LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087288.D
Acq On : 22 May 2016 13:54
Operator : UM/SJ
Sample : H3172-04
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-24

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	1.701	9	10	58	rVB	3676006	7351881	100.00%	15.768%
2	4.684	269	271	283	rBV	83501	220203	3.00%	0.472%
3	5.141	309	311	328	rBV	1443365	1963951	26.71%	4.212%
4	6.227	405	406	413	rBV	1071115	1440164	19.59%	3.089%
5	6.330	413	415	420	rVV	3580092	3570419	48.56%	7.658%
6	6.490	426	429	432	rBV2	58940	105517	1.44%	0.226%
7	6.559	432	435	440	rVB	623042	808085	10.99%	1.733%
8	6.707	446	448	451	rBV	3146414	3148063	42.82%	6.752%
9	6.810	456	457	463	rVB3	66099	113525	1.54%	0.243%
10	6.902	463	465	467	rBV2	143516	163224	2.22%	0.350%
11	7.096	479	482	483	rBV2	74703	105244	1.43%	0.226%
12	7.142	483	486	488	rVV	2046675	3014773	41.01%	6.466%
13	7.210	491	492	494	rVV	98151	95443	1.30%	0.205%
14	7.245	494	495	499	rVB	151251	161952	2.20%	0.347%
15	7.313	499	501	502	rBV	75963	93223	1.27%	0.200%
16	7.336	502	503	505	rVB	259885	223423	3.04%	0.479%
17	7.496	516	517	522	rVB	102827	216686	2.95%	0.465%
18	7.576	522	524	526	rBV2	68614	120893	1.64%	0.259%
19	7.656	529	531	533	rBV2	58610	78623	1.07%	0.169%
20	7.839	545	547	555	rVB	792896	1395835	18.99%	2.994%
21	8.045	563	565	566	rVV	149951	168638	2.29%	0.362%
22	8.090	566	569	571	rVB	142487	162977	2.22%	0.350%
23	8.227	577	581	583	rBV4	94228	198211	2.70%	0.425%
24	8.296	583	587	588	rBV3	57448	116013	1.58%	0.249%
25	8.319	588	589	592	rVV3	84661	101547	1.38%	0.218%
26	8.410	595	597	599	rBV	173240	207036	2.82%	0.444%
27	8.445	599	600	603	rVB2	56964	111567	1.52%	0.239%
28	8.513	603	606	607	rBV3	57361	93263	1.27%	0.200%
29	8.548	607	609	612	rBV4	50494	102445	1.39%	0.220%
30	8.628	612	616	618	rBV4	109949	244690	3.33%	0.525%
31	8.673	618	620	623	rVV3	155818	272516	3.71%	0.584%
32	8.765	623	628	630	rVV3	87297	228937	3.11%	0.491%
33	8.868	630	637	639	rVV6	112757	476468	6.48%	1.022%
34	8.925	639	642	644	rVV	4853779	4676282	63.61%	10.030%

LSC Area Percent Report

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Acq On : 22 May 2016 13:54
Operator : UM/SJ
Sample : H3172-04
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-24

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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Peak separation: 5

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

35	8.970	645	646	649	rVV3	69420	92822	1.26%	0.199%
36	9.050	651	653	656	rVV3	124006	280641	3.82%	0.602%
37	9.096	656	657	661	rVV2	166653	280138	3.81%	0.601%
38	9.188	663	665	667	rBV2	61450	115197	1.57%	0.247%
39	9.245	669	670	673	rVV3	152201	346994	4.72%	0.744%
40	9.290	673	674	675	rVV	194999	167182	2.27%	0.359%
41	9.393	677	683	686	rVV4	157678	629608	8.56%	1.350%
42	9.450	686	688	692	rVB2	210086	289727	3.94%	0.621%
43	9.588	698	700	702	rBV	1190787	1106844	15.06%	2.374%
44	9.782	715	717	720	rBV3	48135	129643	1.76%	0.278%
45	9.908	726	728	730	rBV2	152015	204502	2.78%	0.439%
46	9.976	732	734	737	rVV3	118319	187408	2.55%	0.402%
47	10.022	737	738	742	rVB	196340	241726	3.29%	0.518%
48	10.125	745	747	749	rBV3	48723	75104	1.02%	0.161%
49	10.296	760	762	765	rBV3	68023	111506	1.52%	0.239%
50	10.388	765	770	772	rBV2	2430956	3419125	46.51%	7.333%
51	10.422	772	773	778	rVB5	65940	154082	2.10%	0.330%
52	10.731	798	800	804	rBV2	84337	113011	1.54%	0.242%
53	11.073	827	830	832	rBV	754722	967477	13.16%	2.075%
54	11.291	847	849	851	rVB	127626	123490	1.68%	0.265%
55	11.748	887	889	891	rBV	67481	77545	1.05%	0.166%
56	12.434	947	949	951	rBV	116961	163617	2.23%	0.351%
57	12.479	951	953	956	rVB	461683	418098	5.69%	0.897%
58	12.559	958	960	962	rVB	95071	92330	1.26%	0.198%
59	12.651	965	968	970	rBV	3706277	3492164	47.50%	7.490%
60	13.177	1012	1014	1017	rBV2	186656	253805	3.45%	0.544%
61	13.439	1033	1037	1043	rVB3	90245	159479	2.17%	0.342%
62	13.691	1057	1059	1066	rBV	597401	721968	9.82%	1.548%
63	15.051	1175	1178	1185	rVB	481033	657881	8.95%	1.411%

Sum of corrected areas: 46624831

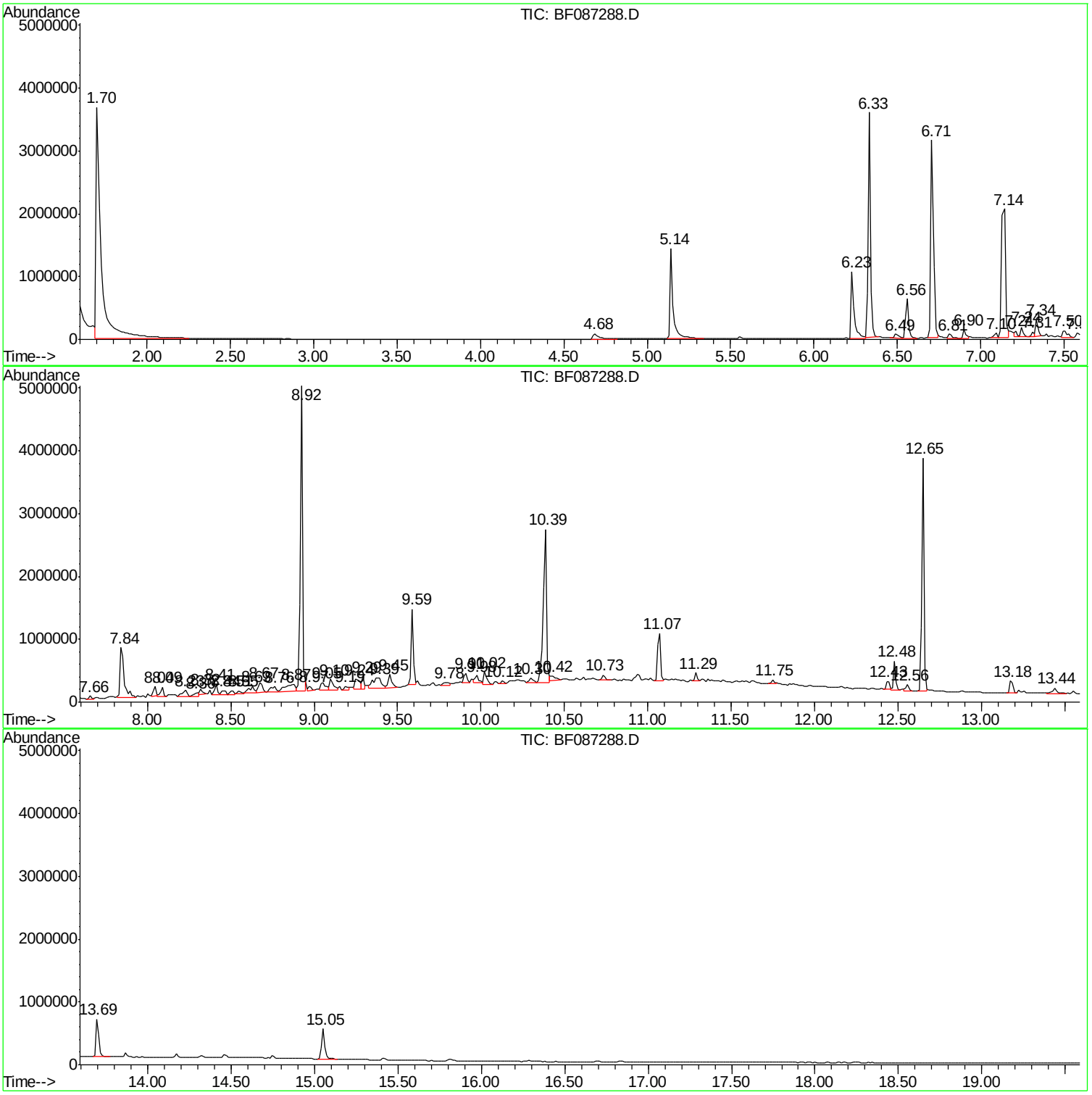
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087288.D
Acq On : 22 May 2016 13:54
Operator : UM/SJ
Sample : H3172-04
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-24

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087288.D
Acq On : 22 May 2016 13:54
Operator : UM/SJ
Sample : H3172-04
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-24

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

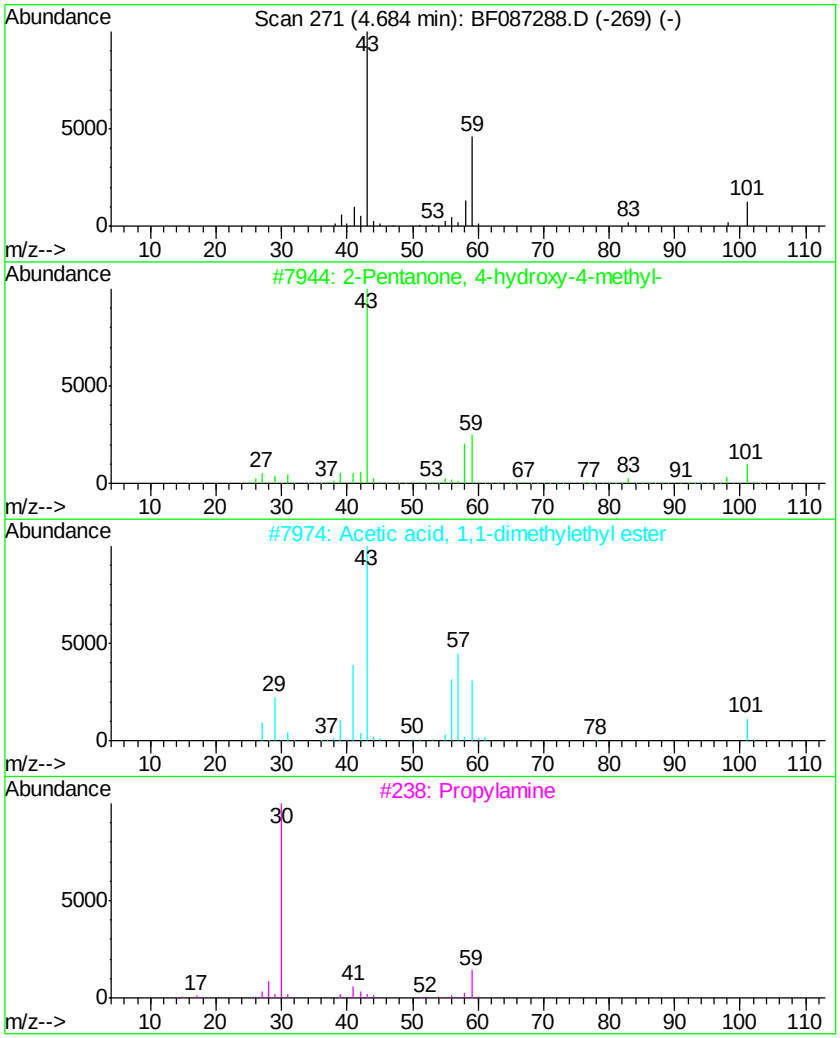
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

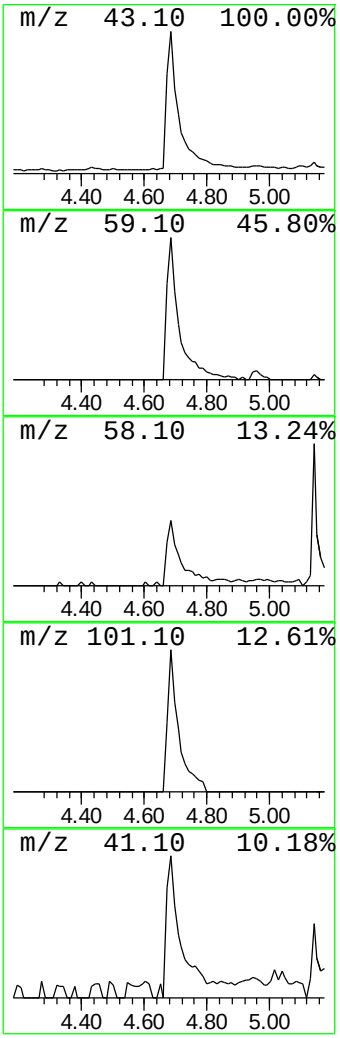
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	5.45 ng	220203	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	Propylamine	59	C3H9N	000107-10-8	9
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087288.D
Acq On : 22 May 2016 13:54
Operator : UM/SJ
Sample : H3172-04
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-24

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

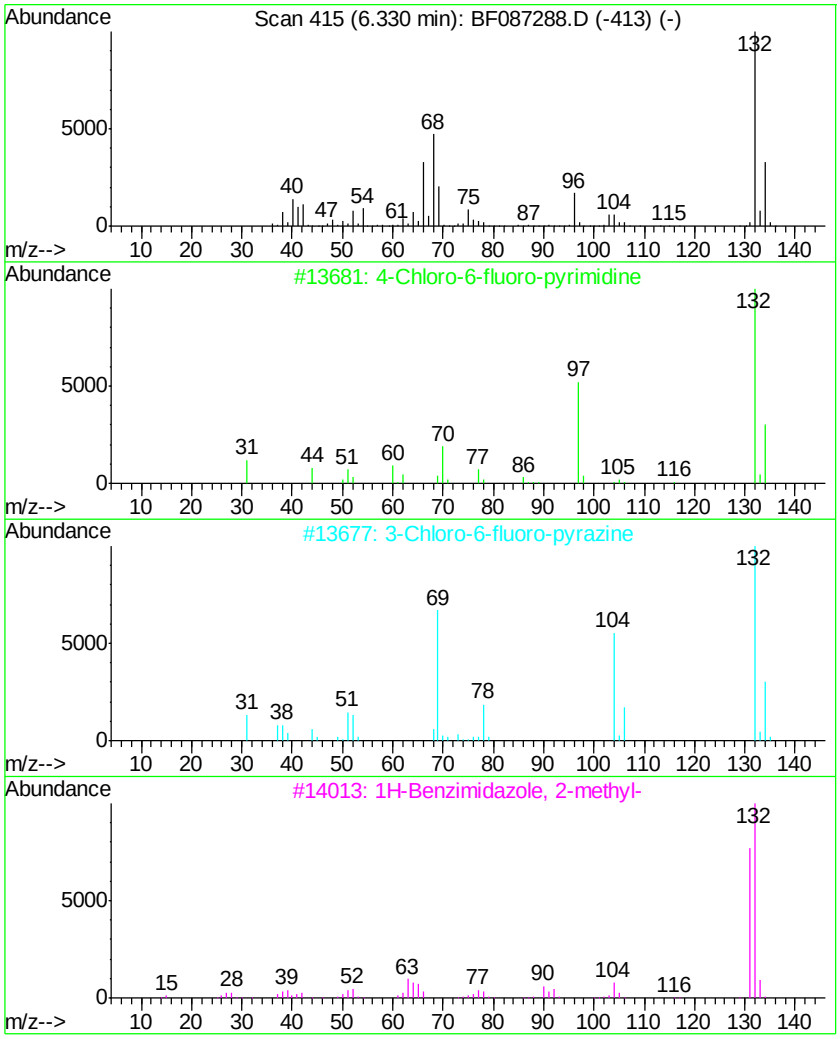
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

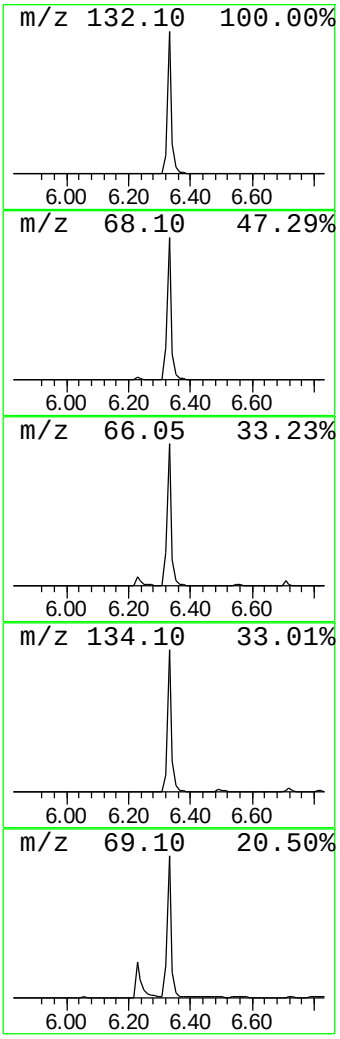
****

Peak Number 3 unknown6.33 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	88.37 ng	3570420	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
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Acq On : 22 May 2016 13:54
Operator : UM/SJ
Sample : H3172-04
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-24

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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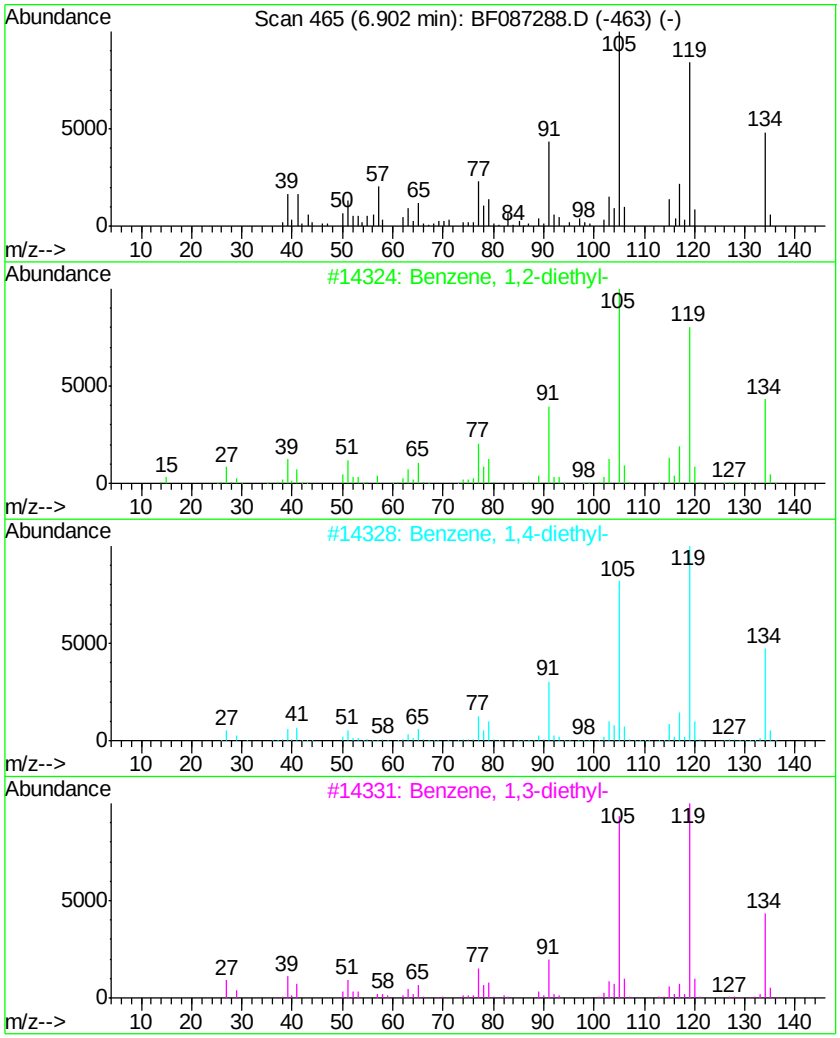
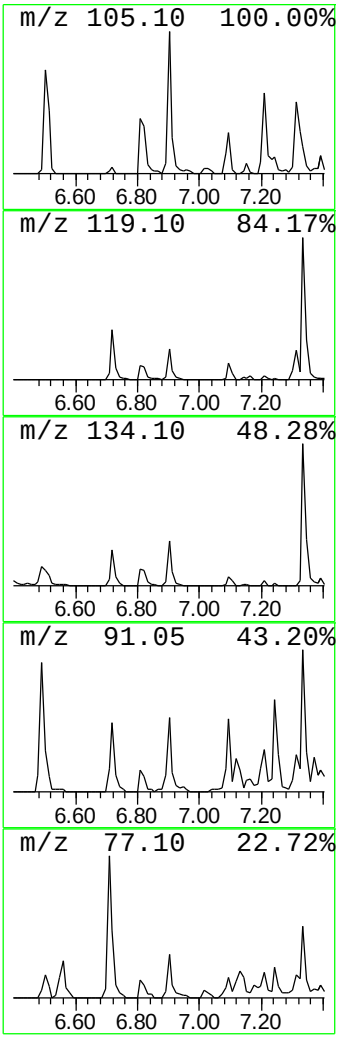
****

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	4.04 ng	163224	1,4-Dichlorobenzene-d4	6.56

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	90
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	74
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
Data File : BF087288.D
Acq On : 22 May 2016 13:54
Operator : UM/SJ
Sample : H3172-04
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-24

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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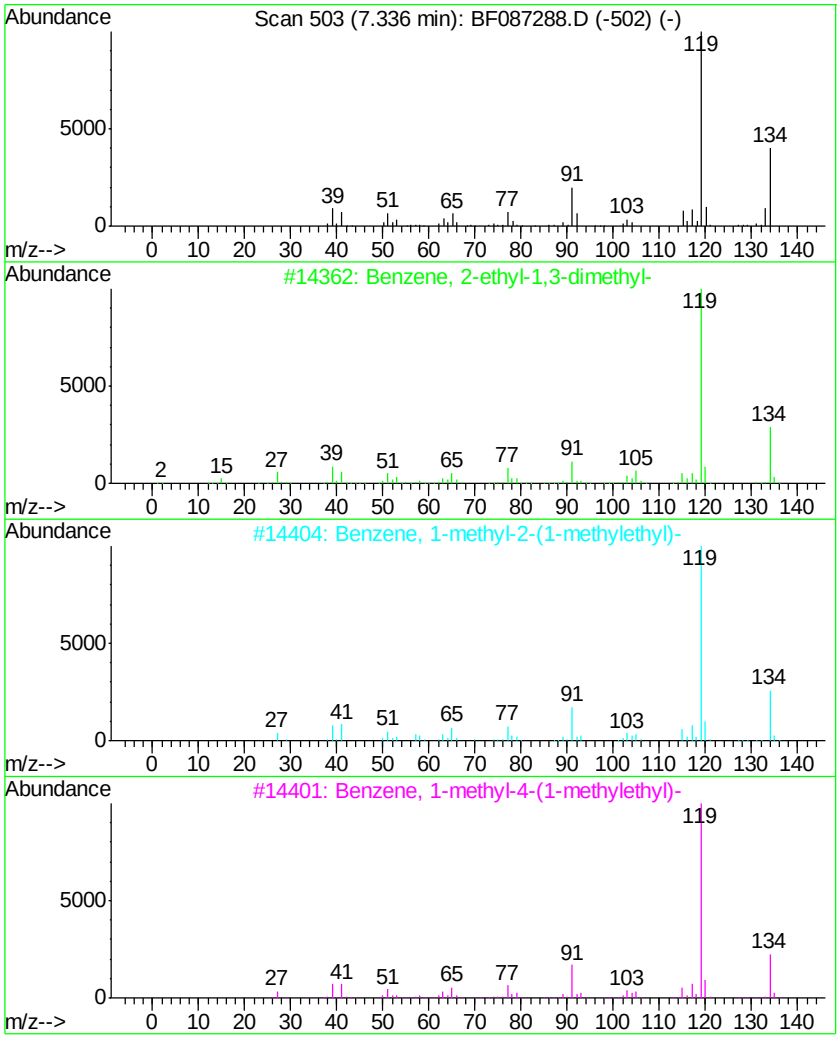
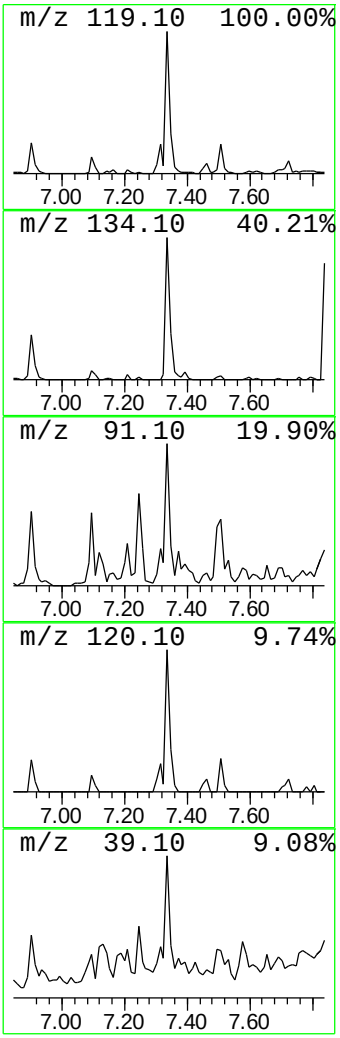
Peak Number 6 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	3.20 ng	223423	Naphthalene-d8	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	90
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	90
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87





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Data File : BF087288.D
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Operator : UM/SJ
Sample : H3172-04
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-24

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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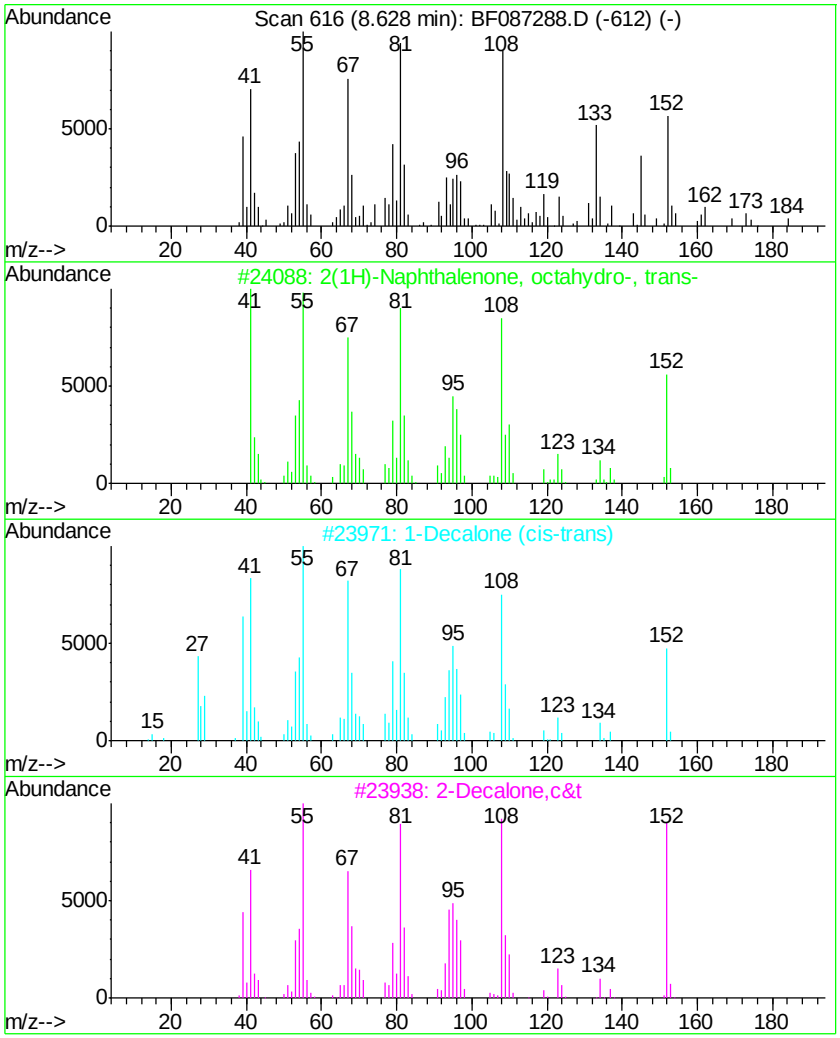
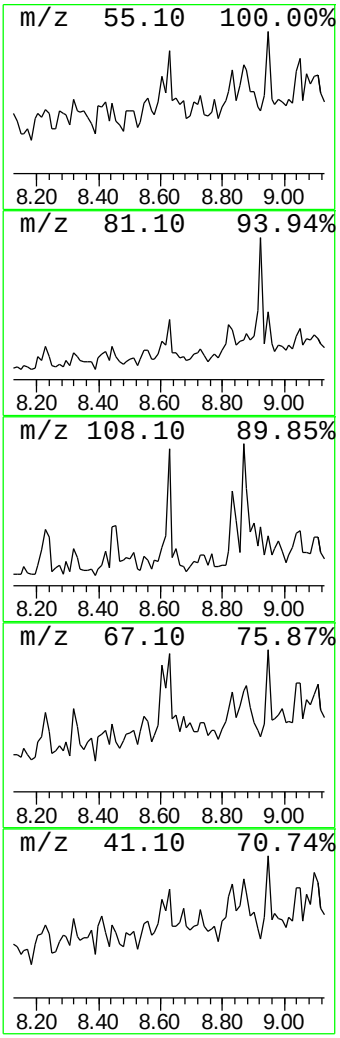
Peak Number 7 2(1H)-Naphthalenone, octahy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	3.51 ng	244690	Naphthalene-d8	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	90
2	1-Decalone (cis-trans)	152	C10H16O	004832-16-0	89
3	2-Decalone,c&t	152	C10H16O	004832-17-1	89
4	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	49
5	Pulegone	152	C10H16O	000089-82-7	45





Library Search Compound Report

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Acq On : 22 May 2016 13:54
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Sample : H3172-04
Misc :
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Instrument : BNA_F
ClientSampleId : MW-24

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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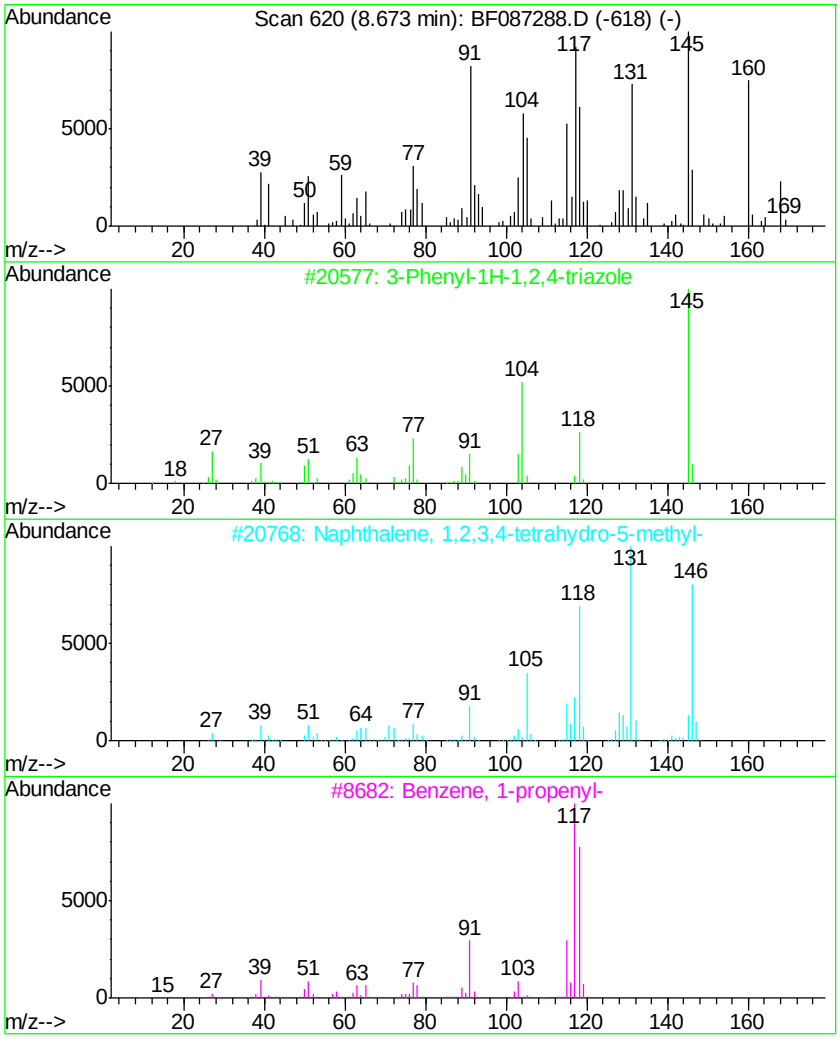
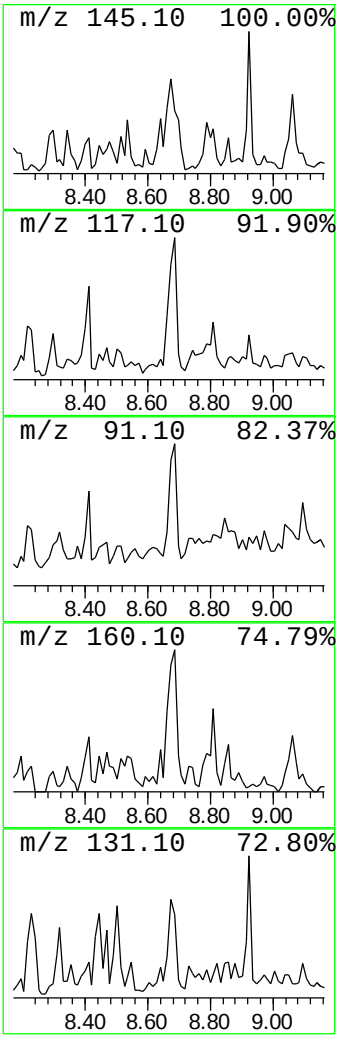
Peak Number 8 unknown8.67 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	3.90 ng	272516	Naphthalene-d8	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-1H-1,2,4-triazole	145	C8H7N3	003357-42-4	38
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	35
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	35
4	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	30
5	trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	30





Library Search Compound Report

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Data File : BF087288.D
Acq On : 22 May 2016 13:54
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Sample : H3172-04
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-24

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

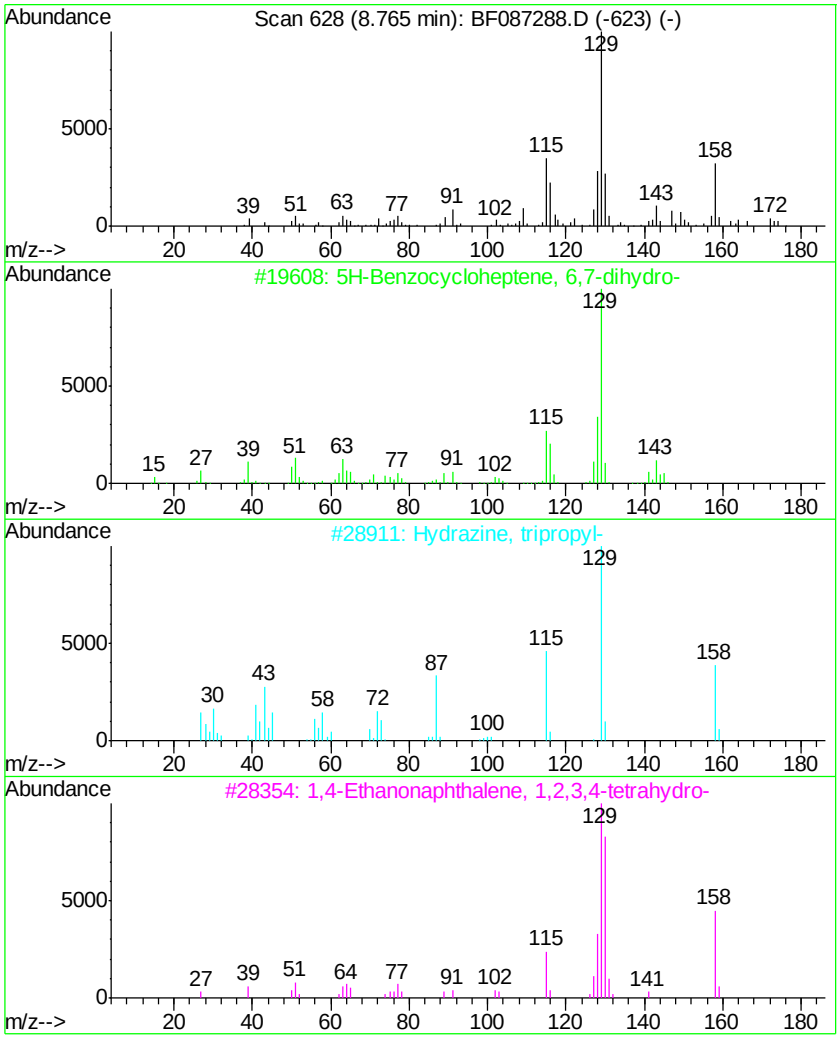
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

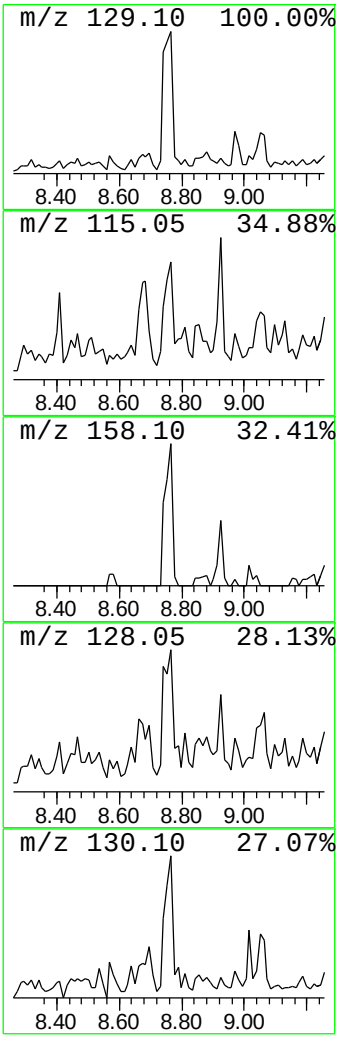
****

Peak Number 9 5H-Benzocycloheptene, 6,7-d... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	4.14 ng	228937	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	93
2	Hydrazine, tripropyl-	158	C9H22N2	067398-42-9	50
3	1,4-Ethanonaphthalene, 1,2,3,4-t...	158	C12H14	004175-52-4	50
4	Fluorene, 1,2,3,4,4a,9a-hexahydr...	172	C13H16	001559-97-3	42
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	144	C11H12	071721-26-1	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
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Operator : UM/SJ
Sample : H3172-04
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-24

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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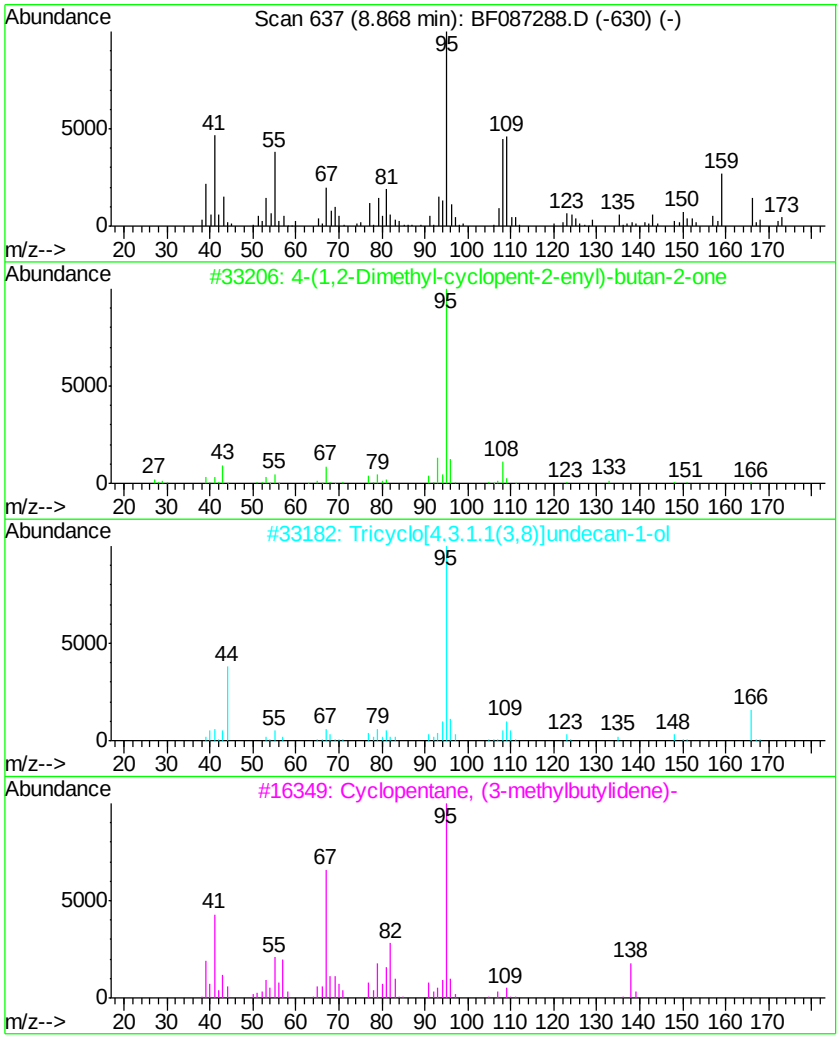
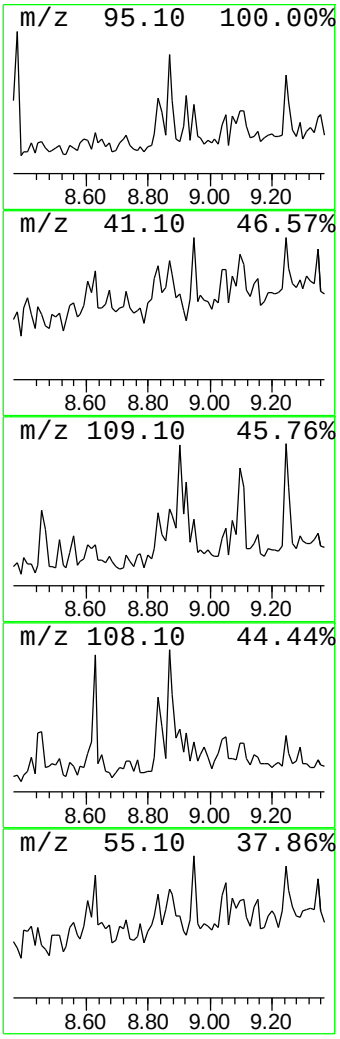
Peak Number 10 unknown8.87 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	8.61 ng	476468	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(1,2-Dimethyl-cyclopent-2-enyl...	166	C11H18O	075698-06-5	47
2	Tricyclo[4.3.1.1(3,8)]undecan-1-ol	166	C11H18O	031061-64-0	43
3	Cyclopentane, (3-methylbutylidene)-	138	C10H18	053366-51-1	38
4	1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	38
5	4-(2-Methylcyclohex-1-enyl)-but-...	164	C11H16O	1000188-10-0	38





Library Search Compound Report

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Data File : BF087288.D
Acq On : 22 May 2016 13:54
Operator : UM/SJ
Sample : H3172-04
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-24

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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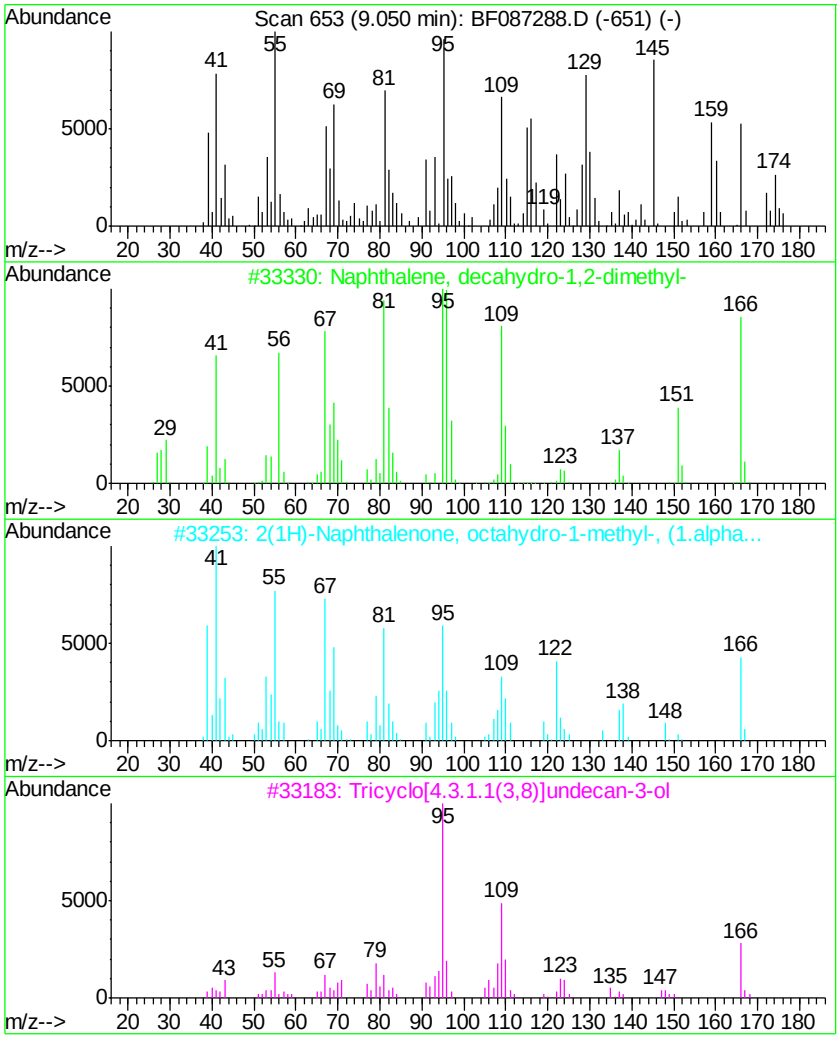
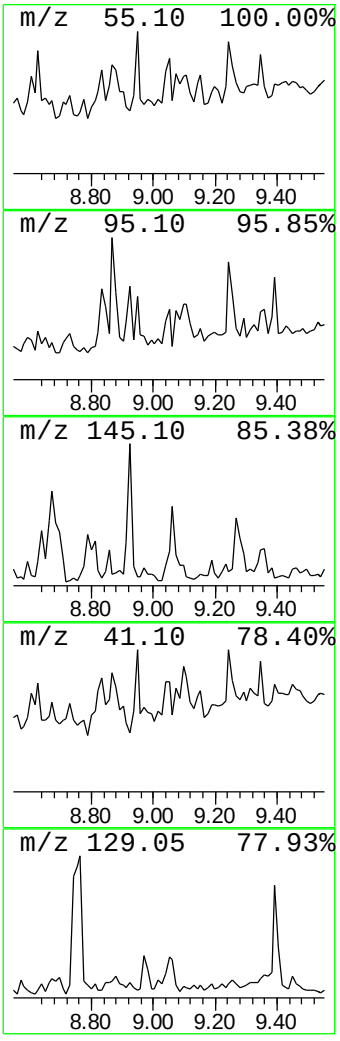
Peak Number 11 Naphthalene, decahydro-1,2-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	5.07 ng	280641	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,2-dimet...	166	C12H22	003604-14-6	50
2	2(1H)-Naphthalenone, octahydro-1...	166	C11H18O	021102-88-5	44
3	Tricyclo[4.3.1.1(3,8)]undecan-3-ol	166	C11H18O	014504-80-4	38
4	trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	38
5	cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	30





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Sample : H3172-04
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Instrument : BNA_F
ClientSampleId : MW-24

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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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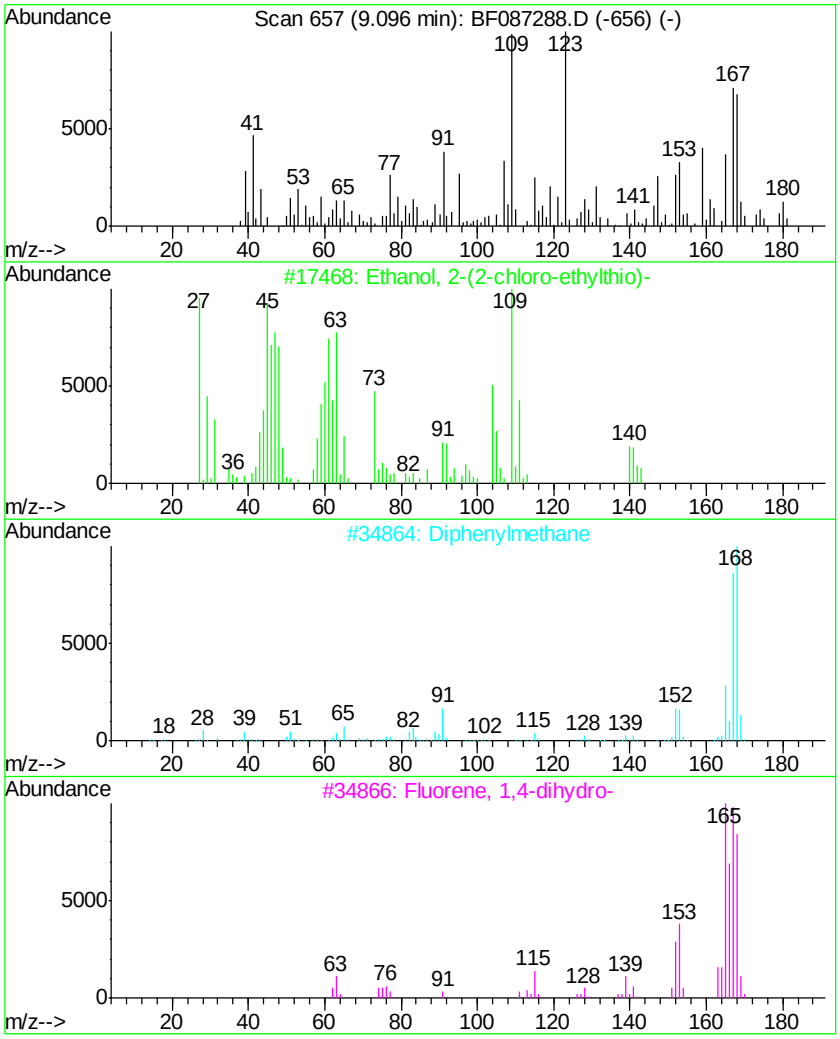
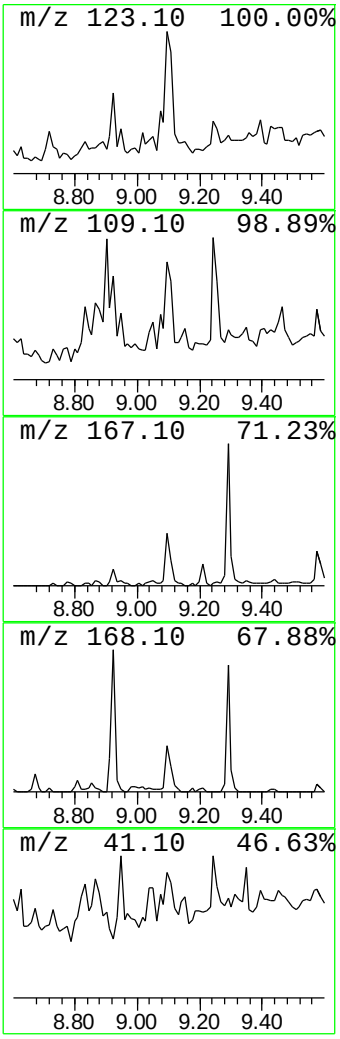
Peak Number 12 Ethanol, 2-(2-chloro-ethylt... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	5.06 ng	280138	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-chloro-ethylthio)-	140	C4H9ClOS	000693-30-1	53
2	Diphenylmethane	168	C13H12	000101-81-5	48
3	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	35
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	35
5	Acetic acid, (phenylthio)-	168	C8H8O2S	000103-04-8	25





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-24

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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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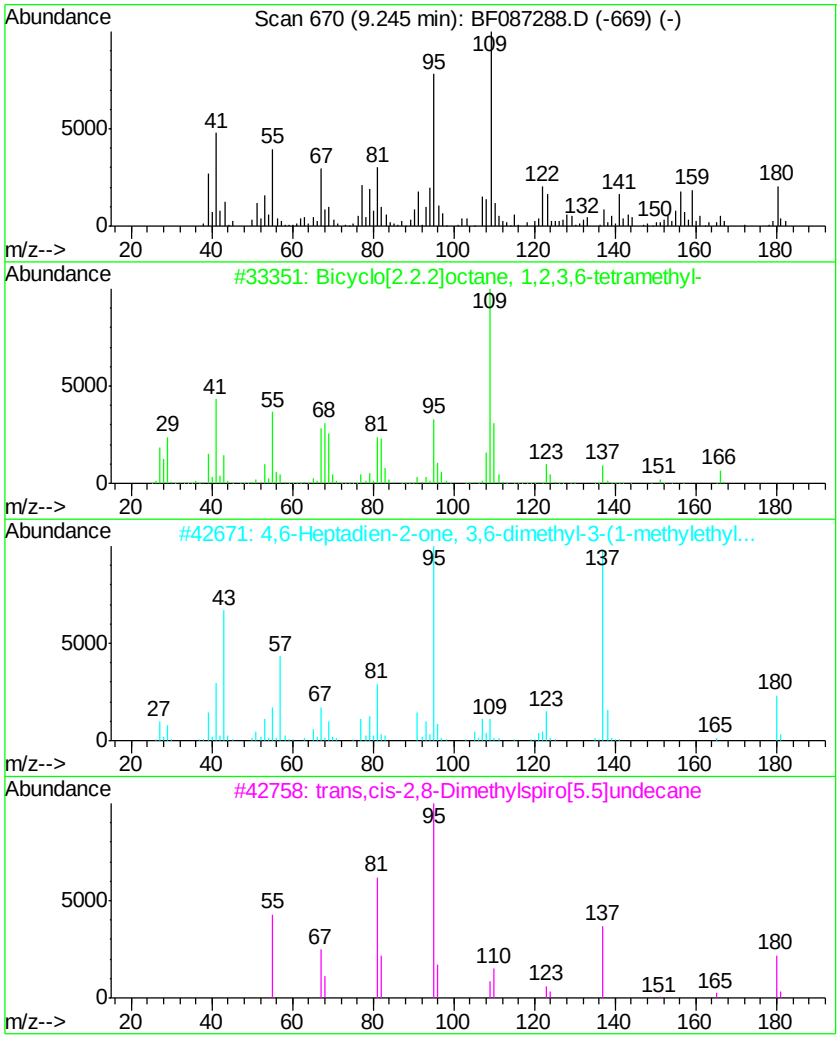
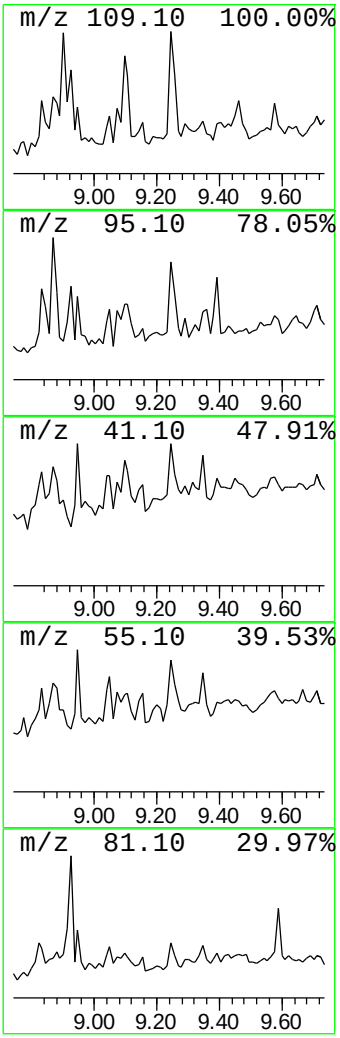
Peak Number 13 unknown9.24 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	6.27 ng	346994	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]octane, 1,2,3,6-te...	166	C12H22	062338-45-8	42
2	4,6-Heptadien-2-one, 3,6-dimethy...	180	C12H20O	077822-50-5	38
3	trans,cis-2,8-Dimethylspiro[5.5]...	180	C13H24	095472-52-9	35
4	2-Amino-4-methylpyrimidine	109	C5H7N3	000108-52-1	30
5	6-(5-Methyl-furan-2-yl)-hexan-2-one	180	C11H16O2	1000185-87-5	30





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Sample : H3172-04
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ClientSampleId :
MW-24

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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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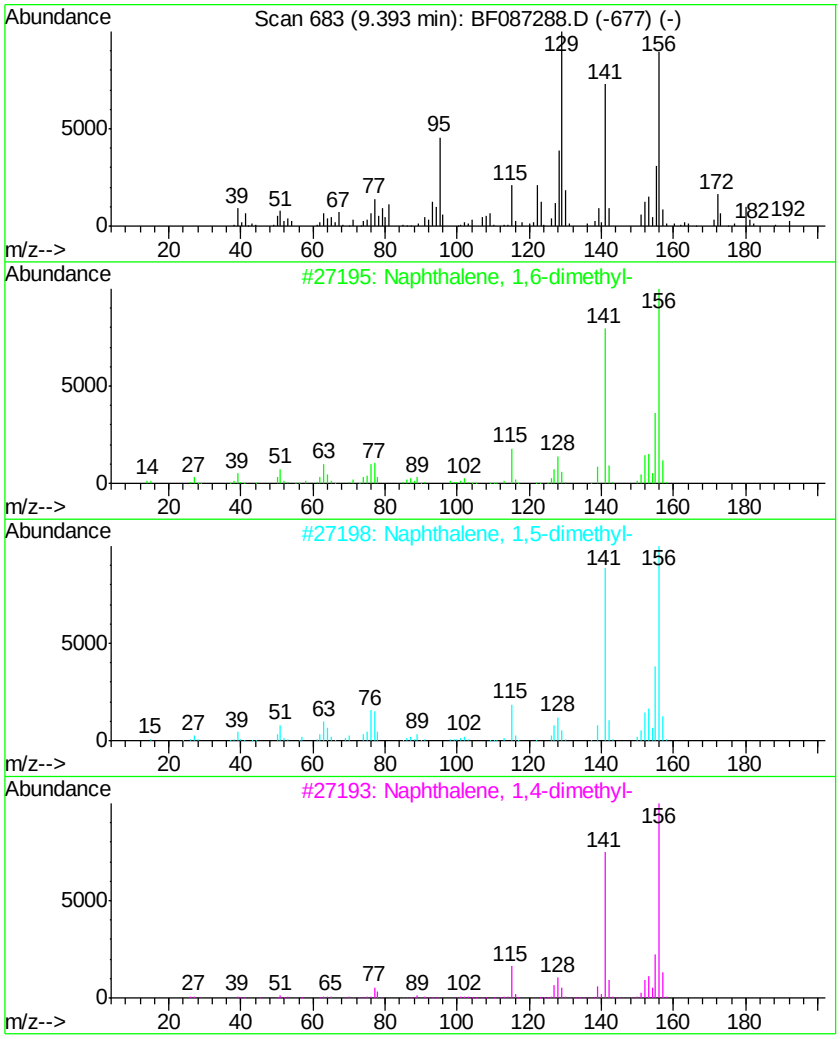
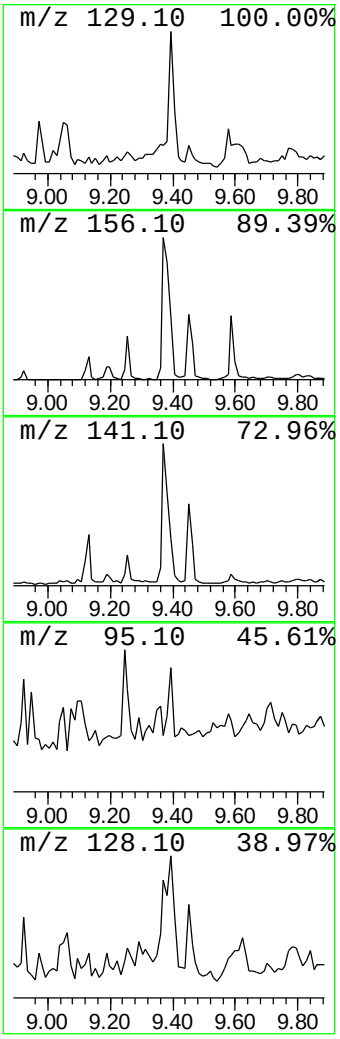
Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	11.38 ng	629608	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	80
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	52
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	46
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	46
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	46





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Sample : H3172-04
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-24

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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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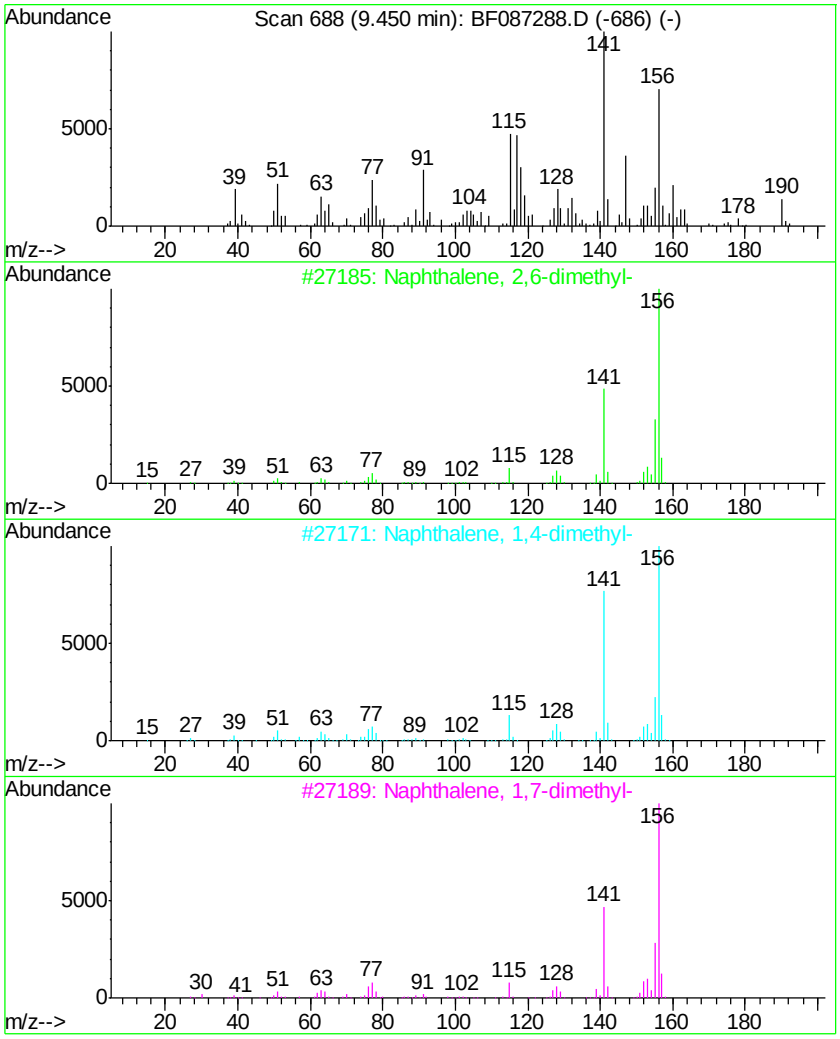
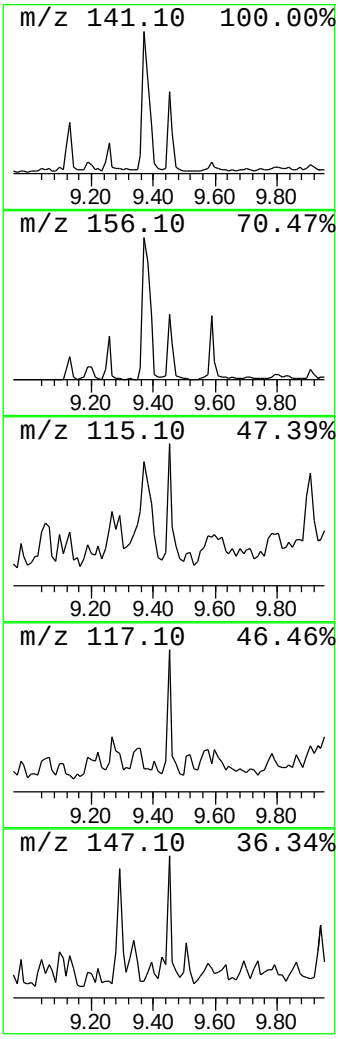
Peak Number 15 Naphthalene, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	5.24 ng	289727	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	89
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	87
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	86
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	86





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Sample : H3172-04
Misc :
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Instrument : BNA_F
ClientSampleId : MW-24

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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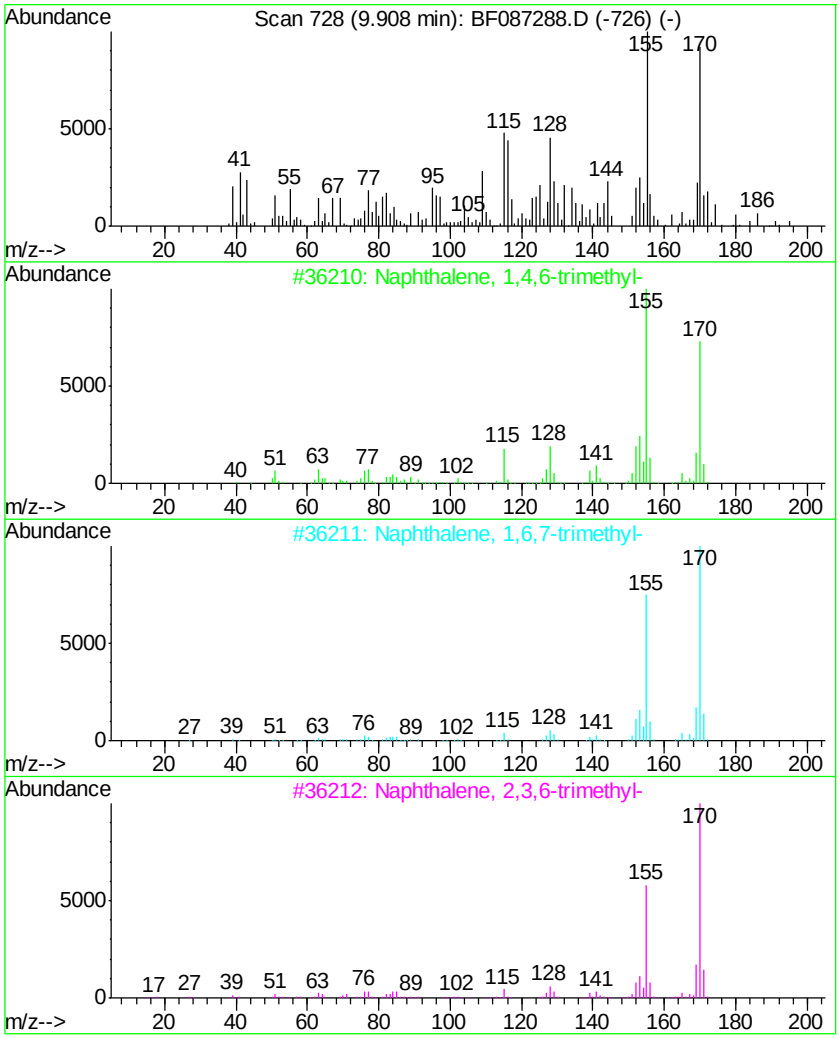
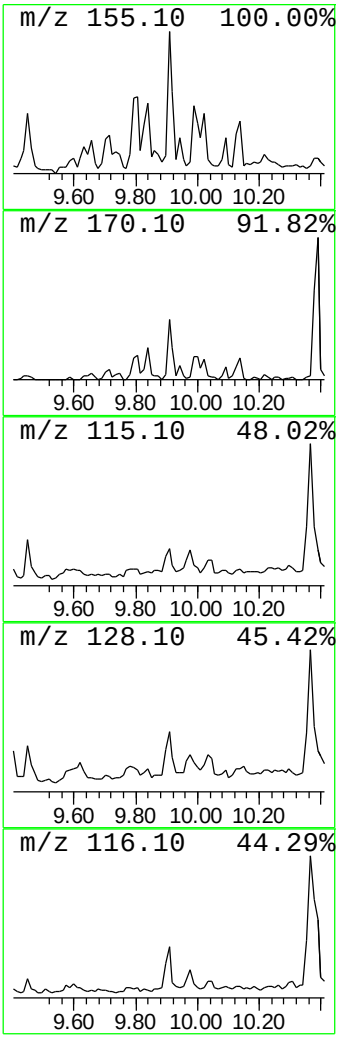
Peak Number 16 Naphthalene, 1,4,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	3.70 ng	204502	Acenaphthene-d10	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	89
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64





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Instrument : BNA_F
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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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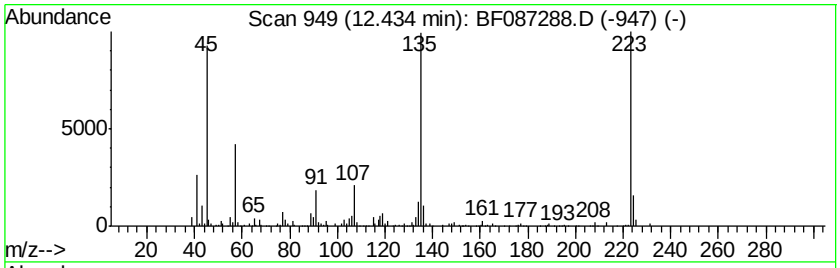
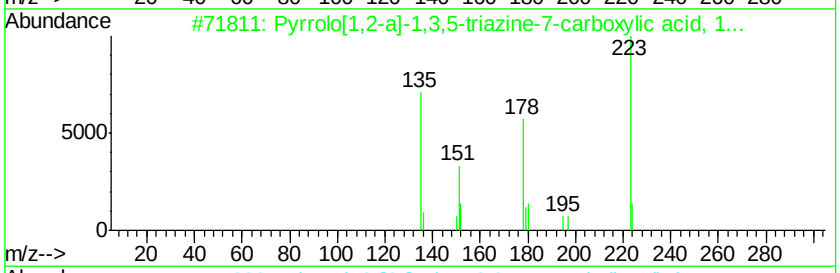
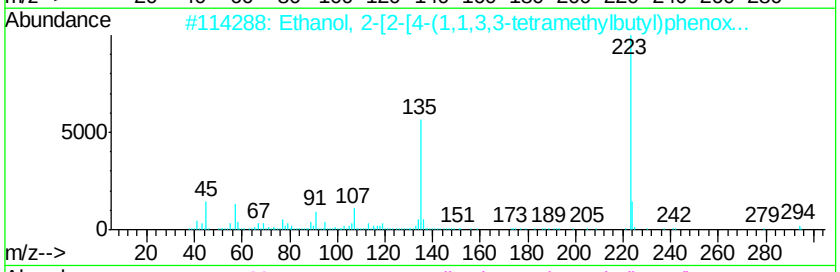
Peak Number 17 Pyrrolo[1,2-a]-1,3,5-triazi... Concentration Rank 13

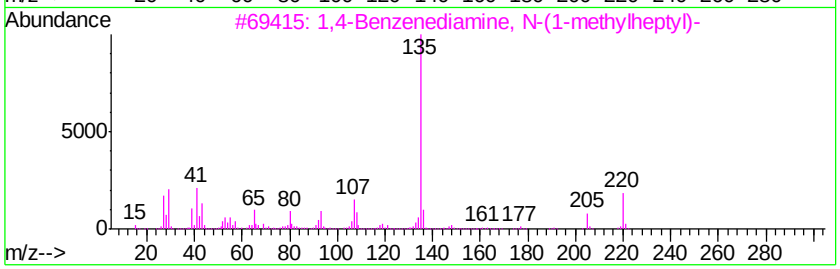
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	4.53 ng	163617	Chrysene-d12	13.69

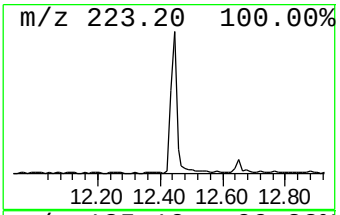
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	83
2	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	43
3	1,4-Benzenediamine, N-(1-methylh...	220	C14H24N2	039563-50-3	27
4	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	27
5	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	27

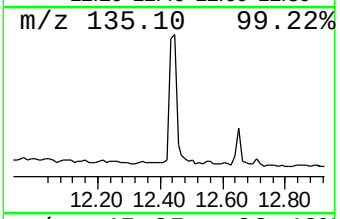


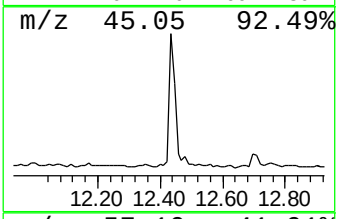


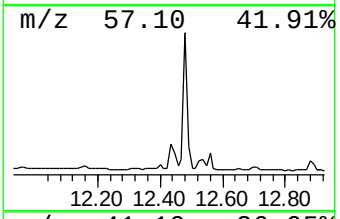


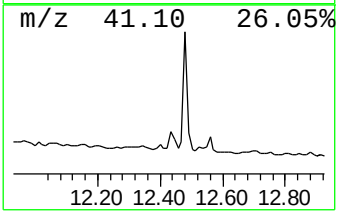












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Operator : UM/SJ
Sample : H3172-04
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ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-24

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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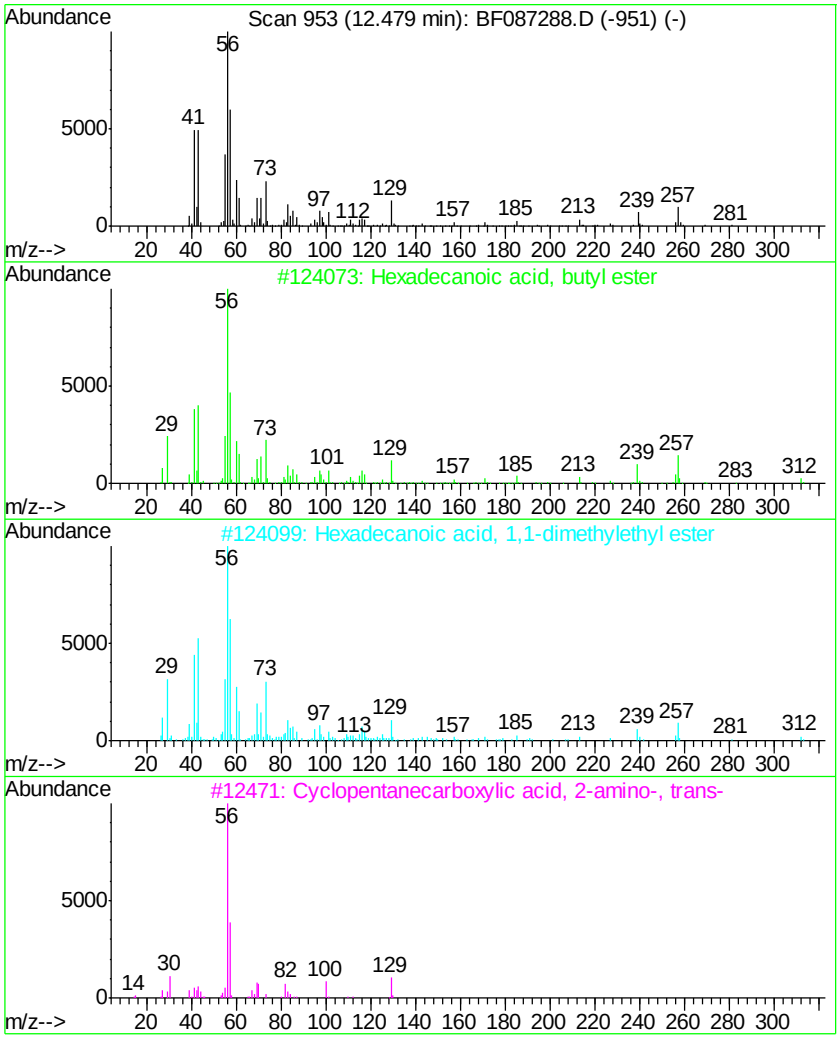
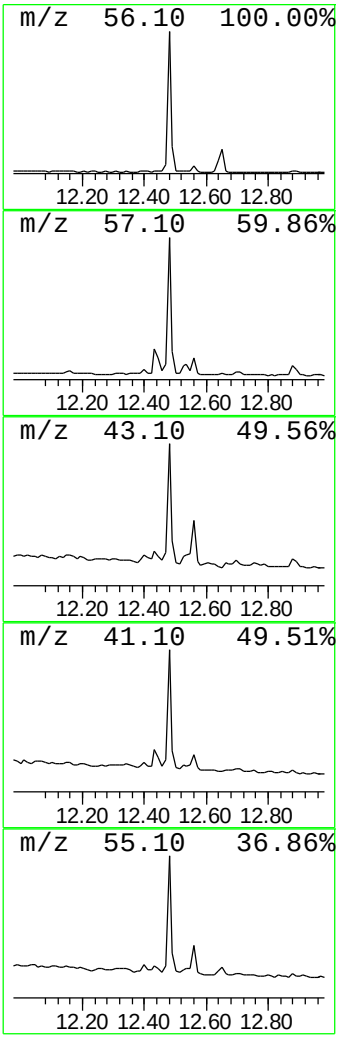
Peak Number 18 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	11.58 ng	418098	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	53
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	49
3	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	37
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	35
5	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	35





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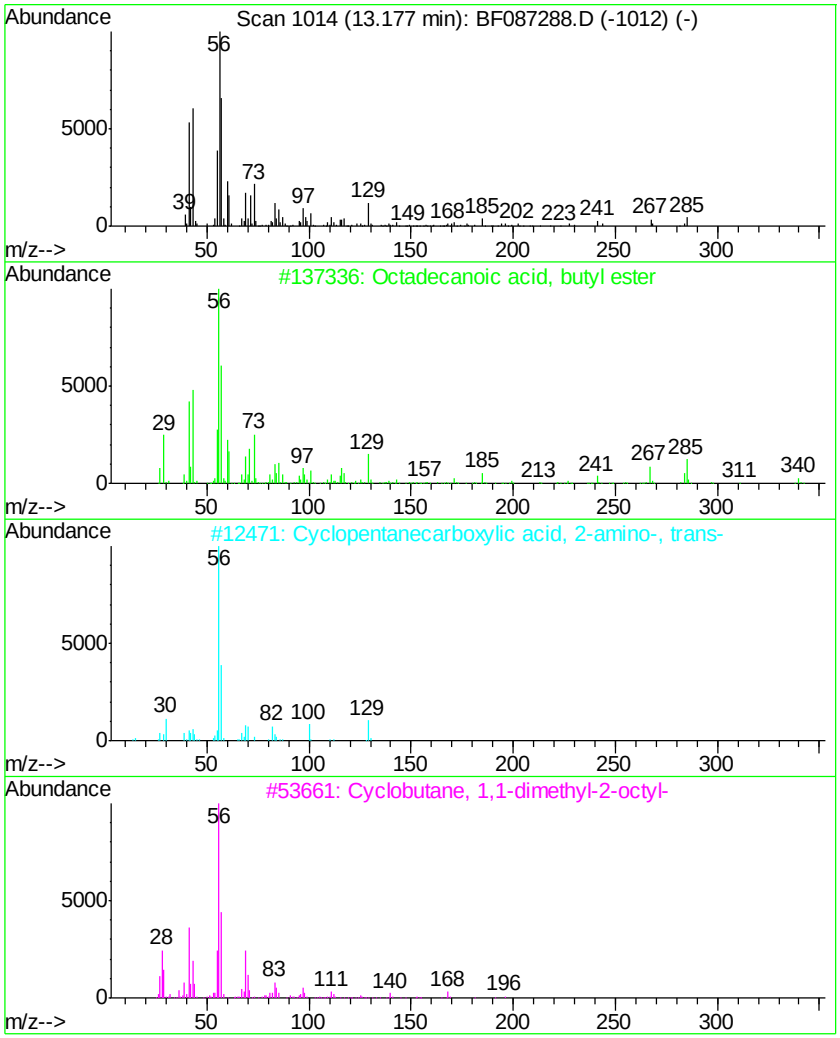
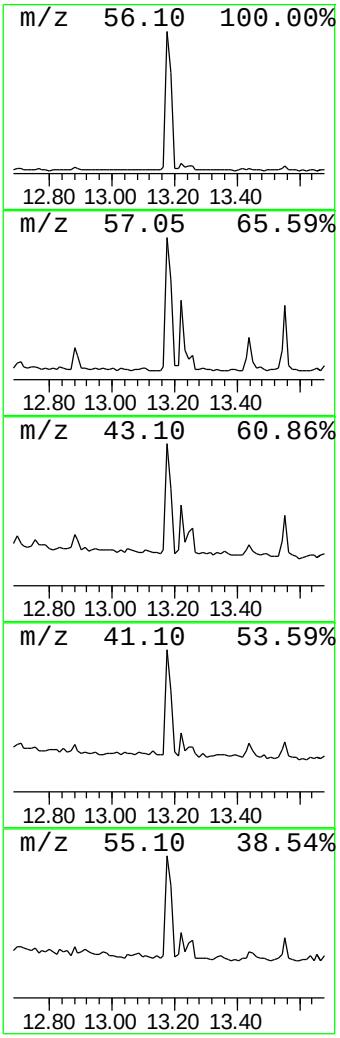
Peak Number 19 Octadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	7.03 ng	253805	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
2	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	46
3	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	43
4	Cyclohexane, (1,1-dimethylethyl)-	140	C10H20	003178-22-1	43
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	43





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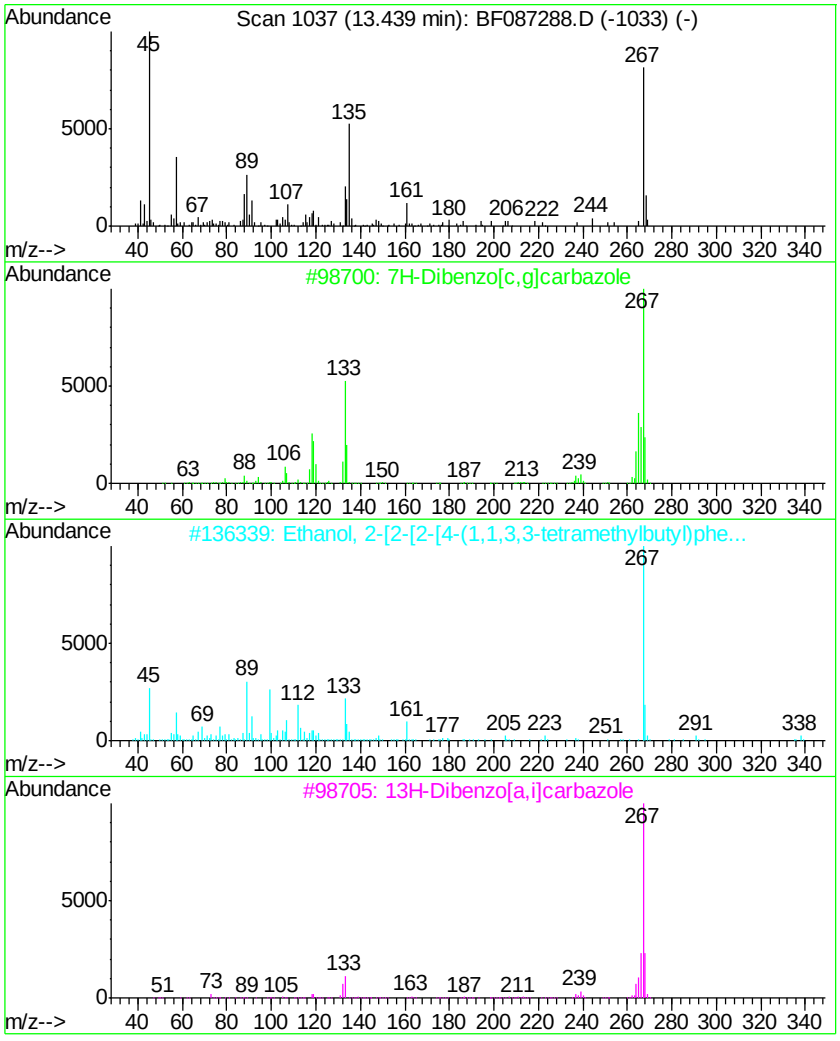
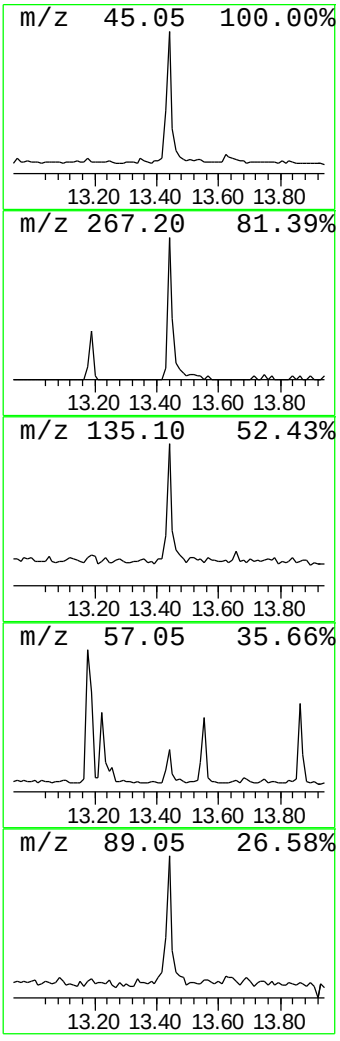
Peak Number 20 unknown13.44 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	4.42 ng	159479	Chrysene-d12	13.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Dibenzo[c,g]carbazole	267	C20H13N	000194-59-2	43
2	Ethanol, 2-[2-[2-[4-(1,1,3,3-tet...	338	C20H34O4	002315-62-0	38
3	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	35
4	Pentaethylene glycol	238	C10H22O6	004792-15-8	27
5	Methanone, (1,2,3,4-tetrahydro-2...	267	C17H17NO2	304668-44-8	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
Data File : BF087288.D
Acq On : 22 May 2016 13:54
Operator : UM/SJ
Sample : H3172-04
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-24

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...	4.68	5.5	ng	220203	1	6.56	808085	20.0
unknown6.33	6.33	88.4	ng	3570420	1	6.56	808085	20.0
Benzene, 1,2-diet...	6.90	4.0	ng	163224	1	6.56	808085	20.0
Benzene, 2-ethyl-...	7.34	3.2	ng	223423	2	7.85	1395840	20.0
2(1H)-Naphthaleno...	8.63	3.5	ng	244690	2	7.85	1395840	20.0
unknown8.67	8.67	3.9	ng	272516	2	7.85	1395840	20.0
5H-Benzocyclohept...	8.76	4.1	ng	228937	3	9.59	1106840	20.0
unknown8.87	8.87	8.6	ng	476468	3	9.59	1106840	20.0
Naphthalene, deca...	9.05	5.1	ng	280641	3	9.59	1106840	20.0
Ethanol, 2-(2-chl...	9.10	5.1	ng	280138	3	9.59	1106840	20.0
unknown9.24	9.24	6.3	ng	346994	3	9.59	1106840	20.0
Naphthalene, 1,6-...	9.39	11.4	ng	629608	3	9.59	1106840	20.0
Naphthalene, 2,6-...	9.45	5.2	ng	289727	3	9.59	1106840	20.0
Naphthalene, 1,4,...	9.91	3.7	ng	204502	3	9.59	1106840	20.0
Pyrrolo[1,2-a]-1,...	12.43	4.5	ng	163617	5	13.69	721968	20.0
Hexadecanoic acid...	12.48	11.6	ng	418098	5	13.69	721968	20.0
Octadecanoic acid...	13.18	7.0	ng	253805	5	13.69	721968	20.0
unknown13.44	13.44	4.4	ng	159479	5	13.69	721968	20.0