LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092550.D
Acq On : 27 Jan 2017 2:53
Operator : SJ/MA
Sample : I1452-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-44

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-BF012417.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	5.150	266	268	272	rBV	441551	544762	11.13%	1.289%
2	5.242	274	276	279	rVB	195375	184729	3.77%	0.437%
3	5.562	301	304	306	rBV	2373564	2136478	43.65%	5.056%
4	6.590	391	394	396	rBV	1515385	1506335	30.78%	3.565%
5	6.739	404	407	408	rBV	3231759	4047827	82.71%	9.580%
6	6.910	419	422	424	rVB2	78362	107688	2.20%	0.255%
7	6.967	424	427	431	rBV	1198753	1104188	22.56%	2.613%
8	7.127	438	441	443	rBV	3774565	3599493	73.55%	8.519%
9	7.310	454	457	459	rBV2	39230	76107	1.56%	0.180%
10	7.539	473	477	479	rBV	3012288	3378909	69.04%	7.997%
11	7.619	482	484	486	rBV2	134393	140991	2.88%	0.334%
12	7.653	486	487	488	rBV	71563	52598	1.07%	0.124%
13	7.722	490	493	495	rBV2	79285	97943	2.00%	0.232%
14	7.779	497	498	501	rVB2	64462	78545	1.60%	0.186%
15	7.836	501	503	507	rBV2	39609	71552	1.46%	0.169%
16	7.928	507	511	513	rBV2	57997	90524	1.85%	0.214%
17	7.996	513	517	521	rBV4	58351	187400	3.83%	0.444%
18	8.259	537	540	543	rBV	1477131	1463007	29.89%	3.462%
19	8.305	543	544	547	rVB3	71834	99578	2.03%	0.236%
20	8.362	547	549	550	rBV2	30073	51430	1.05%	0.122%
21	8.419	551	554	558	rVV5	70090	158251	3.23%	0.375%
22	8.510	558	562	563	rBV3	98451	135836	2.78%	0.321%
23	8.545	563	565	567	rBV3	53506	69932	1.43%	0.166%
24	8.625	568	572	576	rBV7	101550	254982	5.21%	0.603%
25	8.716	576	580	581	rBV3	70457	164997	3.37%	0.390%
26	8.739	581	582	585	rVB2	105405	98223	2.01%	0.232%
27	8.796	585	587	588	rBV2	71958	78991	1.61%	0.187%
28	8.819	588	589	592	rBV	181774	286508	5.85%	0.678%
29	8.865	592	593	594	rBV	70536	62841	1.28%	0.149%
30	8.933	597	599	600	rVB2	44252	56441	1.15%	0.134%
31	9.002	603	605	610	rVB5	112835	223604	4.57%	0.529%
32	9.070	610	611	612	rBV	71191	73028	1.49%	0.173%
33	9.116	613	615	617	rVB2	129179	187998	3.84%	0.445%
34	9.162	617	619	620	rBV2	99666	156623	3.20%	0.371%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092550.D
Acq On : 27 Jan 2017 2:53
Operator : SJ/MA
Sample : I1452-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-44

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-BF012417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.219	620	624	626	rVB4	122998	245655	5.02%	0.581%
36	9.253	626	627	629	rBV2	131889	182658	3.73%	0.432%
37	9.299	629	631	632	rVV2	134332	190977	3.90%	0.452%
38	9.345	632	635	638	rVV	4466768	4894164	100.00%	11.583%
39	9.391	638	639	640	rVB	117622	80689	1.65%	0.191%
40	9.436	641	643	645	rVB3	55278	77615	1.59%	0.184%
41	9.688	663	665	666	rVB	227407	212982	4.35%	0.504%
42	9.722	666	668	669	rBV	137276	191588	3.91%	0.453%
43	9.813	672	676	680	rVB3	209589	492068	10.05%	1.165%
44	9.882	680	682	687	rBV6	64312	206212	4.21%	0.488%
45	10.031	692	695	697	rVB	1058253	1501766	30.68%	3.554%
46	10.293	716	718	719	rBV2	64511	114752	2.34%	0.272%
47	10.328	719	721	723	rVV2	173371	288269	5.89%	0.682%
48	10.408	727	728	731	rVV2	131905	165855	3.39%	0.393%
49	10.522	736	738	741	rVV2	103727	142360	2.91%	0.337%
50	10.671	749	751	753	rVB3	164389	200227	4.09%	0.474%
51	10.774	758	760	761	rVV	234525	271918	5.56%	0.644%
52	10.819	761	764	767	rVB	2538794	2777709	56.76%	6.574%
53	10.922	772	773	778	rBV3	80257	175202	3.58%	0.415%
54	11.105	787	789	792	rBV2	62552	116428	2.38%	0.276%
55	11.379	811	813	815	rVB3	98387	138233	2.82%	0.327%
56	11.516	822	825	827	rBV	1557987	1426047	29.14%	3.375%
57	11.722	842	843	845	rBV	53591	57010	1.16%	0.135%
58	12.054	870	872	877	rVB4	142858	174875	3.57%	0.414%
59	12.991	953	954	962	rVB	310314	498683	10.19%	1.180%
60	13.117	962	965	967	rVB	3569637	4101861	83.81%	9.708%
61	14.157	1054	1056	1059	rVB	1158972	1120232	22.89%	2.651%
62	15.643	1183	1186	1193	rVB	696473	963090	19.68%	2.279%
63	16.123	1225	1228	1233	rVB	40052	73698	1.51%	0.174%
64	16.637	1270	1273	1280	rVB2	38541	89962	1.84%	0.213%
65	17.243	1324	1326	1329	rVB3	26117	52144	1.07%	0.123%

Sum of corrected areas: 42253268

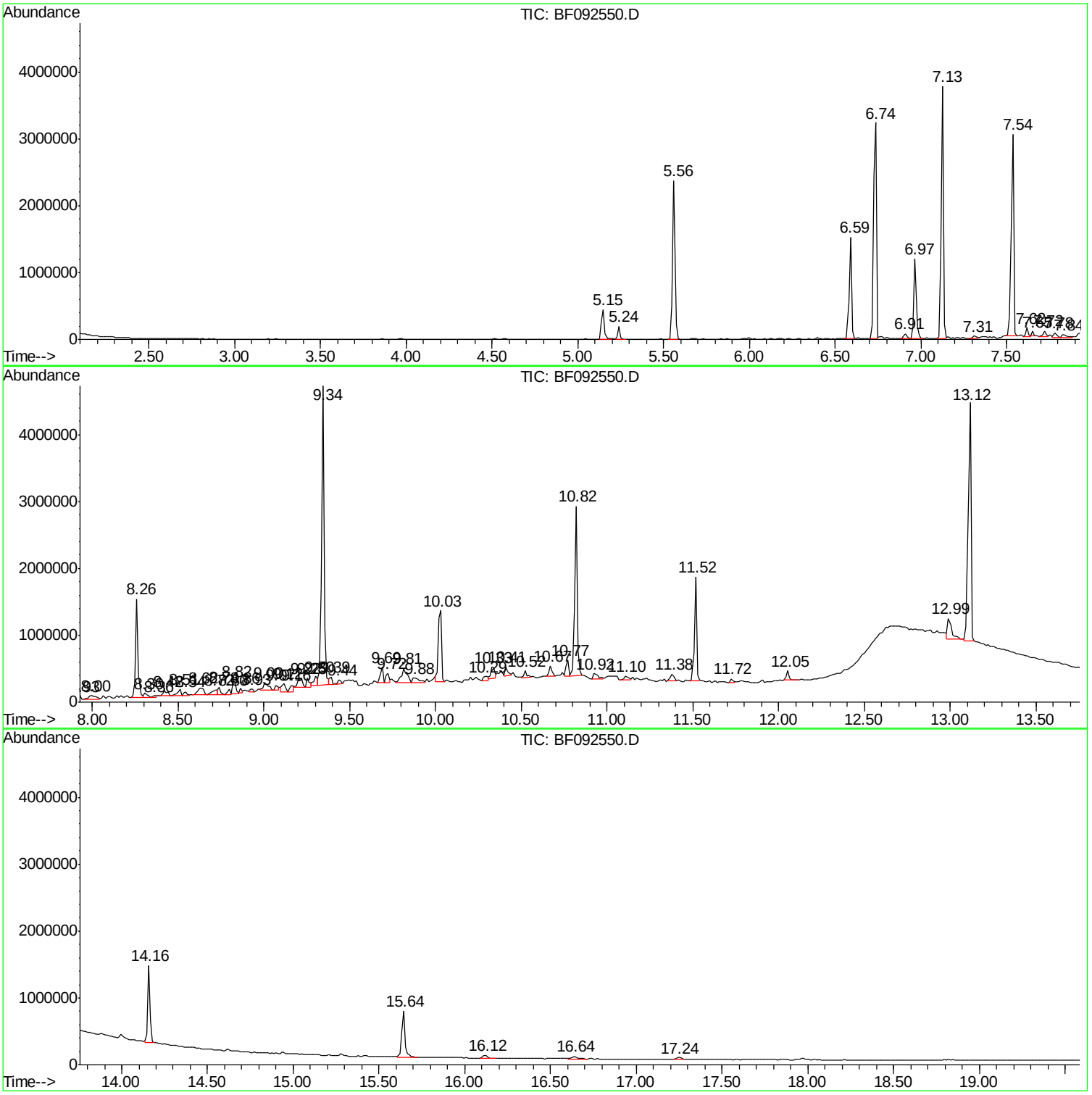
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092550.D
Acq On : 27 Jan 2017 2:53
Operator : SJ/MA
Sample : I1452-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-44

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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\BF012617\
Data File : BF092550.D
Acq On : 27 Jan 2017 2:53
Operator : SJ/MA
Sample : I1452-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

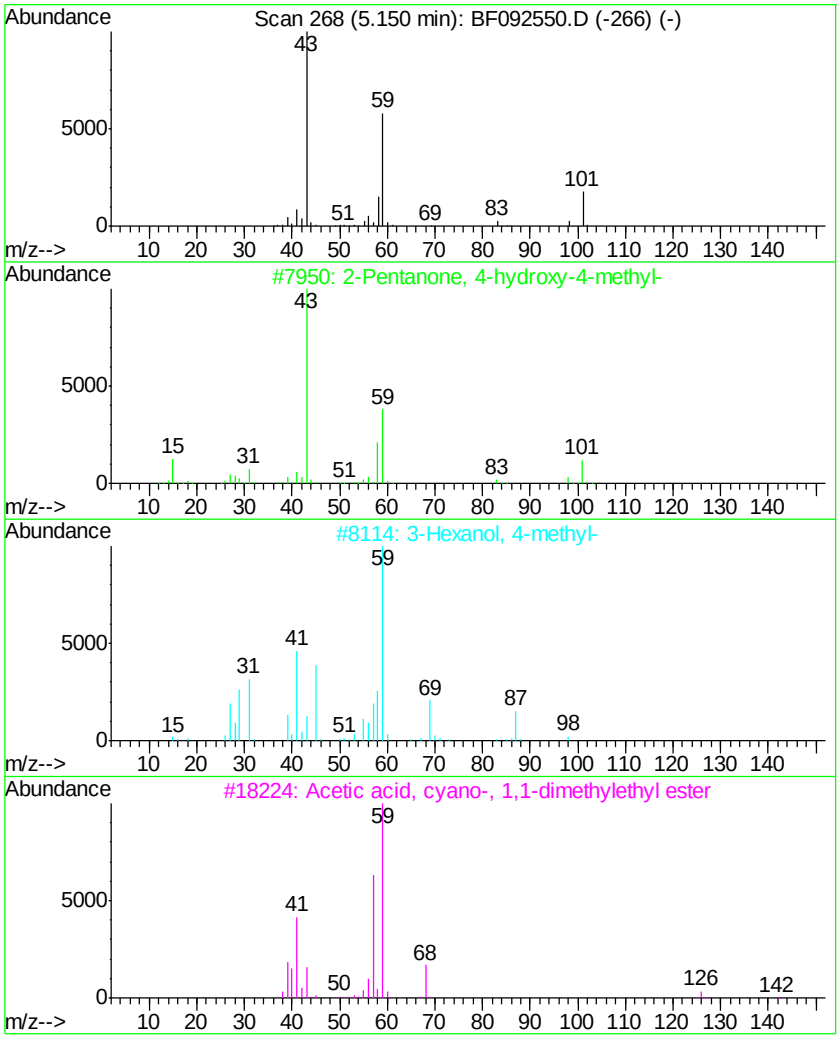
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

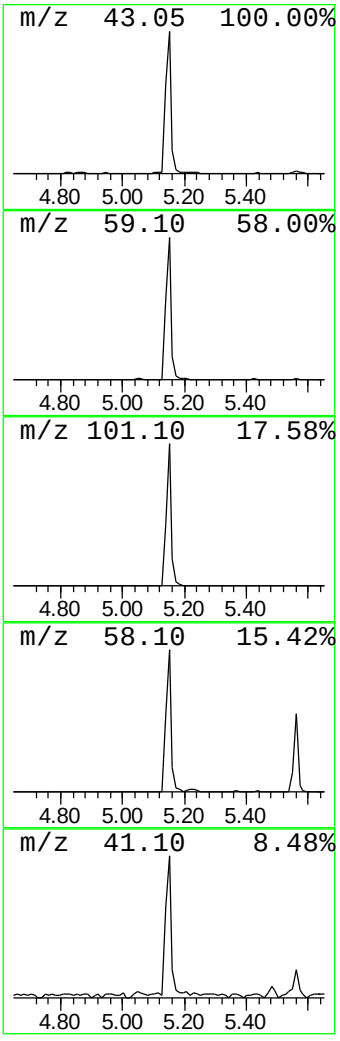
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	9.87 ng	544762	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092550.D
Acq On : 27 Jan 2017 2:53
Operator : SJ/MA
Sample : I1452-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-44

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

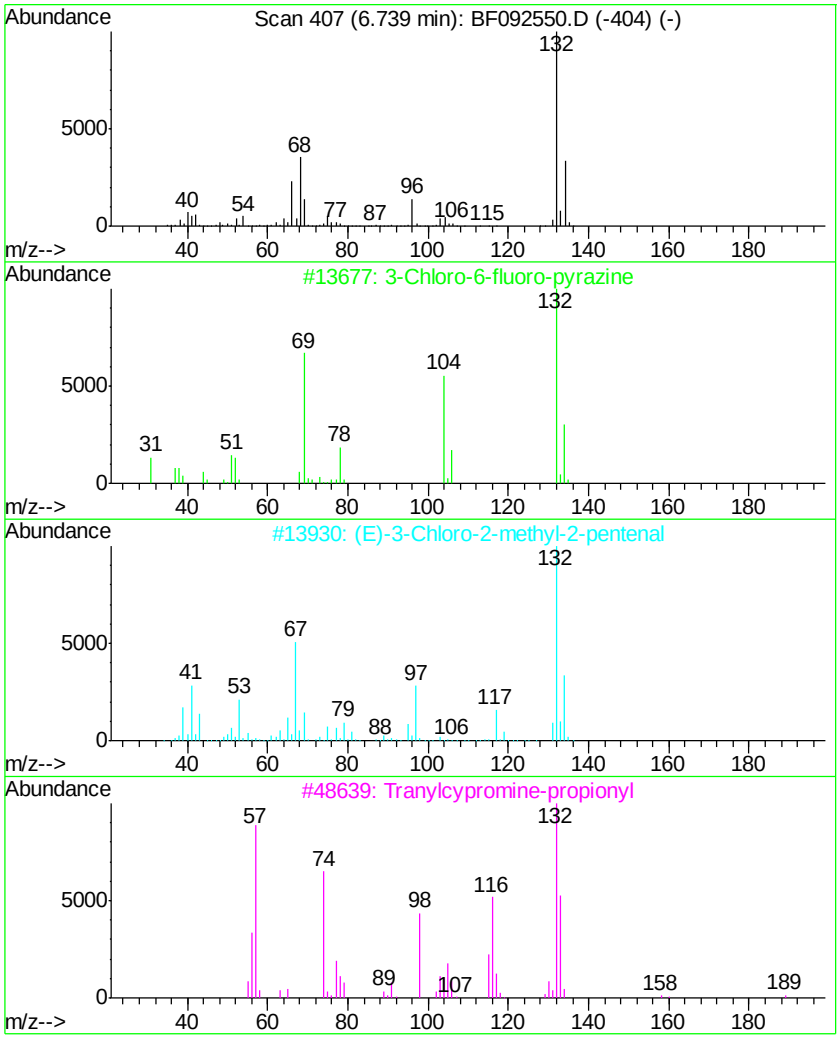
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

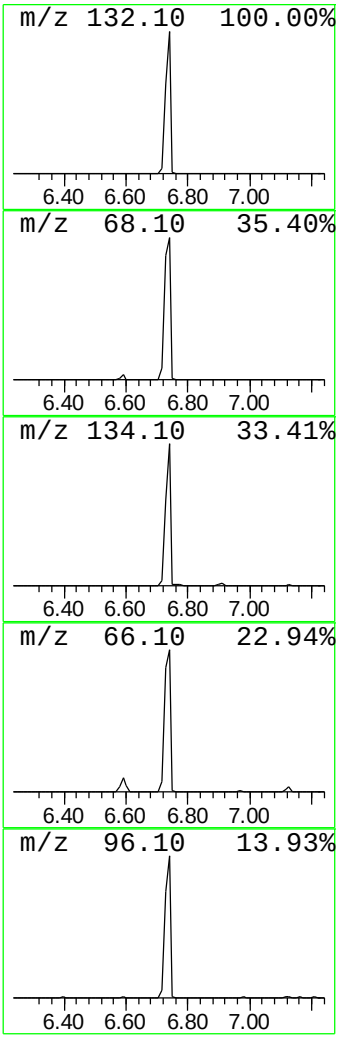
****

Peak Number 3 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	73.32 ng	4047830	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	16
5	Amphetaminil	250	C17H18N2	017590-01-1	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092550.D
Acq On : 27 Jan 2017 2:53
Operator : SJ/MA
Sample : I1452-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-44

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

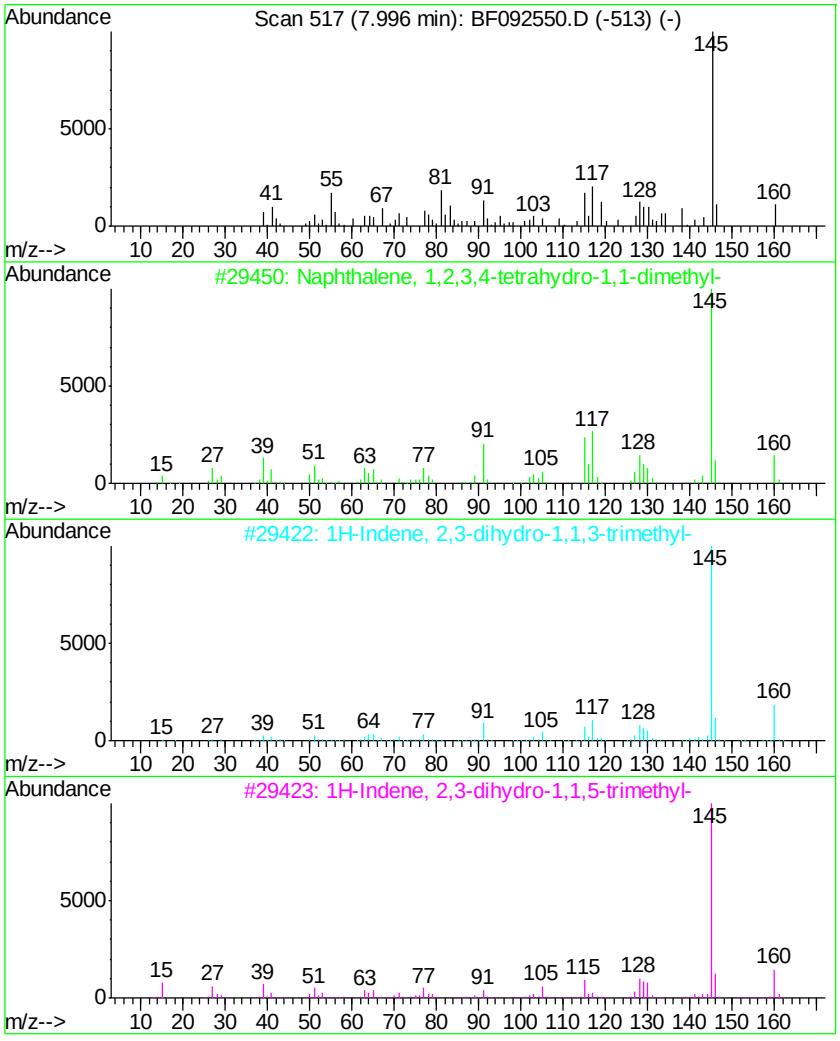
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

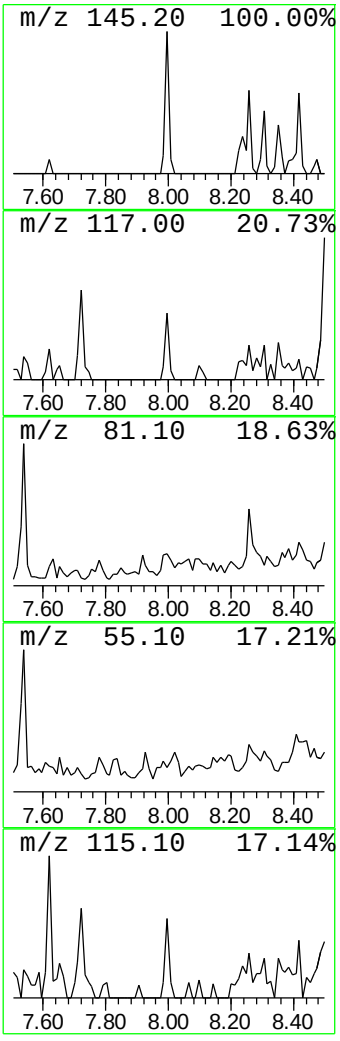
****

Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	2.56 ng	187400	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	90
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	87
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	76
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	76
5	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092550.D
Acq On : 27 Jan 2017 2:53
Operator : SJ/MA
Sample : I1452-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-44

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

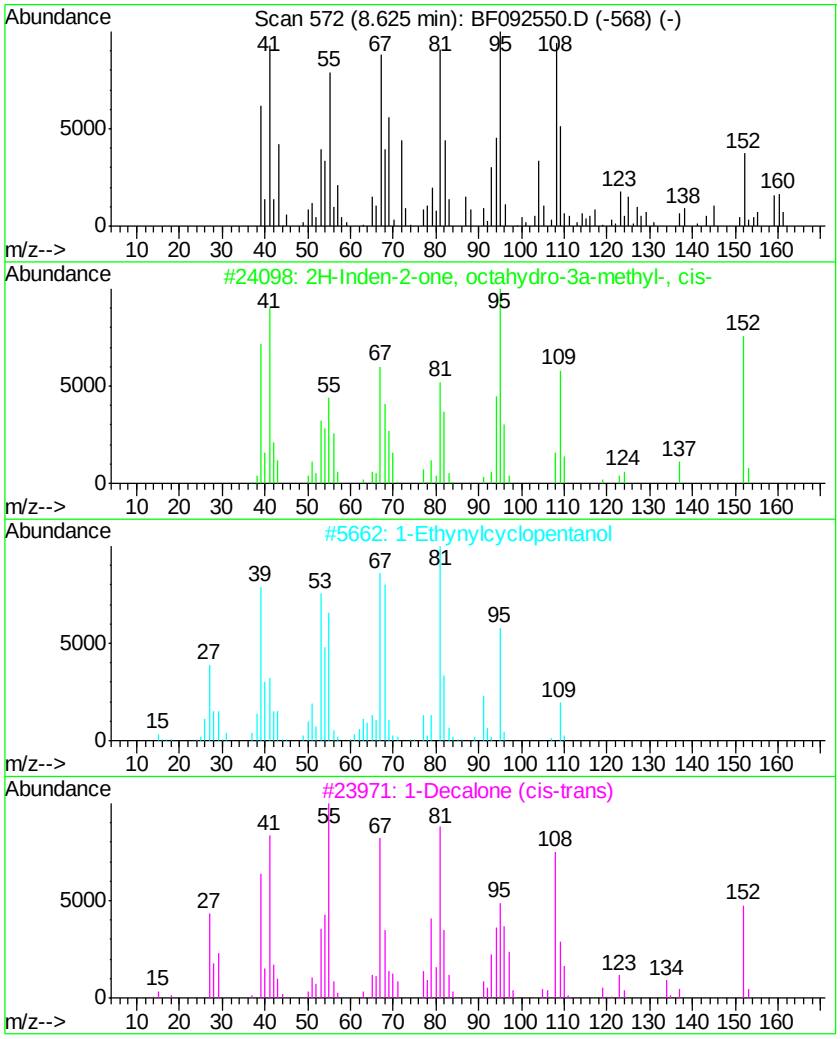
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

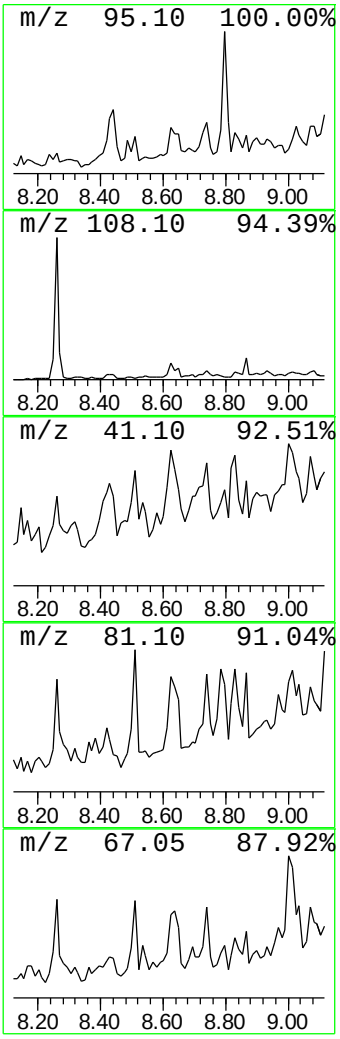
****

Peak Number 6 2H-Inden-2-one, octahydro-3... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	3.49 ng	254982	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Inden-2-one, octahydro-3a-met...	152	C10H16O	013351-29-6	60
2	1-Ethynylcyclopentanol	110	C7H10O	017356-19-3	60
3	1-Decalone (cis-trans)	152	C10H16O	004832-16-0	49
4	2-Decalone,c&t	152	C10H16O	004832-17-1	49
5	2-Methyl-1,5-heptadiene (c,t)	110	C8H14	006766-54-7	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092550.D
Acq On : 27 Jan 2017 2:53
Operator : SJ/MA
Sample : I1452-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-44

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

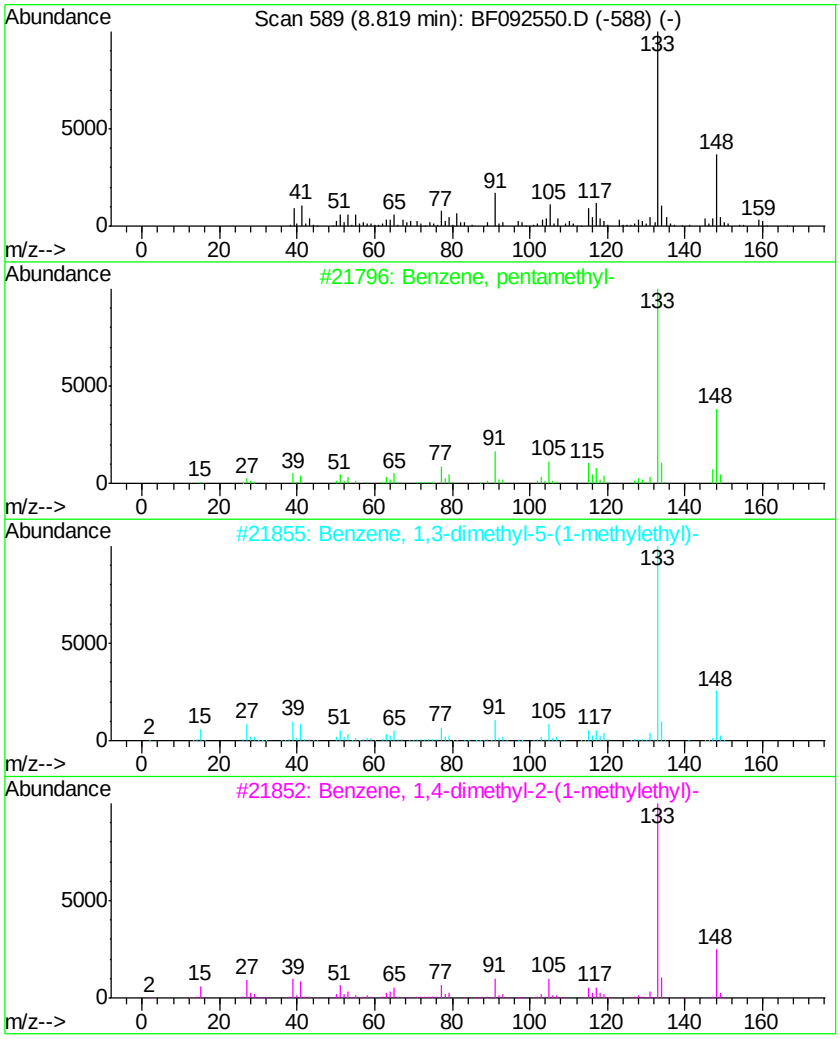
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

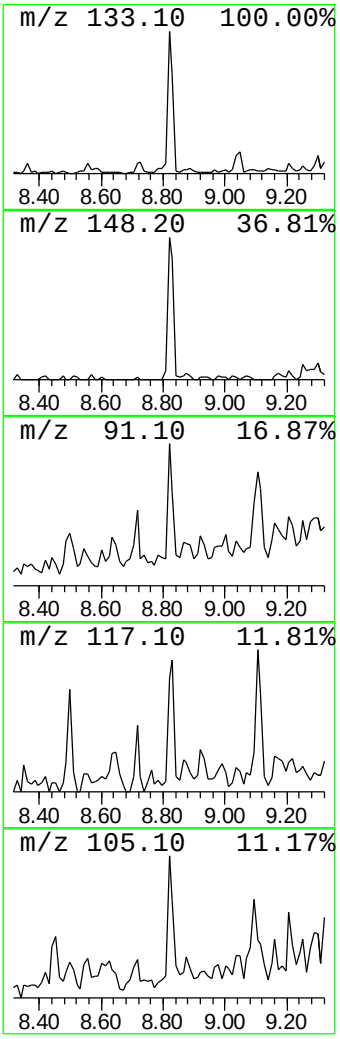
****

Peak Number 7 Benzene, pentamethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	3.92 ng	286508	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	91
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
3	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	87
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	81
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092550.D
Acq On : 27 Jan 2017 2:53
Operator : SJ/MA
Sample : I1452-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-44

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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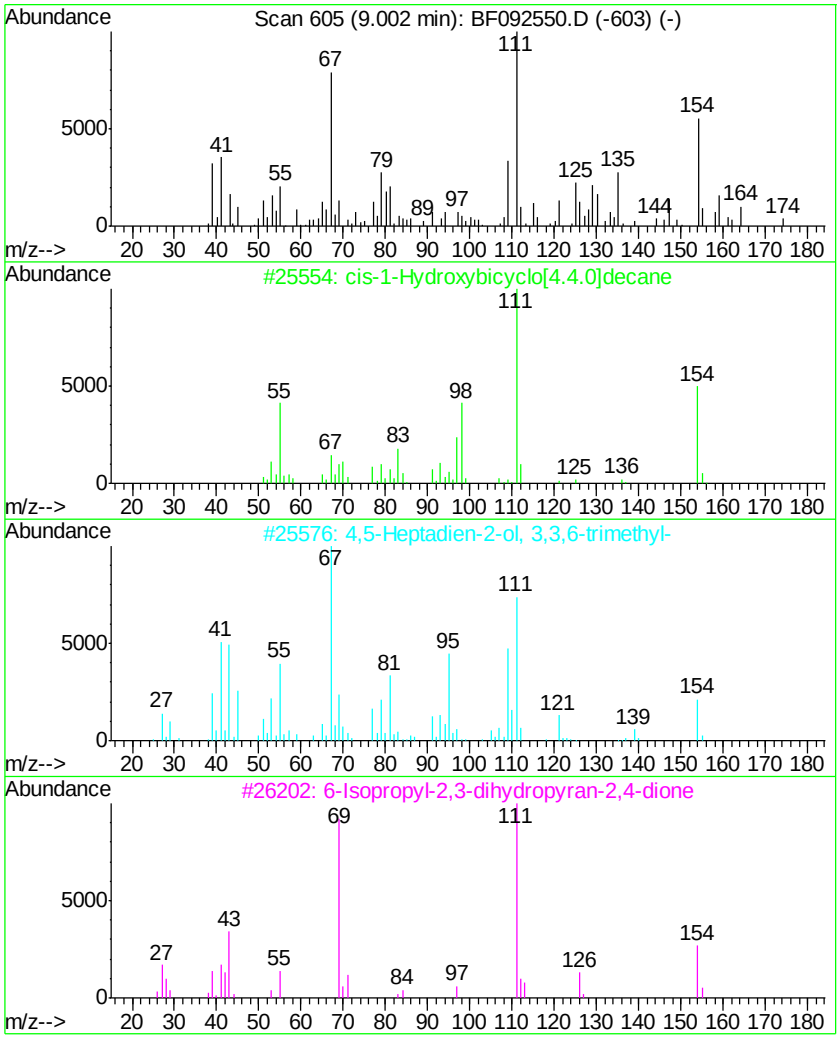
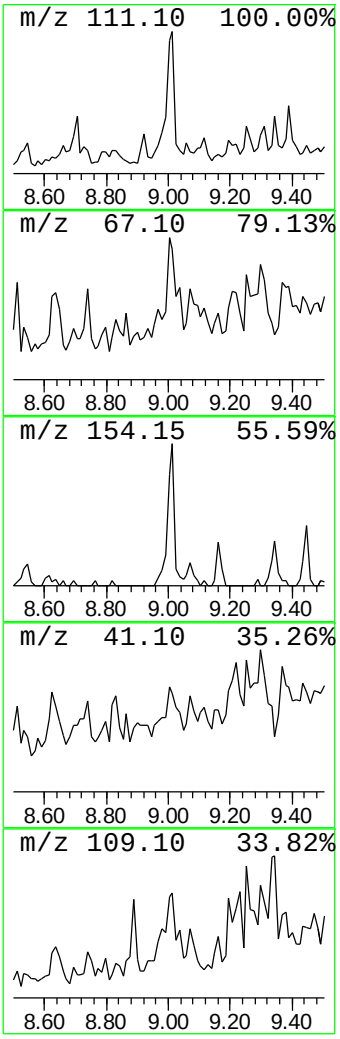
Peak Number 8 unknown9.00 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	3.06 ng	223604	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Hydroxybicyclo[4.4.0]decane	154	C10H18O	003574-58-1	35
2	4,5-Heptadien-2-ol, 3,3,6-trimet...	154	C10H18O	060432-69-1	35
3	6-Isopropyl-2,3-dihydropyran-2,4...	154	C8H10O3	035236-83-0	27
4	1,2-Propanedione, 1-(2-thienyl)-	154	C7H6O2S	013678-69-8	27
5	2-Thiophenecarboxylic acid, 1-cy...	224	C12H16O2S	1000278-88-4	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092550.D
Acq On : 27 Jan 2017 2:53
Operator : SJ/MA
Sample : I1452-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-44

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

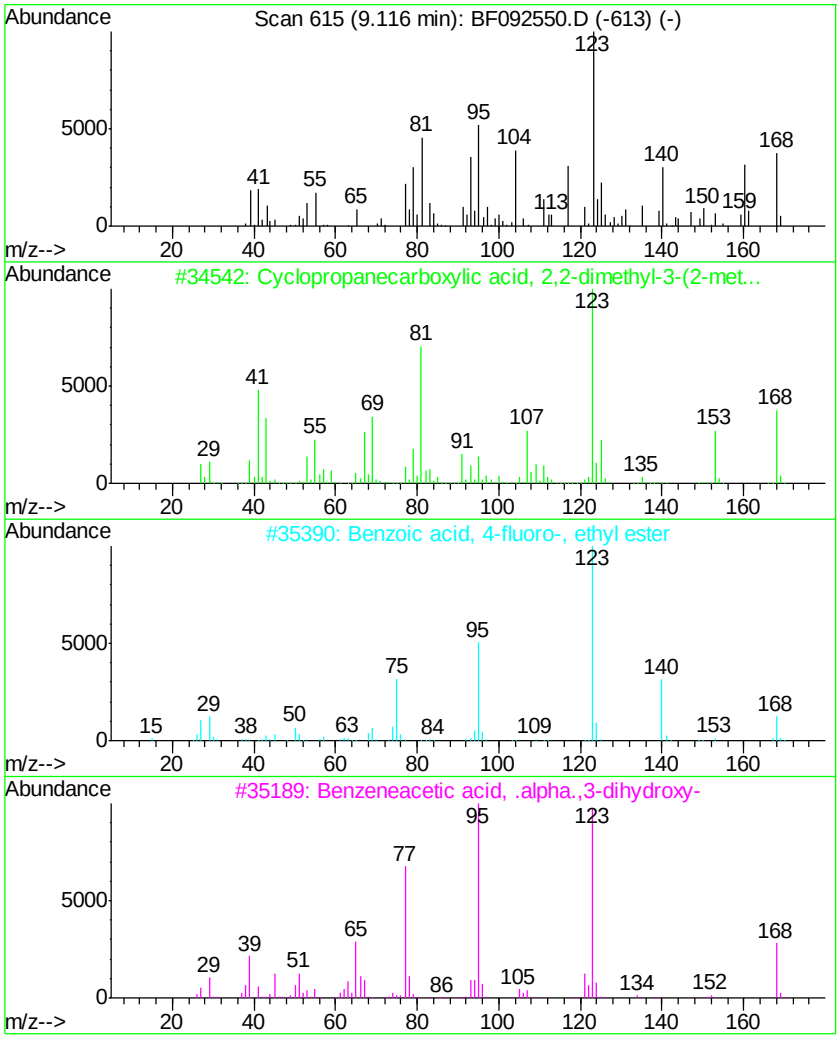
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

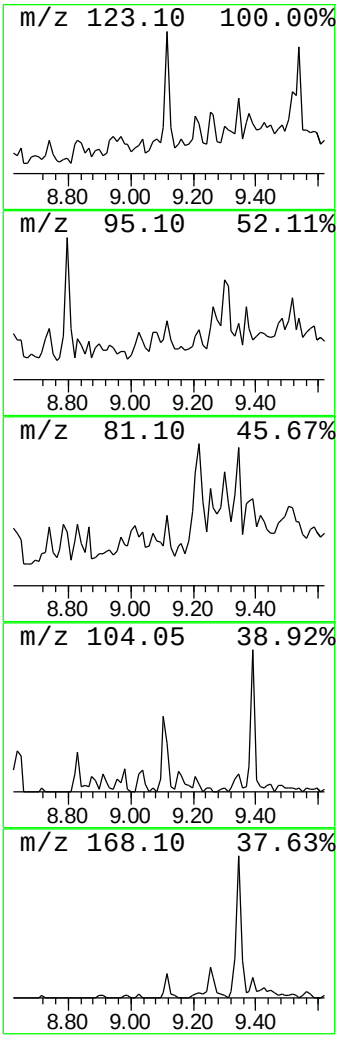
****

Peak Number 9 unknown9.12 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	2.57 ng	187998	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxylic acid, 2,2...	168	C10H16O2	015259-78-6	41
2	Benzoic acid, 4-fluoro-, ethyl e...	168	C9H9FO2	000451-46-7	38
3	Benzeneacetic acid, .alpha.,3-di...	168	C8H8O4	017119-15-2	38
4	3-Fluorobenzoic acid, 1-cyclopen...	236	C14H17FO2	1000279-04-7	35
5	Cyclopropanecarboxylic acid, 2,2...	168	C10H16O2	000705-16-8	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092550.D
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Operator : SJ/MA
Sample : I1452-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-44

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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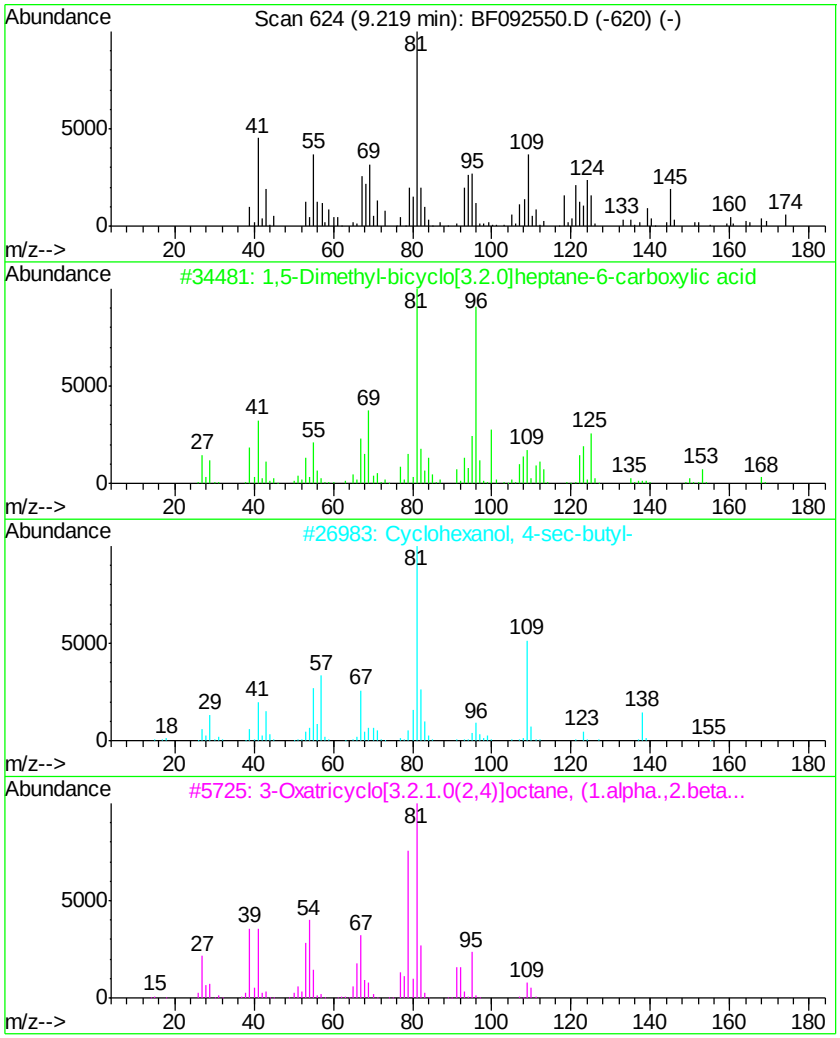
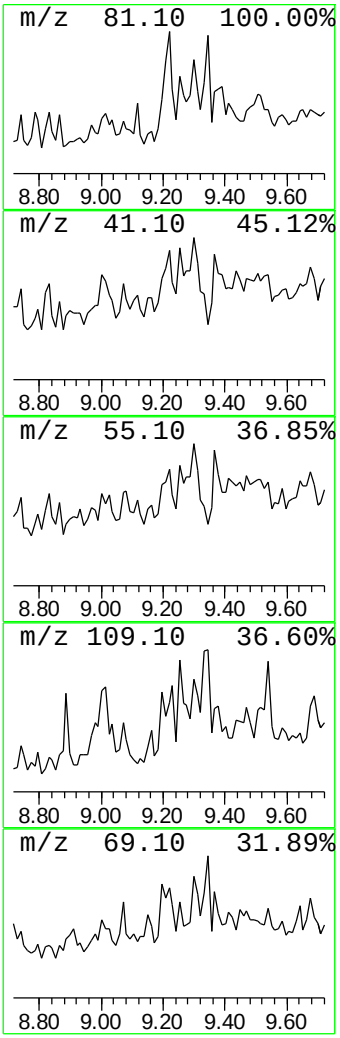
Peak Number 10 unknown9.22 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	3.27 ng	245655	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Dimethyl-bicyclo[3.2.0]hepta...	168	C10H16O2	1000190-69-8	43
2	Cyclohexanol, 4-sec-butyl-	156	C10H20O	006292-20-2	38
3	3-Oxatricyclo[3.2.1.0(2,4)]octan...	110	C7H10O	003146-39-2	35
4	1-Chlorosulfonyl-3-methyl-1-azas...	251	C9H14ClNO3S	016933-89-4	35
5	Cyclohexene, 3-(1-methylethyl)-	124	C9H16	003983-08-2	32





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Acq On : 27 Jan 2017 2:53
Operator : SJ/MA
Sample : I1452-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-44

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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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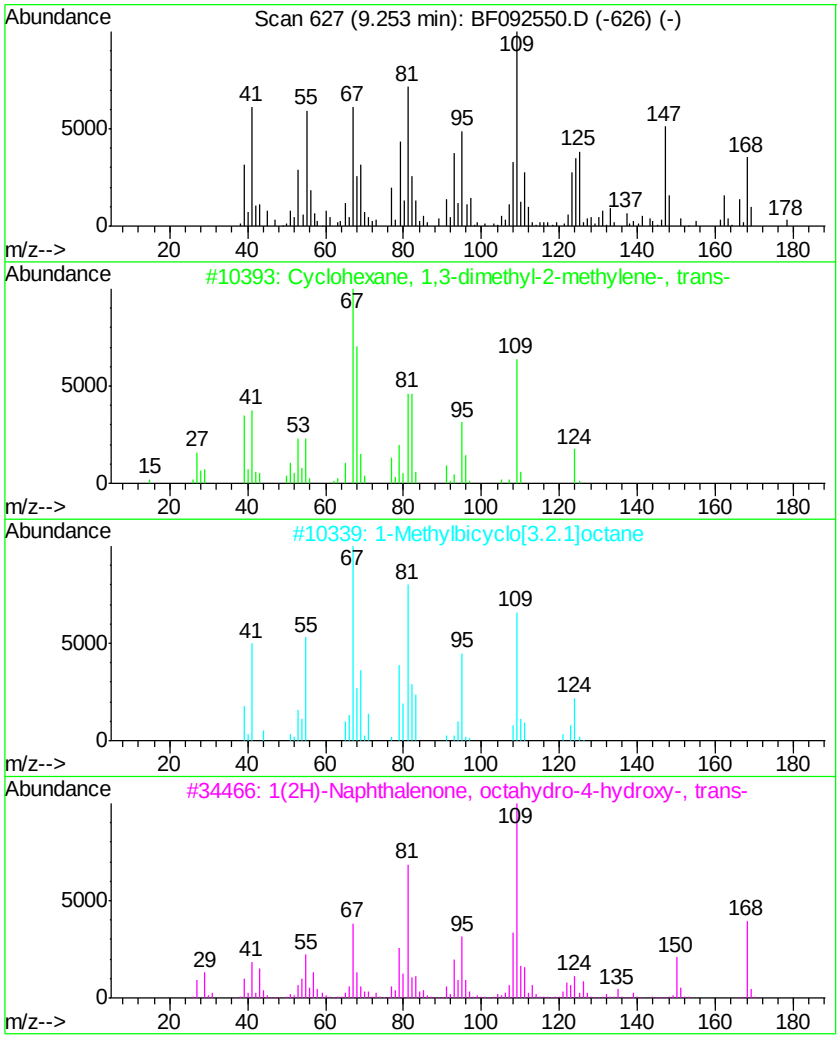
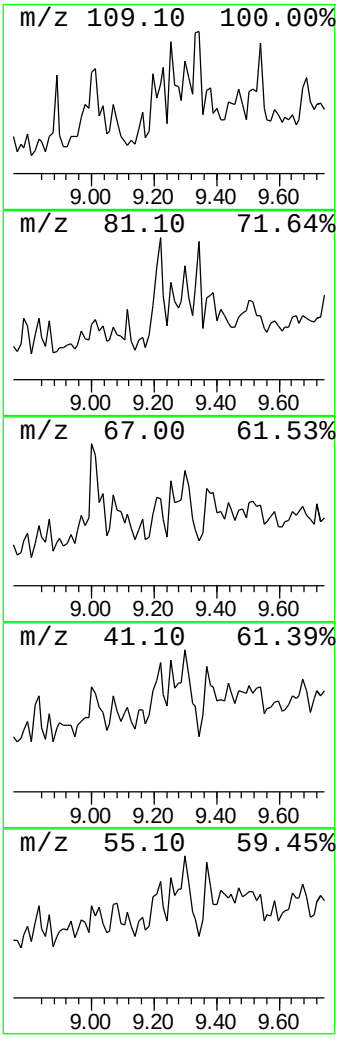
Peak Number 11 unknown9.25 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	2.43 ng	182658	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	45
2	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	43
3	1(2H)-Naphthalenone, octahydro-4...	168	C10H16O2	021766-50-7	43
4	Cyclopentanol, 1-(methylenecyclo...	138	C9H14O	086951-58-8	30
5	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	30





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ClientSampleId : W-44

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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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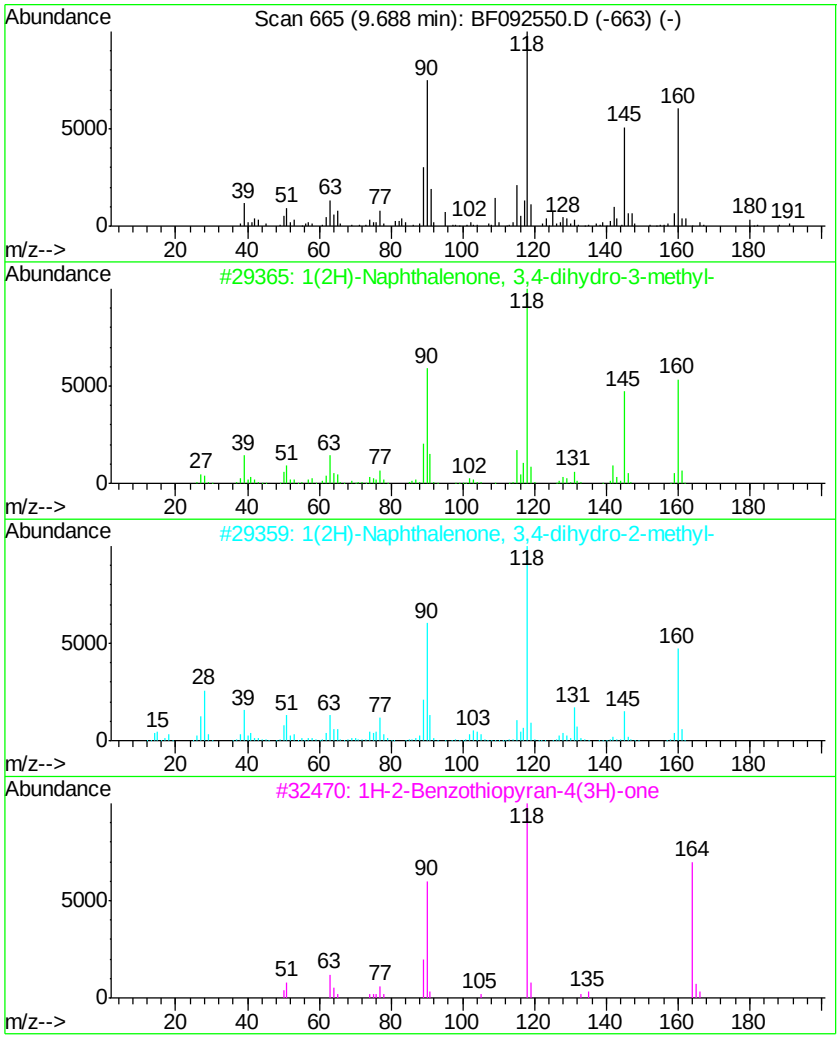
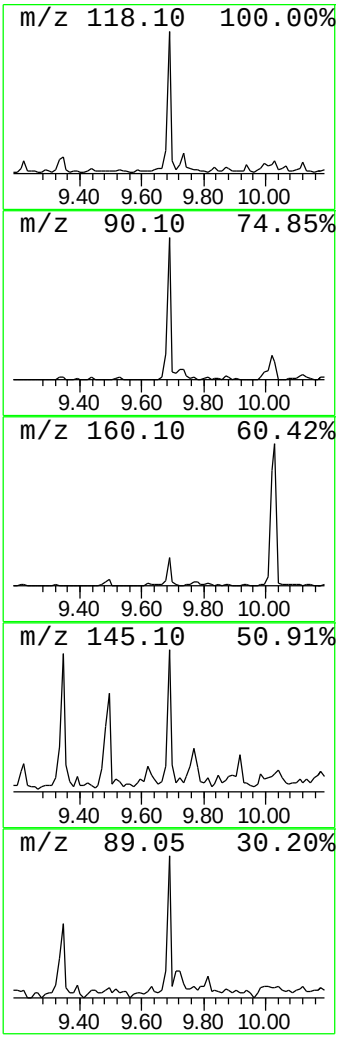
Peak Number 12 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	2.84 ng	212982	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	95
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	90
3	1H-2-Benzothiopyran-4(3H)-one	164	C9H8OS	004426-76-0	64
4	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	50
5	1,3,2-Dioxaborolan-4-one, 2-ethy...	190	C10H11BO3	074646-15-4	40





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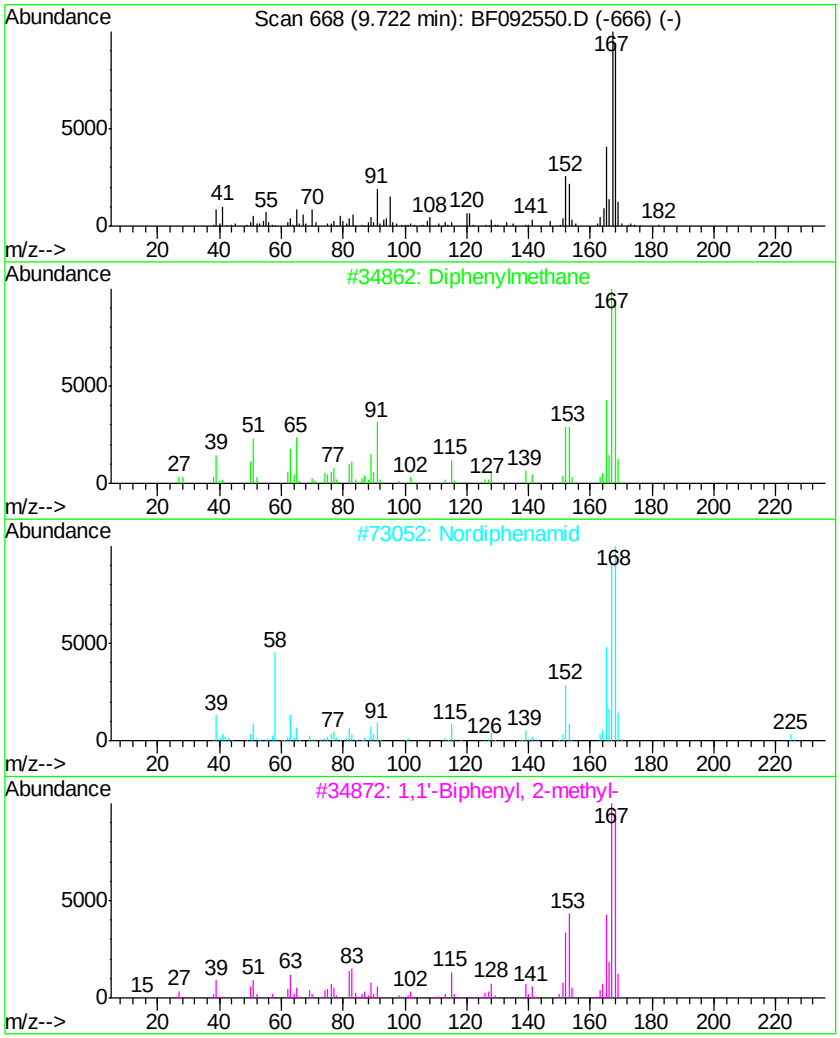
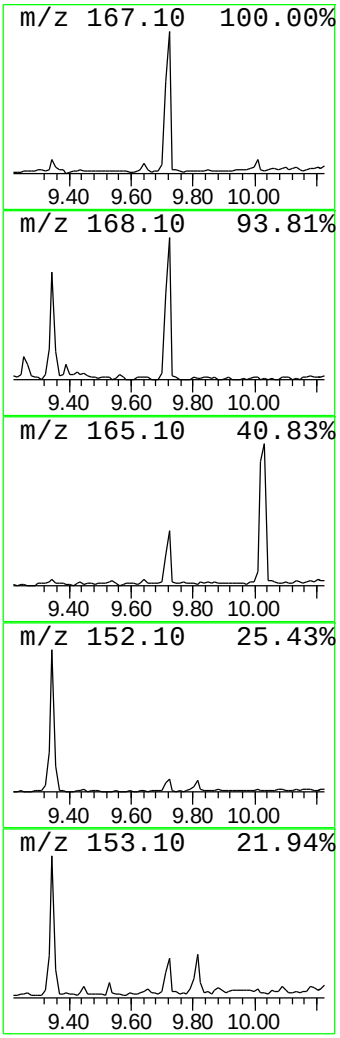
Peak Number 13 Diphenylmethane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	2.55 ng	191588	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	90
2	Nordiphenamid	225	C15H15NO	000954-21-2	78
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	72
5	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	62





Library Search Compound Report

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Operator : SJ/MA
Sample : I1452-03
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ClientSampleId : W-44

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

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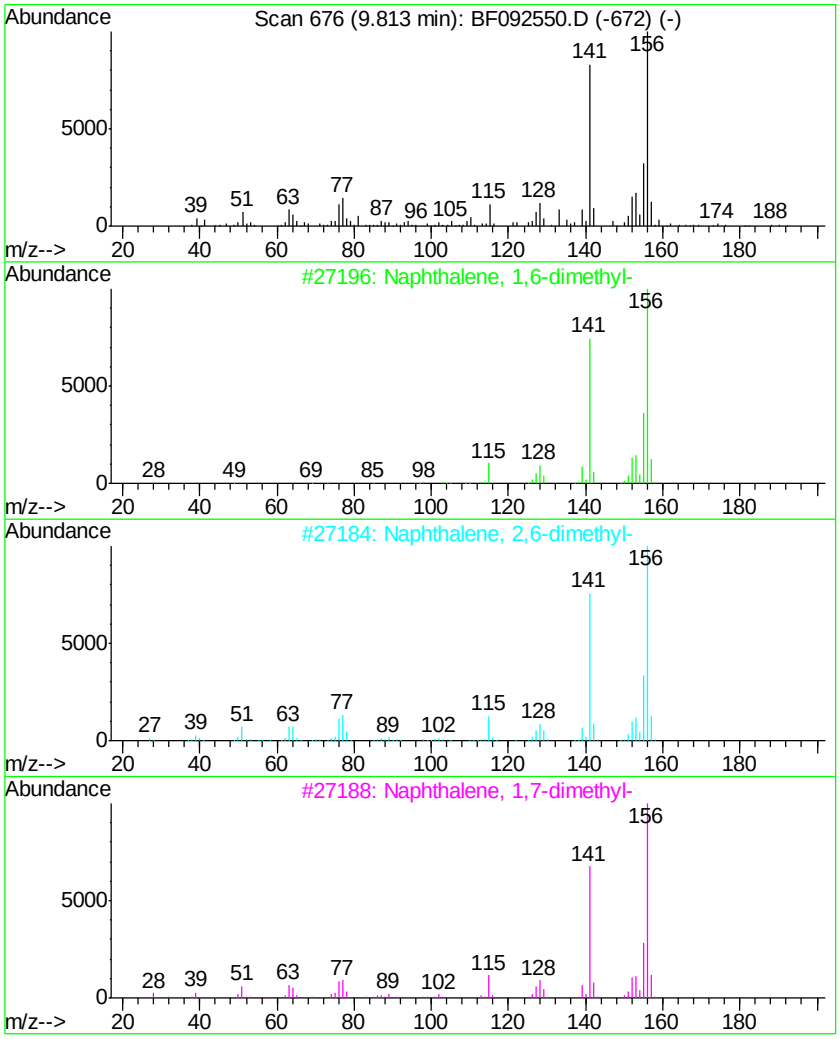
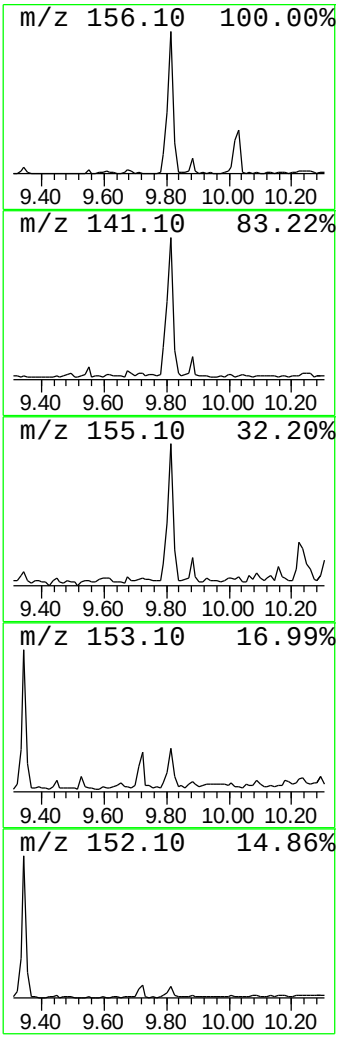
Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	6.55 ng	492068	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95





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Sample : I1452-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

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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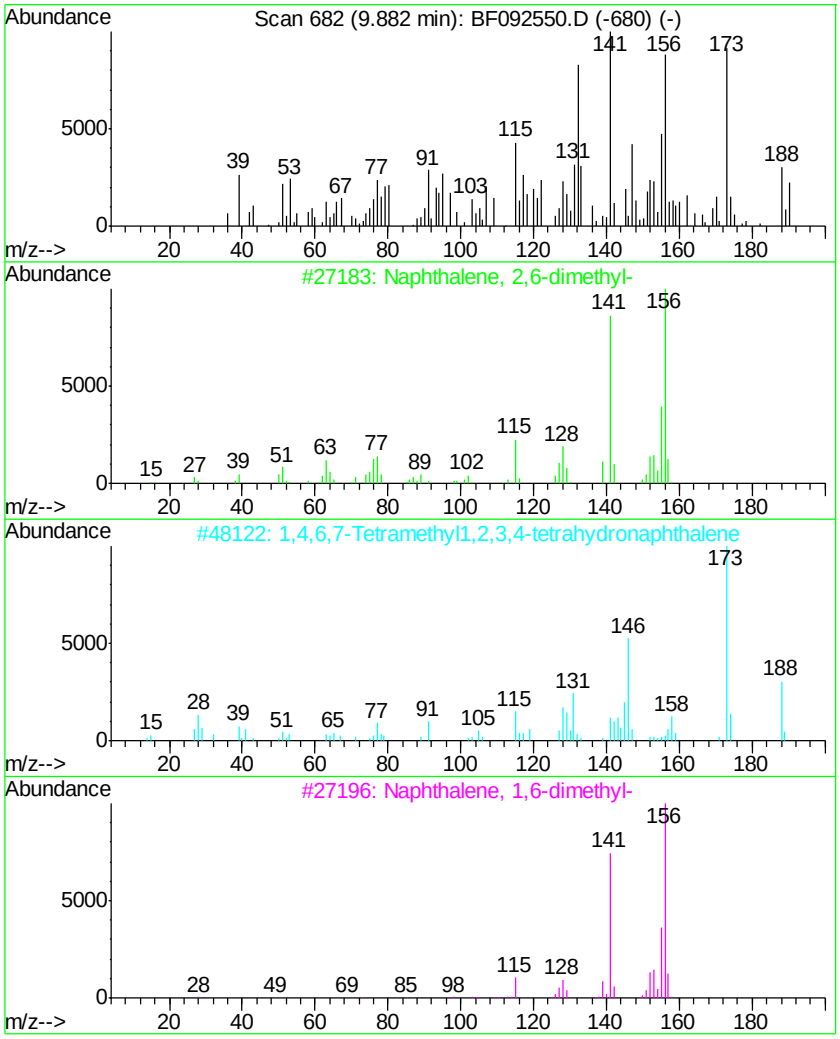
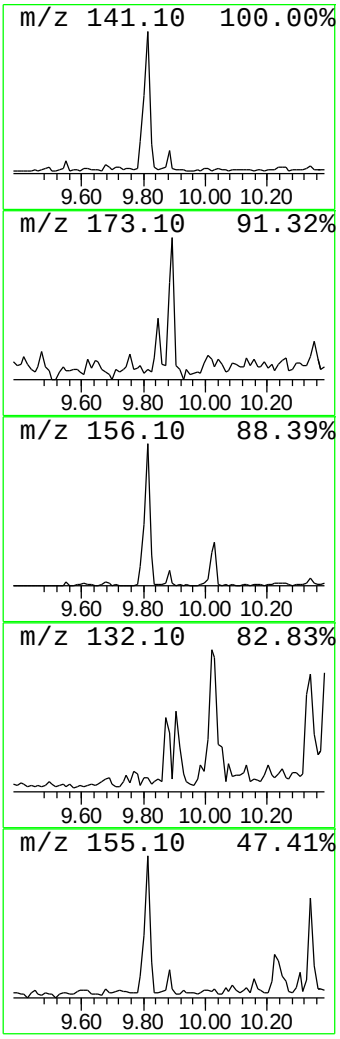
Peak Number 15 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	2.75 ng	206212	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	56
2	1,4,6,7-Tetramethyl1,2,3,4-tetra...	188	C14H20	1000113-61-3	53
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	49
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	42
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	42





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Sample : I1452-03
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ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-44

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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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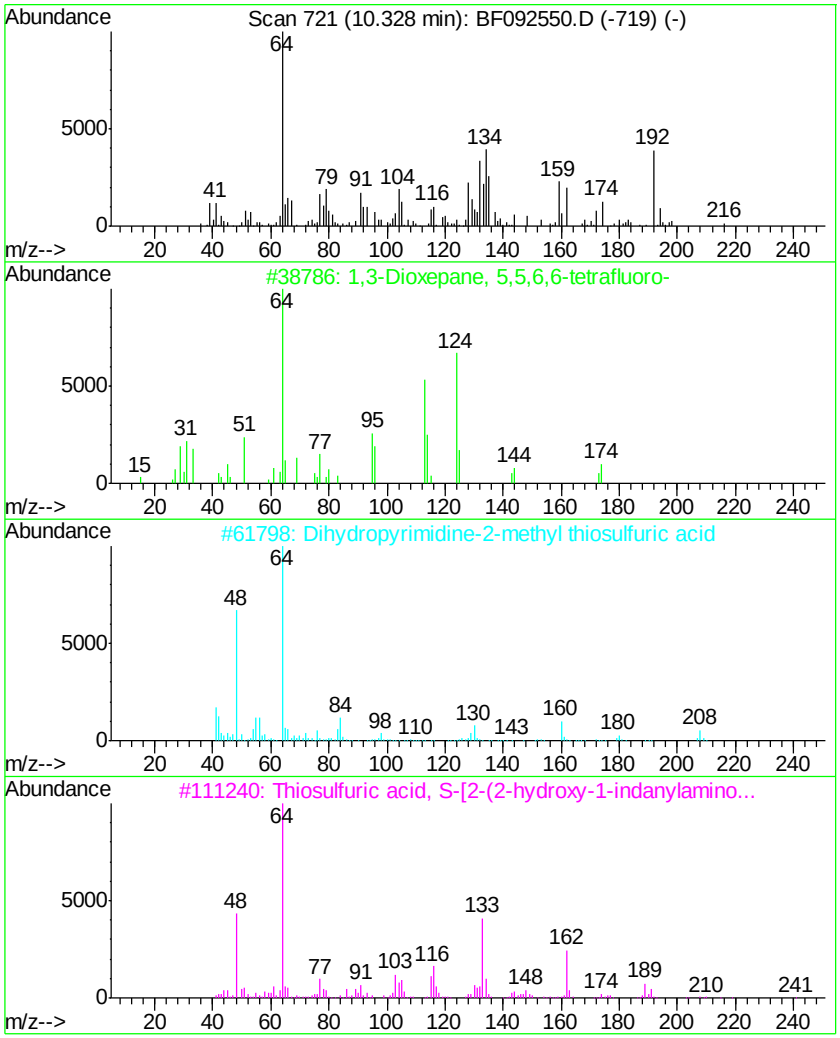
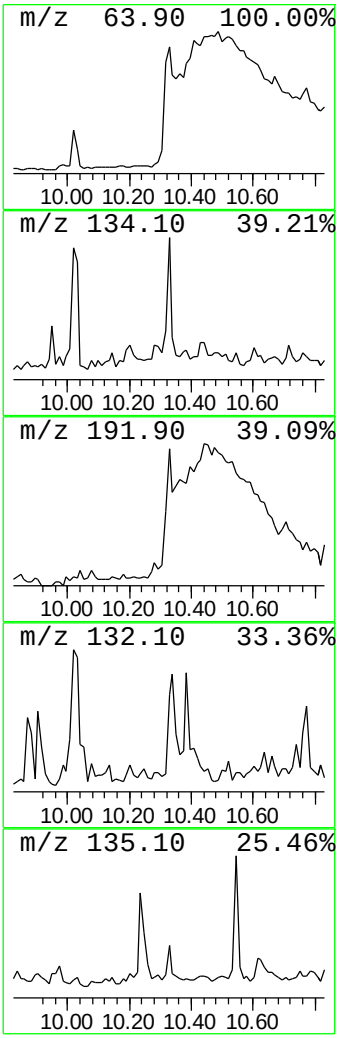
Peak Number 16 unknown10.33 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	3.84 ng	288269	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxepane, 5,5,6,6-tetrafluoro-	174	C5H6F4O2	001547-52-0	38
2	Dihydropyrimidine-2-methyl thios...	208	C5H8N2O3S2	1000256-28-8	28
3	Thiosulfuric acid, S-[2-(2-hydro...	289	C11H15NO4S2	062209-43-2	10
4	N,N'-Hexamethylenebis[s-3-aminop...	424	C12H28N2O6S4	035871-55-7	9
5	S-2-[3-Succinimidopropylamino]et...	296	C9H16N2O5S2	031701-75-4	9





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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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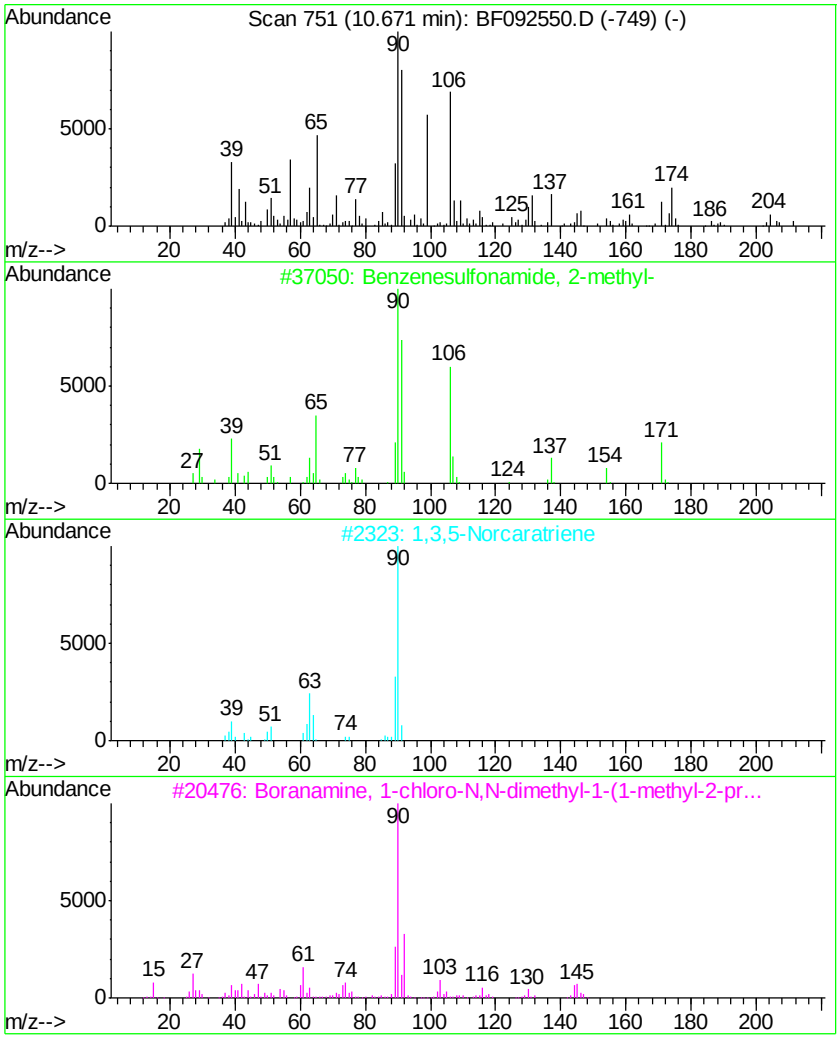
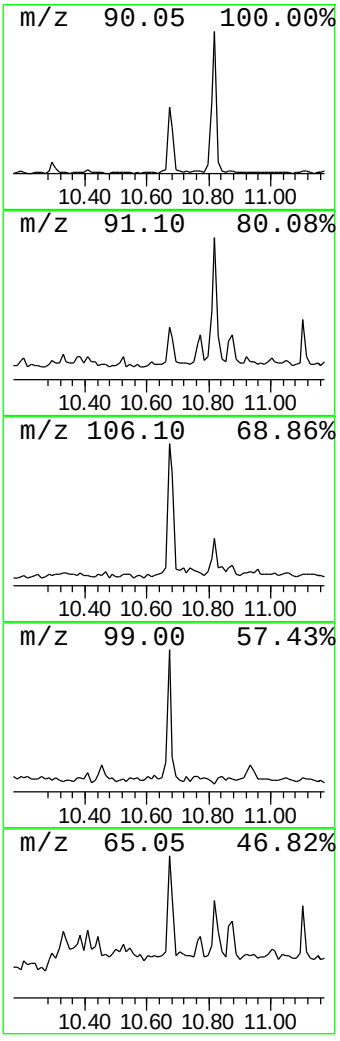
Peak Number 17 Benzenesulfonamide, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	2.67 ng	200227	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	91
2	1,3,5-Norcaratriene	90	C7H6	004646-69-9	38
3	Boranamine, 1-chloro-N,N-dimethy...	145	C6H13BClN	051783-28-9	32
4	2,4-Octadiyne	106	C8H10	002809-71-4	20
5	Benzenesulfonyl fluoride, 4-methyl-	174	C7H7FO2S	000455-16-3	18





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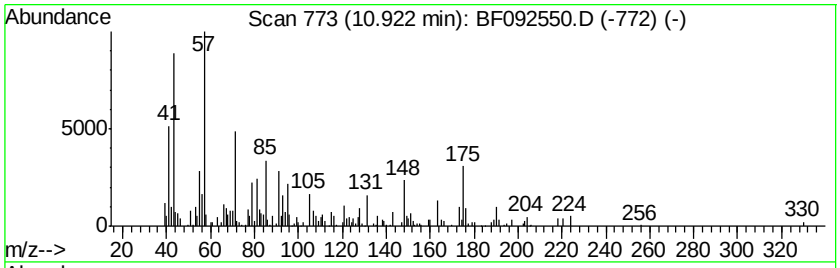
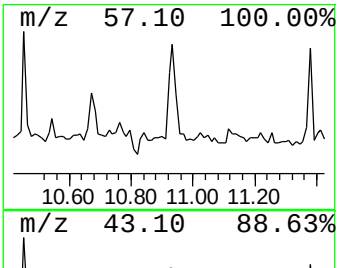
Peak Number 18 unknown10.92 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	2.46 ng	175202	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	30
2	Eicosane	282	C20H42	000112-95-8	25
3	4-Octanone	128	C8H16O	000589-63-9	25
4	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	25
5	Tetradecane	198	C14H30	000629-59-4	22





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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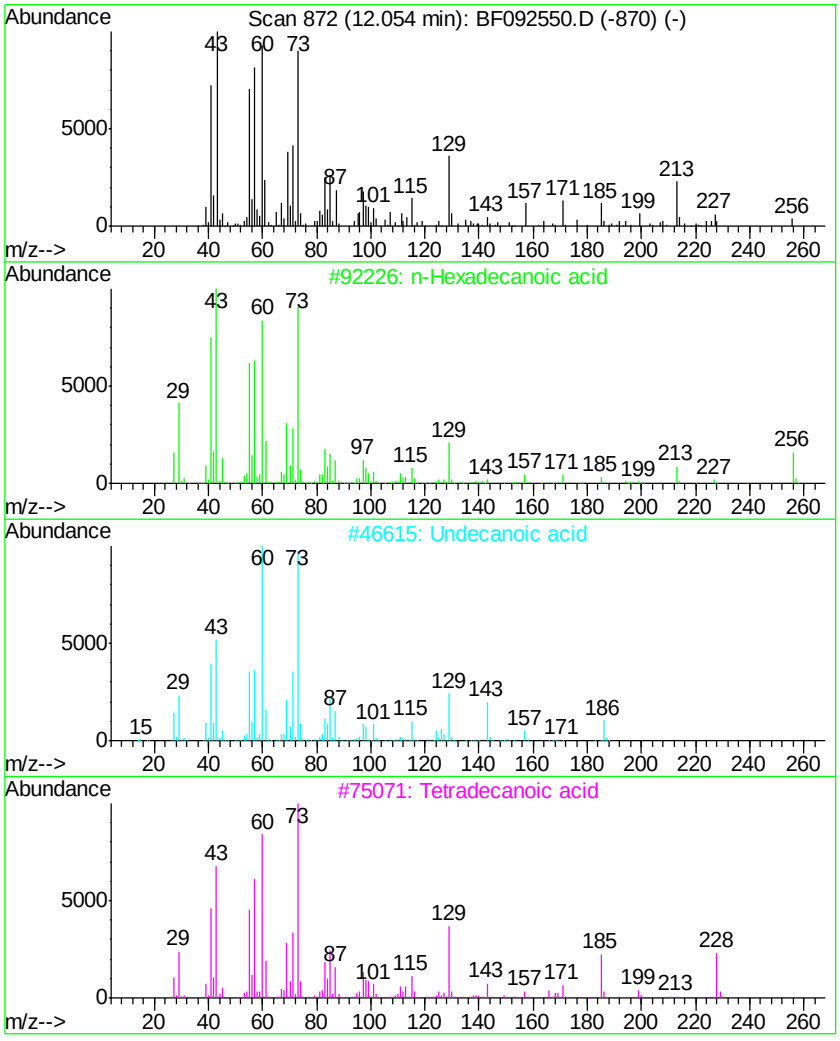
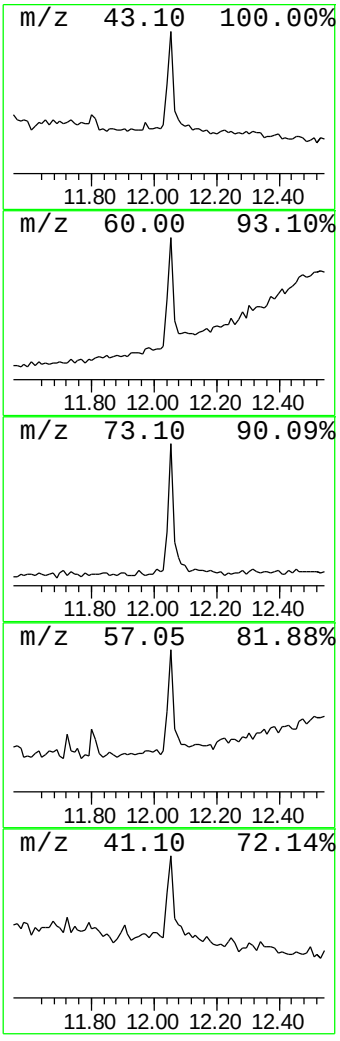
Peak Number 19 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	2.45 ng	174875	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
2	Undecanoic acid	186	C11H22O2	000112-37-8	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





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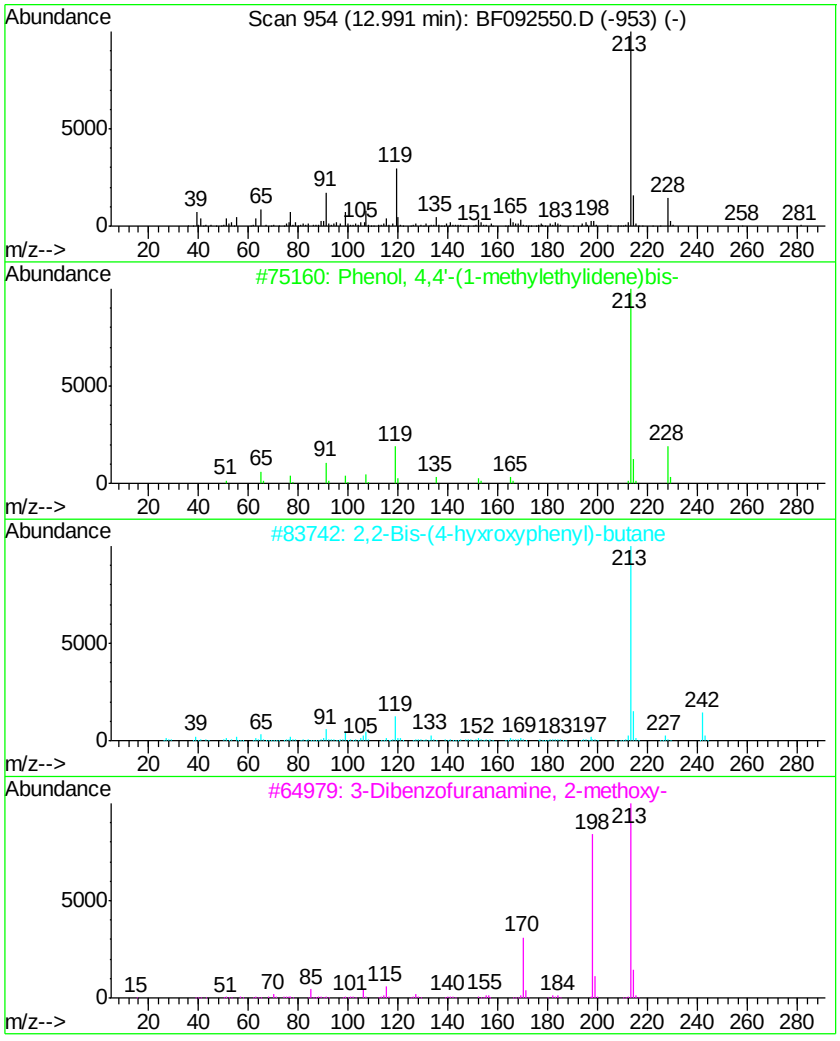
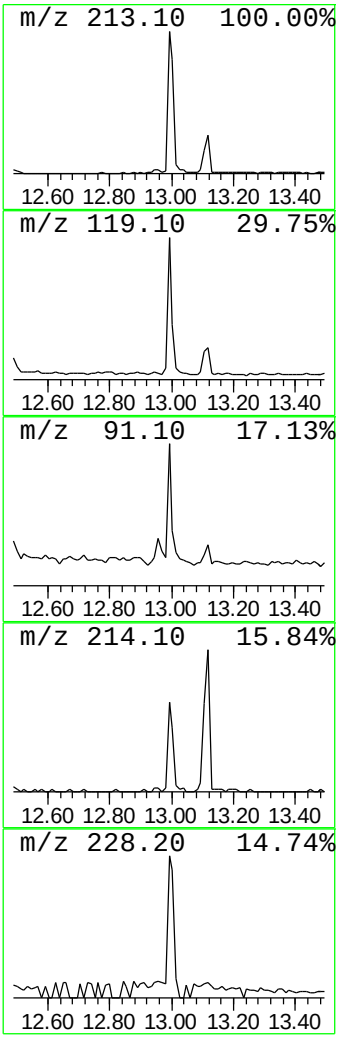
Peak Number 20 Phenol, 4,4'-(1-methylethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	8.90 ng	498683	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
2	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	64
3	3-Dibenzofuranamine, 2-methoxy-	213	C13H11NO2	005834-17-3	52
4	1,4-Puran, 5,6-dihydro-3-[3-indo...	213	C14H15NO	1000128-72-9	40
5	5-n-Butyl-2,4-diamino-6-[p-tolyl...	256	C15H20N4	274679-66-2	40





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.15	9.9	ng	544762	1	6.97	1104190	20.0
unknown6.74	6.74	73.3	ng	4047830	1	6.97	1104190	20.0
Naphthalene, 1,2,...	8.00	2.6	ng	187400	2	8.26	1463010	20.0
2H-Inden-2-one, o...	8.62	3.5	ng	254982	2	8.26	1463010	20.0
Benzene, pentamet...	8.82	3.9	ng	286508	2	8.26	1463010	20.0
unknown9.00	9.00	3.1	ng	223604	2	8.26	1463010	20.0
unknown9.12	9.12	2.6	ng	187998	2	8.26	1463010	20.0
unknown9.22	9.22	3.3	ng	245655	3	10.03	1501770	20.0
unknown9.25	9.25	2.4	ng	182658	3	10.03	1501770	20.0
1(2H)-Naphthaleno...	9.69	2.8	ng	212982	3	10.03	1501770	20.0
Diphenylmethane	9.72	2.5	ng	191588	3	10.03	1501770	20.0
Naphthalene, 1,6-...	9.81	6.5	ng	492068	3	10.03	1501770	20.0
Naphthalene, 2,6-...	9.88	2.8	ng	206212	3	10.03	1501770	20.0
unknown10.33	10.33	3.8	ng	288269	3	10.03	1501770	20.0
Benzenesulfonamid...	10.67	2.7	ng	200227	3	10.03	1501770	20.0
unknown10.92	10.92	2.5	ng	175202	4	11.52	1426050	20.0
n-Hexadecanoic acid	12.05	2.5	ng	174875	4	11.52	1426050	20.0
Phenol, 4,4'-(1-m...	12.99	8.9	ng	498683	5	14.16	1120230	20.0