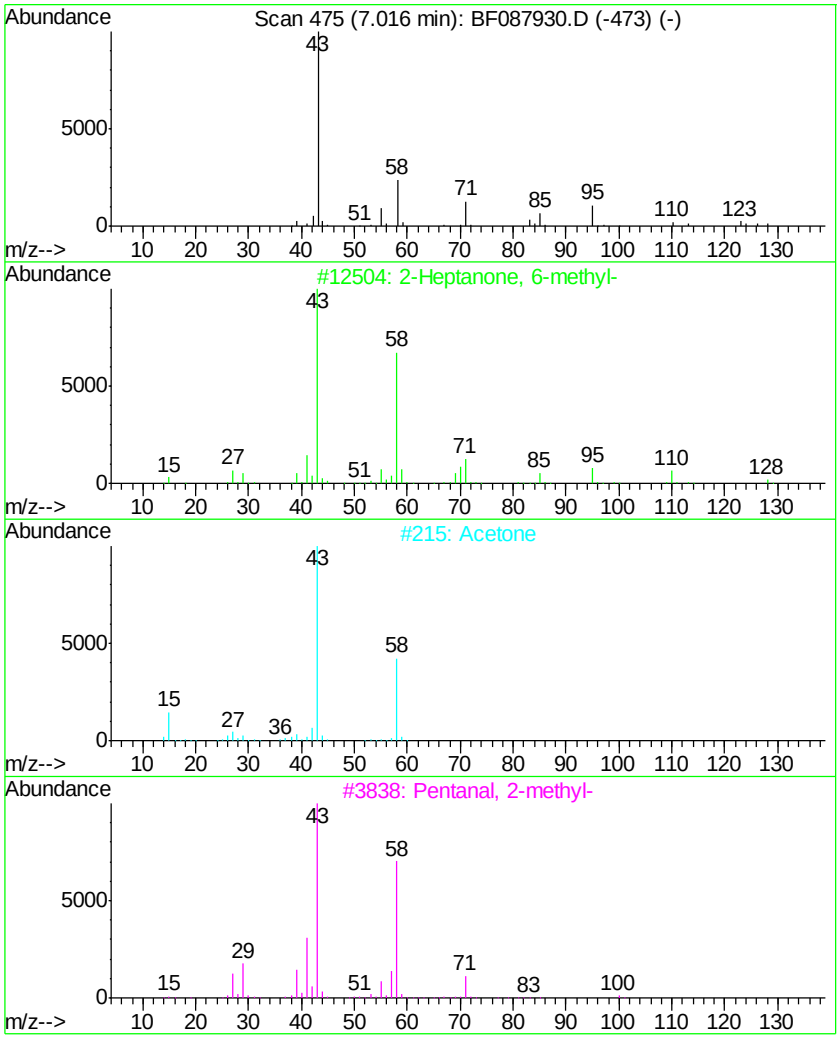
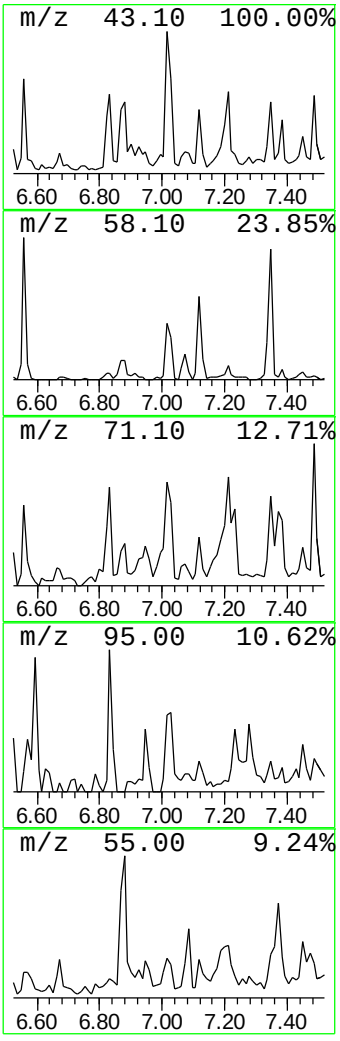
Peak Number 11 unknown7.02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	4.70 ng	135641	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	28
2	Acetone	58	C3H6O	000067-64-1	12
3	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	10
4	2-Heptanone, 3-methyl-	128	C8H16O	002371-19-9	9
5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	9





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Sample : H3501-24
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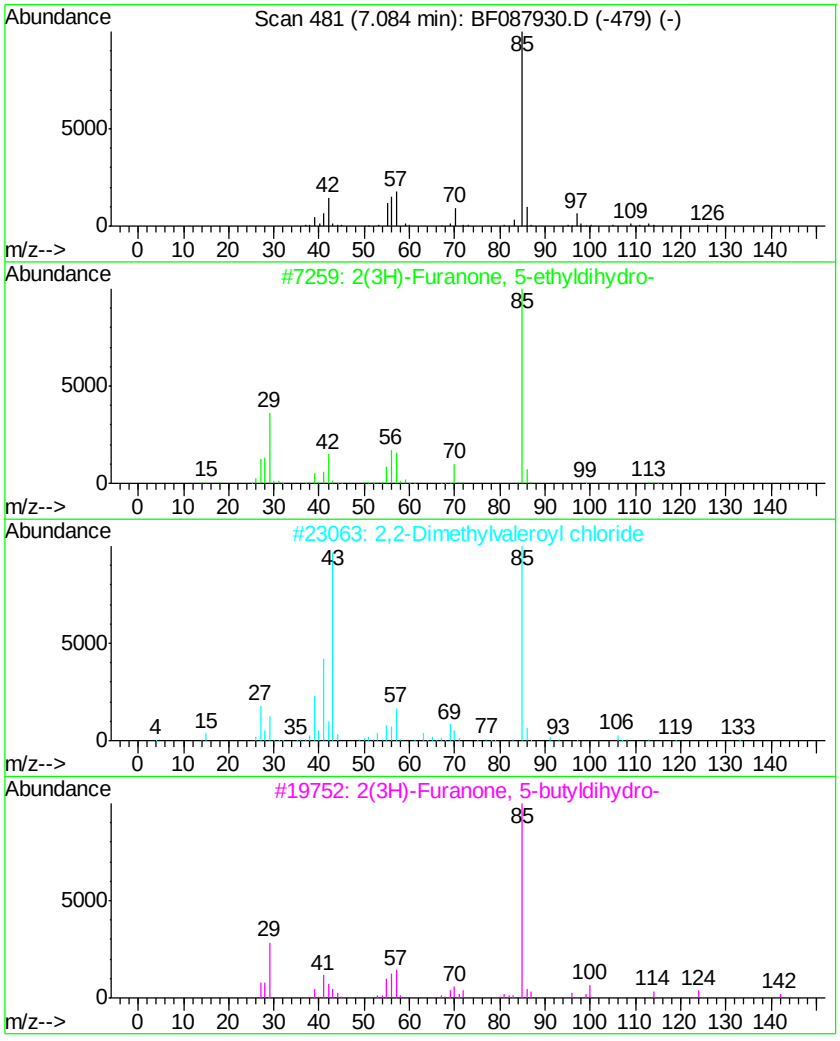
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

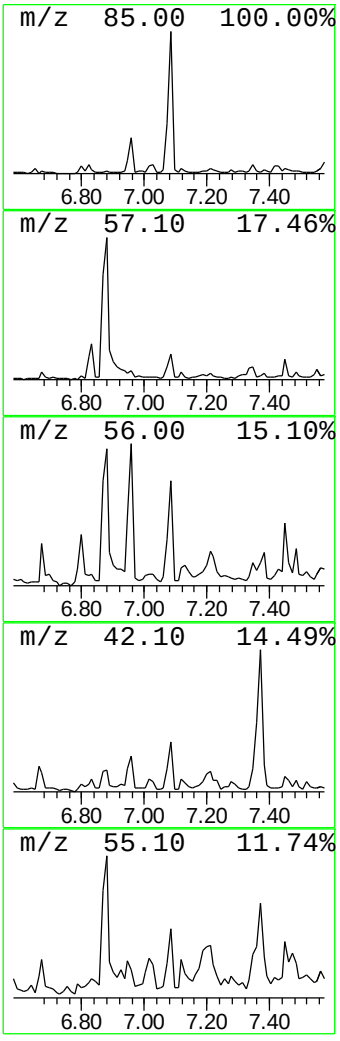
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2(3H)-Furanone, 5-ethyldihy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	6.29 ng	181388	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, 5-ethyldihydro-	114	C6H10O2	000695-06-7	87
2	2,2-Dimethylvaleroyl chloride	148	C7H13ClO	015721-22-9	64
3	2(3H)-Furanone, 5-butyldihydro-	142	C8H14O2	000104-50-7	64
4	Pentanal, 5-[(tetrahydro-2H-pyra...	186	C10H18O3	014194-86-6	45
5	2(3H)-Furanone, dihydro-5-pentyl-	156	C9H16O2	000104-61-0	39





Library Search Compound Report

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Sample : H3501-24
Misc :
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Instrument : BNA_F
ClientSampleId : MW1

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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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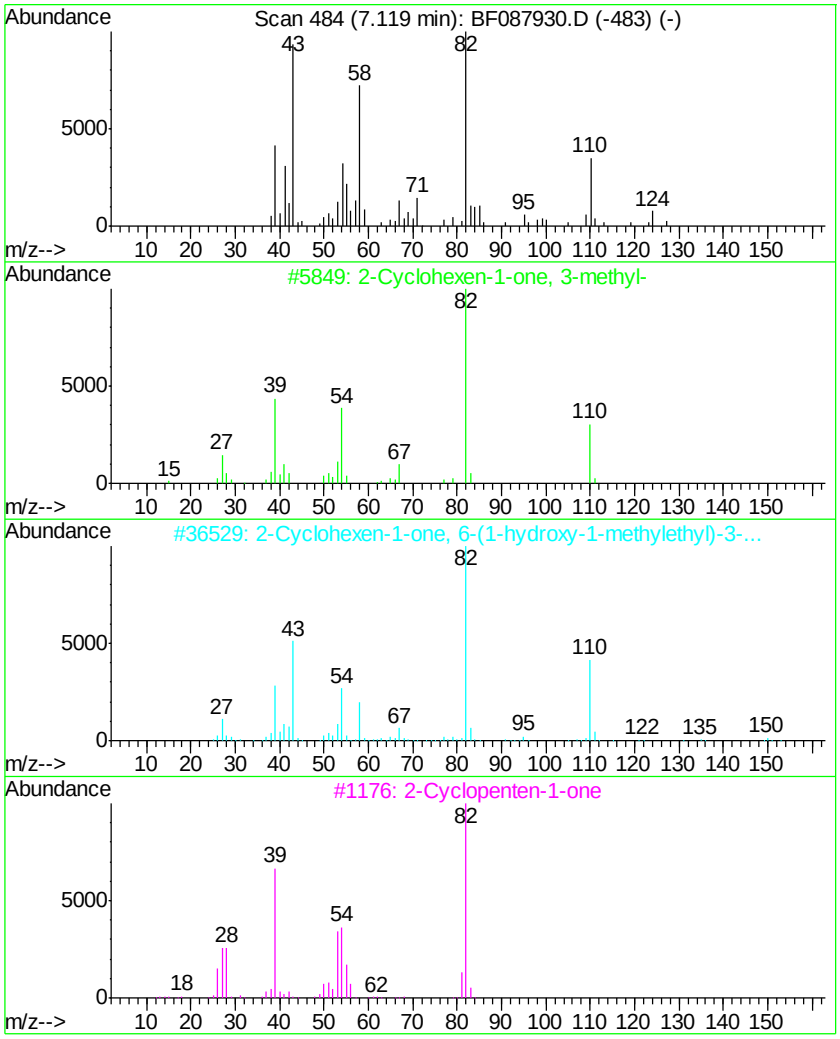
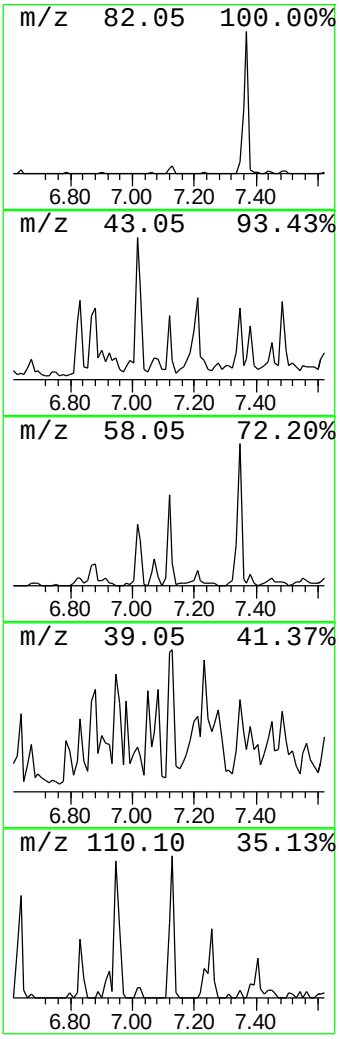
Peak Number 13 2-Cyclohexen-1-one, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	5.76 ng	166235	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	70
2	2-Cyclohexen-1-one, 6-(1-hydroxy...	168	C10H16O2	087791-00-2	47
3	2-Cyclopenten-1-one	82	C5H6O	000930-30-3	47
4	Histidine	155	C6H9N3O2	000071-00-1	38
5	2-Cyclohexen-1-one, 3,5-dimethyl-	124	C8H12O	001123-09-7	38





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Instrument : BNA_F
ClientSampleId : MW1

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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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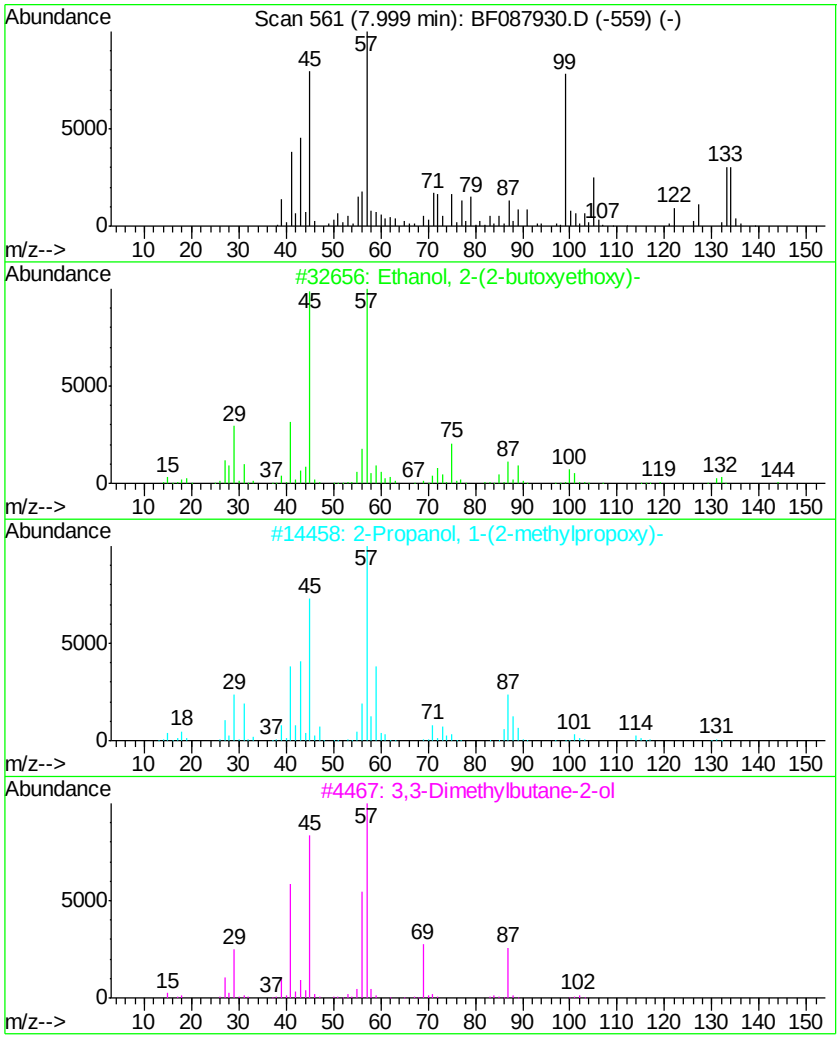
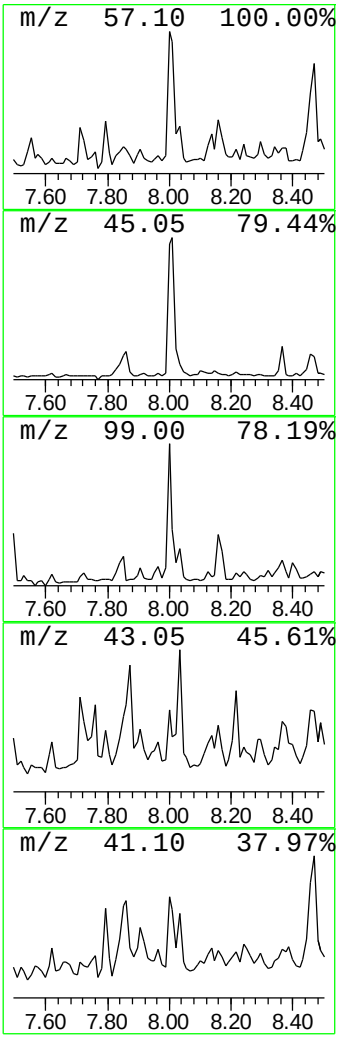
Peak Number 14 unknown8.00 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	5.97 ng	233620	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	30
2	2-Propanol, 1-(2-methylpropoxy)-	132	C7H16O2	023436-19-3	27
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	27
4	4-Heptanone, 2,2,3,3,5,5,6,6-oct...	226	C15H30O	016424-66-1	27
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	27





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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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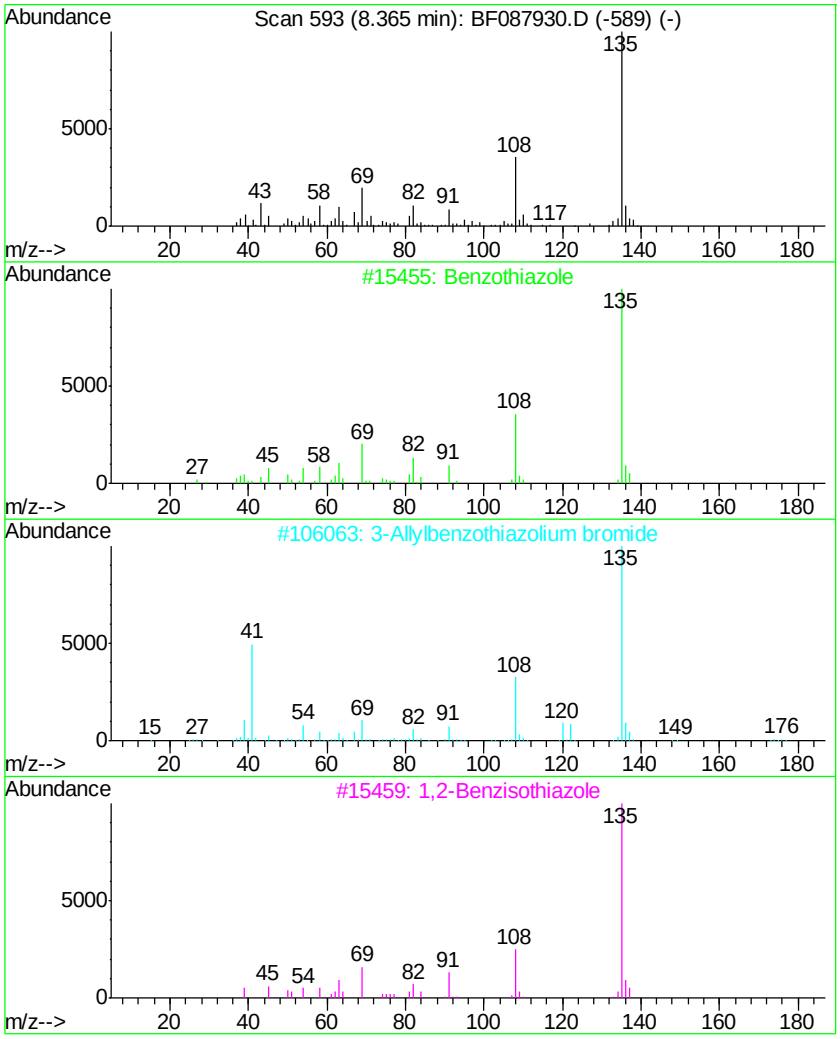
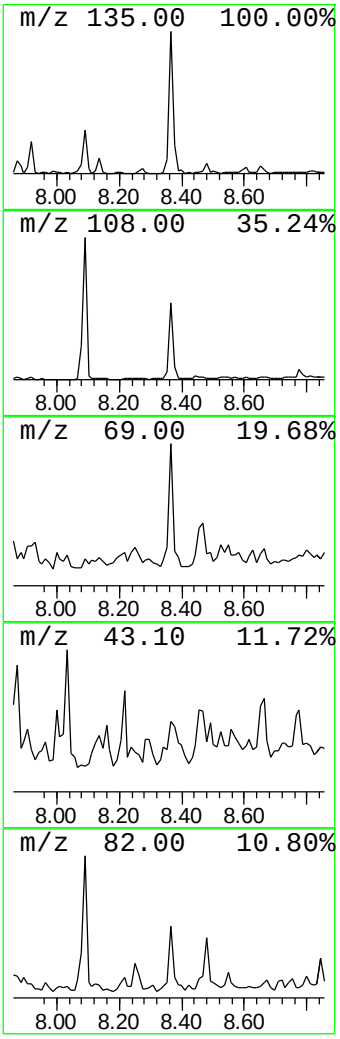
Peak Number 15 Benzothiazole Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	7.76 ng	303507	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	94
2	3-Allylbenzothiazolium bromide	255	C10H10BrNS	016407-55-9	78
3	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	78
4	2-Fluoro-4-cyanotoluene	135	C8H6FN	170572-49-3	64
5	1H-Pyrazolo[3,4-d]pyrimidin-4-amine	135	C5H5N5	002380-63-4	64





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Misc :
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Instrument : BNA_F
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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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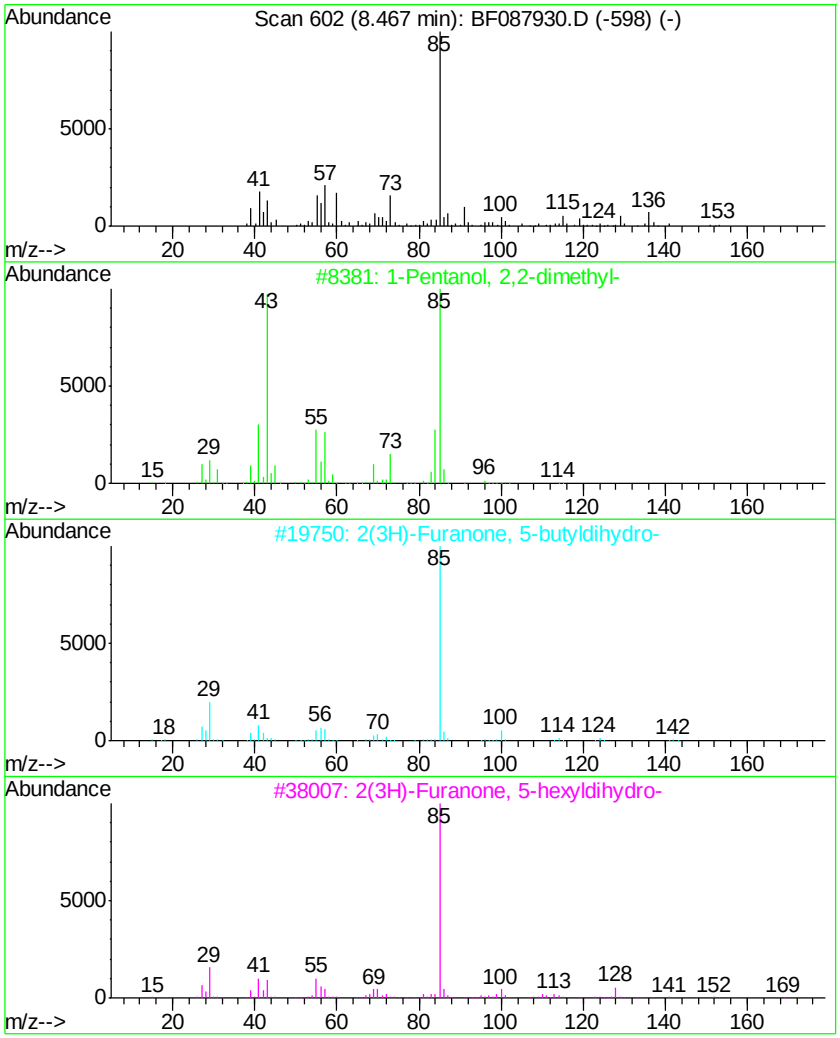
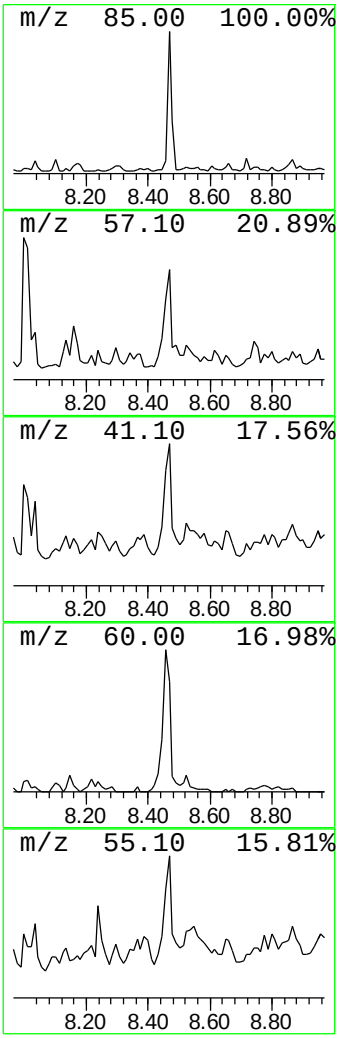
Peak Number 16 1-Pentanol, 2,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	12.68 ng	496381	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2,2-dimethyl-	116	C7H16O	002370-12-9	50
2	2(3H)-Furanone, 5-butyldihydro-	142	C8H14O2	000104-50-7	50
3	2(3H)-Furanone, 5-hexyldihydro-	170	C10H18O2	000706-14-9	50
4	2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	49
5	Thiazole	85	C3H3NS	000288-47-1	47





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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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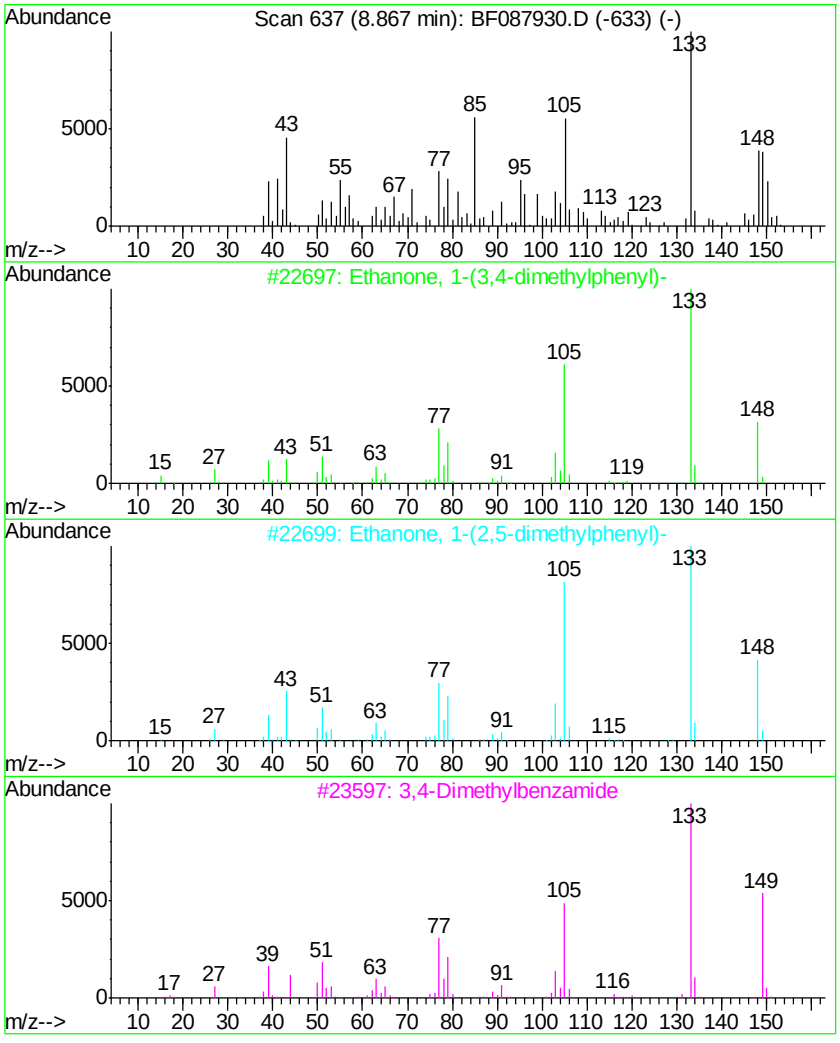
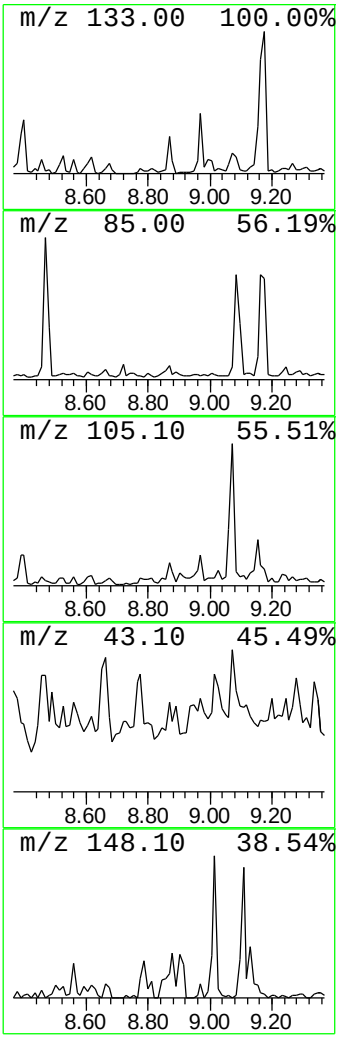
Peak Number 17 Ethanone, 1-(3,4-dimethylph... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	5.16 ng	202110	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	89
2	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	83
3	3,4-Dimethylbenzamide	149	C9H11NO	005580-33-6	50
4	Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	50
5	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	46





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

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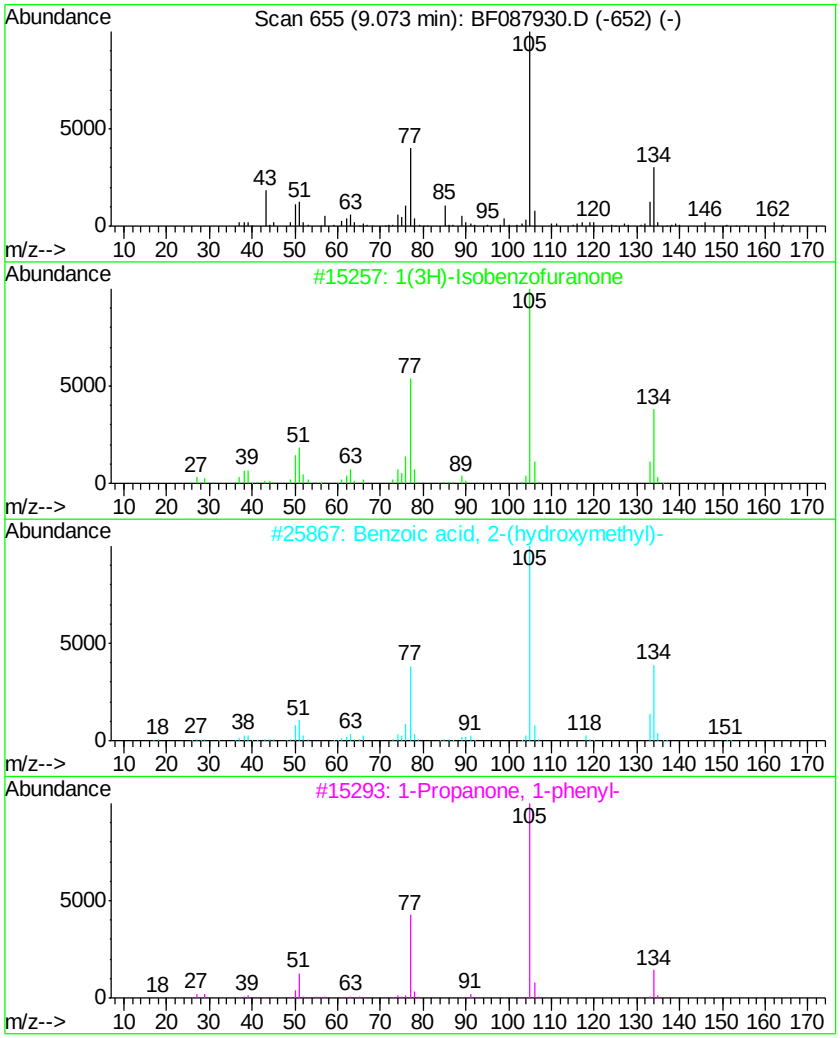
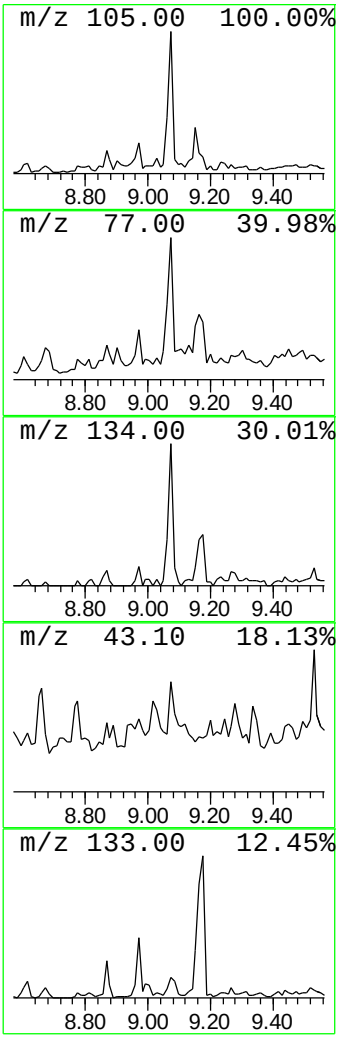
Peak Number 18 1(3H)-Isobenzofuranone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	7.74 ng	343075	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	94
2	Benzoic acid, 2-(hydroxymethyl)-	152	C8H8O3	000612-20-4	72
3	1-Propanone, 1-phenyl-	134	C9H10O	000093-55-0	53
4	(3-Ethyl-3-hydroxy-azetidin-1-yl...	205	C12H15NO2	1000193-32-6	50
5	Silane, triethylfluoro-	134	C6H15FSi	000358-43-0	50





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ClientSampleId : MW1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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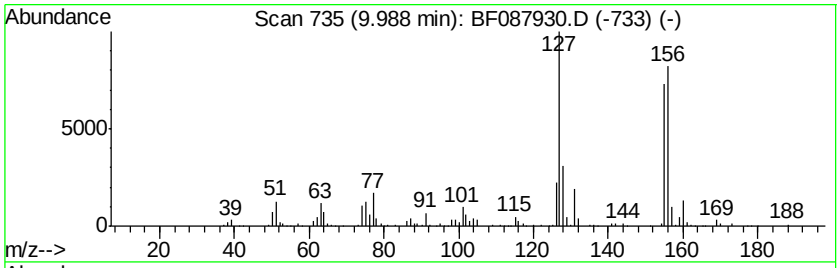
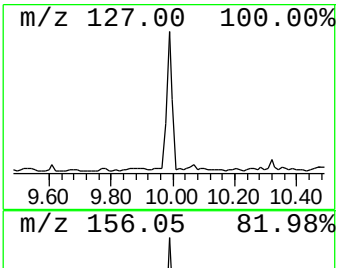
Peak Number 19 2-Naphthalenecarboxaldehyde Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	8.91 ng	394633	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarboxaldehyde	156	C11H8O	000066-99-9	98
2	1-Naphthalenecarboxaldehyde	156	C11H8O	000066-77-3	72
3	1H-Indole-3-acetonitrile	156	C10H8N2	000771-51-7	50
4	.beta.-Naphthamide	171	C11H9NO	002243-82-5	43
5	.alpha.-Naphthoylhydrazine	186	C11H10N2O	043038-45-5	43





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TIC Library : C:\Database\NIST11.L
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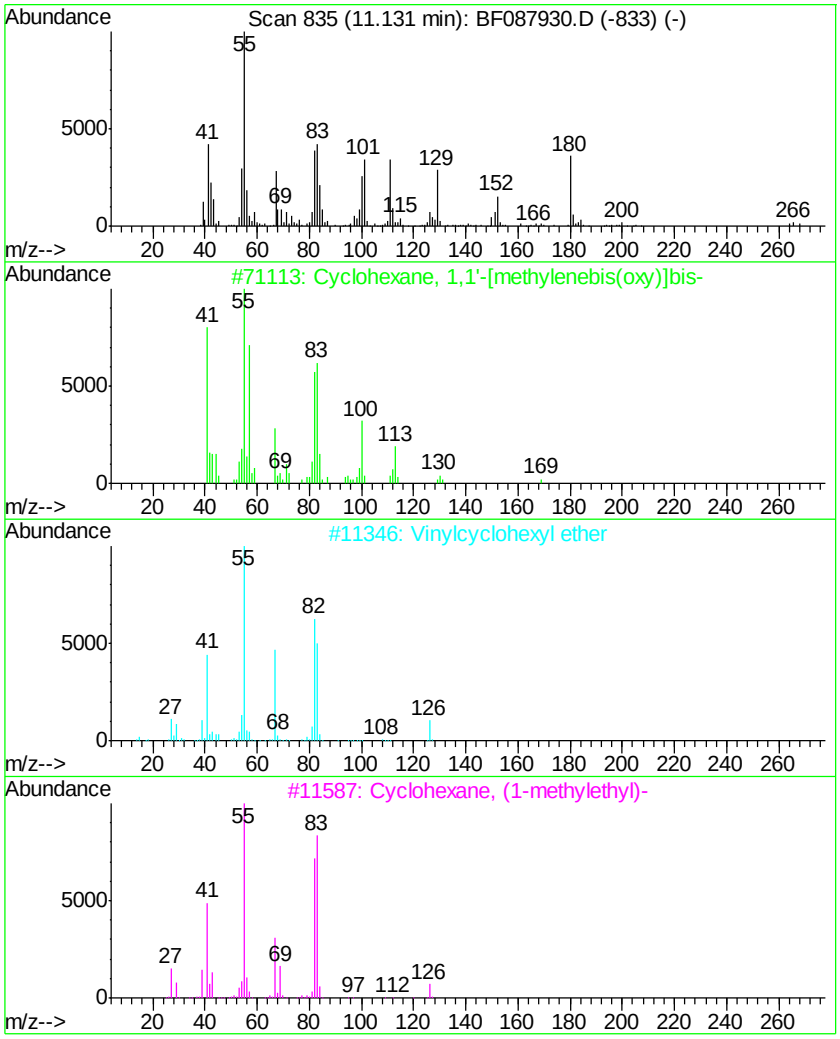
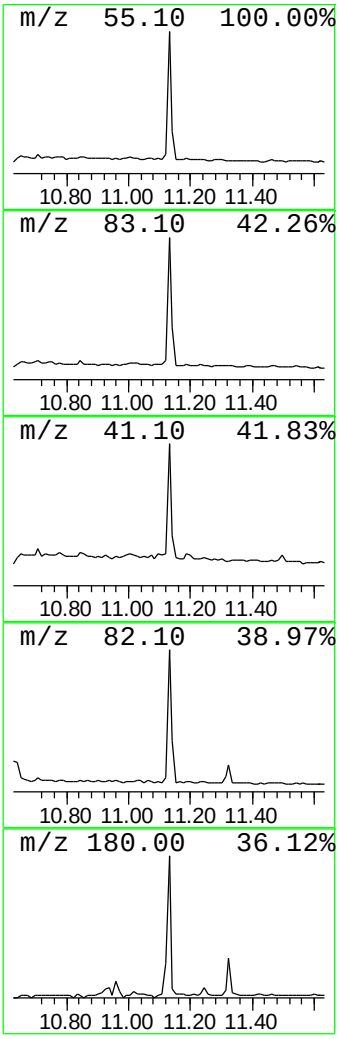
Peak Number 20 unknown11.13 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	7.63 ng	335278	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-[methylenebis(...	212	C13H24O2	001453-21-0	43
2	Vinylcyclohexyl ether	126	C8H14O	002182-55-0	38
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	27
4	Undecyl 5-bromovalerate	334	C16H31BrO2	300381-07-1	27
5	Chloroacetic acid, 6-chlorohexyl...	212	C8H14Cl2O2	1000330-85-5	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061116\
Data File : BF087930.D
Acq On : 12 Jun 2016 5:51
Operator : UM/SJ
Sample : H3501-24
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1

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	2.03	9.0	ng	260056	1	6.80	576755	20.0
Furfural	4.83	5.3	ng	153564	1	6.80	576755	20.0
2,5-Hexanedione	5.95	4.7	ng	134623	1	6.80	576755	20.0
2-Heptanone, 6-me...	6.23	11.7	ng	336109	1	6.80	576755	20.0
2(3H)-Furanone, d...	6.51	11.5	ng	330624	1	6.80	576755	20.0
unknown6.57	6.57	79.2	ng	2282950	1	6.80	576755	20.0
1-Hexanol, 2-ethyl-	6.88	13.5	ng	388069	1	6.80	576755	20.0
unknown7.02	7.02	4.7	ng	135641	1	6.80	576755	20.0
2(3H)-Furanone, 5...	7.08	6.3	ng	181388	1	6.80	576755	20.0
2-Cyclohexen-1-on...	7.12	5.8	ng	166235	1	6.80	576755	20.0
unknown8.00	8.00	6.0	ng	233620	2	8.09	782692	20.0
Benzothiazole	8.36	7.8	ng	303507	2	8.09	782692	20.0
1-Pentanol, 2,2-d...	8.47	12.7	ng	496381	2	8.09	782692	20.0
Ethanone, 1-(3,4-...	8.87	5.2	ng	202110	2	8.09	782692	20.0
1(3H)-Isobenzofur...	9.07	7.7	ng	343075	3	9.84	886273	20.0
2-Naphthalenecarb...	9.99	8.9	ng	394633	3	9.84	886273	20.0
unknown11.13	11.13	7.6	ng	335278	4	11.32	878354	20.0