LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087393.D
Acq On : 26 May 2016 3:37
Operator : UM/SJ
Sample : H3212-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-4

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-BF052316.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	1.644	4	5	34	rVB	2509337	4412830	100.00%	11.230%
2	4.787	278	280	293	rBV	41958	117700	2.67%	0.300%
3	5.439	335	337	358	rBV	1211476	2083603	47.22%	5.302%
4	7.096	480	482	487	rBV	666777	1301692	29.50%	3.313%
5	7.187	487	490	497	rVB	2463750	3552452	80.50%	9.040%
6	7.519	517	519	523	rBV	644103	784346	17.77%	1.996%
7	7.759	537	540	543	rBV	2406930	3048052	69.07%	7.757%
8	8.113	565	571	575	rBV2	28093	65178	1.48%	0.166%
9	8.445	596	600	602	rBV	1842008	2744219	62.19%	6.984%
10	8.776	627	629	631	rBV	33765	45212	1.02%	0.115%
11	8.959	643	645	649	rBV3	41566	73580	1.67%	0.187%
12	9.210	664	667	669	rBV3	20761	44386	1.01%	0.113%
13	9.325	673	677	679	rBV4	23670	65764	1.49%	0.167%
14	9.405	682	684	687	rBV3	27632	51733	1.17%	0.132%
15	9.553	692	697	700	rBV	756830	1067634	24.19%	2.717%
16	9.633	702	704	708	rVB5	44938	101990	2.31%	0.260%
17	9.713	708	711	712	rBV2	27375	52165	1.18%	0.133%
18	9.759	712	715	717	rVB3	41409	70481	1.60%	0.179%
19	9.828	717	721	724	rVB3	43722	87227	1.98%	0.222%
20	9.908	724	728	730	rBV3	87678	196941	4.46%	0.501%
21	9.953	730	732	734	rBV3	27791	51296	1.16%	0.131%
22	10.033	734	739	741	rVB5	41242	104789	2.37%	0.267%
23	10.079	741	743	748	rVB3	49669	125004	2.83%	0.318%
24	10.171	748	751	754	rBV4	95100	214619	4.86%	0.546%
25	10.296	758	762	764	rBV4	88013	232424	5.27%	0.591%
26	10.411	770	772	774	rVB4	39562	50478	1.14%	0.128%
27	10.456	774	776	777	rBV	69701	97235	2.20%	0.247%
28	10.559	783	785	786	rBV	54970	92850	2.10%	0.236%
29	10.593	786	788	790	rVV2	59487	113910	2.58%	0.290%
30	10.639	790	792	794	rVV2	67366	119792	2.71%	0.305%
31	10.799	804	806	808	rBV2	46430	60262	1.37%	0.153%
32	11.005	822	824	826	rBV3	69218	126129	2.86%	0.321%
33	11.119	830	834	835	rBV3	113747	320738	7.27%	0.816%
34	11.268	845	847	849	rBV2	115043	185934	4.21%	0.473%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087393.D
Acq On : 26 May 2016 3:37
Operator : UM/SJ
Sample : H3212-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-4

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-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.336	849	853	856	rVV	2884112	3991043	90.44%	10.157%
36	11.416	857	860	862	rBV2	282659	399701	9.06%	1.017%
37	11.474	862	865	866	rBV2	85762	131634	2.98%	0.335%
38	11.851	896	898	900	rBV2	120435	149394	3.39%	0.380%
39	11.908	900	903	905	rVB	662955	878826	19.92%	2.236%
40	12.068	916	917	919	rVB2	170075	158762	3.60%	0.404%
41	12.159	923	925	929	rBV3	278292	453642	10.28%	1.154%
42	12.239	929	932	935	rVB	734007	1127433	25.55%	2.869%
43	12.342	939	941	942	rBV	267715	347078	7.87%	0.883%
44	12.388	942	945	948	rVV	555821	803209	18.20%	2.044%
45	12.925	990	992	995	rBV	390870	568207	12.88%	1.446%
46	13.039	1000	1002	1004	rBV	315298	371871	8.43%	0.946%
47	13.371	1029	1031	1034	rVB	341041	495180	11.22%	1.260%
48	13.691	1056	1059	1063	rBV2	1482300	2141041	48.52%	5.449%
49	14.022	1086	1088	1090	rVB2	243935	343320	7.78%	0.874%
50	14.788	1153	1155	1157	rVB	615204	840668	19.05%	2.139%
51	17.006	1347	1349	1352	rVB	165807	216764	4.91%	0.552%
52	17.143	1358	1361	1364	rVB	2241863	2512791	56.94%	6.395%
53	18.480	1476	1478	1481	rBV	594790	642506	14.56%	1.635%
54	20.149	1622	1624	1630	rVB	370921	543558	12.32%	1.383%
55	21.040	1700	1702	1707	rVB	170716	315597	7.15%	0.803%

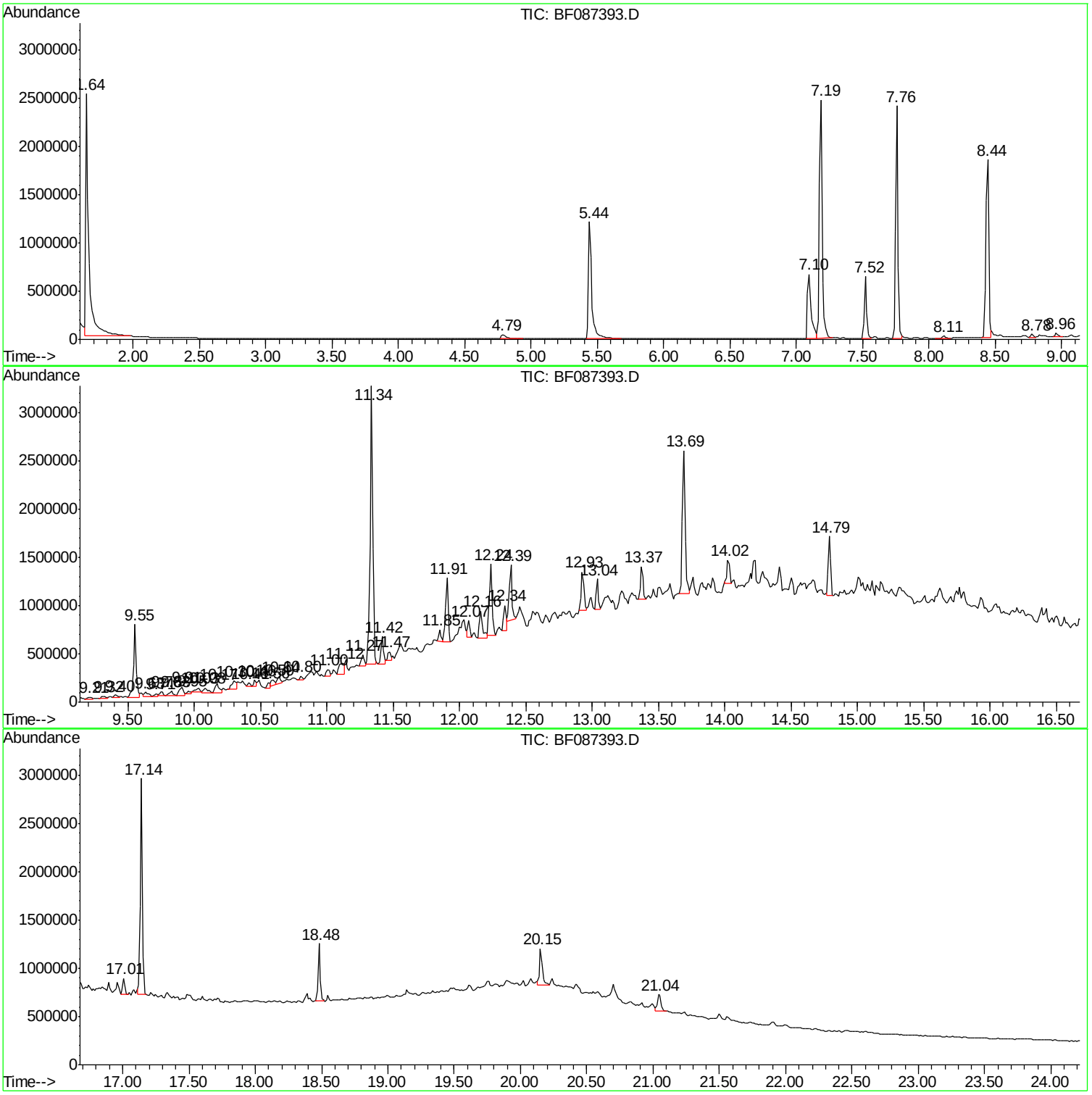
Sum of corrected areas: 39294870

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087393.D
Acq On : 26 May 2016 3:37
Operator : UM/SJ
Sample : H3212-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VE1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087393.D
Acq On : 26 May 2016 3:37
Operator : UM/SJ
Sample : H3212-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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TIC Library : C:\DATABASE\NIST11.L
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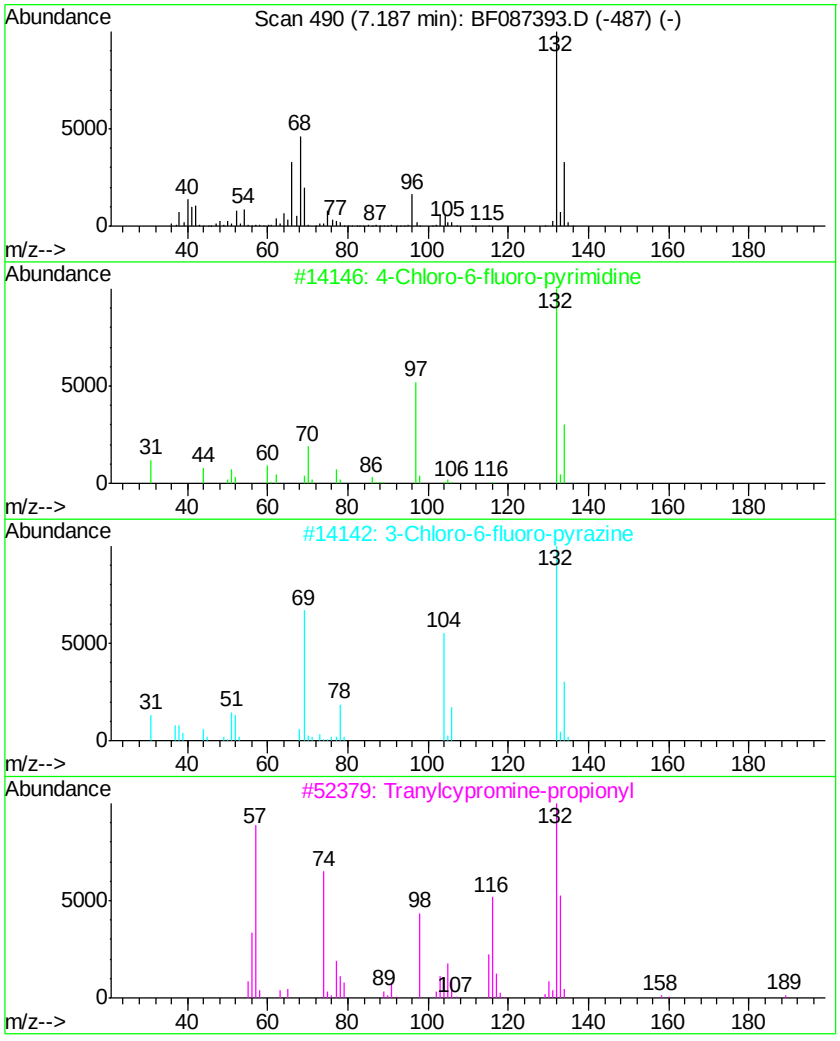
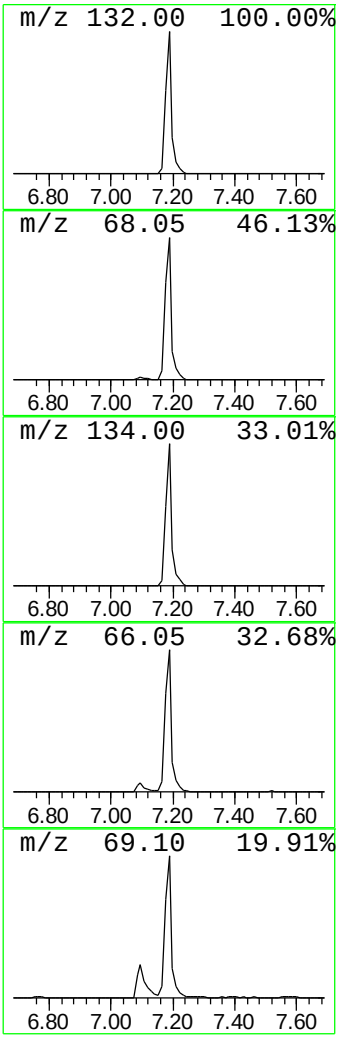
****

Peak Number 2 unknown7.19 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	90.58 ng	3552450	1,4-Dichlorobenzene-d4	7.52

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087393.D
Acq On : 26 May 2016 3:37
Operator : UM/SJ
Sample : H3212-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

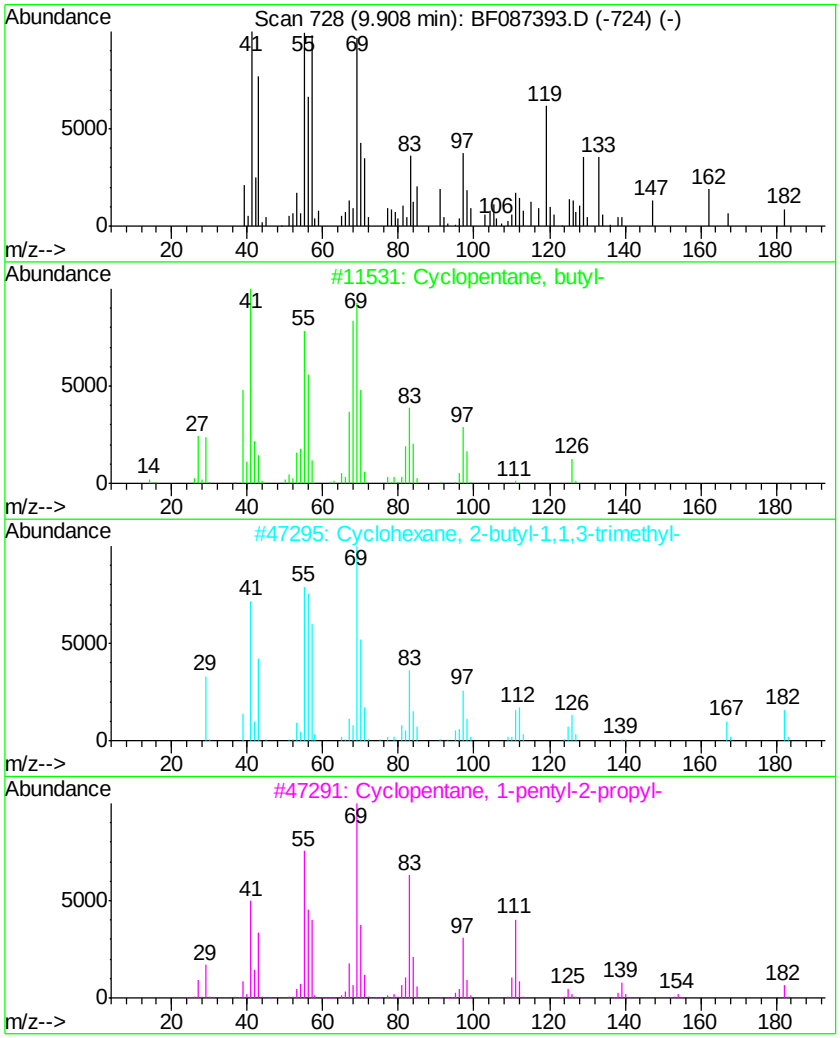
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

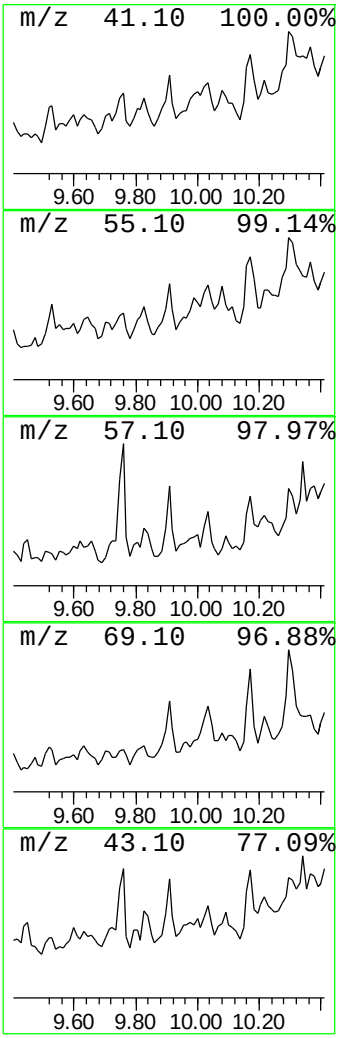
****

Peak Number 4 Cyclopentane, butyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	3.69 ng	196941	Naphthalene-d8	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, butyl-	126	C9H18	002040-95-1	60
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	55
3	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	53
4	3-Heptafluorobutyroxytridecane	396	C17H27F7O2	1000245-49-5	52
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087393.D
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Operator : UM/SJ
Sample : H3212-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

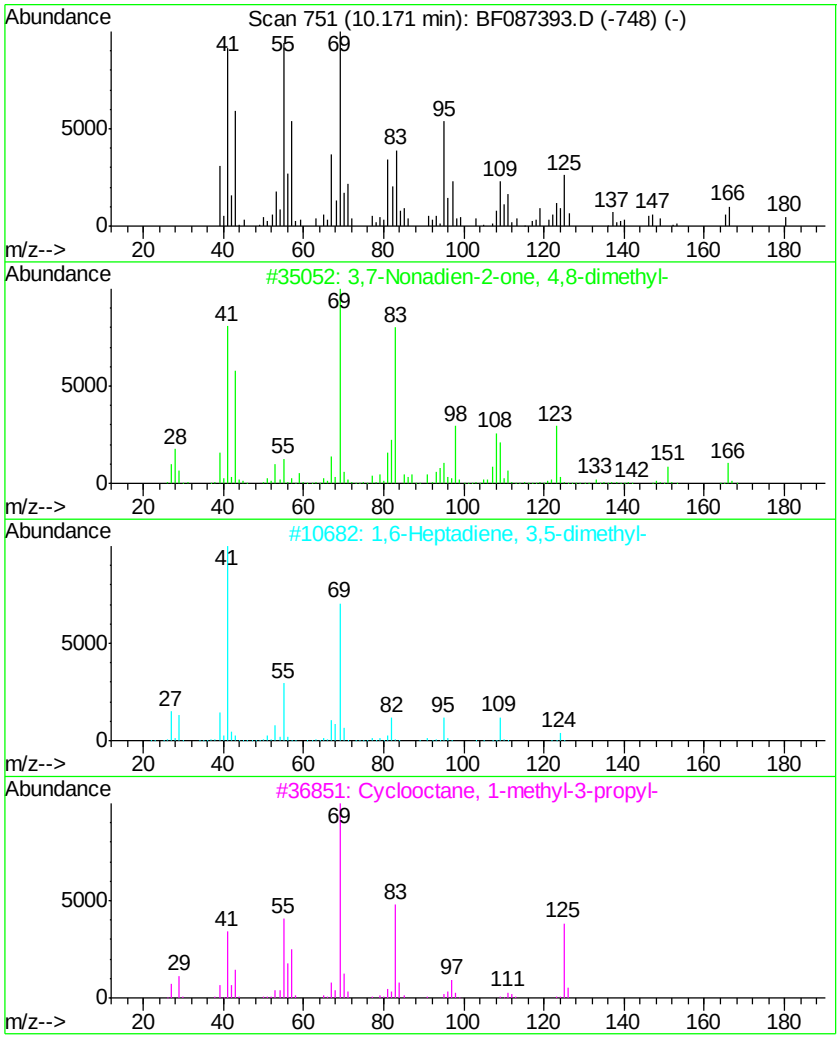
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

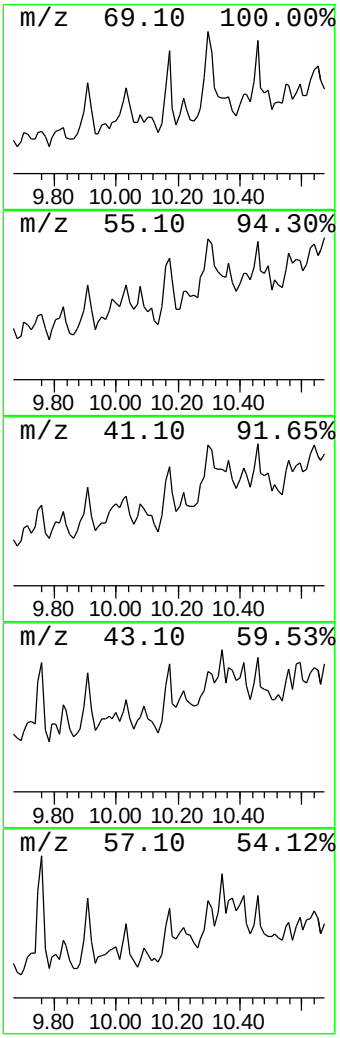
****

Peak Number 5 unknown10.17 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	4.02 ng	214619	Naphthalene-d8	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7-Nonadien-2-one, 4,8-dimethyl-	166	C11H18O	000817-88-9	46
2	1,6-Heptadiene, 3,5-dimethyl-	124	C9H16	068701-99-5	38
3	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	35
4	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	22
5	2,5-Octadiene, 3,4,5,6-tetramethyl-	166	C12H22	247797-85-9	18





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

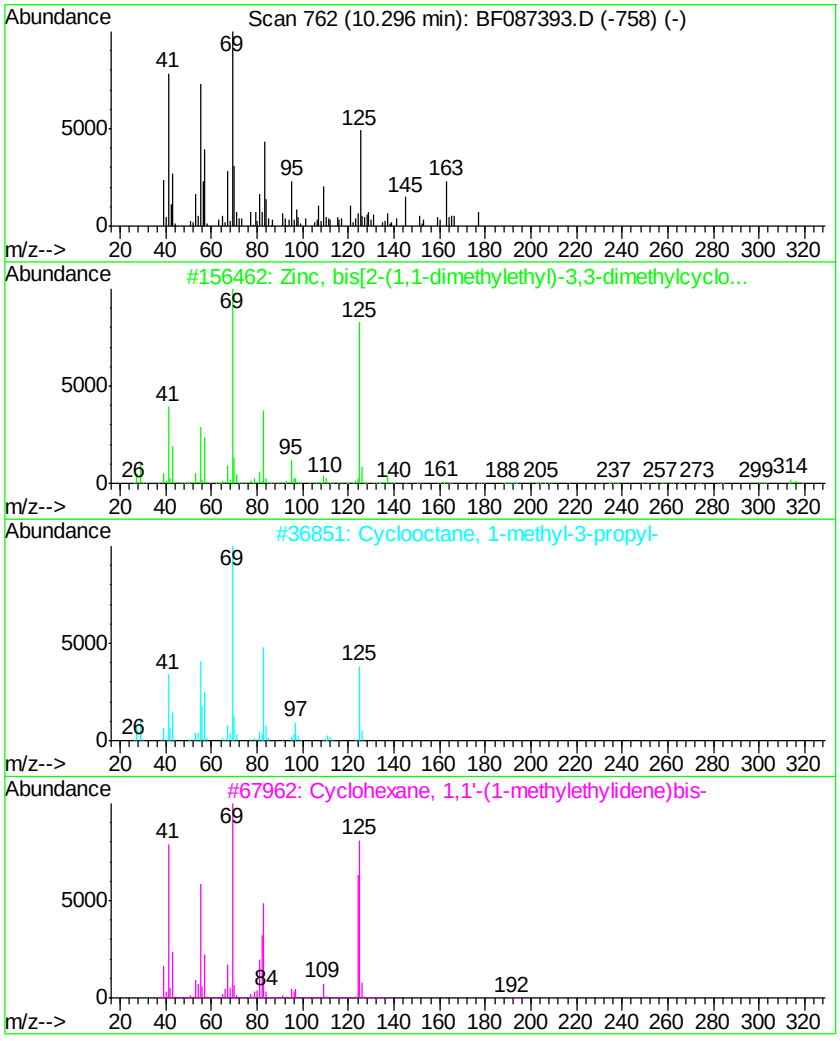
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

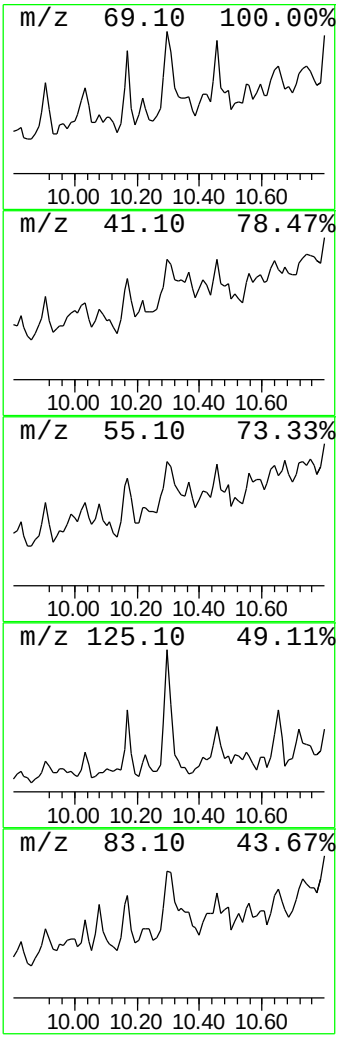
****

Peak Number 6 Zinc, bis[2-(1,1-dimethylet... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	4.35 ng	232424	Naphthalene-d8	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	50
2	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	50
3	Cyclohexane, 1,1'-(1-methylethyl...	208	C15H28	054934-90-6	43
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38
5	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087393.D
Acq On : 26 May 2016 3:37
Operator : UM/SJ
Sample : H3212-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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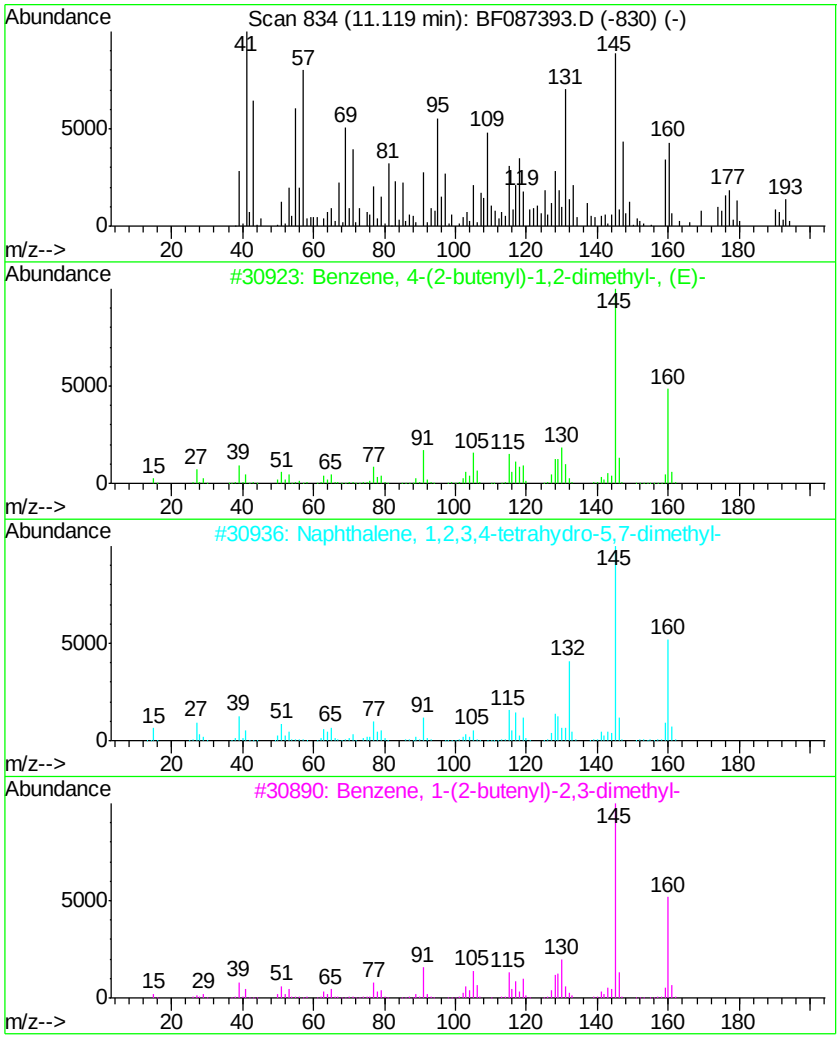
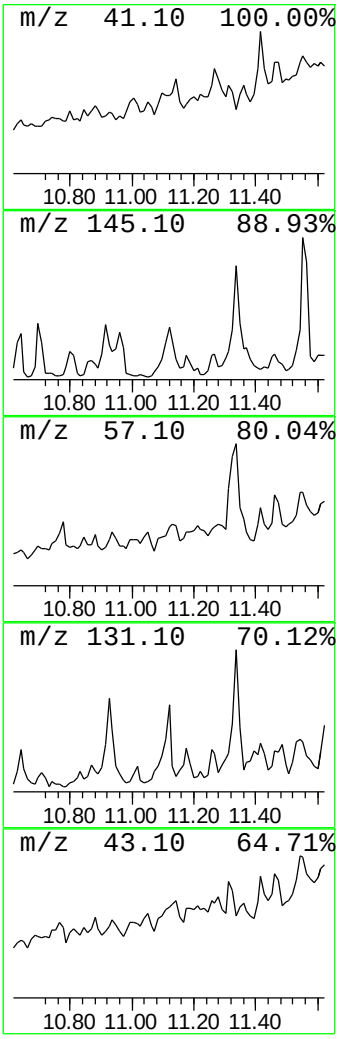
Peak Number 7 unknown11.12 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	7.99 ng	320738	Acenaphthene-d10	12.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	42
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	38
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	38
4	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	30
5	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	30





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Instrument : BNA_F
ClientSampleId : VE1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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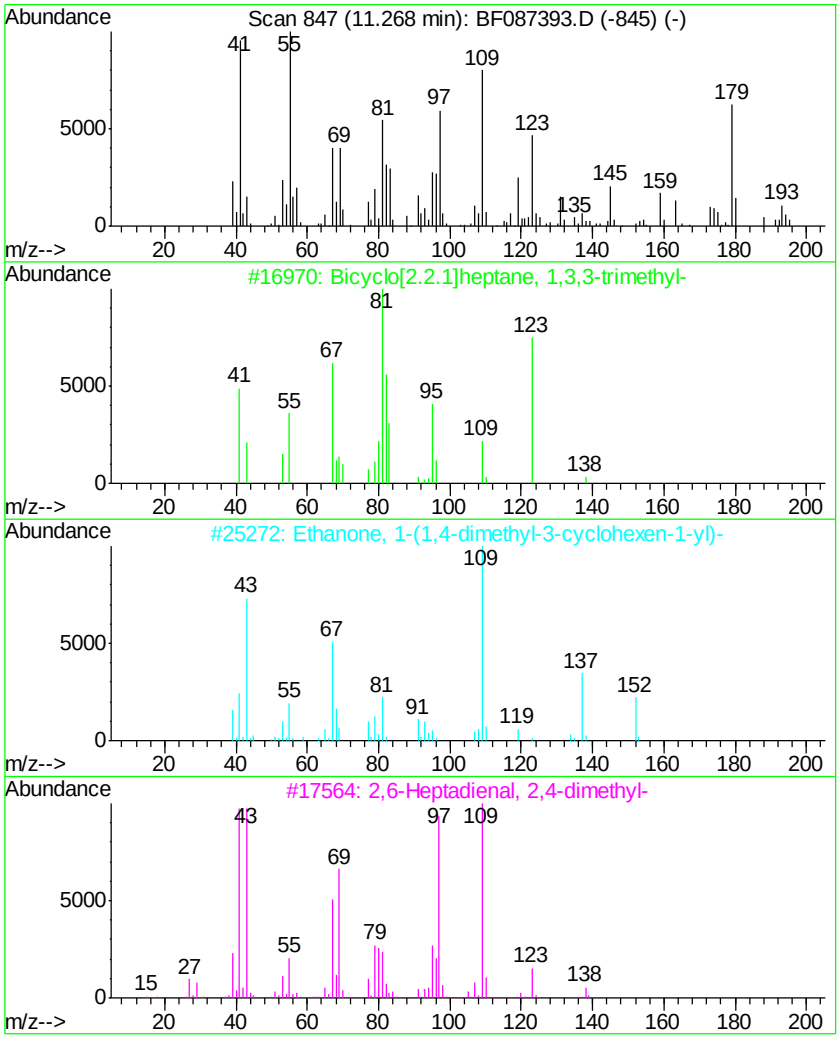
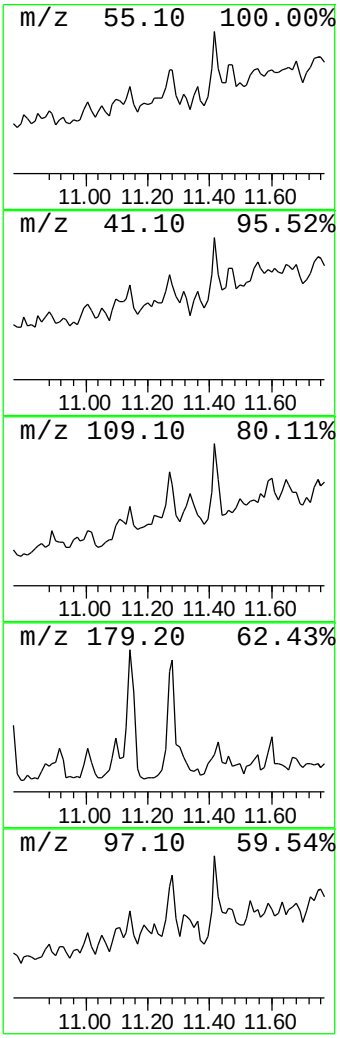
Peak Number 8 unknown11.27 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	4.63 ng	185934	Acenaphthene-d10	12.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	38
2	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	27
3	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	25
4	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	25
5	Butanamide, N-(4-hydroxyphenyl)-	179	C10H13NO2	000101-91-7	22





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Instrument : BNA_F
ClientSampleId : VE1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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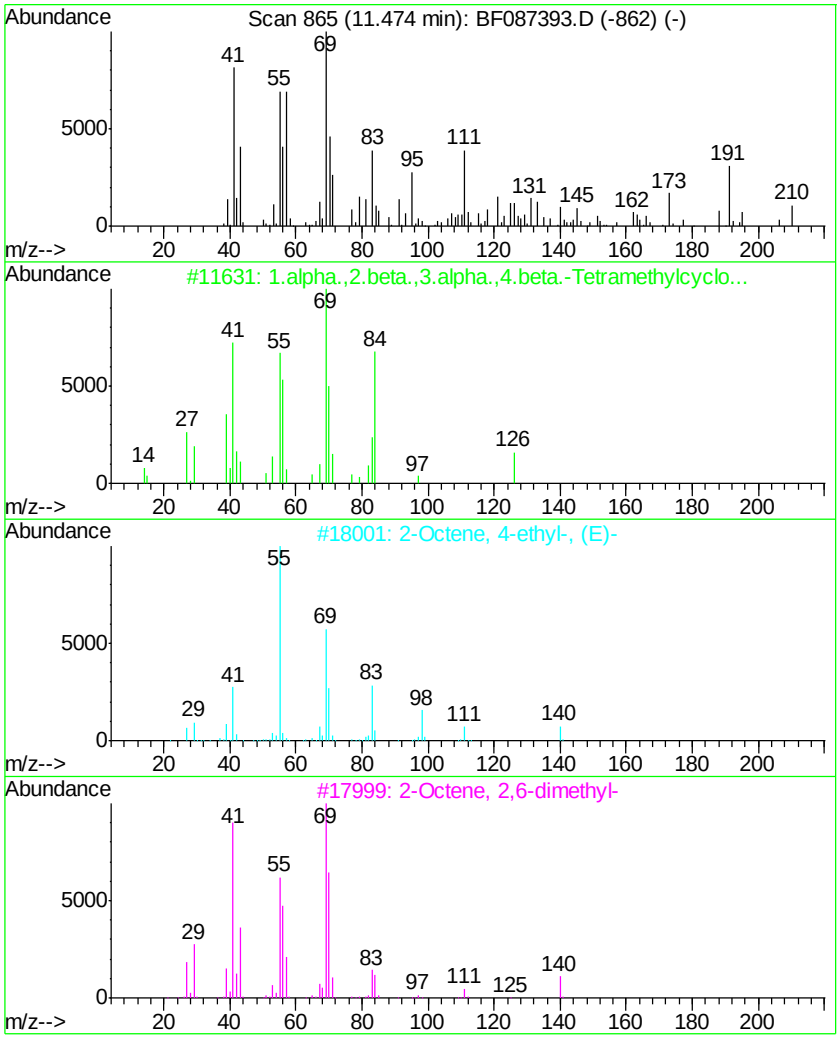
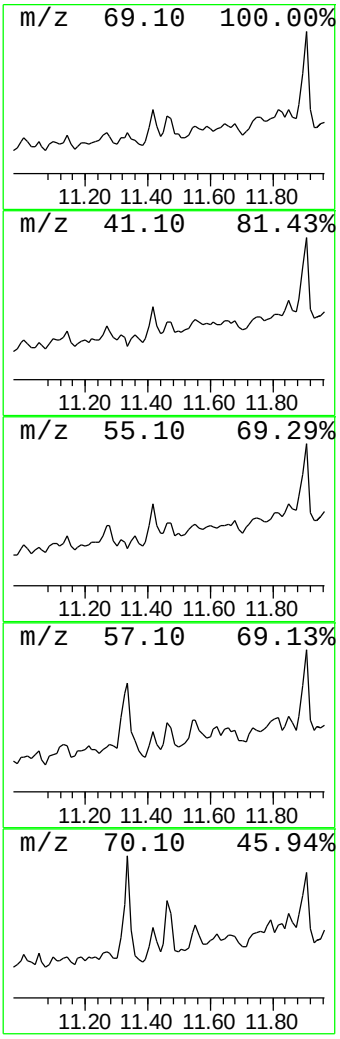
Peak Number 10 unknown11.47 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	3.28 ng	131634	Acenaphthene-d10	12.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	49
2	2-Octene, 4-ethyl-, (E)-	140	C10H20	074630-09-4	46
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	46
4	2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	38
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087393.D
Acq On : 26 May 2016 3:37
Operator : UM/SJ
Sample : H3212-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

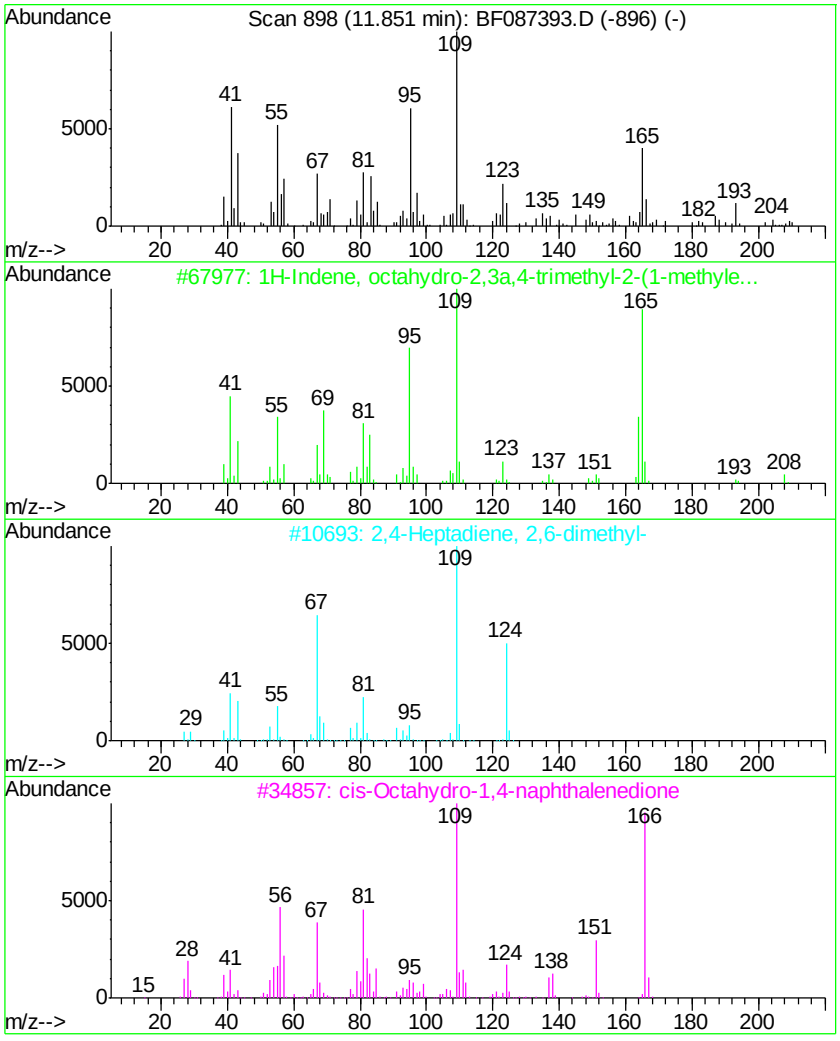
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

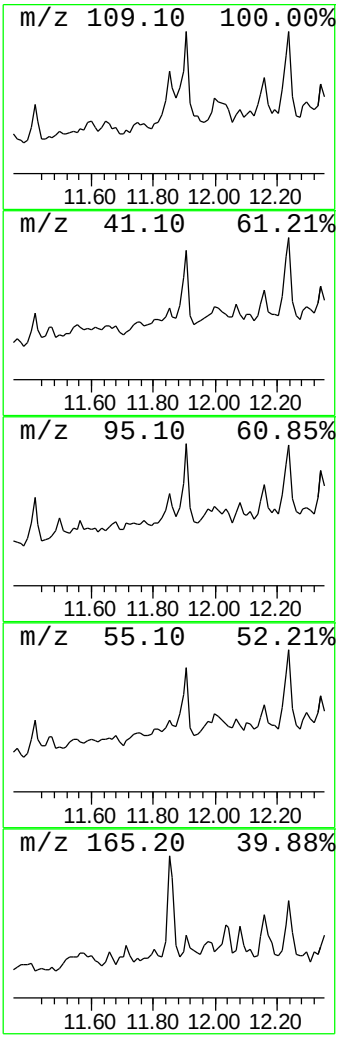
****

Peak Number 11 1H-Indene, octahydro-2,3a,4... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	3.72 ng	149394	Acenaphthene-d10	12.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,3a,4-trim...	208	C15H28	031230-13-4	59
2	2,4-Heptadiene, 2,6-dimethyl-	124	C9H16	004634-87-1	46
3	cis-Octahydro-1,4-naphthalenedione	166	C10H14O2	002717-36-4	43
4	1,3-Bis(bromomethyl)cyclohexane	268	C8H14Br2	1000216-89-9	43
5	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	033422-32-1	38





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Data File : BF087393.D
Acq On : 26 May 2016 3:37
Operator : UM/SJ
Sample : H3212-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

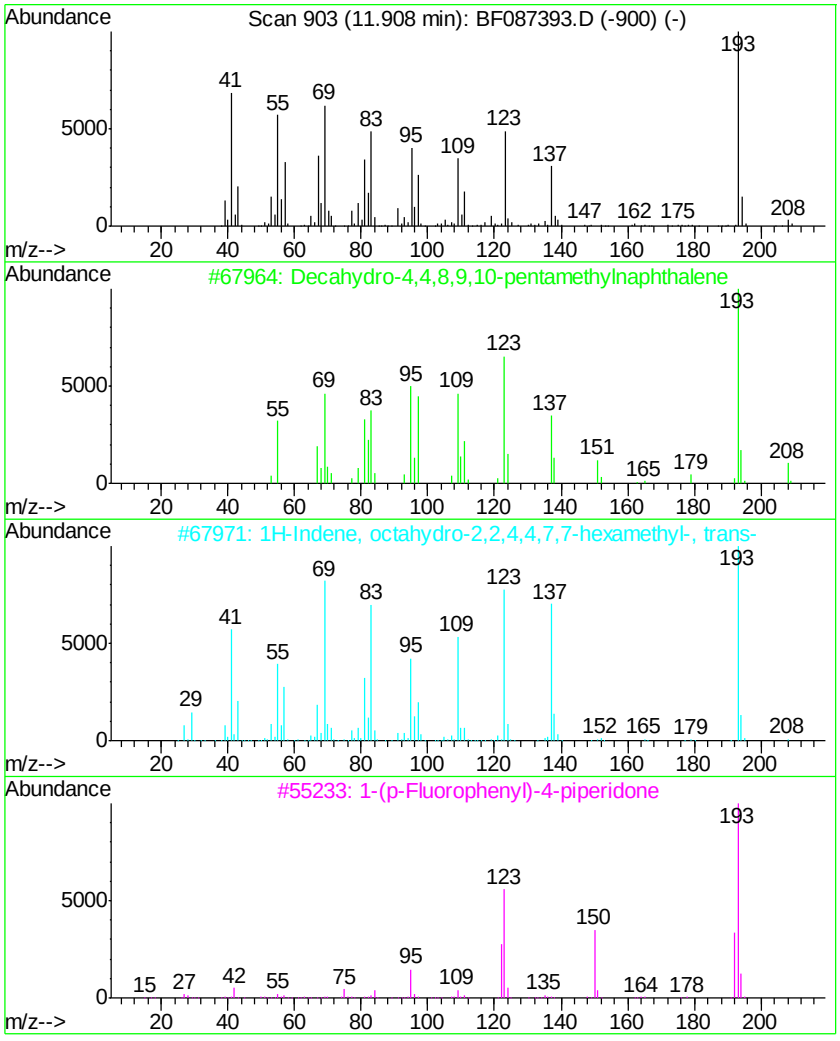
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

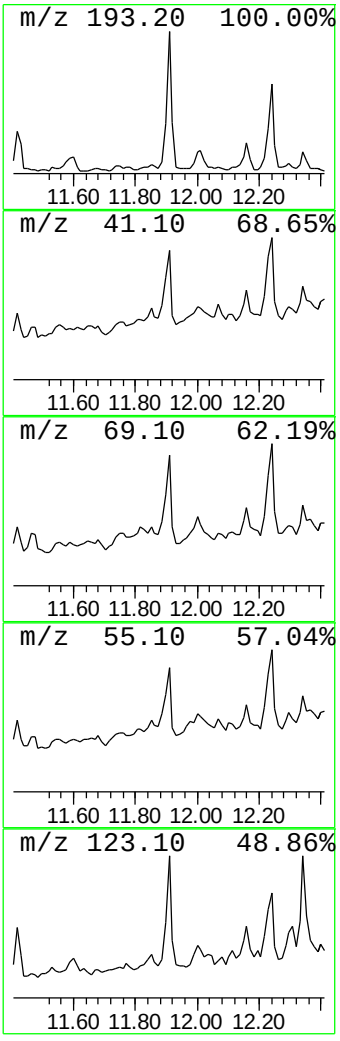
****

Peak Number 12 Decahydro-4,4,8,9,10-pentam... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	21.88 ng	878826	Acenaphthene-d10	12.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	56
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	50
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
4	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	27
5	2-Anthracenamine	193	C14H11N	000613-13-8	27





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Acq On : 26 May 2016 3:37
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Sample : H3212-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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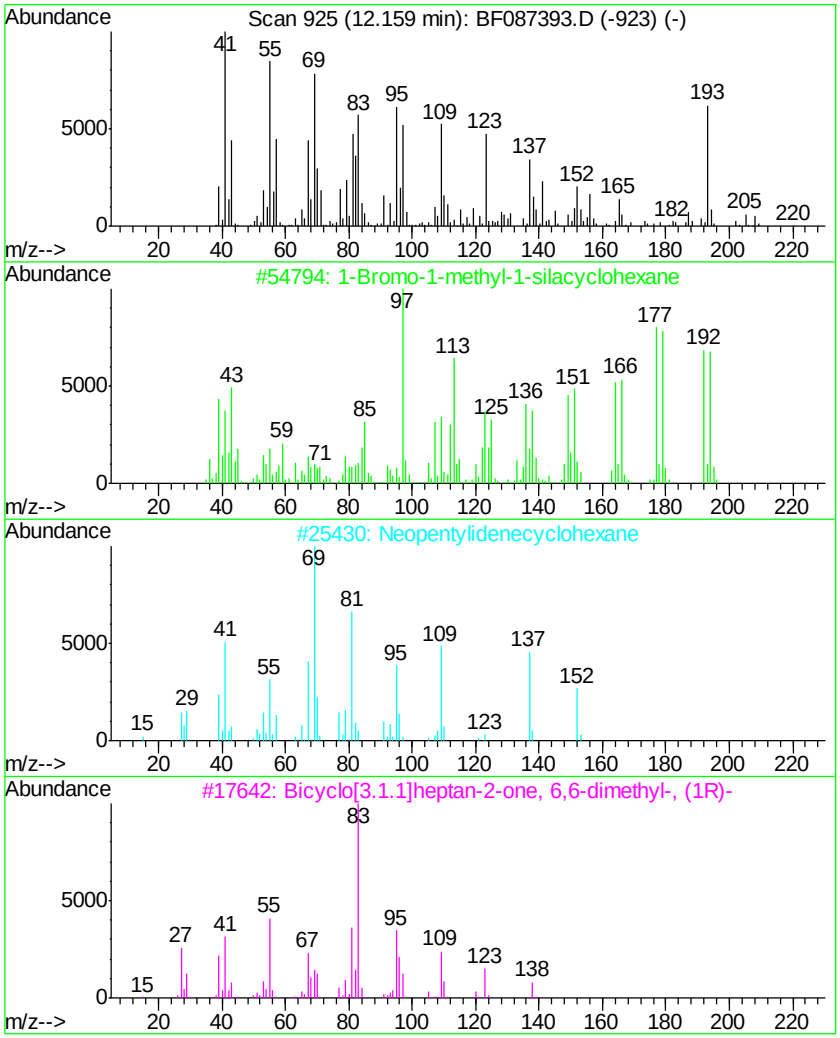
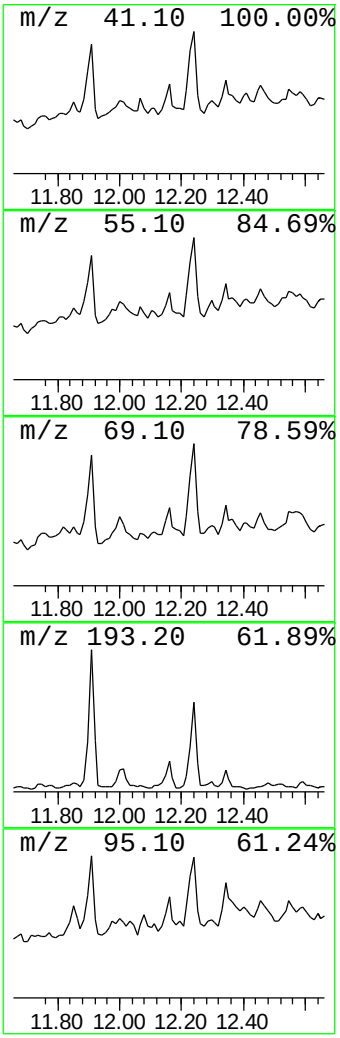
Peak Number 13 1-Bromo-1-methyl-1-silacycl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	11.30 ng	453642	Acenaphthene-d10	12.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromo-1-methyl-1-silacyclohexane	192	C6H13BrSi	085125-32-2	53
2	Neopentylidenecyclohexane	152	C11H20	039546-80-0	38
3	Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	038651-65-9	38
4	Naphthalene, 2-(1,1-dimethylethy...	208	C15H28	054934-96-2	35
5	Bicyclo[3.1.1]heptan-3-one, 2-et...	166	C11H18O	1000163-95-8	22





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Acq On : 26 May 2016 3:37
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Sample : H3212-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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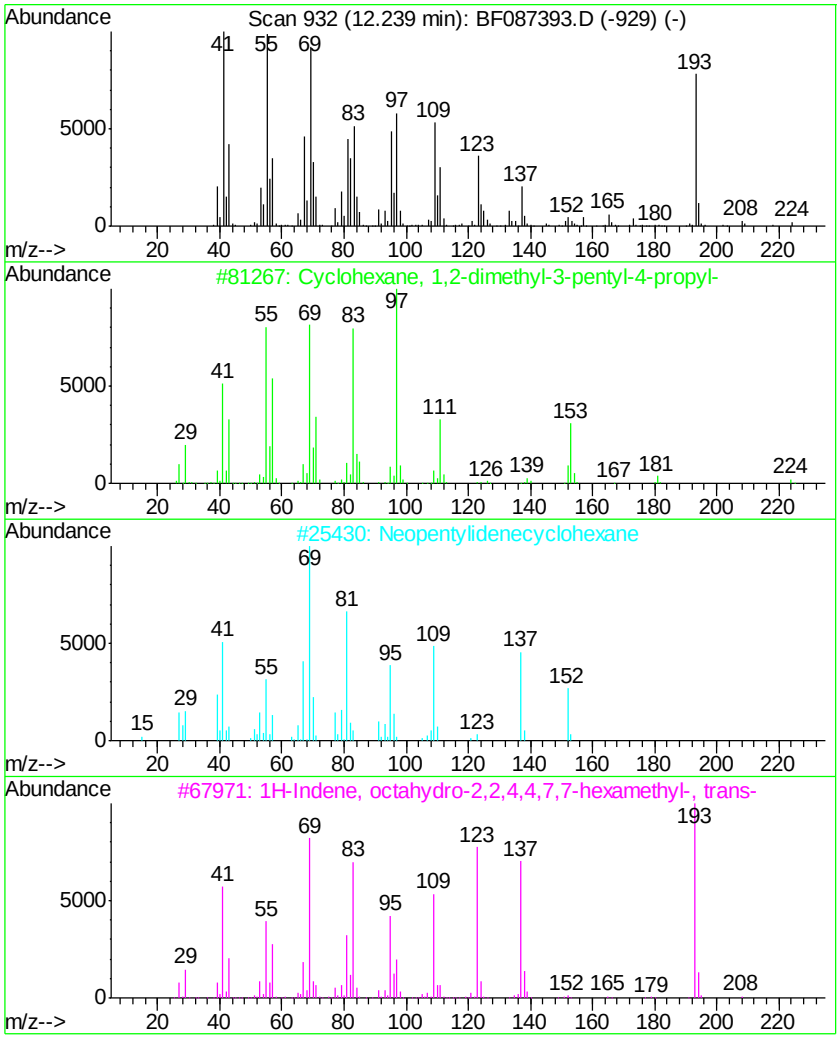
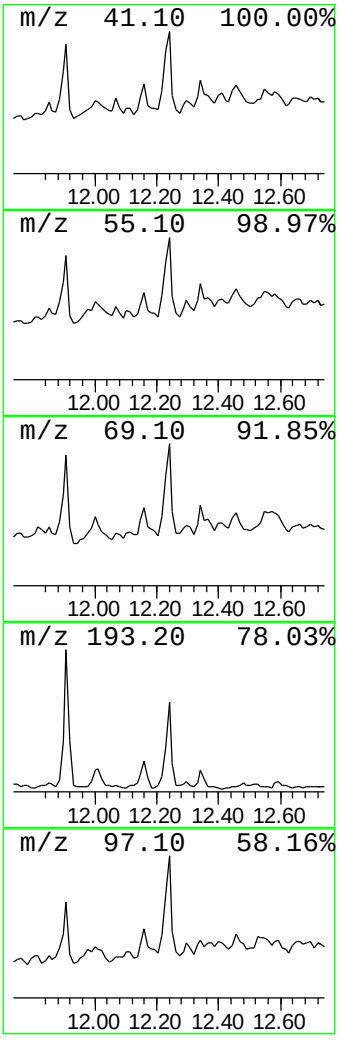
Peak Number 14 unknown12.24 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	28.07 ng	1127430	Acenaphthene-d10	12.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	46
2	Neopentylidenecyclohexane	152	C11H20	039546-80-0	38
3	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	35
4	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	27
5	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	22





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Operator : UM/SJ
Sample : H3212-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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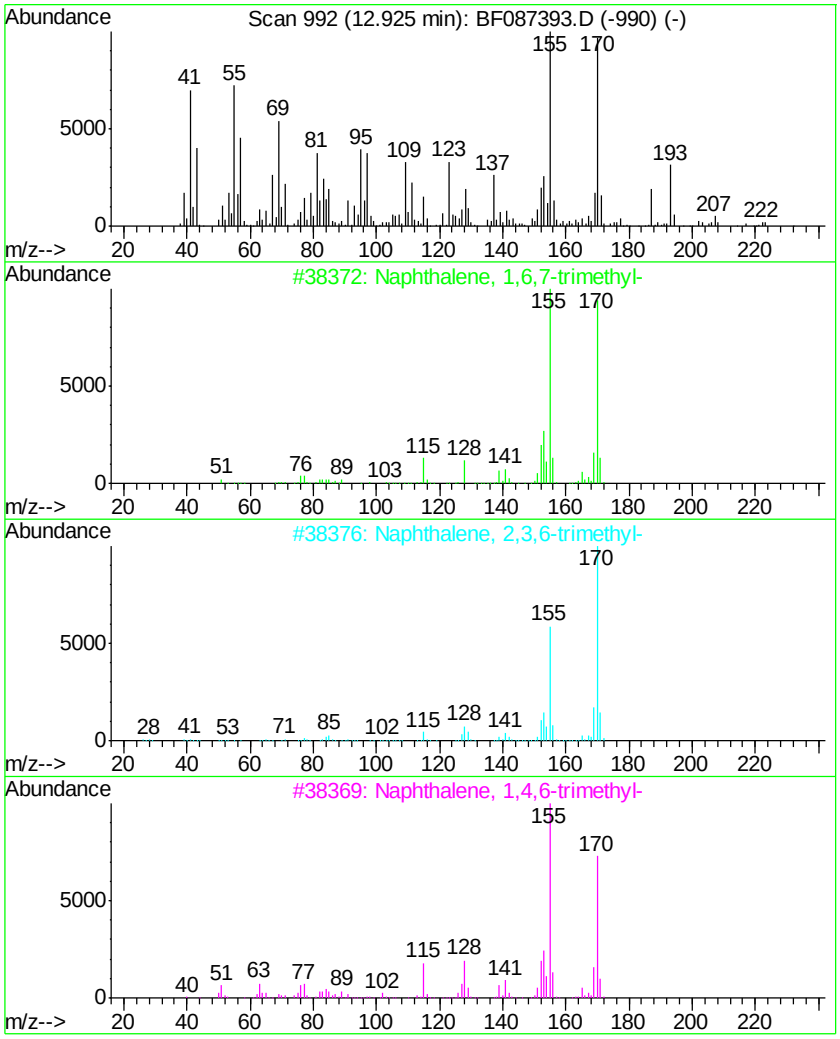
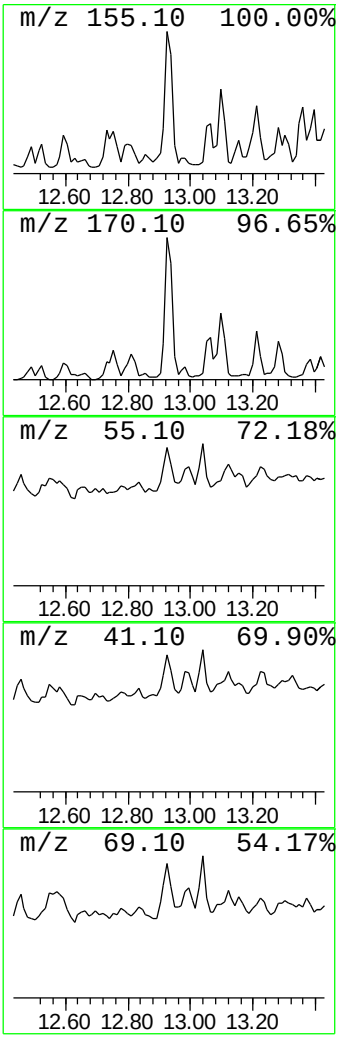
Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	14.15 ng	568207	Acenaphthene-d10	12.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
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Acq On : 26 May 2016 3:37
Operator : UM/SJ
Sample : H3212-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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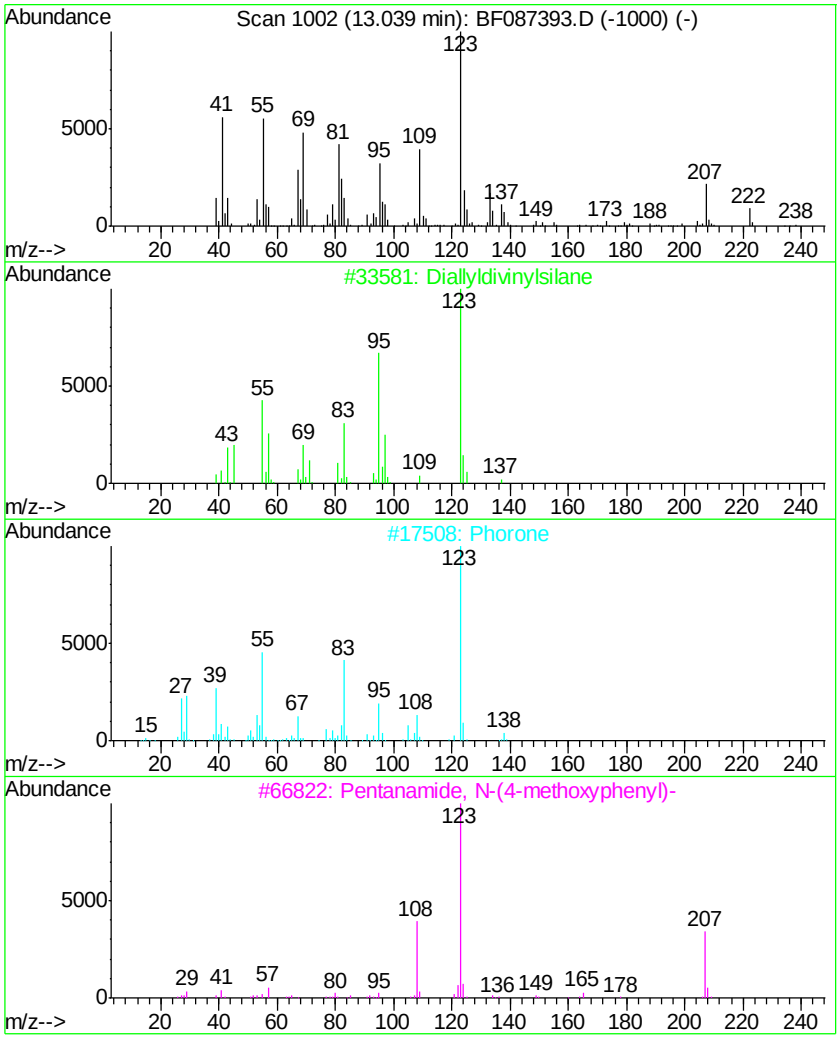
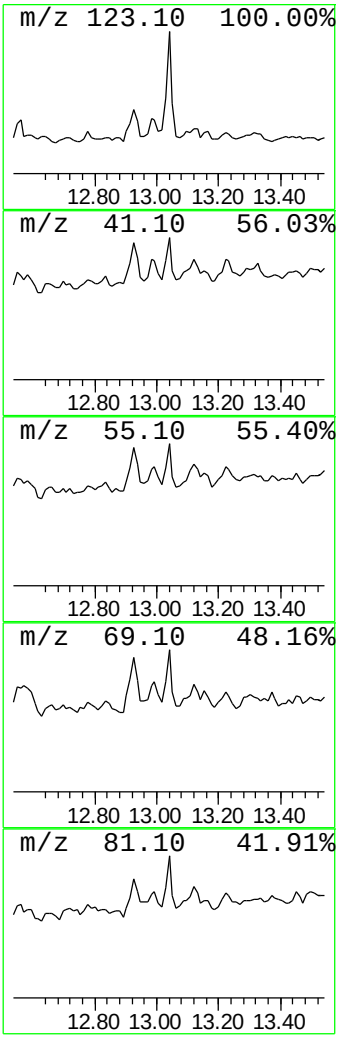
Peak Number 16 unknown13.04 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	9.26 ng	371871	Acenaphthene-d10	12.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diallyldivinylsilane	164	C10H16Si	119901-88-1	47
2	Phorone	138	C9H14O	000504-20-1	46
3	Pentanamide, N-(4-methoxyphenyl)-	207	C12H17NO2	1000306-89-3	43
4	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	43
5	1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
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Acq On : 26 May 2016 3:37
Operator : UM/SJ
Sample : H3212-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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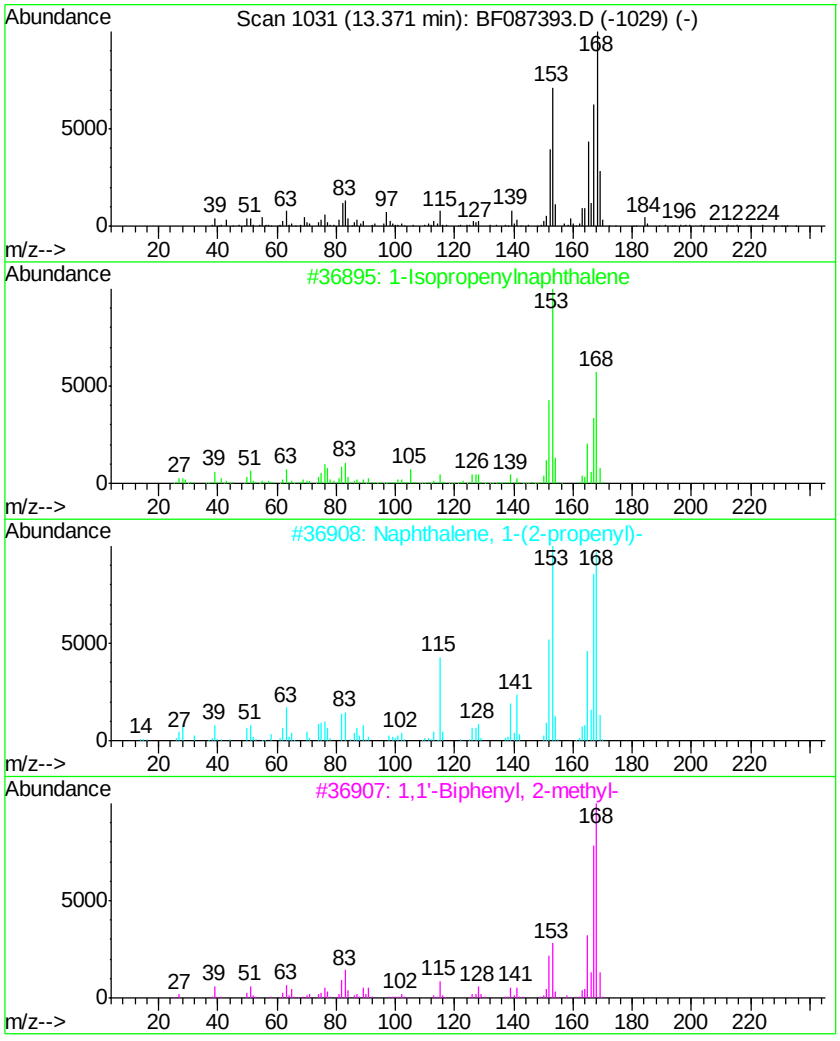
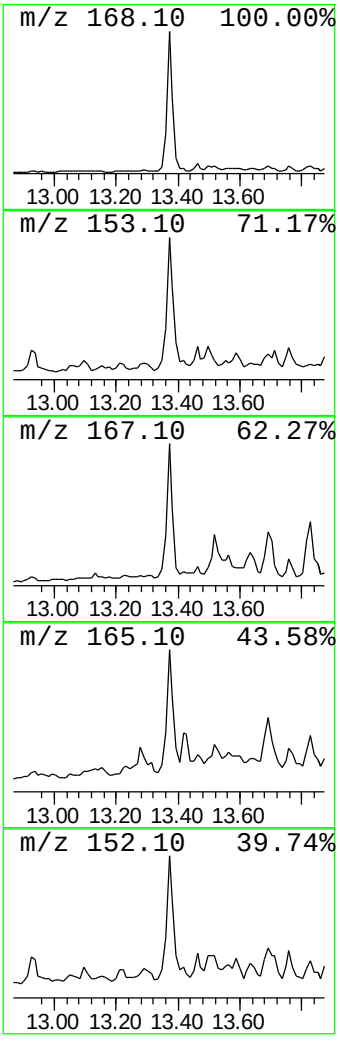
Peak Number 17 1-Isopropenylnaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	12.33 ng	495180	Acenaphthene-d10	12.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	74
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	70
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	59
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	49
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	49





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Acq On : 26 May 2016 3:37
Operator : UM/SJ
Sample : H3212-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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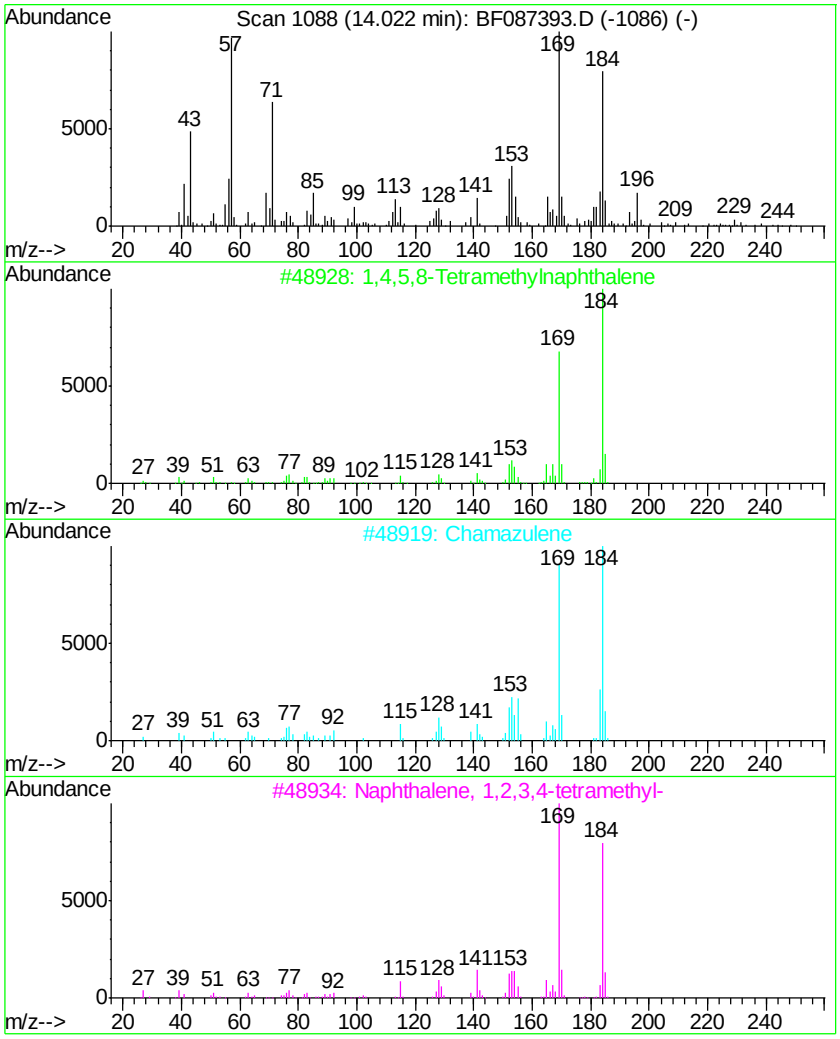
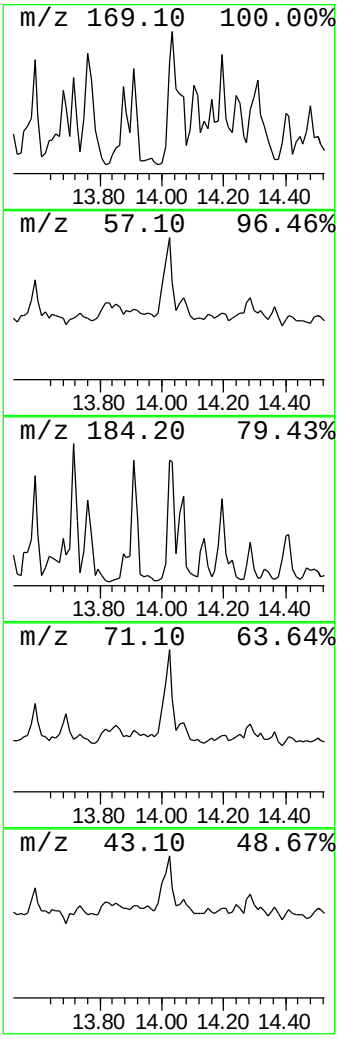
Peak Number 18 1,4,5,8-Tetramethylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	8.17 ng	343320	Phenanthrene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	89
2	Chamazulene	184	C14H16	000529-05-5	89
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	70
4	3,4,4-Trimethyl-5-methylene-2-et...	184	C9H16N2S	037120-36-8	60
5	6'-Methyl-2'-acetonaphthone	184	C13H12O	024875-94-3	60





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE1-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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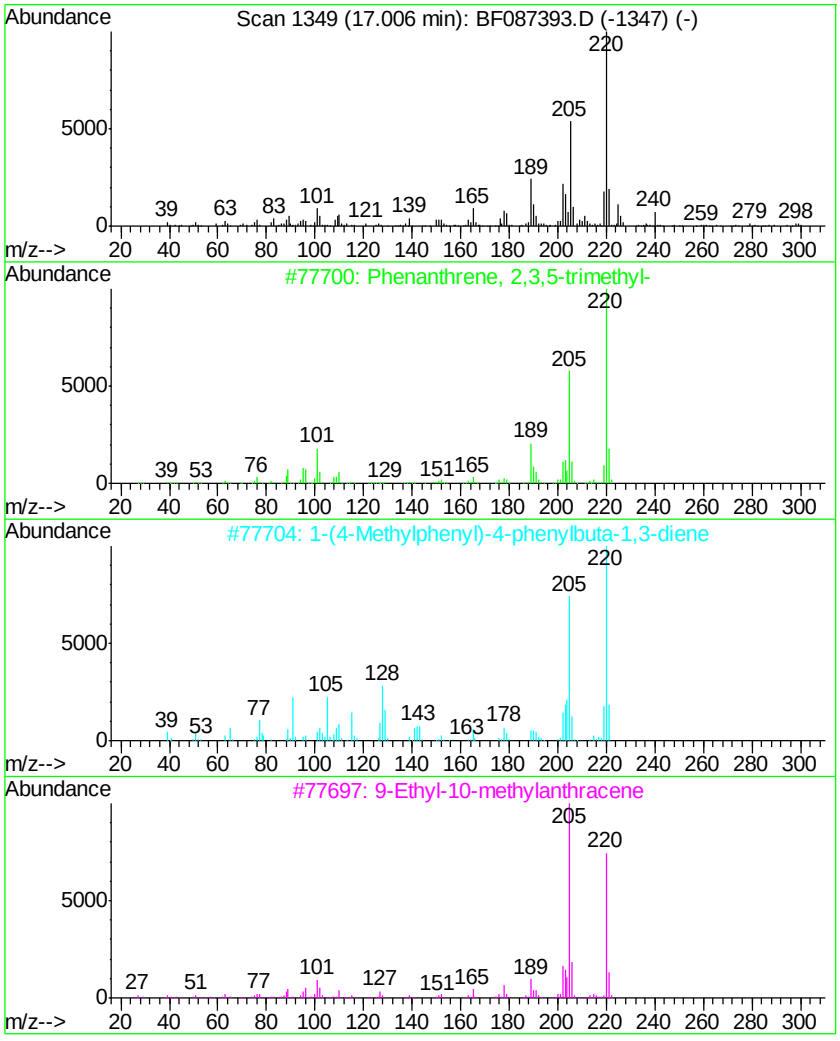
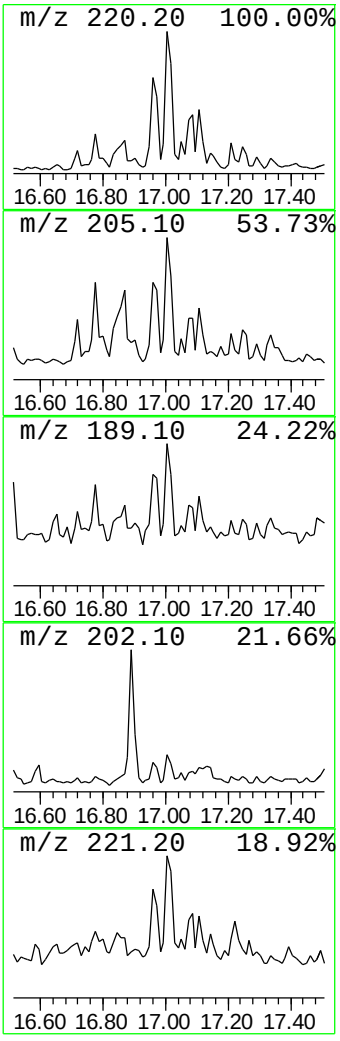
Peak Number 19 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	6.75 ng	216764	Chrysene-d12	18.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	90
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	72
3	9-Ethyl-10-methylanthracene	220	C17H16	019713-49-6	60
4	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	52
5	Coumarin-6-ol, 3,4-dihydro-4,4,5...	220	C13H16O3	050442-68-7	50





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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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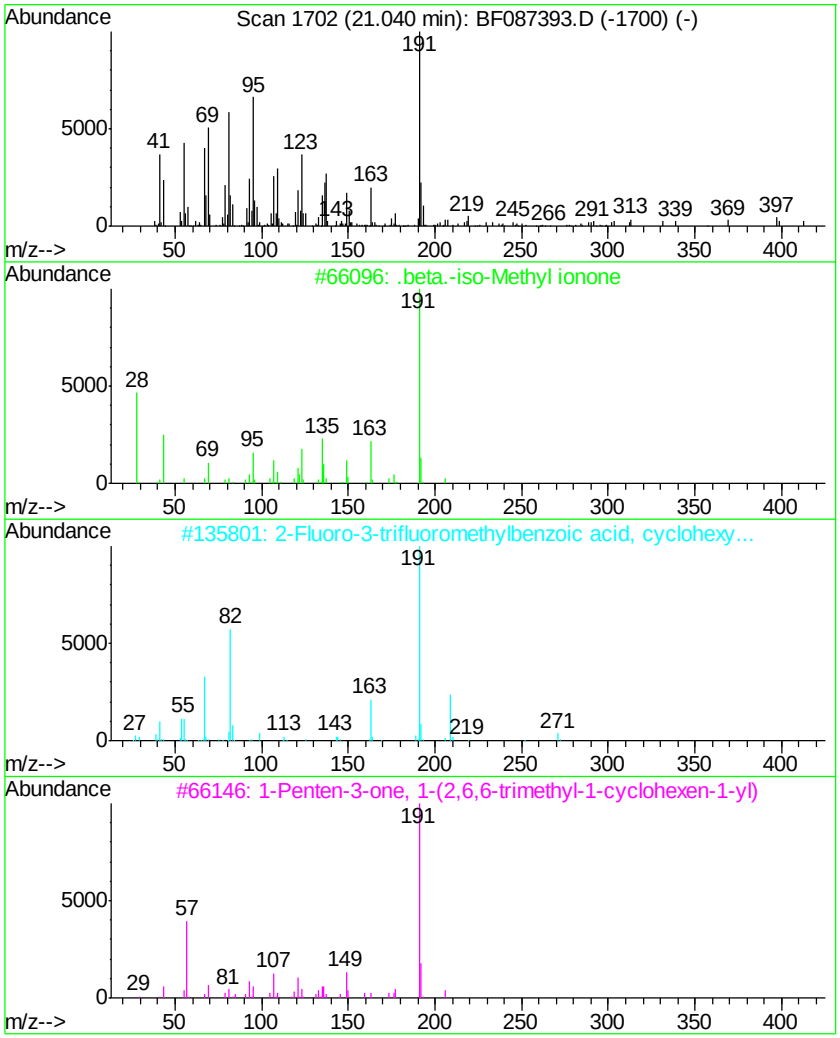
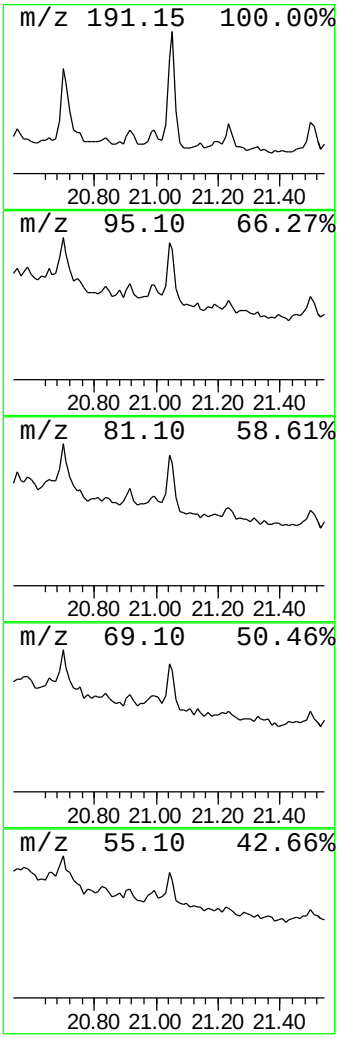
Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	11.61 ng	315597	Perylene-d12	20.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	70
2	2-Fluoro-3-trifluoromethylbenzoi...	290	C14H14F4O2	1000357-64-2	35
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	27
4	3-Fluoro-4-trifluoromethylbenzoi...	420	C14H4Cl4F4O2	1000360-60-1	27
5	2-Fluoro-3-trifluoromethylbenzoi...	420	C14H4Cl4F4O2	1000357-27-0	27





Tentatively Identified Compound (LSC) summary

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Data File : BF087393.D
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ClientSampleId : VE1-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.19	7.19	90.6	ng	3552450	1	7.52	784346	20.0
Cyclopentane, butyl-	9.91	3.7	ng	196941	2	9.55	1067630	20.0
unknown10.17	10.17	4.0	ng	214619	2	9.55	1067630	20.0
Zinc, bis[2-(1,1-...	10.30	4.3	ng	232424	2	9.55	1067630	20.0
unknown11.12	11.12	8.0	ng	320738	3	12.39	803209	20.0
unknown11.27	11.27	4.6	ng	185934	3	12.39	803209	20.0
unknown11.47	11.47	3.3	ng	131634	3	12.39	803209	20.0
1H-Indene, octahy...	11.85	3.7	ng	149394	3	12.39	803209	20.0
Decahydro-4,4,8,9...	11.91	21.9	ng	878826	3	12.39	803209	20.0
1-Bromo-1-methyl-...	12.16	11.3	ng	453642	3	12.39	803209	20.0
unknown12.24	12.24	28.1	ng	1127430	3	12.39	803209	20.0
Naphthalene, 1,6,...	12.93	14.2	ng	568207	3	12.39	803209	20.0
unknown13.04	13.04	9.3	ng	371871	3	12.39	803209	20.0
1-Isopropenylnaph...	13.37	12.3	ng	495180	3	12.39	803209	20.0
1,4,5,8-Tetrameth...	14.02	8.2	ng	343320	4	14.79	840668	20.0
Phenanthrene, 2,3...	17.01	6.8	ng	216764	5	18.48	642506	20.0
.beta.-iso-Methyl...	21.04	11.6	ng	315597	6	20.15	543558	20.0