LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087208.D
Acq On : 20 May 2016 3:15
Operator : UM/SJ
Sample : H3121-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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-BF051716.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	1.713	9	11	46	rVB	1990176	3894500	74.69%	5.980%
2	3.953	203	207	214	rBV	25462	65252	1.25%	0.100%
3	4.673	268	270	274	rBV	474865	654302	12.55%	1.005%
4	4.741	274	276	279	rVV	1322700	1450847	27.82%	2.228%
5	5.153	310	312	319	rBV	1096682	1948666	37.37%	2.992%
6	5.302	323	325	328	rVB2	38051	53206	1.02%	0.082%
7	5.530	341	345	346	rBV2	41376	83641	1.60%	0.128%
8	5.553	346	347	349	rVB	145990	116419	2.23%	0.179%
9	5.702	355	360	362	rBV	166062	263839	5.06%	0.405%
10	5.782	365	367	370	rVB2	66247	96935	1.86%	0.149%
11	5.896	374	377	381	rVB2	29034	81800	1.57%	0.126%
12	5.964	381	383	385	rBV2	51952	88682	1.70%	0.136%
13	6.010	385	387	390	rVB	146809	169115	3.24%	0.260%
14	6.067	390	392	393	rBV	88571	89843	1.72%	0.138%
15	6.159	397	400	402	rBV2	34220	63707	1.22%	0.098%
16	6.193	402	403	404	rBV	46535	52651	1.01%	0.081%
17	6.239	404	407	410	rVV	936966	1282578	24.60%	1.970%
18	6.342	413	416	418	rVV	3278031	3672571	70.43%	5.640%
19	6.410	420	422	424	rVB	49266	54233	1.04%	0.083%
20	6.513	428	431	434	rBV3	178283	417427	8.01%	0.641%
21	6.570	434	436	439	rVB2	638904	1034206	19.83%	1.588%
22	6.719	447	449	454	rVB2	2910745	4083577	78.31%	6.271%
23	6.822	456	458	463	rVB2	453844	516084	9.90%	0.793%
24	6.913	463	466	468	rBV	397458	477883	9.16%	0.734%
25	6.947	468	469	471	rVB	143381	170153	3.26%	0.261%
26	6.982	471	472	473	rBV	54349	62195	1.19%	0.096%
27	7.016	473	475	479	rVB4	35035	70579	1.35%	0.108%
28	7.107	479	483	484	rBV2	599921	877975	16.84%	1.348%
29	7.142	484	486	489	rVV2	2520481	3227245	61.89%	4.956%
30	7.222	489	493	495	rVB4	259811	417182	8.00%	0.641%
31	7.256	495	496	498	rBV	204712	243621	4.67%	0.374%
32	7.347	501	504	505	rBV	852501	839076	16.09%	1.288%
33	7.370	505	506	508	rVB2	158419	143937	2.76%	0.221%
34	7.427	508	511	513	rVB4	87906	174721	3.35%	0.268%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.485	513	516	517	rBV2	233935	473830	9.09%	0.728%
36	7.519	517	519	523	rVB2	354562	672365	12.89%	1.032%
37	7.599	523	526	528	rBV3	137281	286211	5.49%	0.440%
38	7.633	528	529	531	rVB2	128229	106038	2.03%	0.163%
39	7.679	531	533	536	rBV4	184474	445068	8.54%	0.683%
40	7.736	536	538	540	rBV2	143996	224411	4.30%	0.345%
41	7.793	540	543	544	rBV2	195280	291798	5.60%	0.448%
42	7.850	546	548	552	rVV2	1143580	1807324	34.66%	2.775%
43	7.908	552	553	554	rVB	395939	271416	5.20%	0.417%
44	7.953	554	557	558	rVB2	250908	273864	5.25%	0.421%
45	7.988	558	560	561	rBV2	162845	172115	3.30%	0.264%
46	8.010	561	562	564	rBV2	97979	112748	2.16%	0.173%
47	8.056	564	566	568	rBV3	300959	410407	7.87%	0.630%
48	8.102	568	570	571	rBV	344988	394033	7.56%	0.605%
49	8.136	571	573	576	rVB4	193567	379215	7.27%	0.582%
50	8.239	580	582	584	rVB	343499	455075	8.73%	0.699%
51	8.285	584	586	588	rBV	490377	833351	15.98%	1.280%
52	8.330	588	590	593	rVB3	274438	350515	6.72%	0.538%
53	8.388	593	595	597	rVB2	122121	113761	2.18%	0.175%
54	8.422	597	598	599	rVB	183110	125613	2.41%	0.193%
55	8.456	599	601	602	rBV2	84513	146628	2.81%	0.225%
56	8.513	604	606	608	rBV	255263	324057	6.21%	0.498%
57	8.548	608	609	612	rVB	359228	316834	6.08%	0.487%
58	8.639	613	617	618	rBV4	231354	434884	8.34%	0.668%
59	8.673	618	620	624	rVB5	270246	523953	10.05%	0.805%
60	8.765	625	628	630	rVB3	188113	383298	7.35%	0.589%
61	8.833	632	634	635	rBV2	122316	105476	2.02%	0.162%
62	8.890	637	639	640	rVB	508479	610459	11.71%	0.937%
63	8.936	640	643	645	rBV	4234070	3870319	74.22%	5.943%
64	9.073	651	655	657	rBV4	178195	432236	8.29%	0.664%
65	9.199	664	666	668	rBV2	324571	592637	11.37%	0.910%
66	9.268	670	672	674	rVV	1046744	1371349	26.30%	2.106%
67	9.302	674	675	676	rVV	444448	371396	7.12%	0.570%
68	9.336	676	678	680	rVV	696050	866697	16.62%	1.331%
69	9.382	680	682	686	rVV2	531204	984850	18.89%	1.512%
70	9.462	687	689	692	rVB2	401311	475973	9.13%	0.731%
71	9.599	699	701	703	rVB	1077189	1088622	20.88%	1.672%

LSC Area Percent Report

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72	9.633	703	704	709	rVB4	335707	576880	11.06%	0.886%
73	9.702	709	710	713	rVB2	127399	219146	4.20%	0.337%
74	9.805	718	719	721	rVB	353678	354675	6.80%	0.545%
75	9.851	721	723	728	rBV4	240422	664299	12.74%	1.020%
76	9.919	728	729	731	rVV2	335515	423826	8.13%	0.651%
77	9.953	731	732	734	rVV	496806	547711	10.50%	0.841%
78	9.988	734	735	738	rVV3	288430	491002	9.42%	0.754%
79	10.045	738	740	743	rVV3	486949	663068	12.72%	1.018%
80	10.148	747	749	750	rVB2	132908	152606	2.93%	0.234%
81	10.262	757	759	761	rVB	154796	174897	3.35%	0.269%
82	10.319	761	764	765	rVV	275188	400729	7.68%	0.615%
83	10.399	767	771	774	rVV	3639464	5214544	100.00%	8.007%
84	10.445	774	775	779	rVV4	219562	361379	6.93%	0.555%
85	10.525	779	782	785	rVB	257575	472176	9.05%	0.725%
86	10.959	818	820	821	rVB	117206	106494	2.04%	0.164%
87	11.085	828	831	833	rBV	688548	901994	17.30%	1.385%
88	11.336	851	853	856	rVB3	55371	86036	1.65%	0.132%
89	11.634	877	879	882	rBV2	241250	287485	5.51%	0.441%
90	12.411	945	947	949	rBV	68648	75953	1.46%	0.117%
91	12.445	949	950	953	rVB	62333	68648	1.32%	0.105%
92	12.491	953	954	957	rVB3	144861	175455	3.36%	0.269%
93	12.662	966	969	971	rBV	3137378	2899619	55.61%	4.453%
94	13.199	1014	1016	1017	rBV	89362	91231	1.75%	0.140%
95	13.234	1017	1019	1025	rVB2	29450	68908	1.32%	0.106%
96	13.565	1046	1048	1055	rVB	76327	124974	2.40%	0.192%
97	13.702	1058	1060	1063	rBV	780310	769132	14.75%	1.181%
98	15.063	1176	1179	1183	rVB	475721	710409	13.62%	1.091%

Sum of corrected areas: 65120750

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Instrument :
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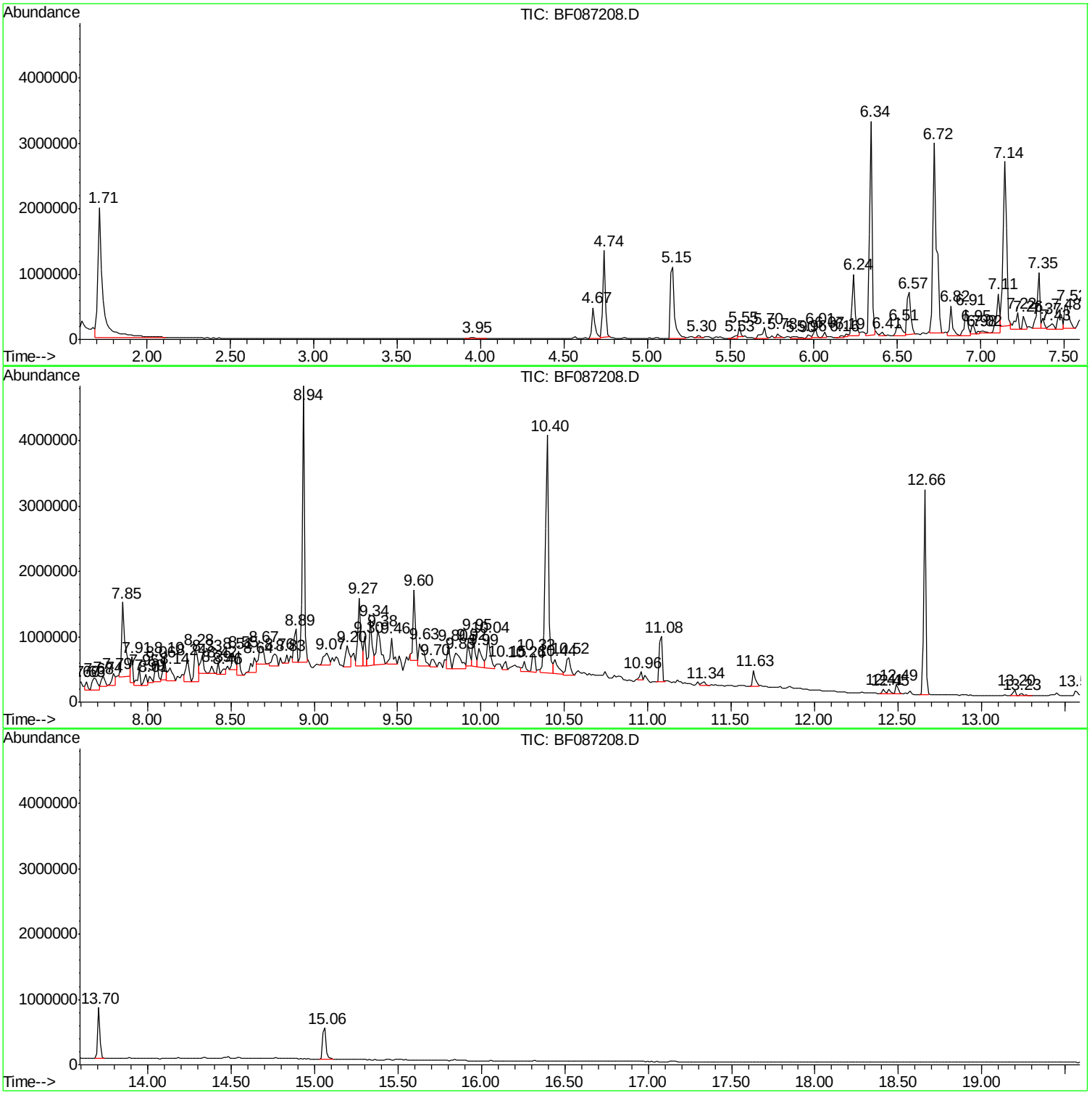
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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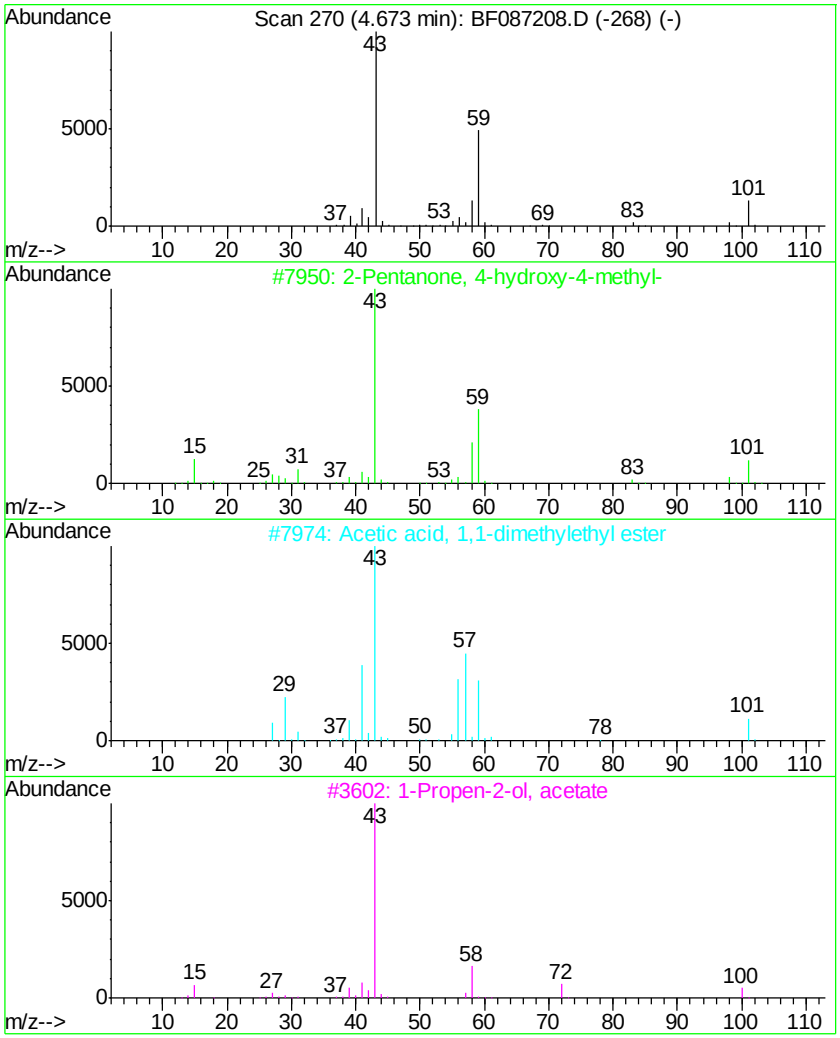
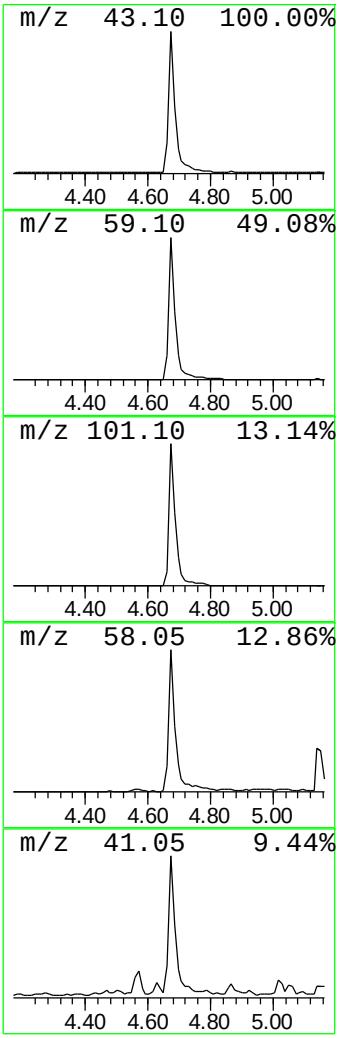
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	12.65 ng	654302	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Acetic acid, 2-propenyl ester	100	C5H8O2	000591-87-7	9





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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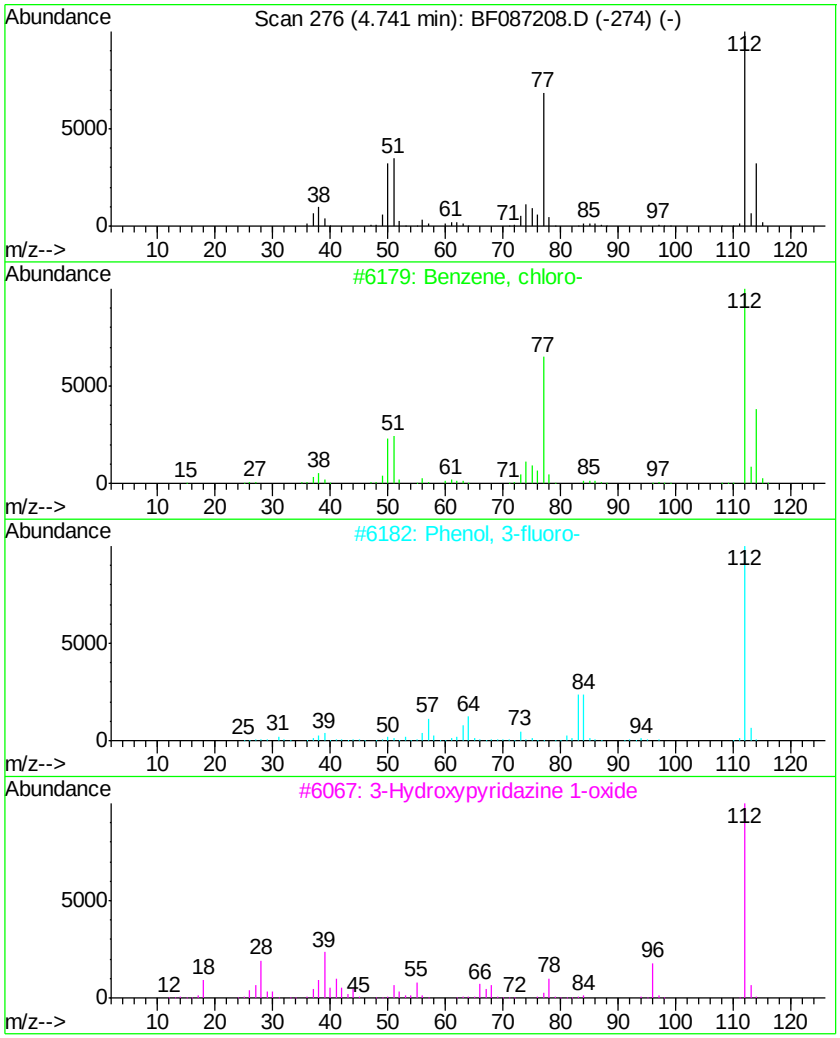
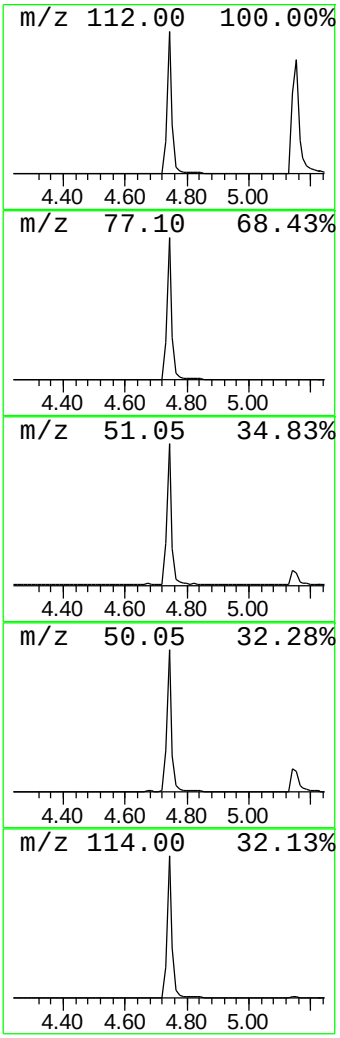
****

Peak Number 3 Benzene, chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	28.06 ng	1450850	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
2	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	30
3	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	27
4	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	12
5	4-Benzamido-4-dichloromethyl-2-p...	361	C17H13Cl2N3O2	076543-29-8	10





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TIC Library : C:\DATABASE\NIST02.L
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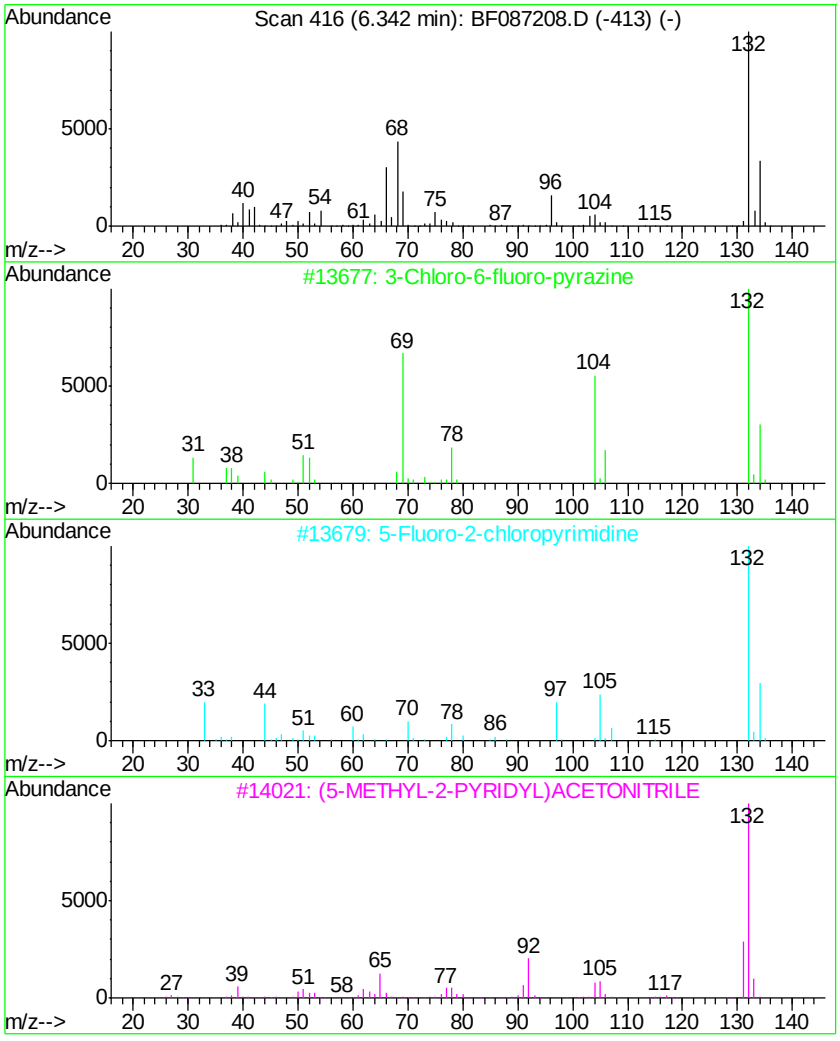
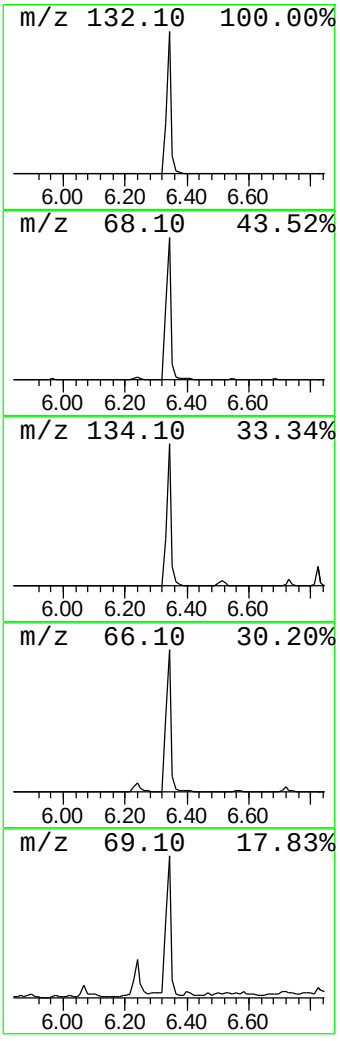
****

Peak Number 4 unknown6.34 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	71.02 ng	3672570	1,4-Dichlorobenzene-d4	6.57

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	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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TIC Library : C:\DATABASE\NIST02.L
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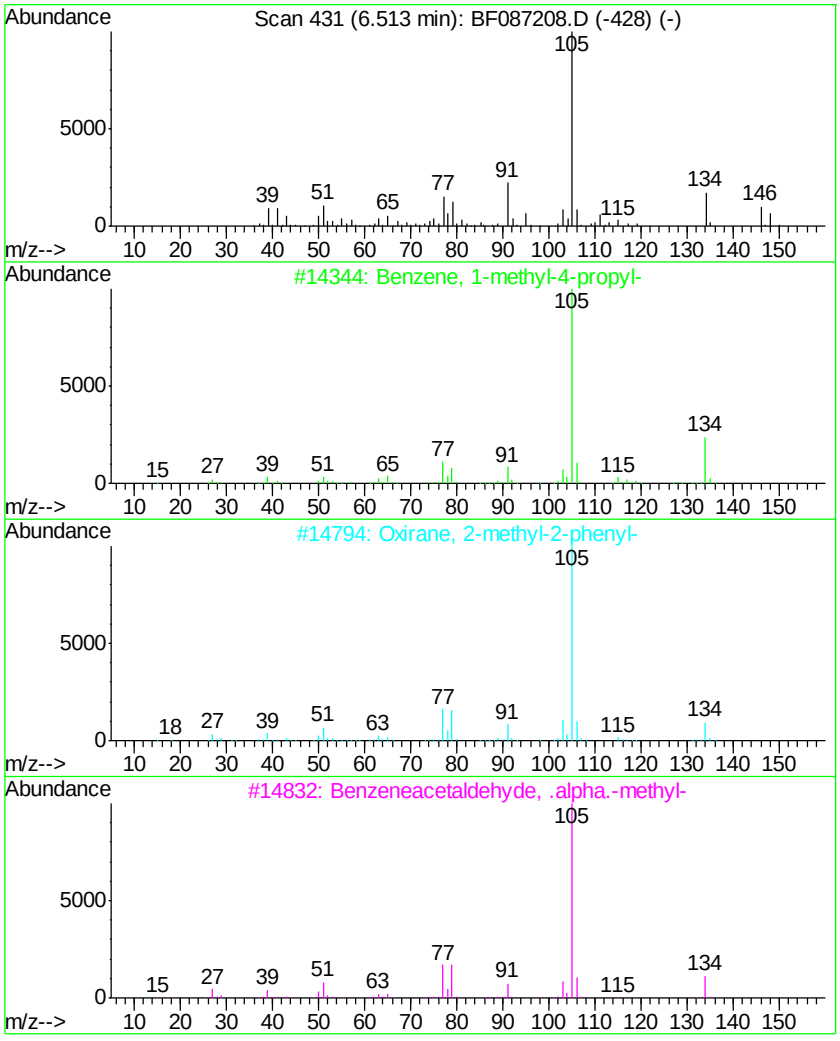
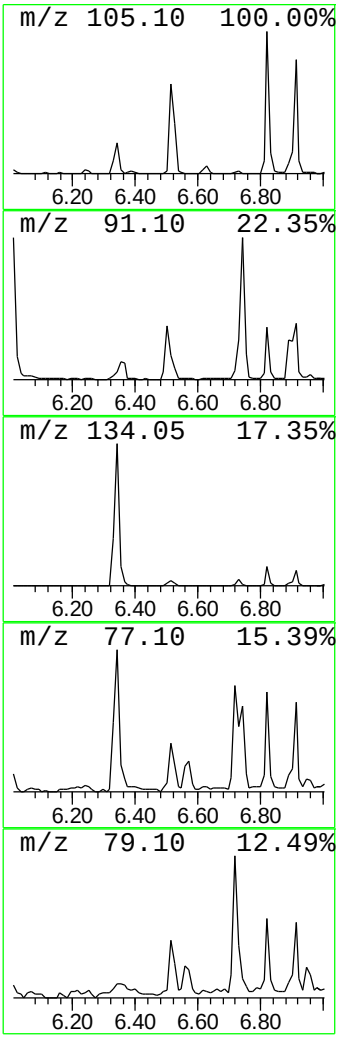
****

Peak Number 5 Benzene, 1-methyl-4-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	8.07 ng	417427	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
2	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	53
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	53
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	49
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	47





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Sample : H3121-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

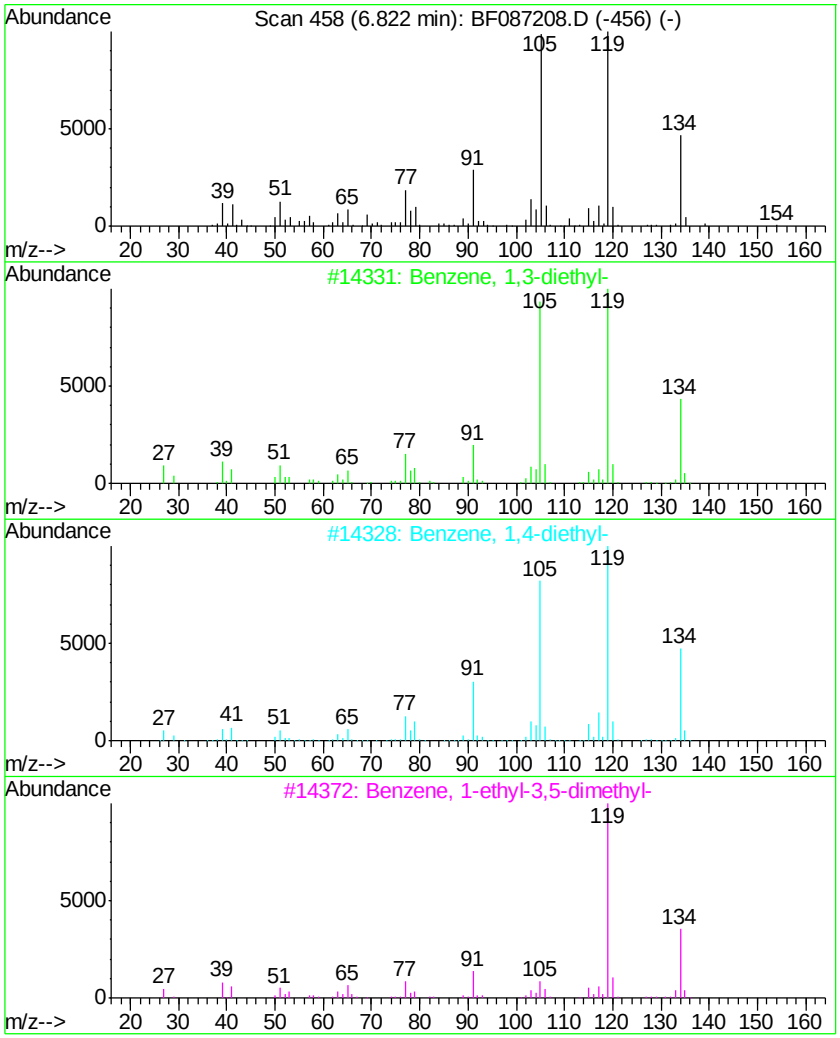
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

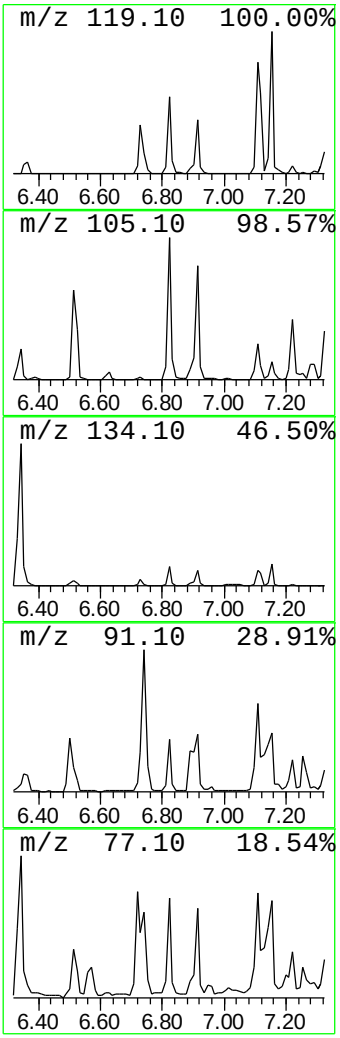
****

Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	9.98 ng	516084	1,4-Dichlorobenzene-d4	6.57

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-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	81





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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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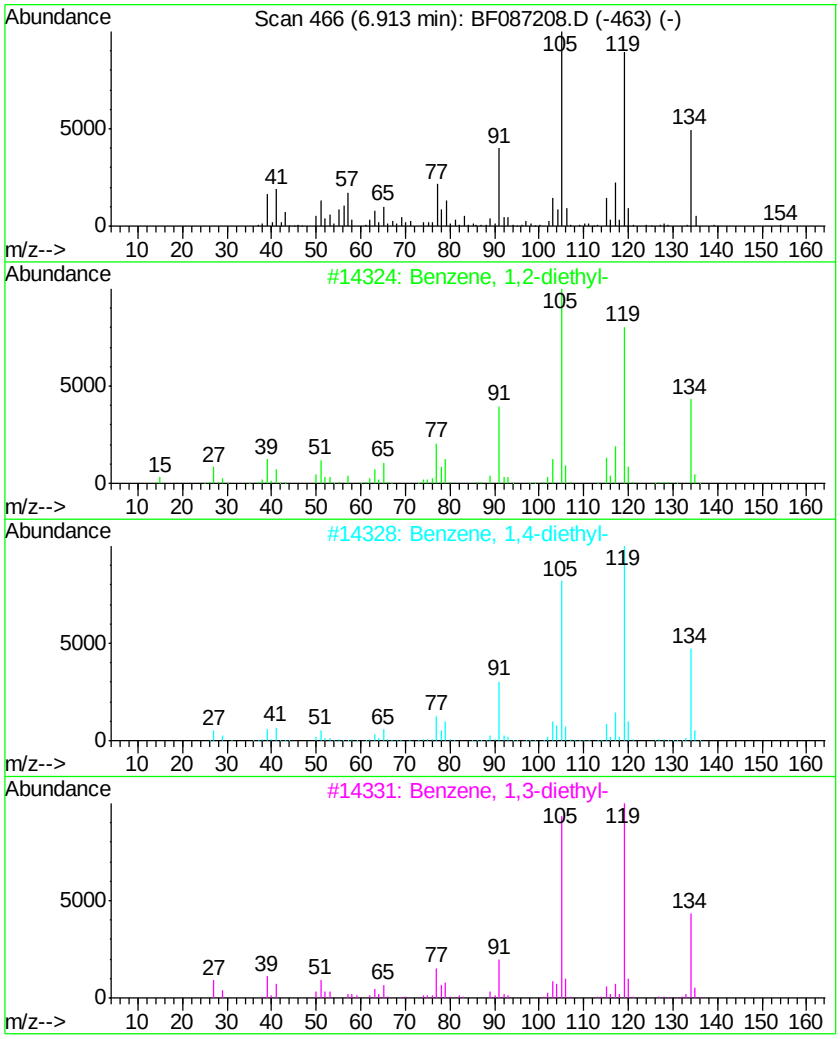
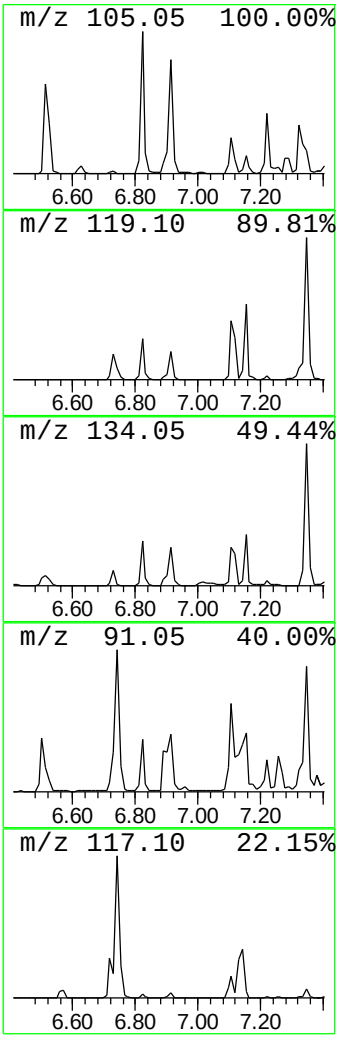
Peak Number 8 Benzene, 1,2-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	9.24 ng	477883	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	74





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Data File : BF087208.D
Acq On : 20 May 2016 3:15
Operator : UM/SJ
Sample : H3121-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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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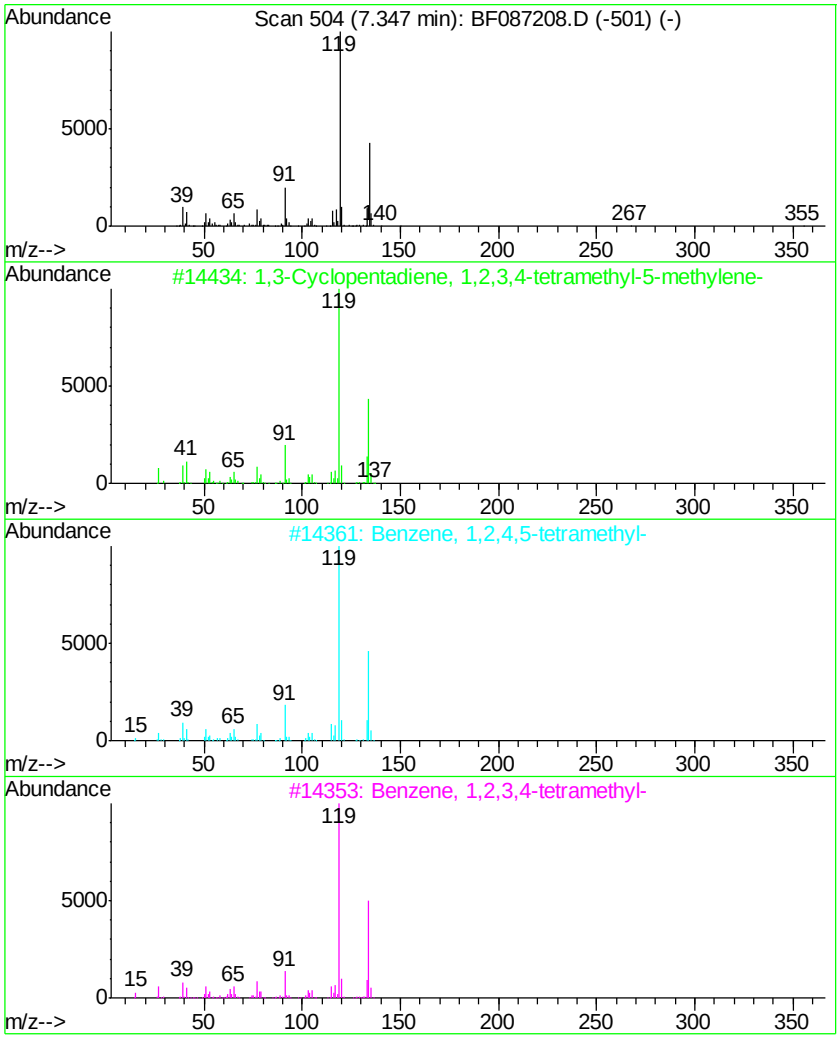
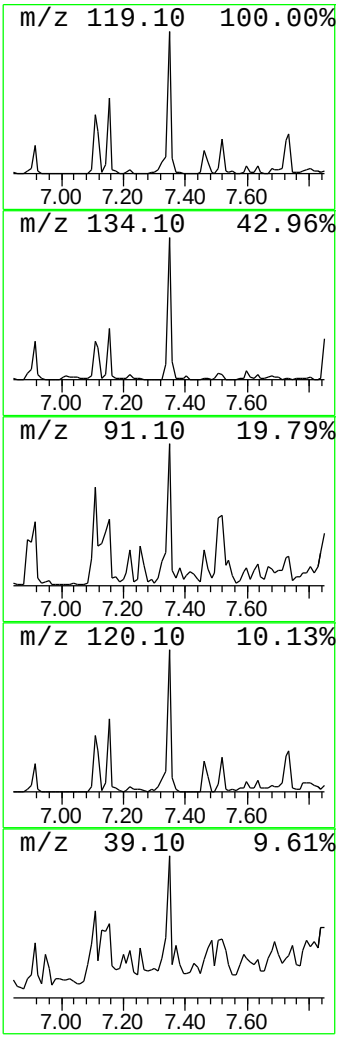
Peak Number 9 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	9.29 ng	839076	Naphthalene-d8	7.85

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





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Sample : H3121-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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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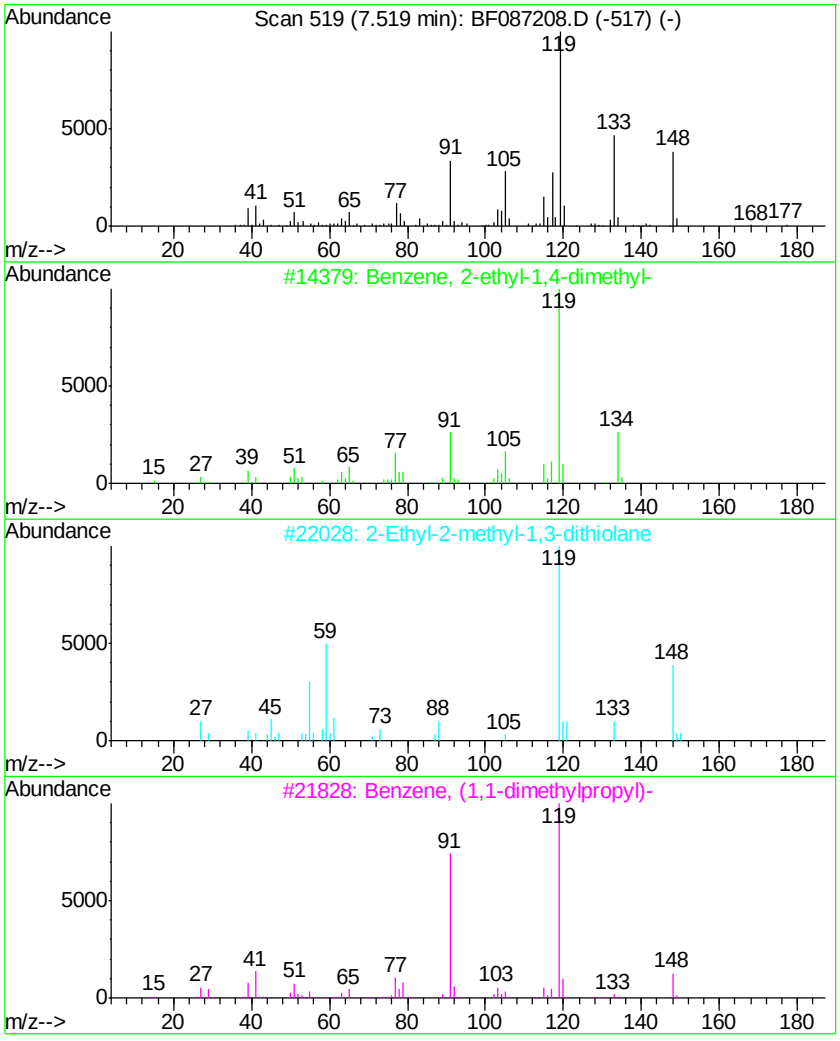
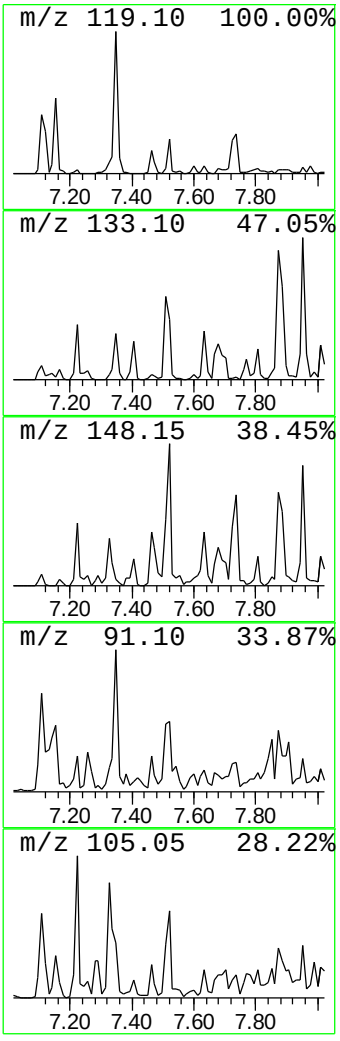
Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	7.44 ng	672365	Naphthalene-d8	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	55
2	2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	49
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	47
4	1(3H)-Isobenzofuranone, 5-methyl-	148	C9H8O2	054120-64-8	47
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	45





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Operator : UM/SJ
Sample : H3121-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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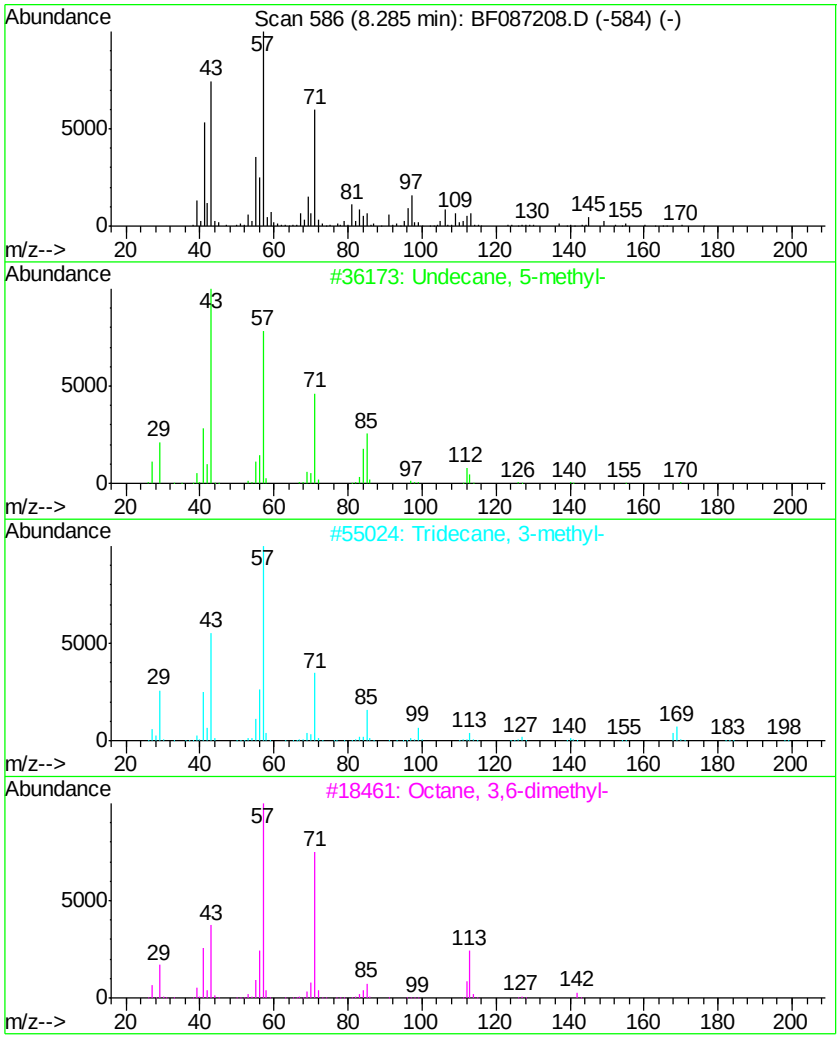
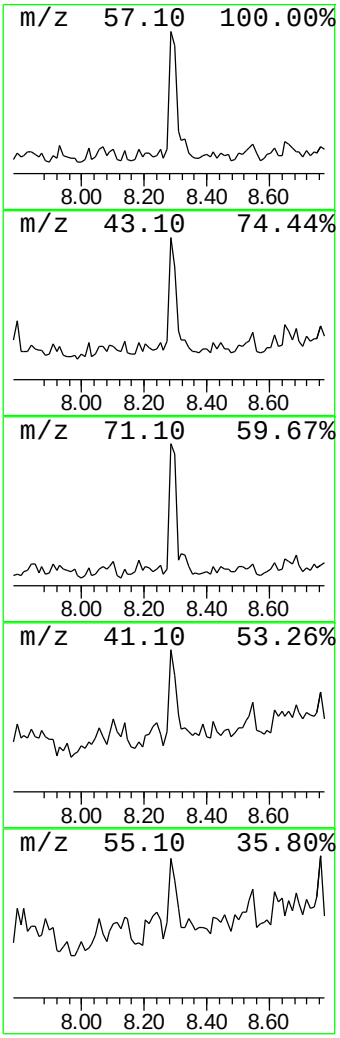
Peak Number 11 Undecane, 5-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	9.22 ng	833351	Naphthalene-d8	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	58
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	53
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	50
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	50





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Operator : UM/SJ
Sample : H3121-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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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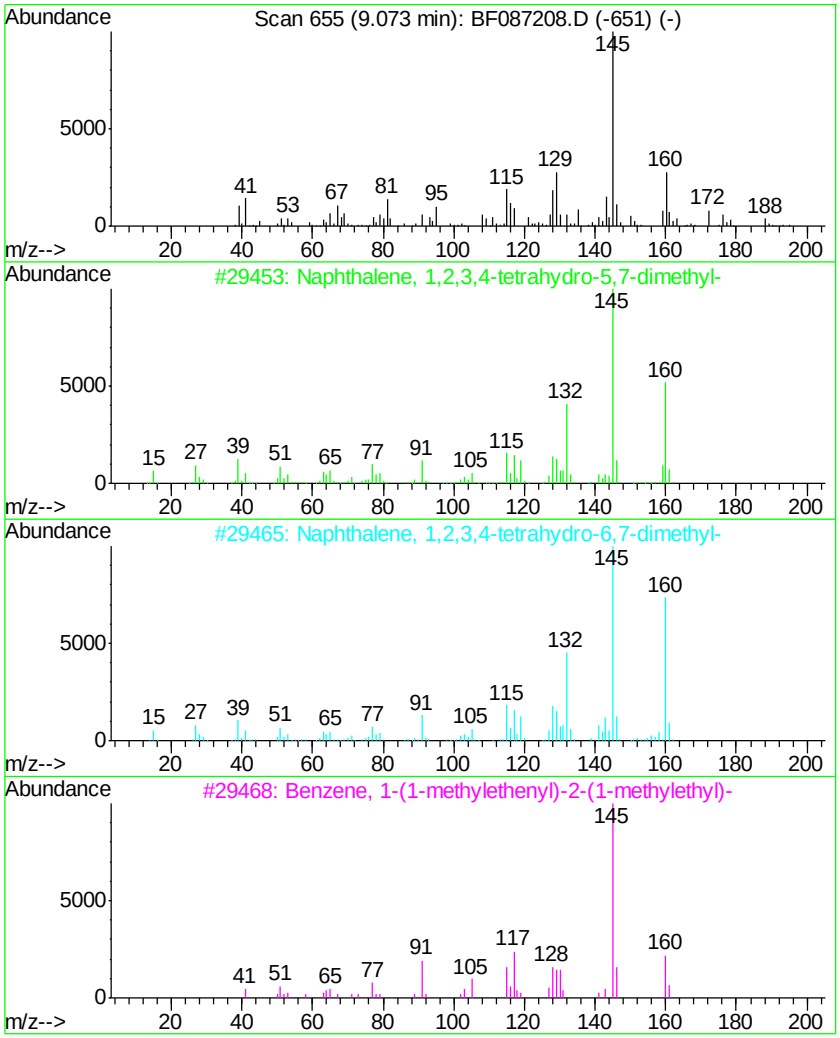
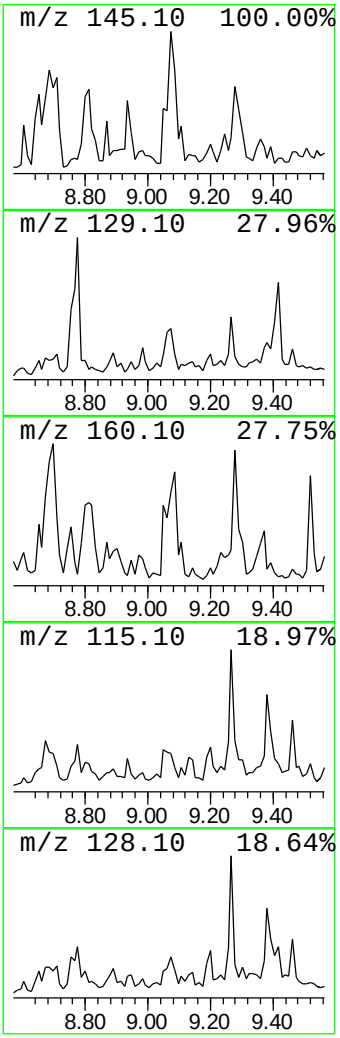
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	7.94 ng	432236	Acenaphthene-d10	9.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	72
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	72
3	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	64
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	64





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Acq On : 20 May 2016 3:15
Operator : UM/SJ
Sample : H3121-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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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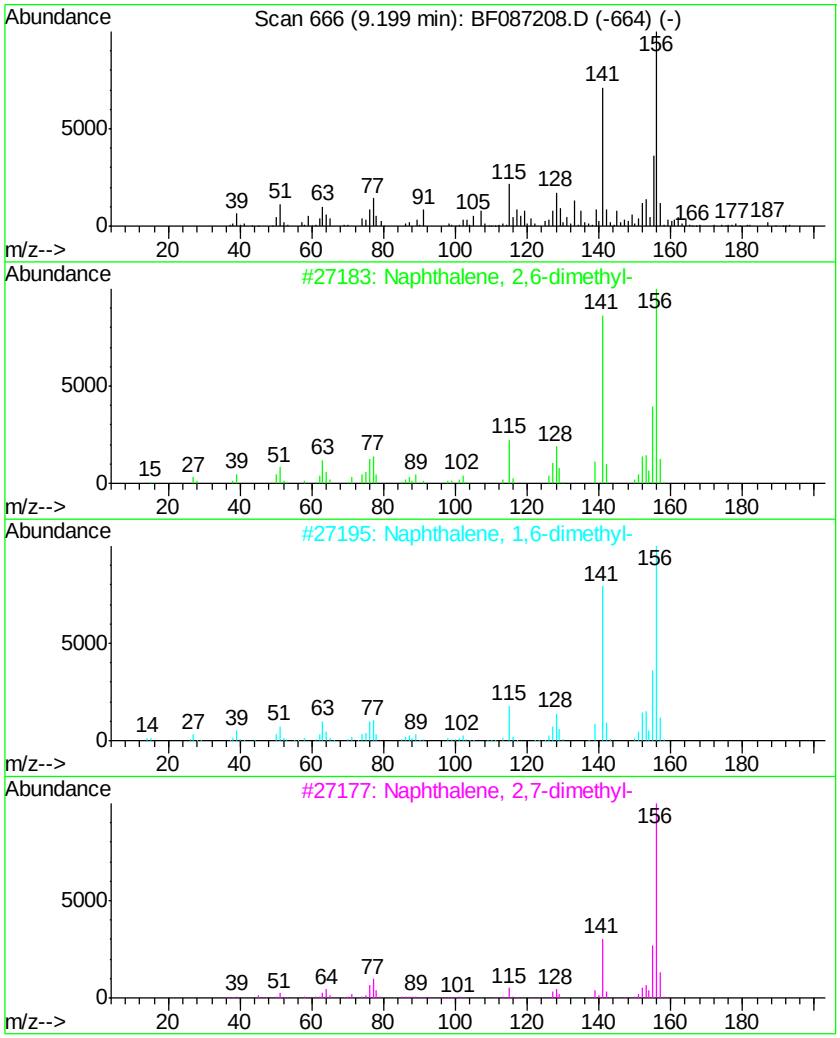
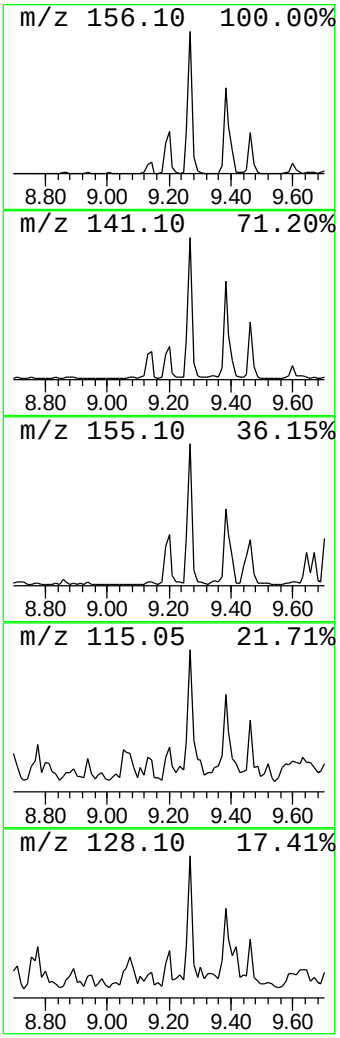
Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	10.89 ng	592637	Acenaphthene-d10	9.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Acq On : 20 May 2016 3:15
Operator : UM/SJ
Sample : H3121-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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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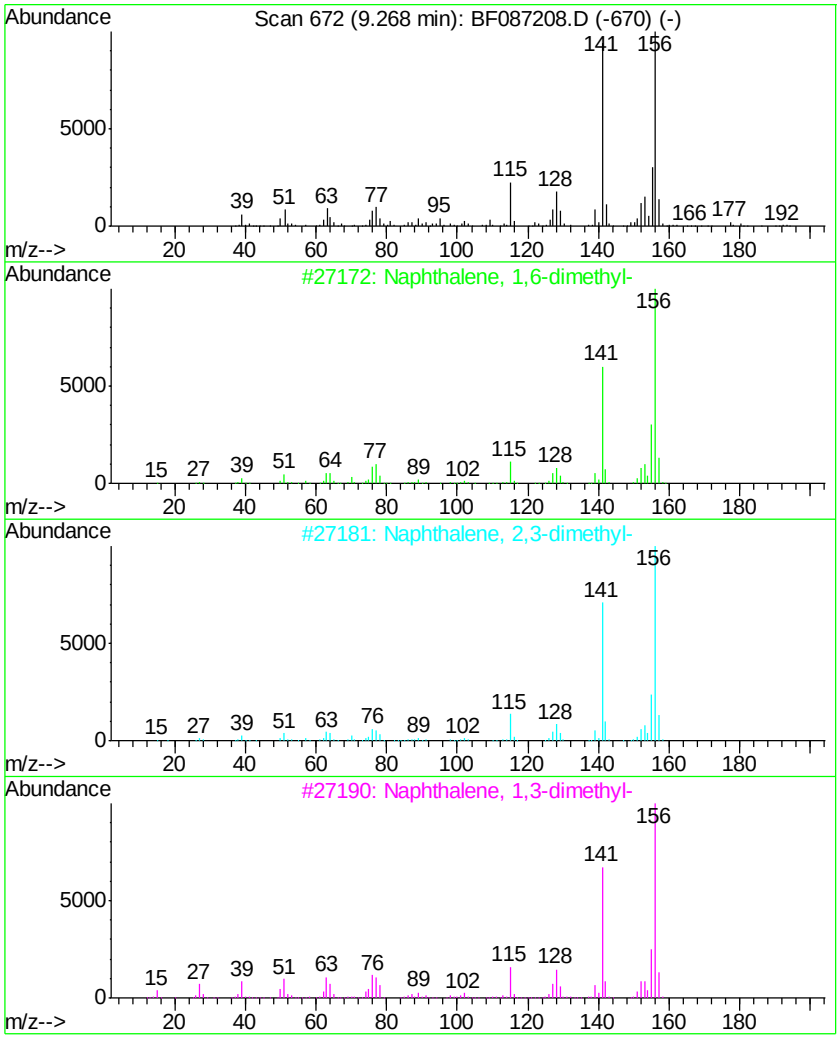
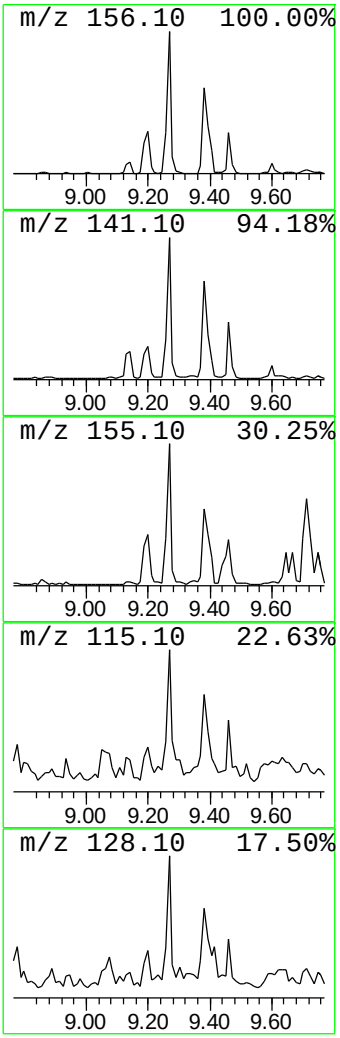
Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	25.19 ng	1371350	Acenaphthene-d10	9.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Operator : UM/SJ
Sample : H3121-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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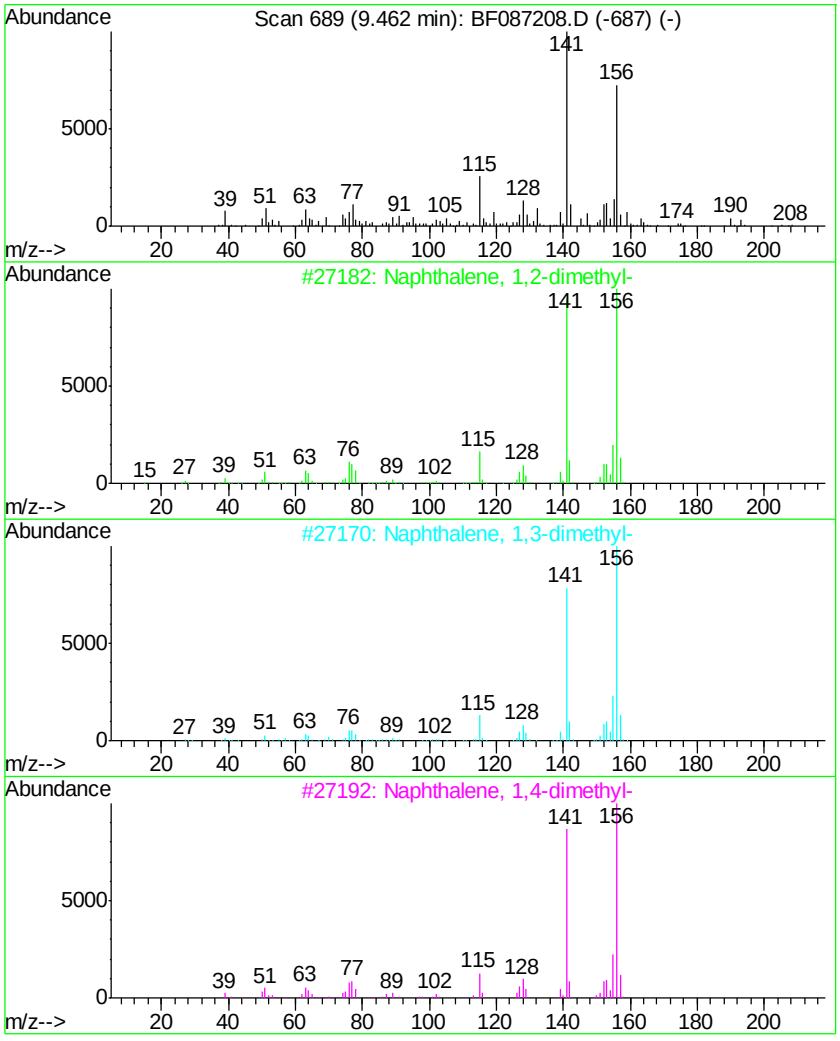
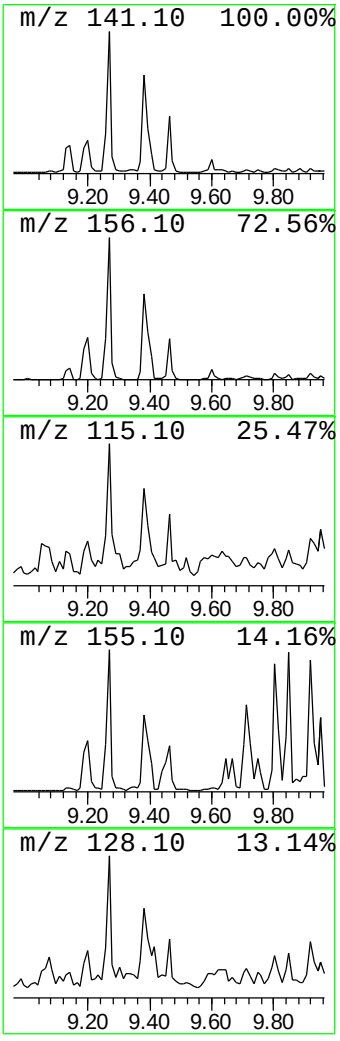
Peak Number 15 Naphthalene, 1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	8.74 ng	475973	Acenaphthene-d10	9.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	72





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Sample : H3121-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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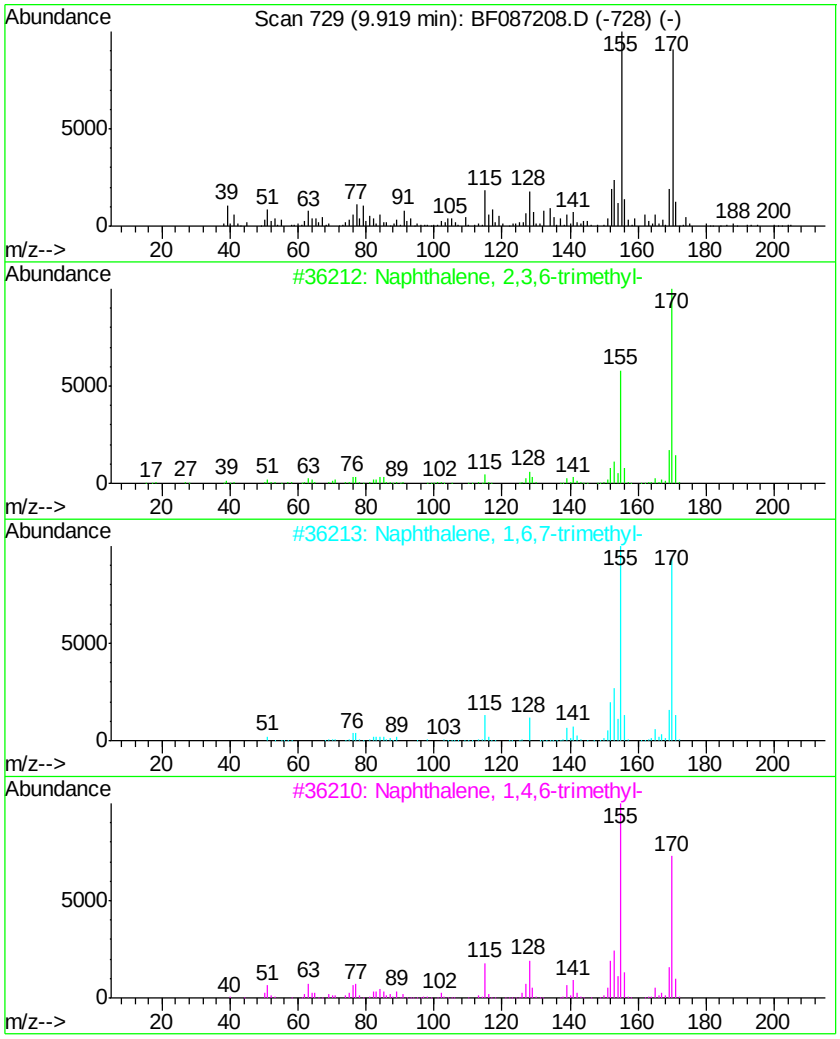
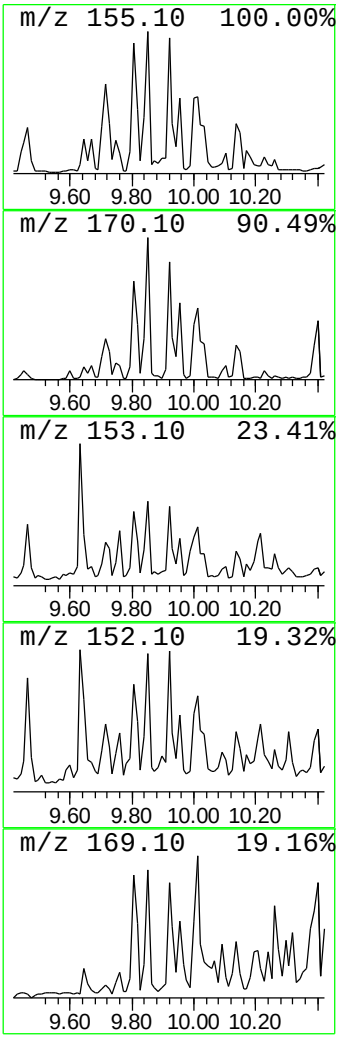
Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	7.79 ng	423826	Acenaphthene-d10	9.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90





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TIC Library : C:\DATABASE\NIST02.L
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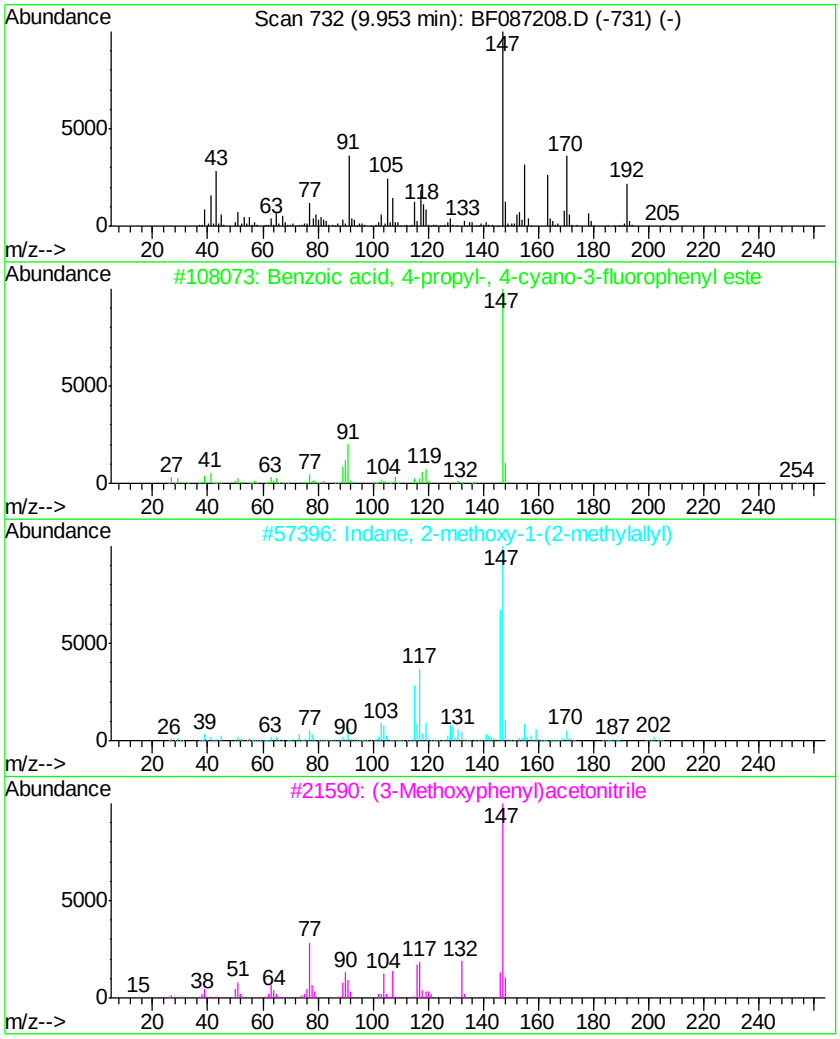
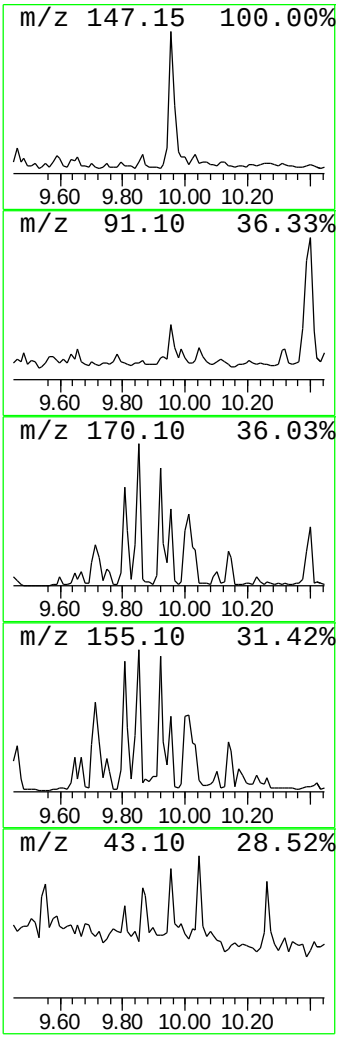
Peak Number 17 unknown9.95 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	10.06 ng	547711	Acenaphthene-d10	9.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FNO2	086776-51-4	43
2	Indane, 2-methoxy-1-(2-methylallyl)	202	C14H18O	1000196-88-9	38
3	(3-Methoxyphenyl)acetonitrile	147	C9H9NO	019924-43-7	37
4	6-Amino-2-methyl-2H-indazole	147	C8H9N3	050593-30-1	35
5	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	35





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TIC Library : C:\DATABASE\NIST02.L
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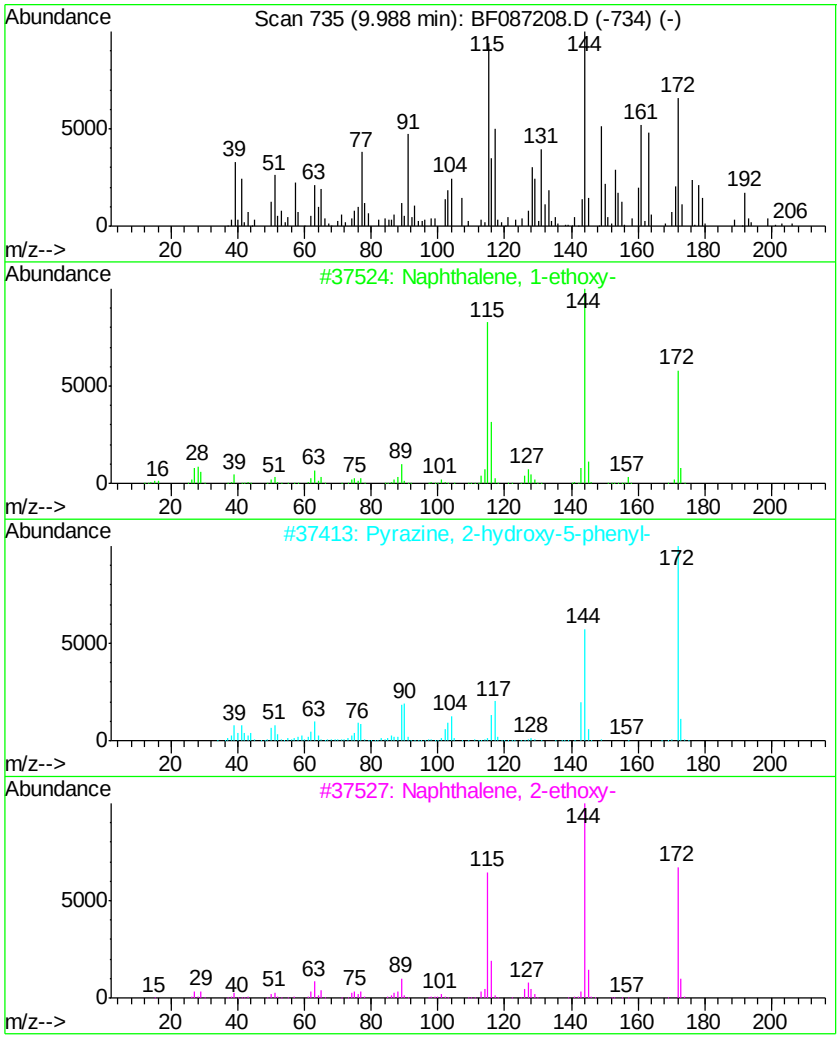
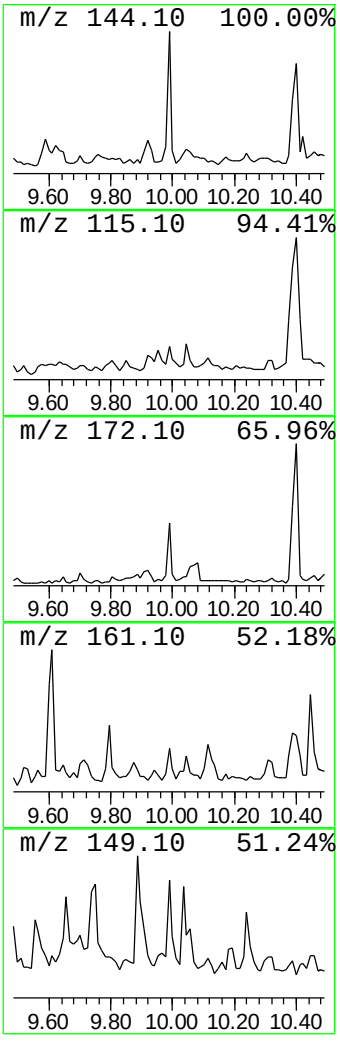
Peak Number 18 Naphthalene, 1-ethoxy- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	9.02 ng	491002	Acenaphthene-d10	9.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethoxy-	172	C12H12O	005328-01-8	60
2	Pyrazine, 2-hydroxy-5-phenyl-	172	C10H8N2O	025844-72-8	47
3	Naphthalene, 2-ethoxy-	172	C12H12O	000093-18-5	46
4	1H-Indene, 2,3-dihydro-5-nitro-	163	C9H9NO2	007436-07-9	38
5	Cinnoline, 3-methyl-	144	C9H8N2	017372-78-0	38





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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TIC Library : C:\DATABASE\NIST02.L
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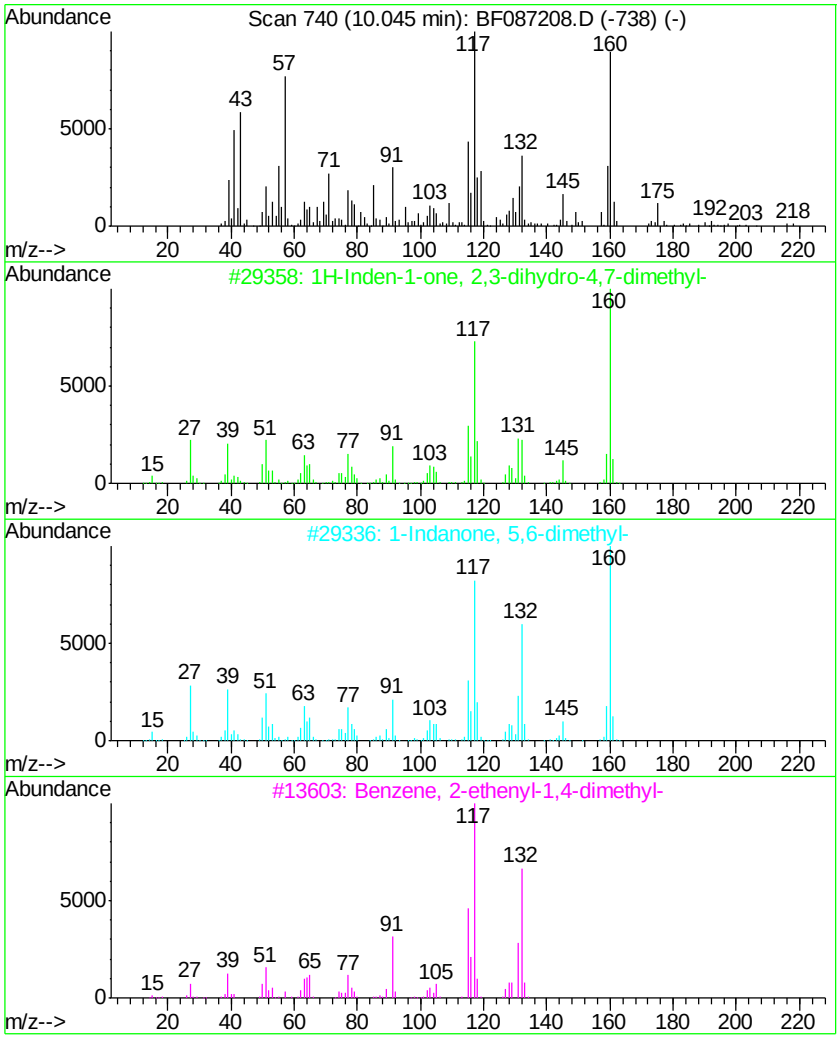
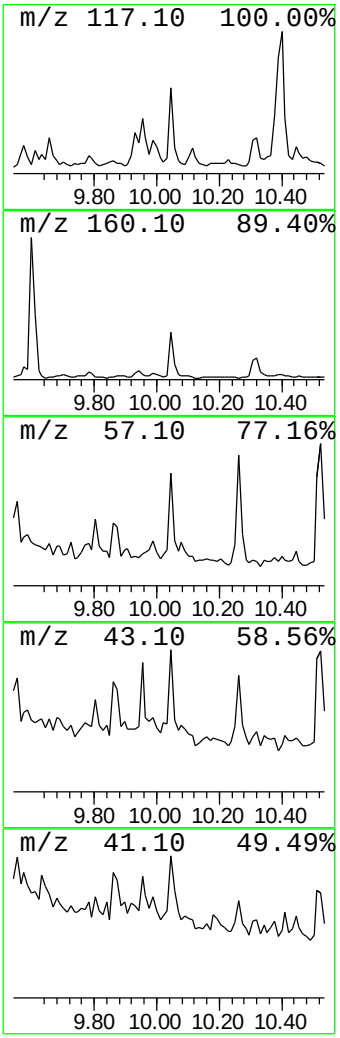
Peak Number 19 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	12.18 ng	663068	Acenaphthene-d10	9.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	60
2	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	55
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	46
4	2H-1-Benzopyran-2-one, 3-methyl-	160	C10H8O2	002445-82-1	44
5	8-Quinolinol, 5-amino-	160	C9H8N2O	013207-66-4	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087208.D
Acq On : 20 May 2016 3:15
Operator : UM/SJ
Sample : H3121-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

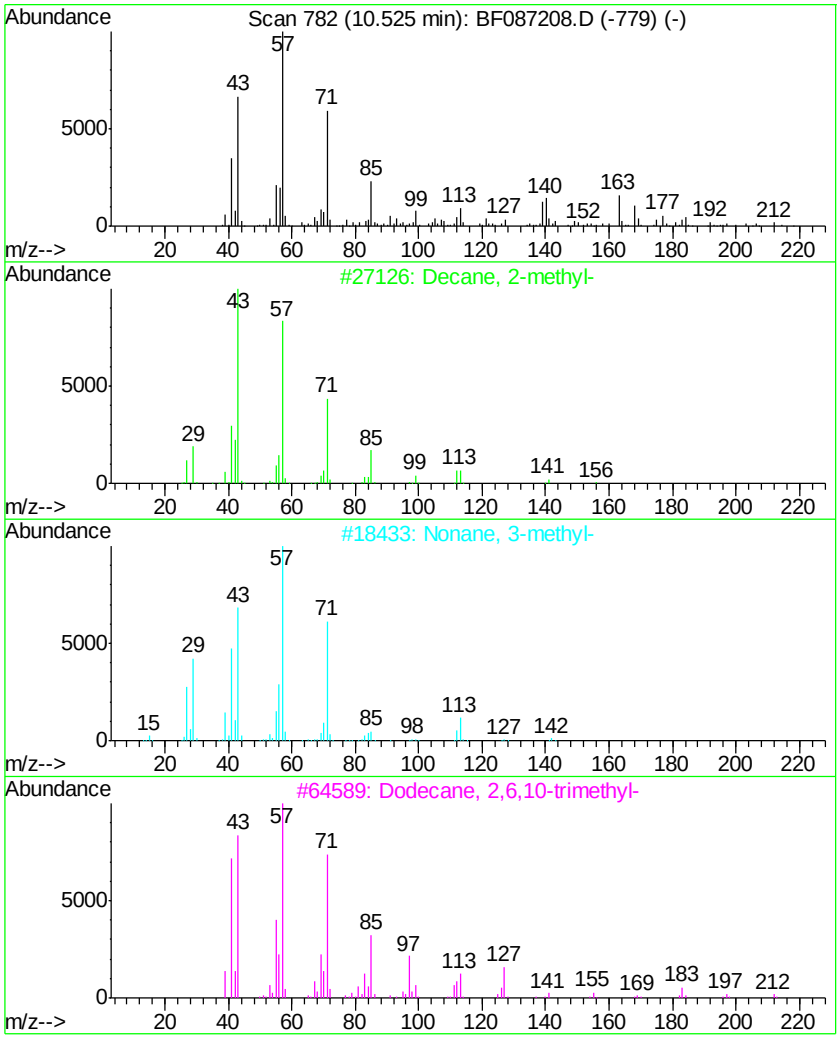
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

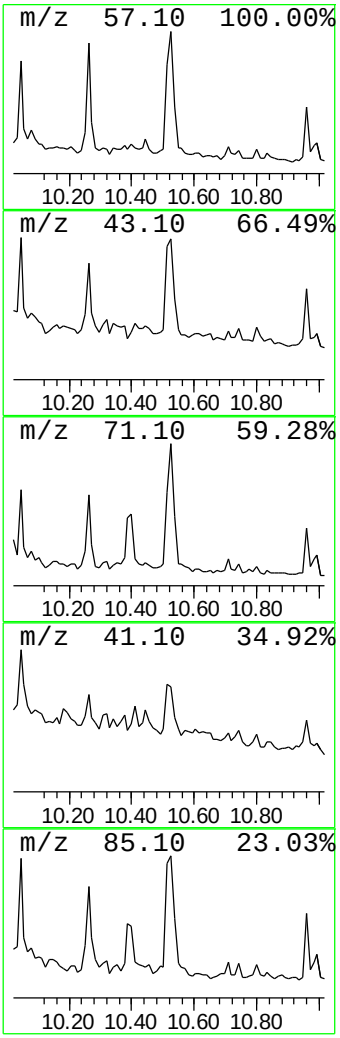
****

Peak Number 20 Decane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	10.47 ng	472176	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	62
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	60
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087208.D
Acq On : 20 May 2016 3:15
Operator : UM/SJ
Sample : H3121-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.67	12.7	ng	654302	1	6.57	1034210	20.0
Benzene, chloro-	4.74	28.1	ng	1450850	1	6.57	1034210	20.0
unknown6.34	6.34	71.0	ng	3672570	1	6.57	1034210	20.0
Benzene, 1-methyl...	6.51	8.1	ng	417427	1	6.57	1034210	20.0
Benzene, 1,3-diet...	6.82	10.0	ng	516084	1	6.57	1034210	20.0
Benzene, 1,2-diet...	6.91	9.2	ng	477883	1	6.57	1034210	20.0
1,3-Cyclopentadie...	7.35	9.3	ng	839076	2	7.85	1807320	20.0
Benzene, 2-ethyl-...	7.52	7.4	ng	672365	2	7.85	1807320	20.0
Undecane, 5-methyl-	8.28	9.2	ng	833351	2	7.85	1807320	20.0
Naphthalene, 1,2,...	9.07	7.9	ng	432236	3	9.60	1088620	20.0
Naphthalene, 2,6-...	9.20	10.9	ng	592637	3	9.60	1088620	20.0
Naphthalene, 1,6-...	9.27	25.2	ng	1371350	3	9.60	1088620	20.0
Naphthalene, 1,2-...	9.46	8.7	ng	475973	3	9.60	1088620	20.0
Naphthalene, 2,3,...	9.92	7.8	ng	423826	3	9.60	1088620	20.0
unknown9.95	9.95	10.1	ng	547711	3	9.60	1088620	20.0
Naphthalene, 1-et...	9.99	9.0	ng	491002	3	9.60	1088620	20.0
1H-Inden-1-one, 2...	10.04	12.2	ng	663068	3	9.60	1088620	20.0
Decane, 2-methyl-	10.52	10.5	ng	472176	4	11.09	901994	20.0