LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091592.D
Acq On : 14 Dec 2016 18:56
Operator : UM/SJ
Sample : H5957-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CH-1767-A-COMP

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-BF120916.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	4.967	249	252	258	rBV	1983430	2607384	36.53%	2.471%
2	5.401	287	290	292	rVB	5877903	6777844	94.97%	6.423%
3	5.641	310	311	314	rVB	197898	178973	2.51%	0.170%
4	6.442	378	381	383	rBV	5385514	7137084	100.00%	6.764%
5	6.567	389	392	394	rVB	6164750	7016410	98.31%	6.649%
6	6.796	410	412	414	rBV	1663374	1725534	24.18%	1.635%
7	6.944	423	425	428	rBV	3953772	4855696	68.03%	4.602%
8	7.070	433	436	438	rVB3	40218	76521	1.07%	0.073%
9	7.356	458	461	463	rVB	4140416	3934854	55.13%	3.729%
10	7.447	467	469	471	rBV2	80132	116143	1.63%	0.110%
11	7.516	471	475	477	rBV4	44695	114726	1.61%	0.109%
12	7.584	477	481	482	rBV3	69085	165334	2.32%	0.157%
13	7.607	482	483	485	rVB	111011	76835	1.08%	0.073%
14	7.676	485	489	491	rBV2	61165	150133	2.10%	0.142%
15	7.722	491	493	495	rVB2	194482	229583	3.22%	0.218%
16	7.847	501	504	507	rBV4	81958	184984	2.59%	0.175%
17	7.905	507	509	511	rBV3	114201	143968	2.02%	0.136%
18	7.973	511	515	518	rBV4	146202	407335	5.71%	0.386%
19	8.076	521	524	528	rBV	2546784	2642683	37.03%	2.504%
20	8.156	528	531	532	rBV2	165269	245845	3.44%	0.233%
21	8.259	538	540	541	rBV2	119487	193356	2.71%	0.183%
22	8.293	541	543	544	rVV	236818	229403	3.21%	0.217%
23	8.373	548	550	551	rVV2	270145	335772	4.70%	0.318%
24	8.430	551	555	557	rVV5	161731	373827	5.24%	0.354%
25	8.510	560	562	564	rVV2	656930	1168623	16.37%	1.107%
26	8.579	567	568	570	rBV	176261	312550	4.38%	0.296%
27	8.625	570	572	575	rVV3	357967	514205	7.20%	0.487%
28	8.773	583	585	588	rVB3	391058	669357	9.38%	0.634%
29	8.830	588	590	591	rBV	406448	531429	7.45%	0.504%
30	8.865	591	593	594	rBV2	254273	289995	4.06%	0.275%
31	8.967	600	602	603	rBV2	343203	351717	4.93%	0.333%
32	9.036	607	608	609	rBV	272059	258425	3.62%	0.245%
33	9.070	609	611	613	rVV2	487269	655002	9.18%	0.621%
34	9.116	613	615	616	rVB	1132714	1209751	16.95%	1.146%

LSC Area Percent Report

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Data File : BF091592.D
Acq On : 14 Dec 2016 18:56
Operator : UM/SJ
Sample : H5957-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CH-1767-A-COMP

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-BF120916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.162	616	619	621	rBV	6596433	6960101	97.52%	6.596%
36	9.196	621	622	623	rBV	93837	107156	1.50%	0.102%
37	9.242	623	626	628	rBV2	1186591	1833966	25.70%	1.738%
38	9.550	651	653	656	rBV2	2846460	4655289	65.23%	4.412%
39	9.608	656	658	661	rVB3	514983	735098	10.30%	0.697%
40	9.699	665	666	668	rBV2	975501	1604215	22.48%	1.520%
41	9.745	668	670	672	rVB2	1745031	2348463	32.91%	2.226%
42	9.790	672	674	675	rBV	674966	1005852	14.09%	0.953%
43	9.836	675	678	680	rVB2	2827253	3601097	50.46%	3.413%
44	9.882	680	682	684	rBV	854156	1199985	16.81%	1.137%
45	10.099	700	701	704	rBV2	736082	881325	12.35%	0.835%
46	10.156	704	706	709	rVV3	592298	1311671	18.38%	1.243%
47	10.202	709	710	712	rVV2	486909	652691	9.15%	0.619%
48	10.248	712	714	716	rBV3	689202	855110	11.98%	0.810%
49	10.499	734	736	738	rVB	1631222	1589903	22.28%	1.507%
50	10.625	745	747	749	rBV	3478194	3594448	50.36%	3.406%
51	10.762	756	759	762	rVB	4255812	4713168	66.04%	4.467%
52	11.231	798	800	802	rVB	2050984	2395676	33.57%	2.270%
53	11.311	805	807	813	rBV2	1347223	2343626	32.84%	2.221%
54	12.522	911	913	915	rVB	1336294	1136611	15.93%	1.077%
55	12.751	930	933	934	rBV	1018019	969011	13.58%	0.918%
56	12.899	944	946	949	rVB	5516962	5505612	77.14%	5.218%
57	12.968	950	952	956	rVB4	177351	326767	4.58%	0.310%
58	13.185	969	971	974	rVB	176975	295288	4.14%	0.280%
59	13.585	1003	1006	1010	rVB	153987	275854	3.87%	0.261%
60	13.688	1013	1015	1017	rBV	148465	213427	2.99%	0.202%
61	13.802	1022	1025	1029	rVB4	301323	565617	7.93%	0.536%
62	13.939	1034	1037	1044	rVB2	1798479	2927508	41.02%	2.774%
63	14.328	1069	1071	1073	rVV	135067	145945	2.04%	0.138%
64	14.362	1073	1074	1076	rVB	121428	105157	1.47%	0.100%
65	14.957	1123	1126	1130	rBV	507383	1031369	14.45%	0.977%
66	15.048	1133	1134	1137	rVB	122796	148522	2.08%	0.141%
67	15.231	1148	1150	1153	rVB	287739	385729	5.40%	0.366%
68	15.288	1153	1155	1158	rVV	306741	396510	5.56%	0.376%
69	15.357	1158	1161	1171	rVB	1251257	1880772	26.35%	1.782%
70	16.705	1276	1279	1283	rBV2	183261	357505	5.01%	0.339%
71	16.923	1296	1298	1305	rVB3	50959	163166	2.29%	0.155%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : CH-1767-A-COMP

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
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.117	1311	1315	1322	rVB	141648	323232	4.53%	0.306%
73	19.357	1507	1511	1514	rBV	30860	98299	1.38%	0.093%

Sum of corrected areas: 105522022

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
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Misc :
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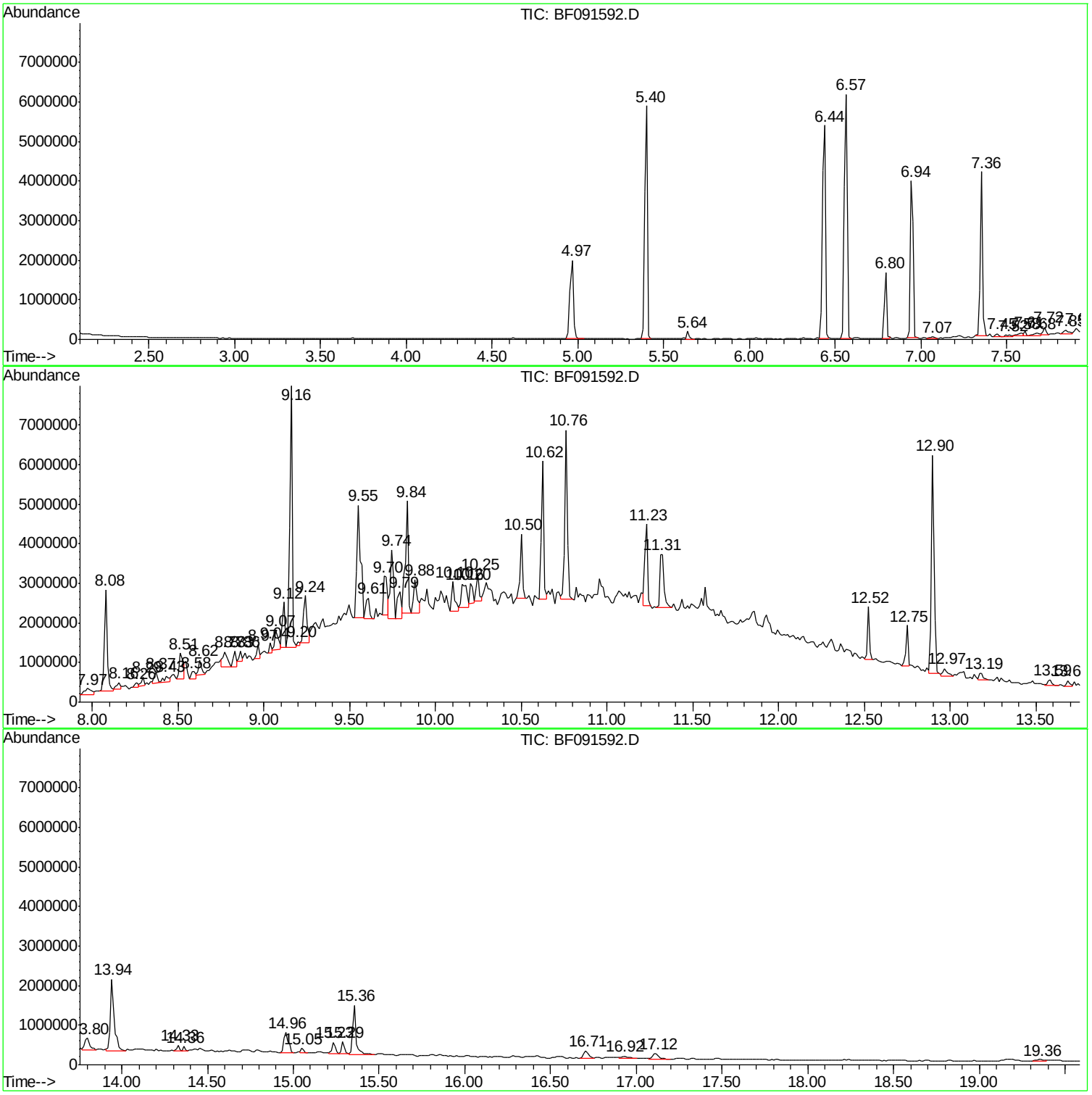
Instrument : BNA_F
ClientSampleId : CH-1767-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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\BF121416\
Data File : BF091592.D
Acq On : 14 Dec 2016 18:56
Operator : UM/SJ
Sample : H5957-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CH-1767-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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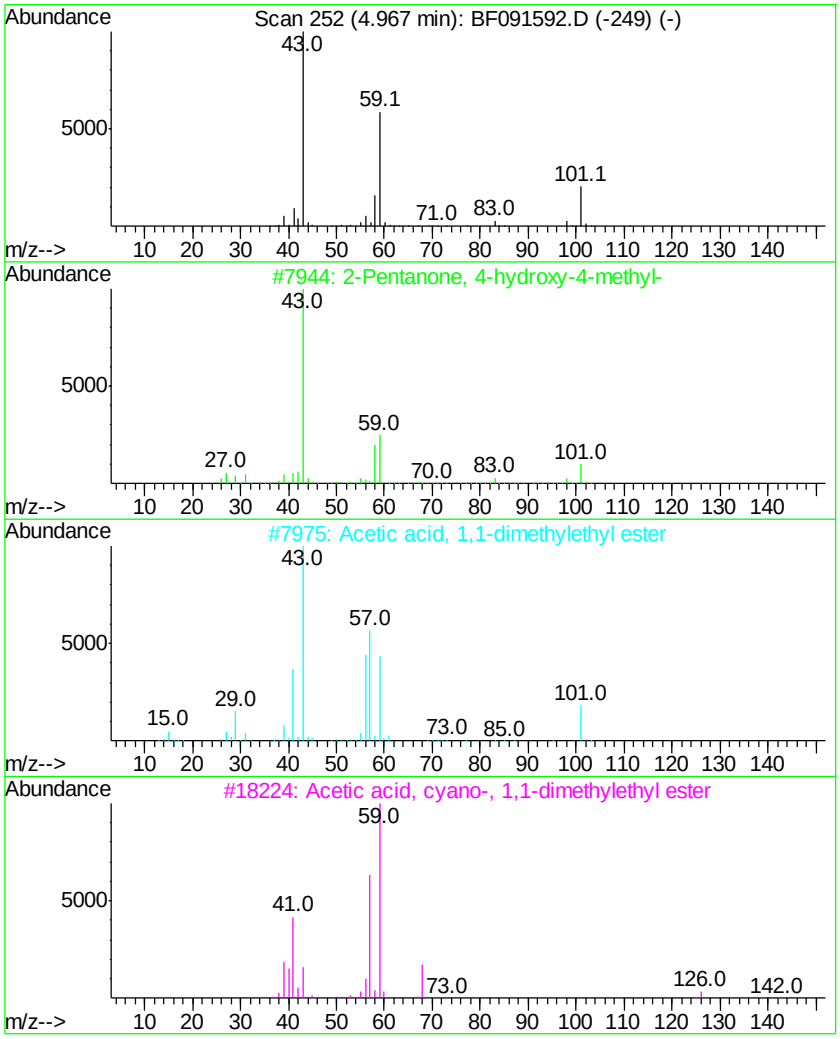
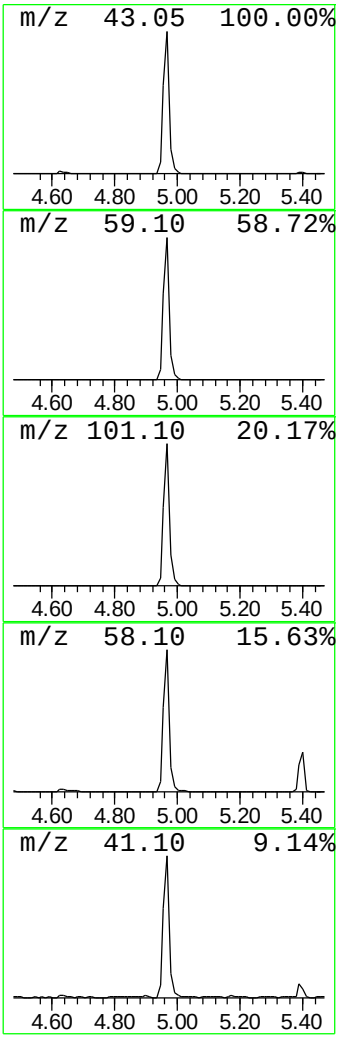
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	30.22 ng	2607380	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091592.D
Acq On : 14 Dec 2016 18:56
Operator : UM/SJ
Sample : H5957-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CH-1767-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

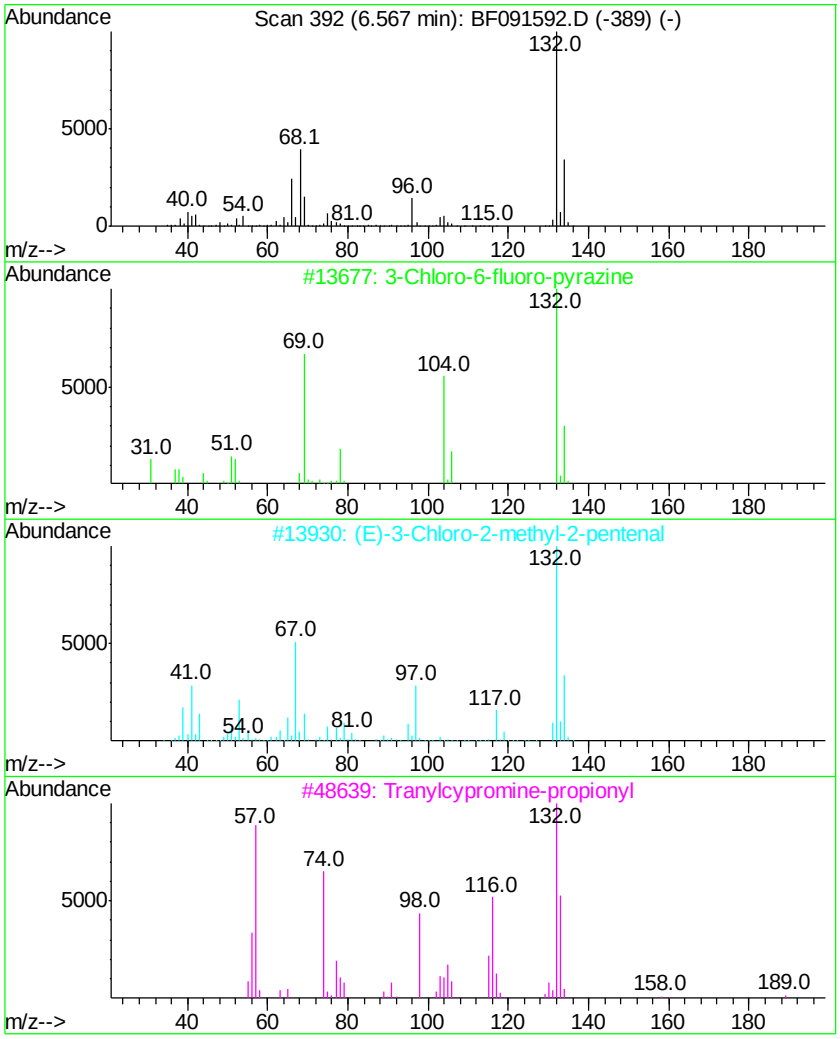
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

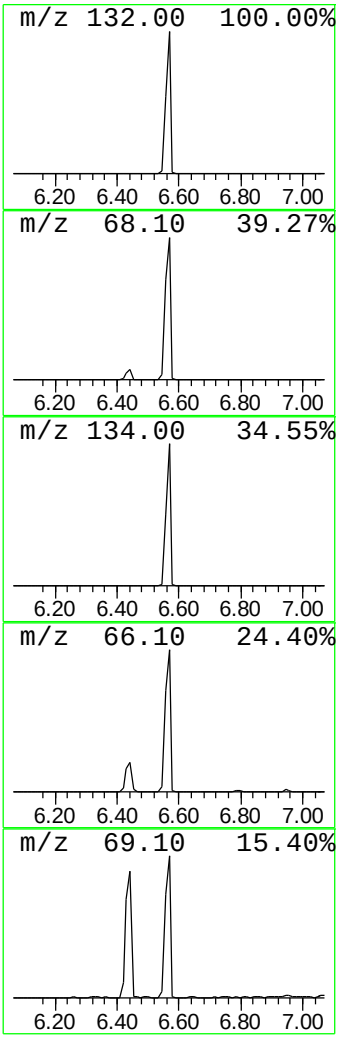
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	81.32 ng	7016410	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091592.D
Acq On : 14 Dec 2016 18:56
Operator : UM/SJ
Sample : H5957-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CH-1767-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

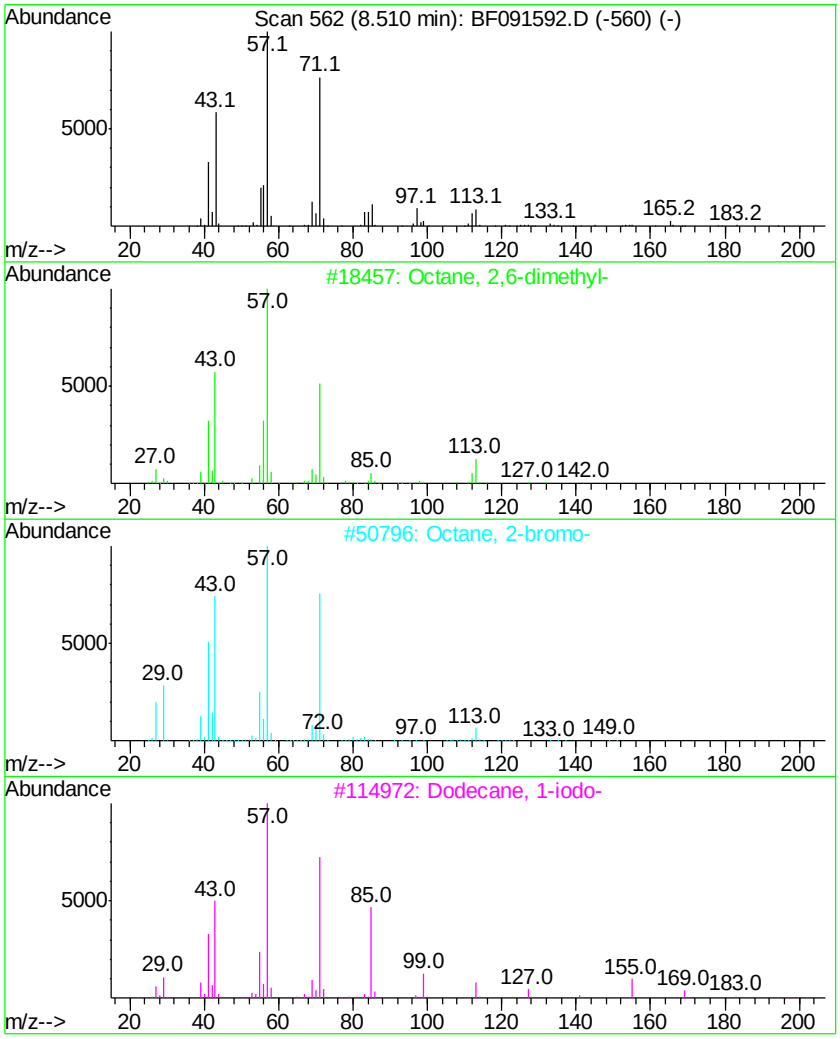
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

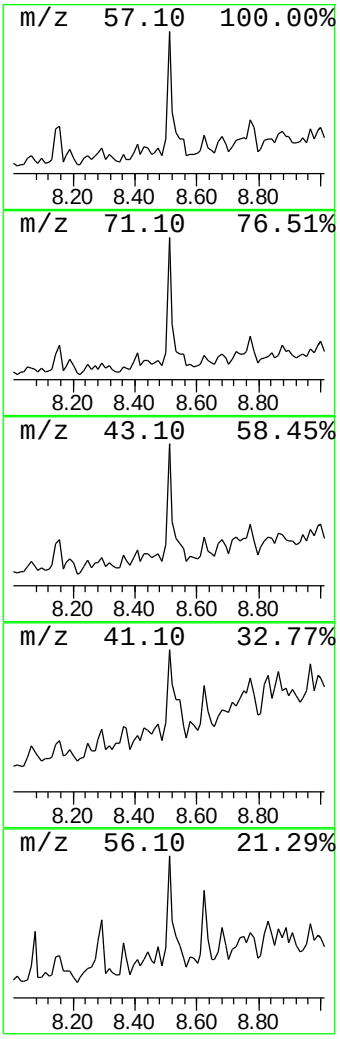
****

Peak Number 4 Octane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	8.84 ng	1168620	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	59
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59
4	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	59
5	Threitol, 2-O-octyl-	234	C12H26O4	163776-14-5	59





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Operator : UM/SJ
Sample : H5957-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CH-1767-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

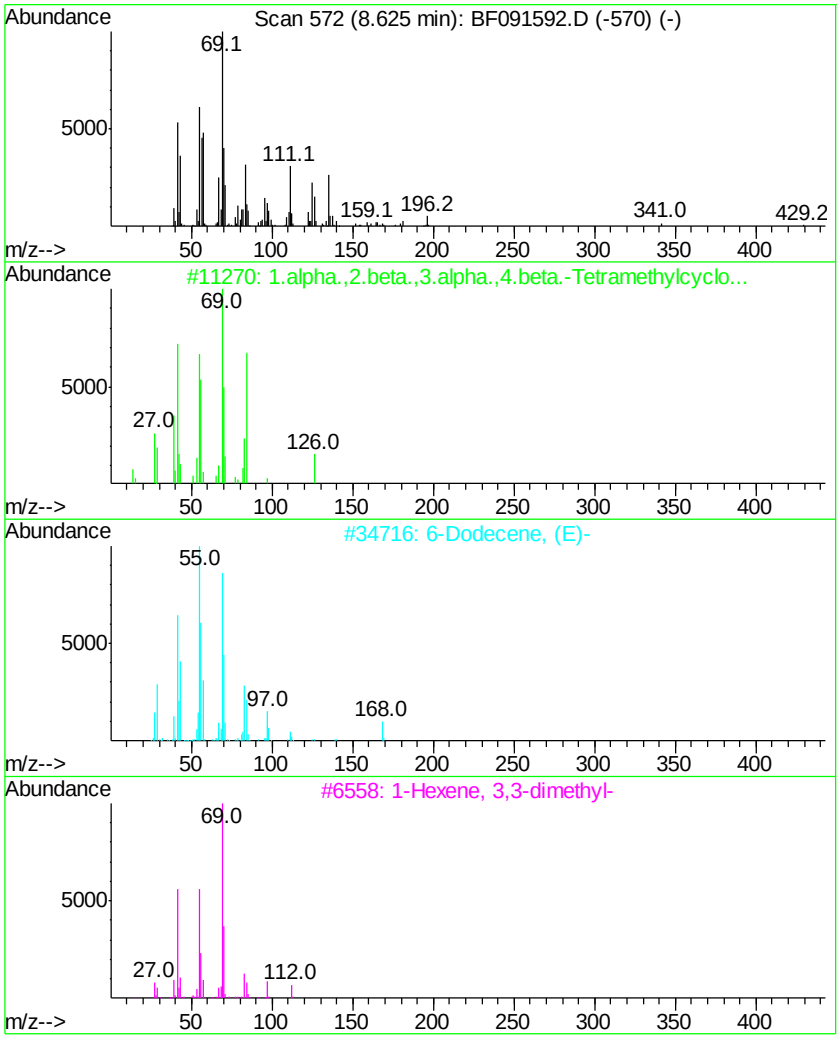
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

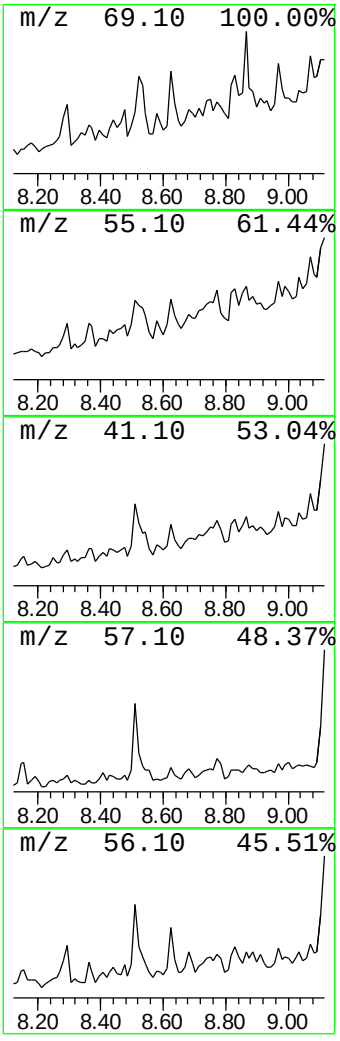
****

Peak Number 5 1.alpha.,2.beta.,3.alpha.,4... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	3.89 ng	514205	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	52
2	6-Dodecene, (E)-	168	C12H24	007206-17-9	52
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49
4	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	46
5	4-Dodecene, (E)-	168	C12H24	007206-15-7	38





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Instrument : BNA_F
ClientSampleId : CH-1767-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

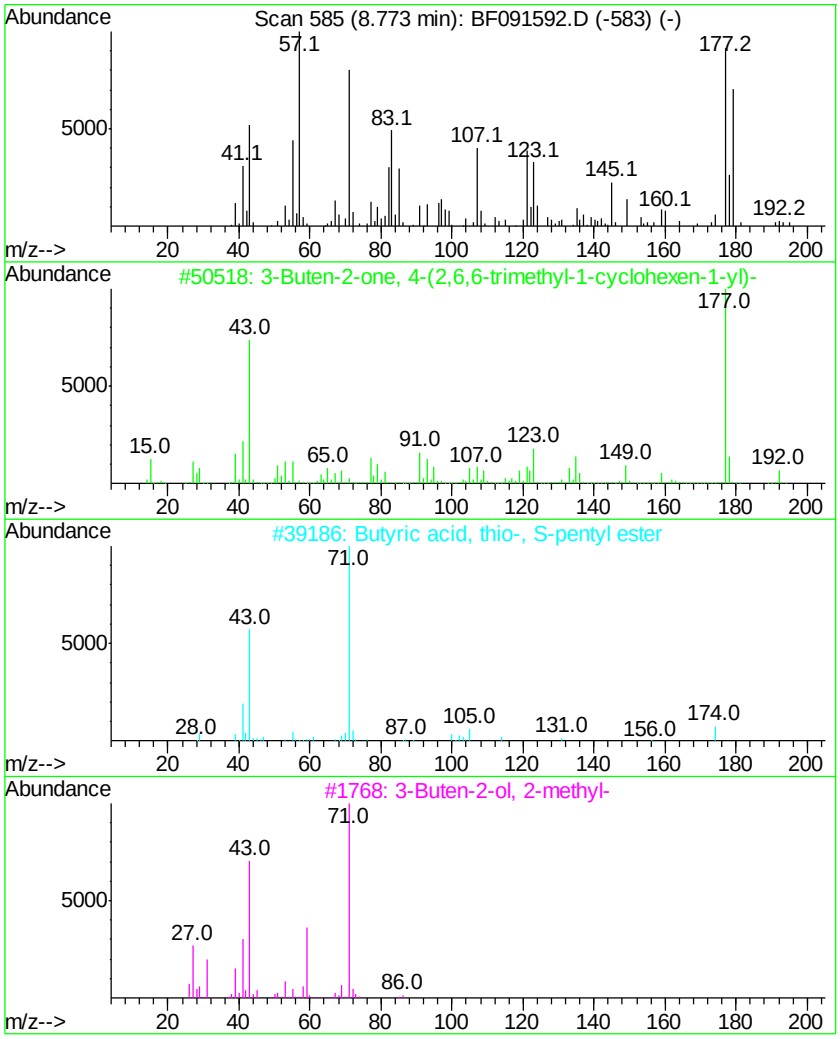
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

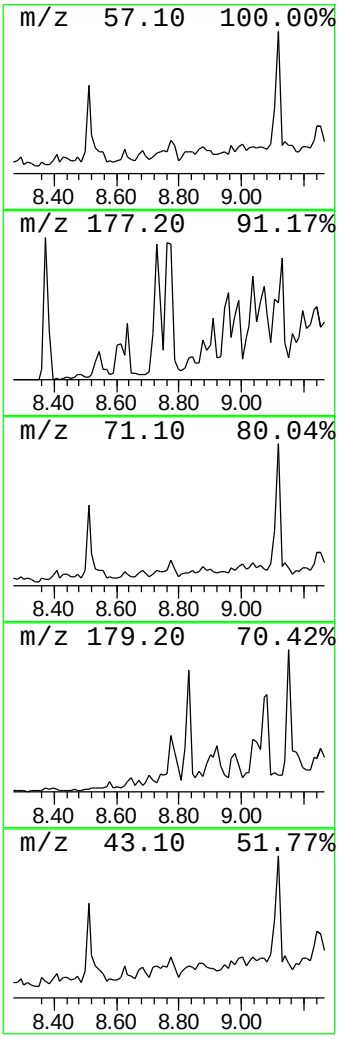
****

Peak Number 6 unknown8.77 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	5.07 ng	669357	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	22
2	Butyric acid, thio-, S-pentyl ester	174	C9H18OS	002432-53-3	11
3	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	11
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	10
5	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	10





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Data File : BF091592.D
Acq On : 14 Dec 2016 18:56
Operator : UM/SJ
Sample : H5957-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CH-1767-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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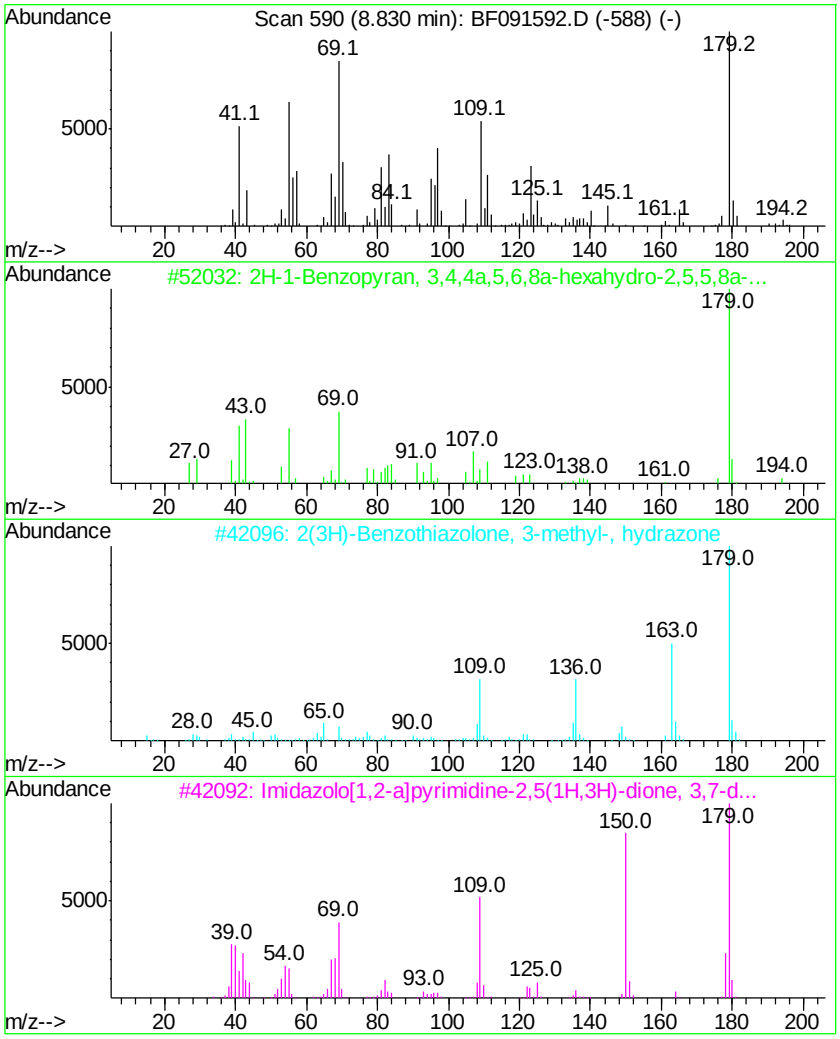
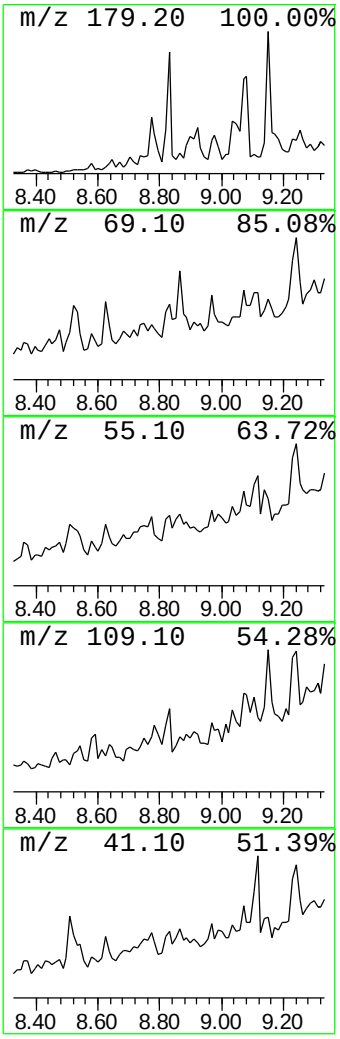
Peak Number 7 unknown8.83 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	4.02 ng	531429	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	063335-66-0	25
2	2(3H)-Benzothiazolone, 3-methyl-...	179	C8H9N3S	001128-67-2	22
3	Imidazolo[1,2-a]pyrimidine-2,5(1...	179	C8H9N3O2	053854-19-6	18
4	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	15
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091592.D
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Sample : H5957-01
Misc :
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Instrument : BNA_F
ClientSampleId : CH-1767-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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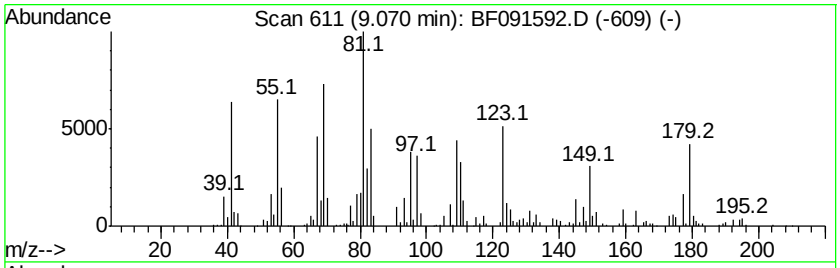
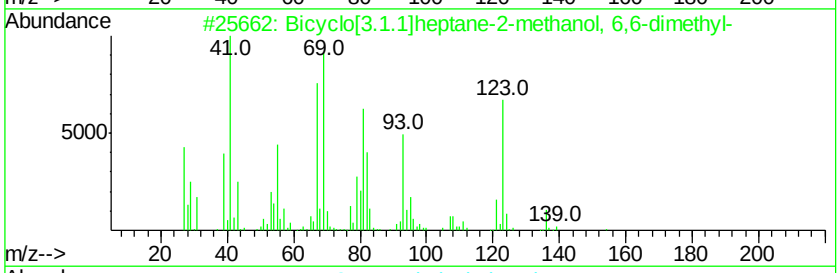
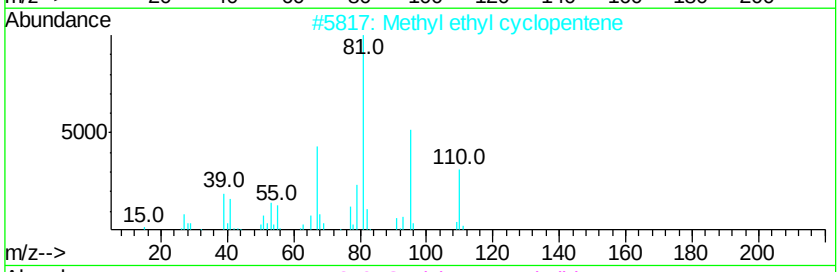
Peak Number 8 unknown9.07 Concentration Rank 20

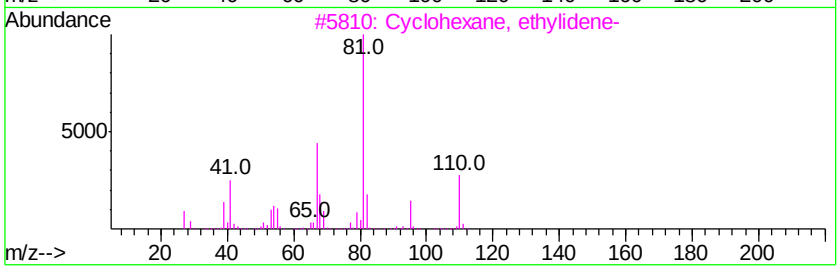
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	3.64 ng	655002	Acenaphthene-d10	9.84

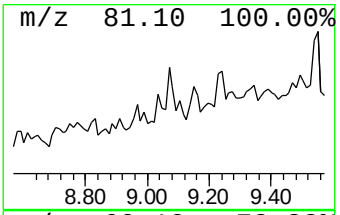
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane-2-methanol...	154	C10H18O	000514-99-8	20
2	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	20
3	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	18
4	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	18
5	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	069147-03-1	14

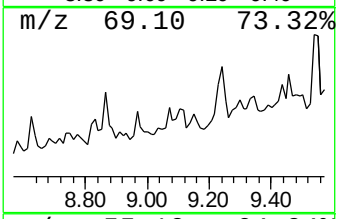


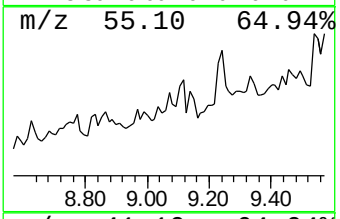


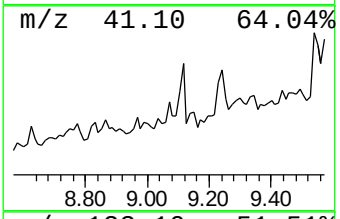


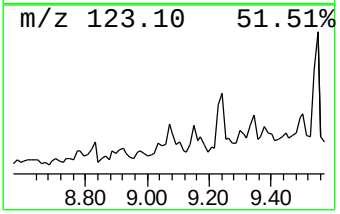












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Operator : UM/SJ
Sample : H5957-01
Misc :
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Instrument : BNA_F
ClientSampleId : CH-1767-A-COMP

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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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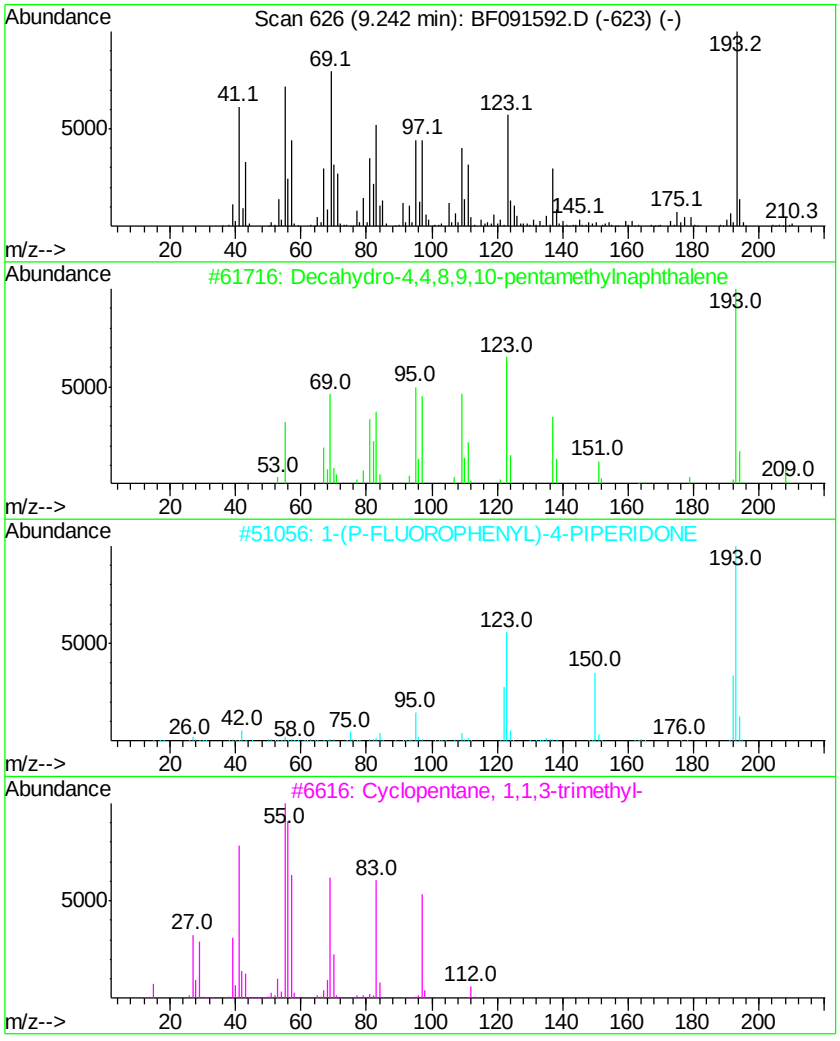
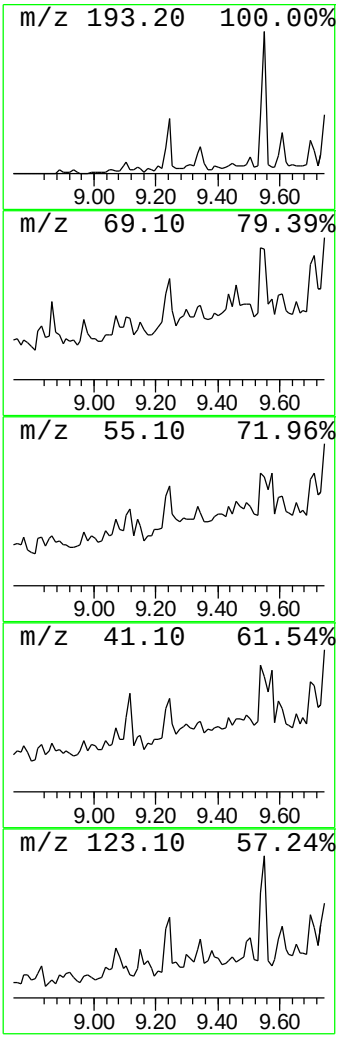
Peak Number 9 Decahydro-4,4,8,9,10-pentam... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	10.19 ng	1833970	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	53
2	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	27
3	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	25
4	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	22
5	6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	22





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

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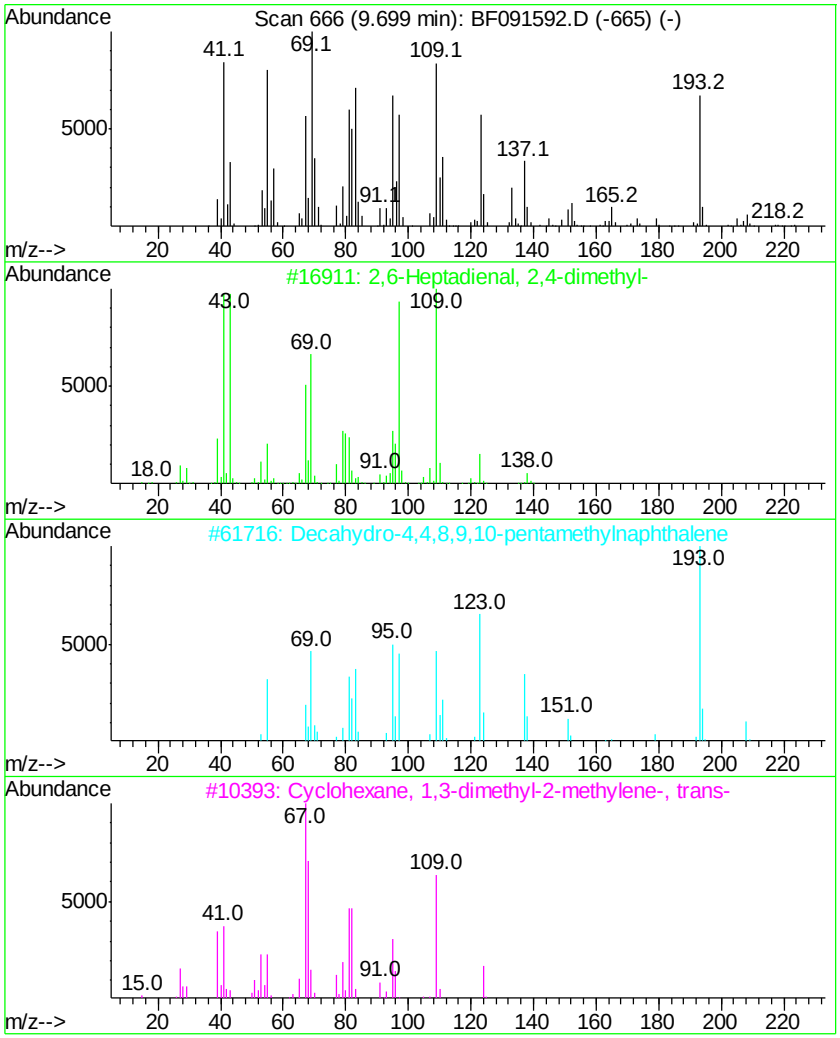
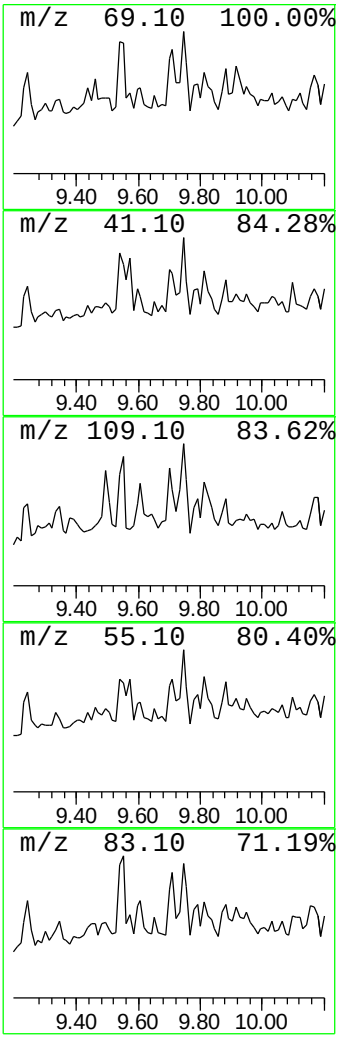
Peak Number 11 2,6-Heptadienal, 2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	8.91 ng	1604220	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	55
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
3	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	25
4	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	25
5	1H-Indene, octahydro-2,3a,4-trim...	208	C15H28	031230-13-4	22





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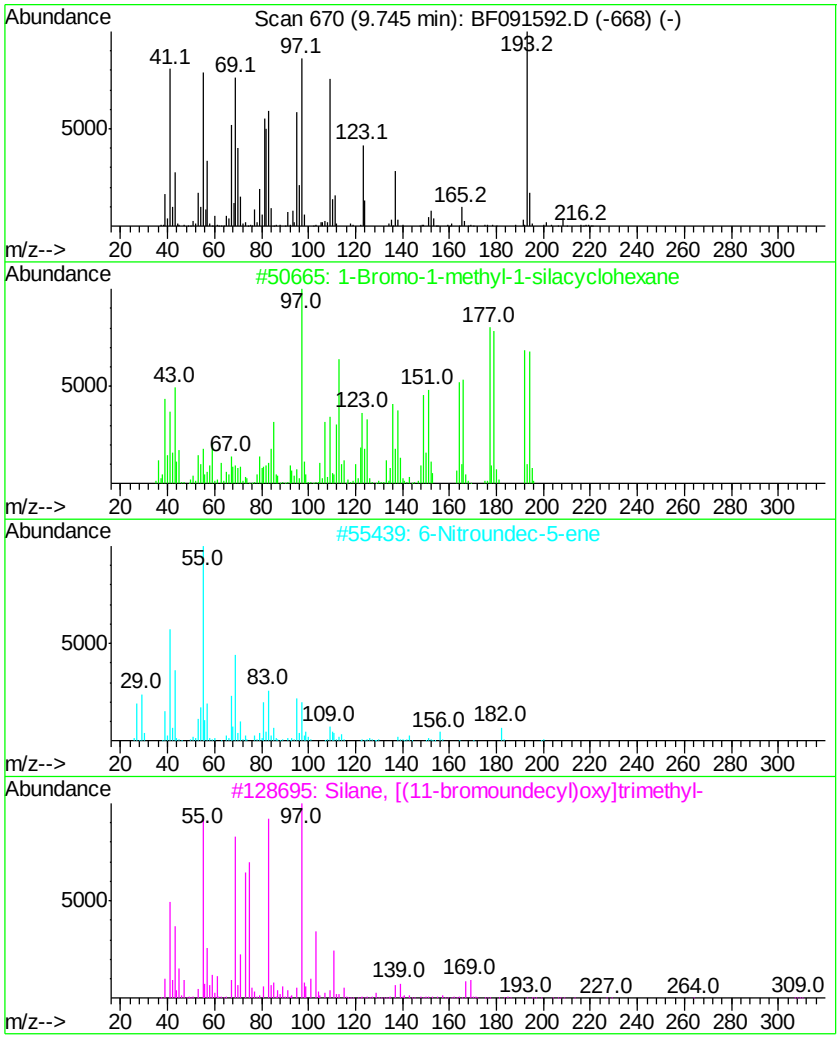
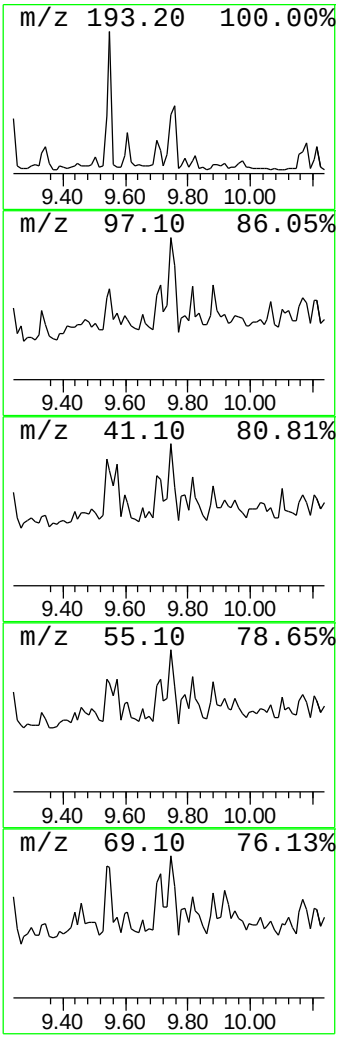
Peak Number 12 1-Bromo-1-methyl-1-silacycl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	13.04 ng	2348460	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromo-1-methyl-1-silacyclohexane	192	C6H13BrSi	085125-32-2	68
2	6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	35
3	Silane, [(11-bromoundecyl)oxyltr...	322	C14H31BrOSi	026305-83-9	27
4	2-Anthracenamine	193	C14H11N	000613-13-8	25
5	3,5-Octadiene, 4,5-diethyl-3,6-d...	194	C14H26	061233-79-2	25





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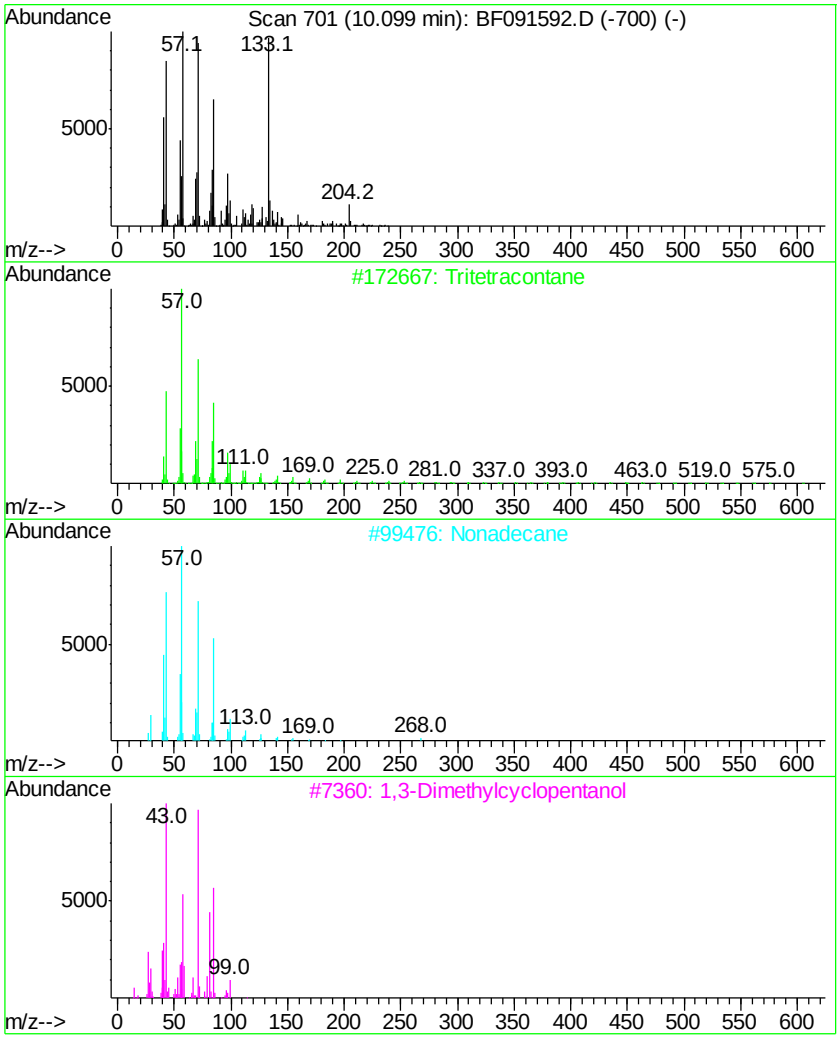
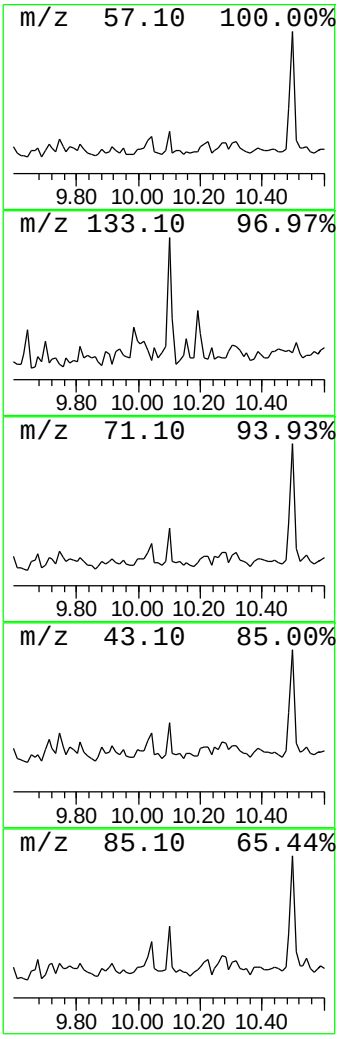
Peak Number 13 unknown10.10 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	4.89 ng	881325	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	46
2	Nonadecane	268	C19H40	000629-92-5	43
3	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	38
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	38
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	35





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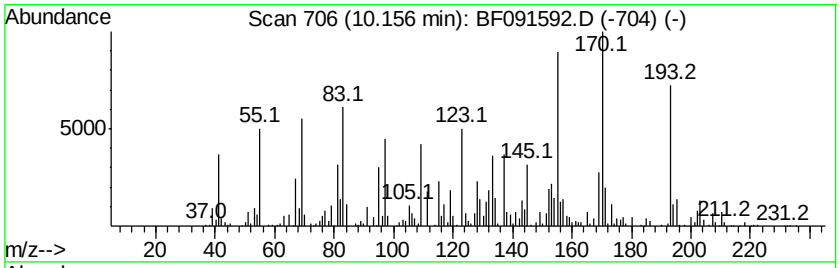
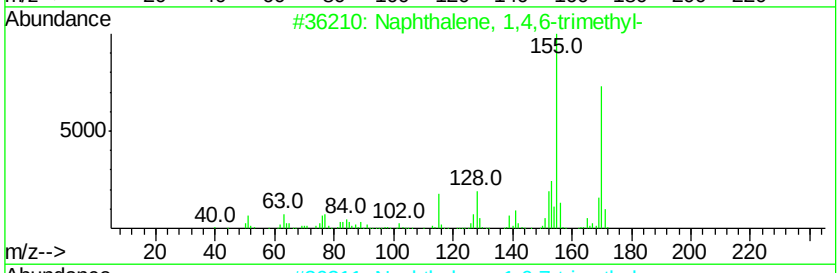
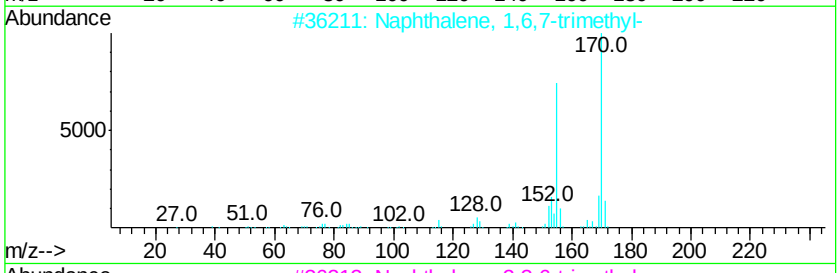
Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 11

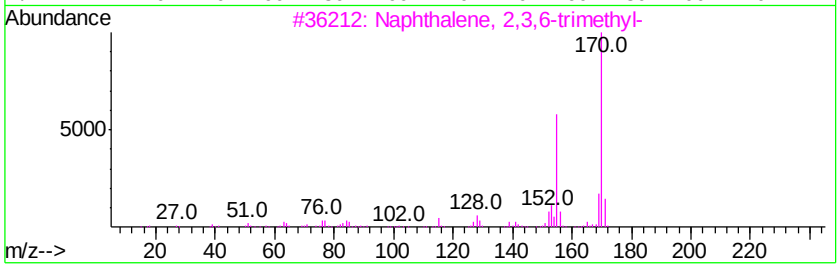
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	7.28 ng	1311670	Acenaphthene-d10	9.84

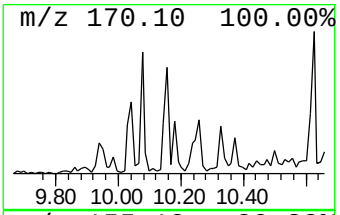
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	64
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	50

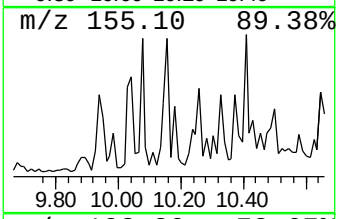


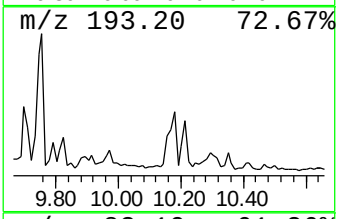


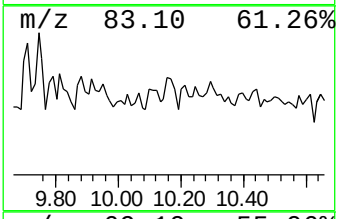


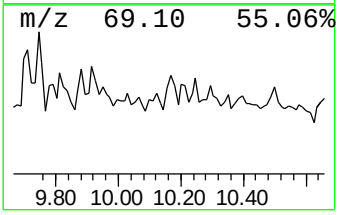












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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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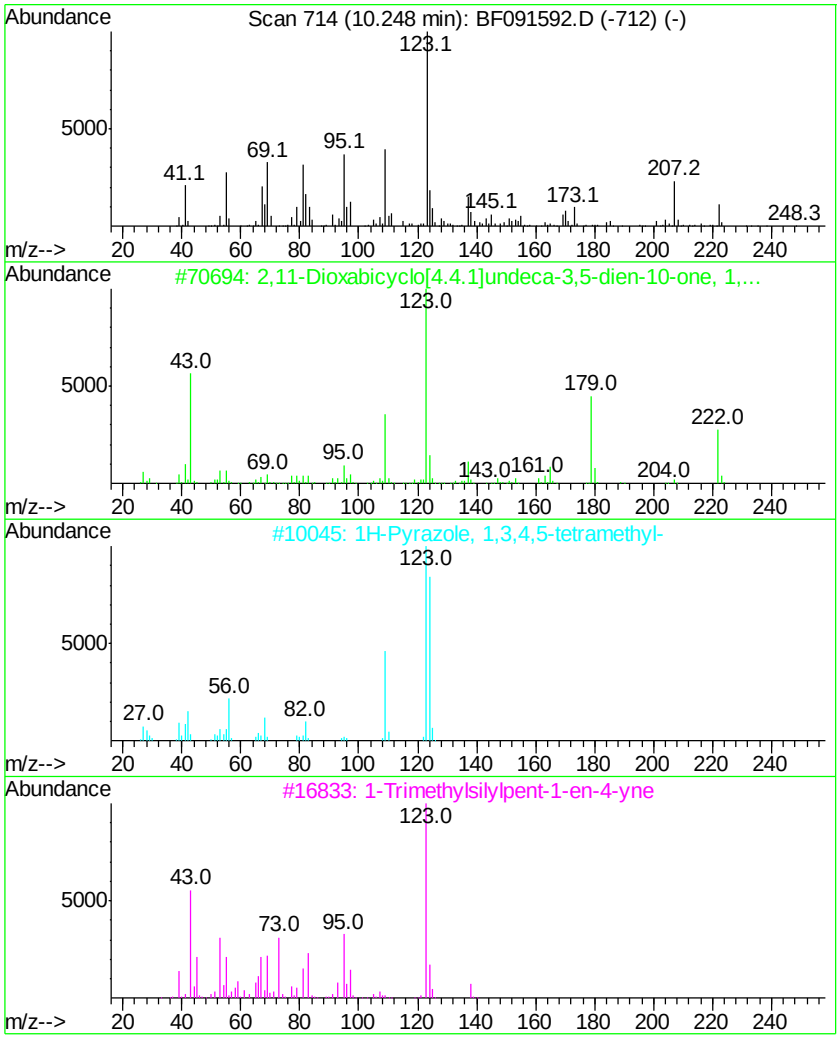
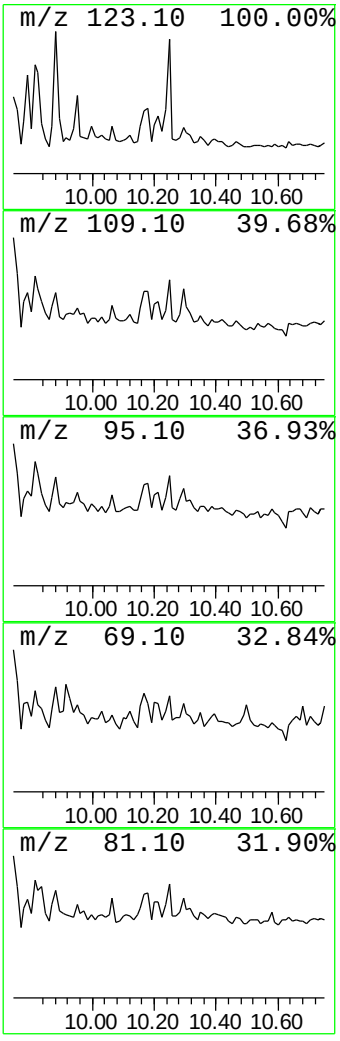
Peak Number 15 2,11-Dioxabicyclo[4.4.1]und... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	4.75 ng	855110	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	53
2	1H-Pyrazole, 1,3,4,5-tetramethyl-	124	C7H12N2	001073-20-7	47
3	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	45
4	Bromo-4-fluoroacetophenone	216	C8H6BrFO	000403-29-2	38
5	4-Fluorobenzoic acid, 5-pentadec...	350	C22H35FO2	1000280-68-6	38





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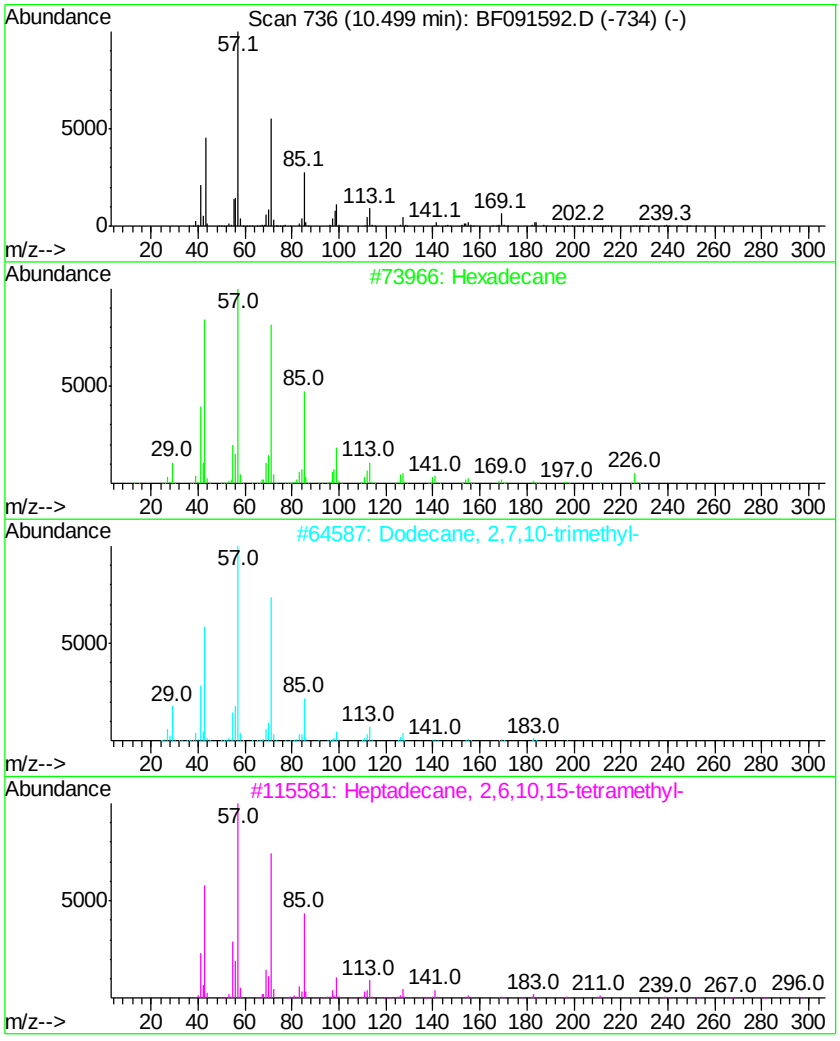
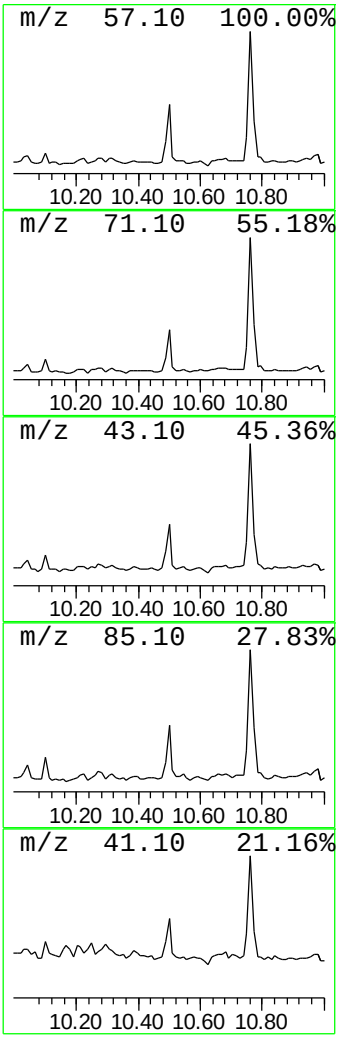
Peak Number 16 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	8.83 ng	1589900	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	Tridecane	184	C13H28	000629-50-5	72





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Instrument : BNA_F
ClientSampleId : CH-1767-A-COMP

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

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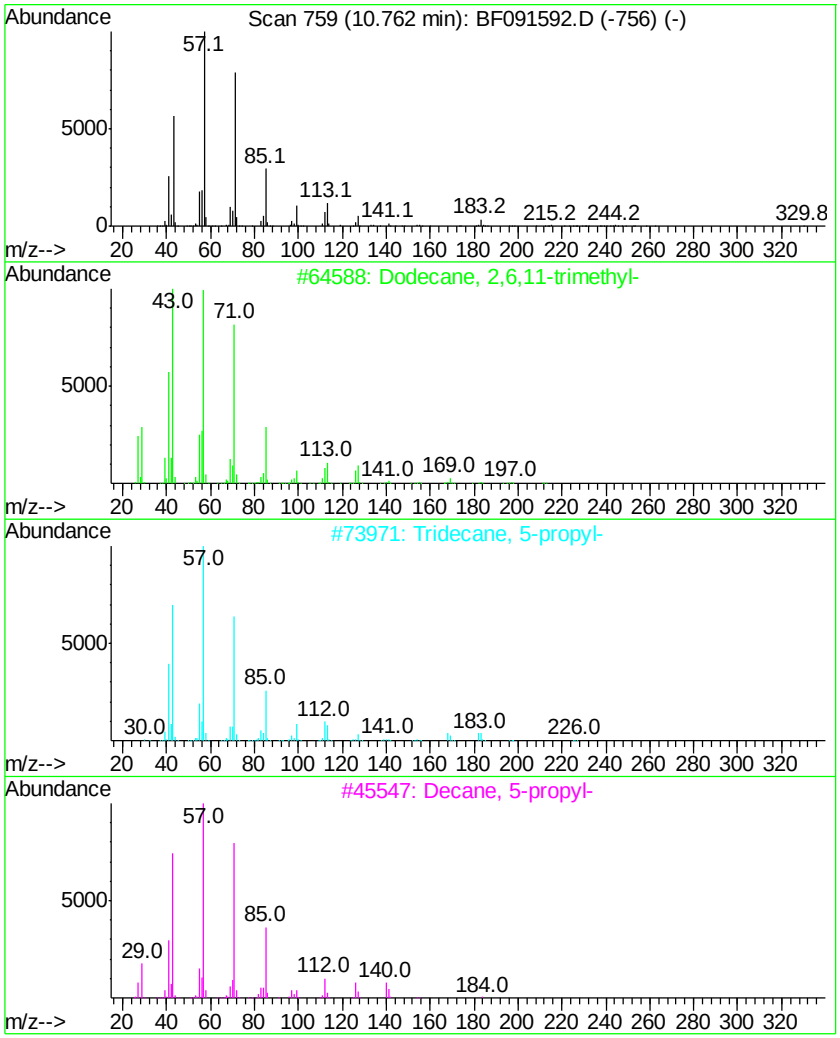
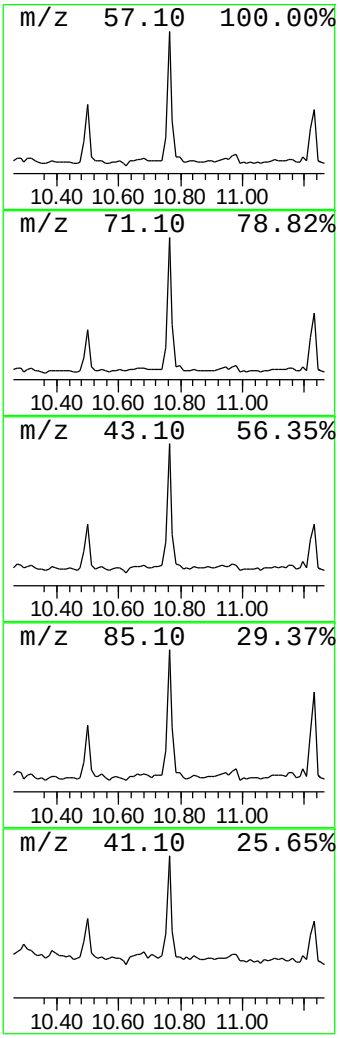
Peak Number 17 Dodecane, 2,6,11-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	40.22 ng	4713170	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
3	Decane, 5-propyl-	184	C13H28	017312-62-8	83
4	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	74
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CH-1767-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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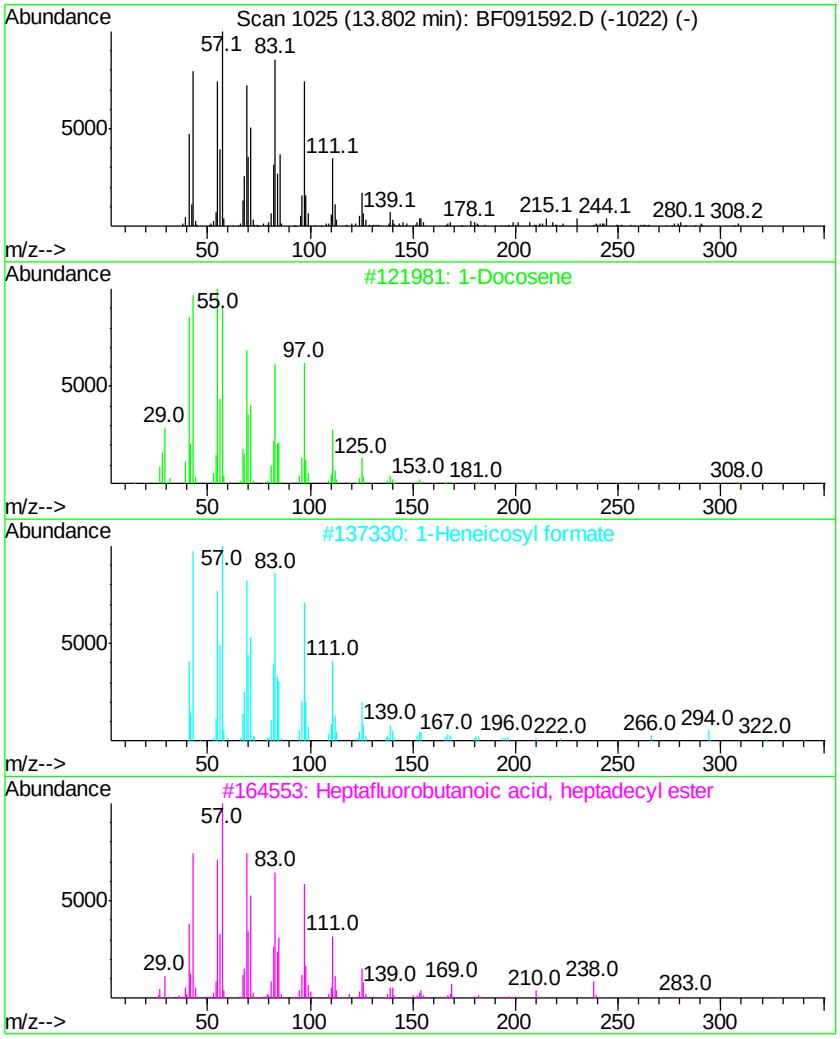
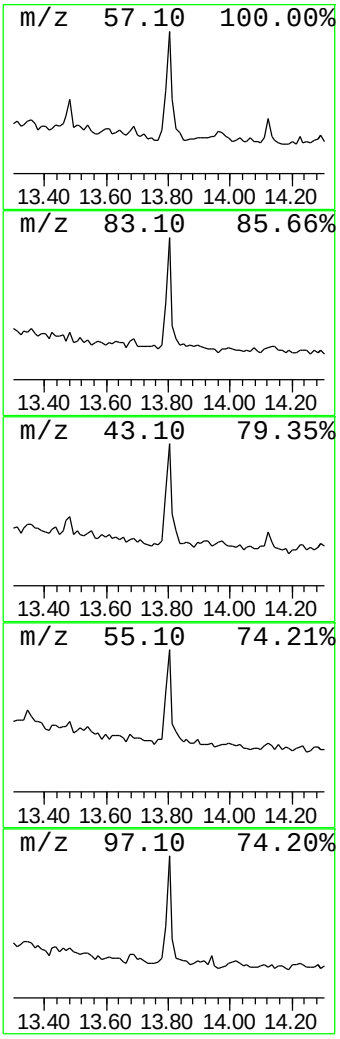
Peak Number 19 1-Docosene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	3.86 ng	565617	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091592.D
Acq On : 14 Dec 2016 18:56
Operator : UM/SJ
Sample : H5957-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CH-1767-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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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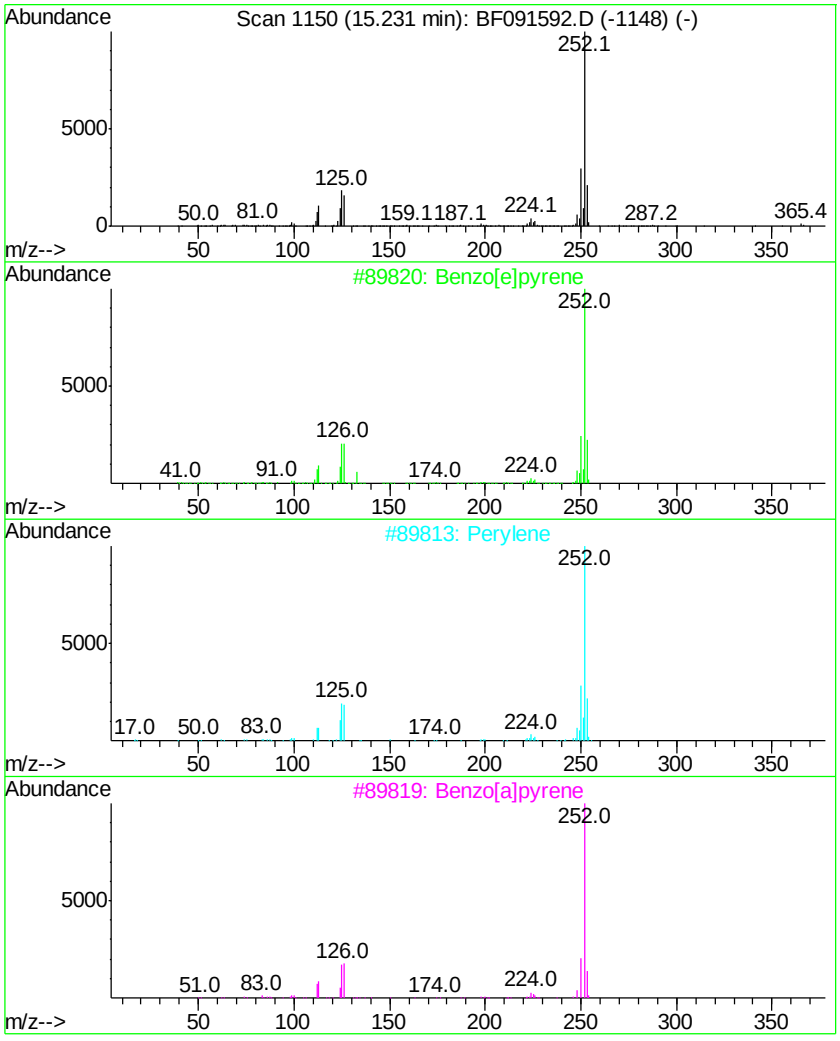
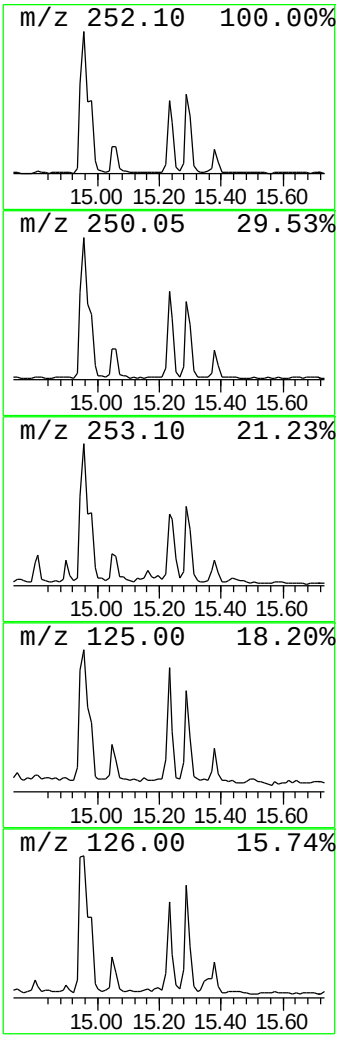
Peak Number 20 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	4.10 ng	385729	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121416\
Data File : BF091592.D
Acq On : 14 Dec 2016 18:56
Operator : UM/SJ
Sample : H5957-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CH-1767-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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...	4.97	30.2	ng	2607380	1	6.80	1725530	20.0
unknown6.57	6.57	81.3	ng	7016410	1	6.80	1725530	20.0
Octane, 2,6-dimet...	8.51	8.8	ng	1168620	2	8.08	2642680	20.0
1.alpha.,2.beta.,...	8.62	3.9	ng	514205	2	8.08	2642680	20.0
unknown8.77	8.77	5.1	ng	669357	2	8.08	2642680	20.0
unknown8.83	8.83	4.0	ng	531429	2	8.08	2642680	20.0
unknown9.07	9.07	3.6	ng	655002	3	9.84	3601100	20.0
Decahydro-4,4,8,9...	9.24	10.2	ng	1833970	3	9.84	3601100	20.0
2,6-Heptadienal, ...	9.70	8.9	ng	1604220	3	9.84	3601100	20.0
1-Bromo-1-methyl-...	9.74	13.0	ng	2348460	3	9.84	3601100	20.0
unknown10.10	10.10	4.9	ng	881325	3	9.84	3601100	20.0
Naphthalene, 1,4,...	10.16	7.3	ng	1311670	3	9.84	3601100	20.0
2,11-Dioxabicyclo...	10.25	4.8	ng	855110	3	9.84	3601100	20.0
Hexadecane	10.50	8.8	ng	1589900	3	9.84	3601100	20.0
Dodecane, 2,6,11-...	10.76	40.2	ng	4713170	4	11.32	2343630	20.0
1-Docosene	13.80	3.9	ng	565617	5	13.94	2927510	20.0
Benzo[e]pyrene	15.23	4.1	ng	385729	6	15.36	1880770	20.0