LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082096.D
Acq On : 6 Oct 2015 21:13
Operator : UM/IZ
Sample : G3927-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-28(7-9)

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-BF092815.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	2.285	10	13	18	rVB2	188376	465314	6.35%	0.375%
2	2.491	28	31	36	rVB2	84763	208736	2.85%	0.168%
3	2.628	36	43	46	rBV	70591	157796	2.15%	0.127%
4	2.765	46	55	58	rVV2	448985	1384426	18.90%	1.116%
5	2.845	58	62	64	rVV	752945	1847547	25.23%	1.490%
6	2.891	64	66	69	rVV	814309	1508316	20.60%	1.216%
7	2.948	69	71	80	rVB2	319918	930523	12.71%	0.750%
8	3.131	80	87	93	rBV3	197800	725372	9.91%	0.585%
9	3.360	98	107	110	rBV	1786059	5673094	77.47%	4.575%
10	3.406	110	111	115	rVB	203677	252680	3.45%	0.204%
11	3.531	115	122	125	rBV	2036894	5595232	76.40%	4.512%
12	3.600	125	128	136	rVB	958871	2330242	31.82%	1.879%
13	3.748	136	141	145	rBV5	896315	3054547	41.71%	2.463%
14	3.817	145	147	151	rVB2	254553	503832	6.88%	0.406%
15	3.908	151	155	158	rBV	1554054	3145930	42.96%	2.537%
16	3.966	158	160	165	rVB2	167081	330041	4.51%	0.266%
17	4.080	165	170	172	rBV	2033601	4181187	57.09%	3.372%
18	4.126	172	174	179	rVB	381993	725816	9.91%	0.585%
19	4.228	179	183	185	rBV	449009	780908	10.66%	0.630%
20	4.286	185	188	193	rVB2	393909	999357	13.65%	0.806%
21	4.366	193	195	198	rVB2	97411	189181	2.58%	0.153%
22	4.434	198	201	207	rBV3	662614	1180325	16.12%	0.952%
23	4.548	207	211	215	rBV3	709607	1323495	18.07%	1.067%
24	4.640	215	219	223	rVB	629023	935381	12.77%	0.754%
25	4.708	223	225	227	rBV	210126	269927	3.69%	0.218%
26	4.754	227	229	231	rBV	434284	616787	8.42%	0.497%
27	4.800	231	233	235	rVB2	166323	194766	2.66%	0.157%
28	4.880	237	240	242	rVB	749629	1081850	14.77%	0.872%
29	4.971	242	248	252	rBV2	1384562	4036379	55.12%	3.255%
30	5.040	252	254	259	rBV	2195204	3668597	50.10%	2.958%
31	5.109	259	260	262	rVB2	366080	293447	4.01%	0.237%
32	5.177	262	266	270	rVB2	372374	918771	12.55%	0.741%
33	5.246	270	272	274	rBV	1309615	2245936	30.67%	1.811%
34	5.291	274	276	278	rVB2	422081	603788	8.24%	0.487%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082096.D
Acq On : 6 Oct 2015 21:13
Operator : UM/IZ
Sample : G3927-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-28(7-9)

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-BF092815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	5.349	278	281	282	rBV2	948735	1799894	24.58%	1.451%
36	5.371	282	283	286	rVB	1068110	872157	11.91%	0.703%
37	5.417	286	287	288	rBV	218313	234177	3.20%	0.189%
38	5.451	288	290	295	rVB2	1944046	4282650	58.48%	3.454%
39	5.520	295	296	297	rVB	242412	166173	2.27%	0.134%
40	5.543	297	298	301	rVB	502702	522173	7.13%	0.421%
41	5.589	301	302	303	rVB	283242	194304	2.65%	0.157%
42	5.634	303	306	308	rBV	1244095	2448255	33.43%	1.974%
43	5.680	308	310	311	rVB	703790	923663	12.61%	0.745%
44	5.714	311	313	318	rVB3	960308	2094239	28.60%	1.689%
45	5.783	318	319	325	rVB	579104	810118	11.06%	0.653%
46	5.886	325	328	330	rBV2	1417844	2964915	40.49%	2.391%
47	5.943	330	333	337	rBV2	654439	1436128	19.61%	1.158%
48	6.023	338	340	343	rBV2	1417589	2863094	39.10%	2.309%
49	6.080	343	345	347	rBV	317275	391822	5.35%	0.316%
50	6.126	347	349	353	rBV2	2710533	6431459	87.82%	5.186%
51	6.183	353	354	363	rVB2	1842637	5453349	74.47%	4.398%
52	6.320	363	366	367	rBV	1421376	1987454	27.14%	1.603%
53	6.389	370	372	373	rVB	810341	757401	10.34%	0.611%
54	6.423	373	375	378	rBV2	1765894	3543074	48.38%	2.857%
55	6.480	378	380	381	rVV	677550	762734	10.42%	0.615%
56	6.514	381	383	386	rVB2	703734	988998	13.50%	0.798%
57	6.663	391	396	400	rBV7	1498083	5370394	73.33%	4.331%
58	6.743	401	403	407	rVB2	564318	884198	12.07%	0.713%
59	6.914	410	418	420	rBV5	2089907	7323277	100.00%	5.905%
60	7.052	428	430	431	rBV2	881617	1501270	20.50%	1.211%
61	12.926	942	944	946	rVB	1809995	3148125	42.99%	2.539%
62	13.429	986	988	989	rBV	515005	637578	8.71%	0.514%
63	14.069	1041	1044	1046	rBV2	1216768	2322626	31.72%	1.873%
64	14.458	1076	1078	1080	rVB	411605	573118	7.83%	0.462%
65	14.584	1088	1089	1090	rVB	308425	211425	2.89%	0.170%
66	15.110	1132	1135	1142	rVV	849193	2107831	28.78%	1.700%
67	15.212	1142	1144	1151	rVB	251546	492297	6.72%	0.397%
68	15.407	1159	1161	1164	rVB	652150	1028204	14.04%	0.829%
69	15.475	1164	1167	1169	rBV	927354	1290805	17.63%	1.041%
70	15.532	1170	1172	1174	rBV	258565	317699	4.34%	0.256%
71	16.081	1219	1220	1223	rVB	165013	210585	2.88%	0.170%

LSC Area Percent Report

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Data File : BF082096.D
Acq On : 6 Oct 2015 21:13
Operator : UM/IZ
Sample : G3927-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-28(7-9)

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-BF092815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.195	1228	1230	1236	rVB2	201834	456158	6.23%	0.368%
73	16.630	1265	1268	1271	rVB2	147792	323868	4.42%	0.261%
74	16.973	1295	1298	1303	rVB2	311194	693708	9.47%	0.559%
75	17.418	1333	1337	1346	rVB	326173	827443	11.30%	0.667%

Sum of corrected areas: 124008366

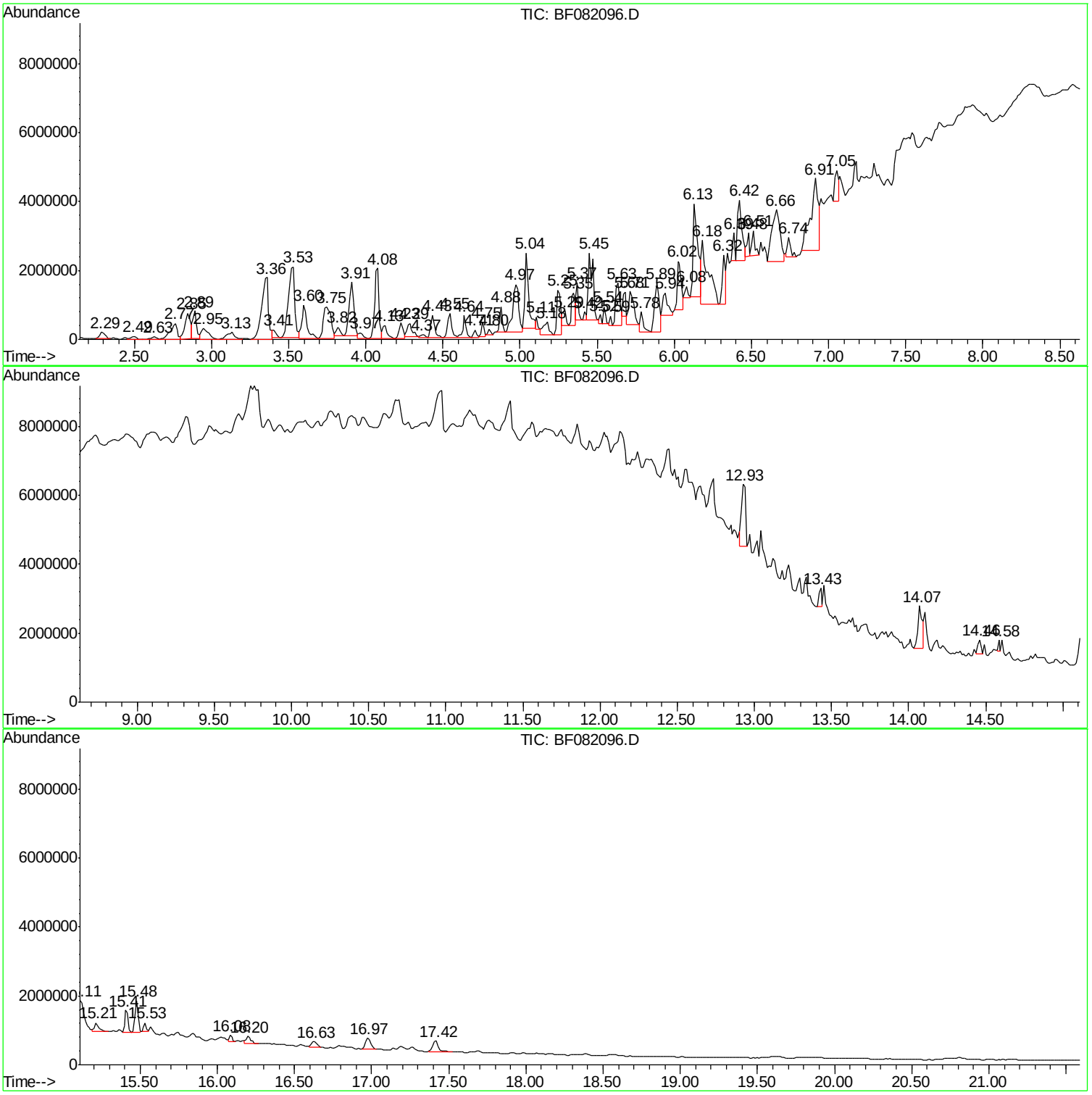
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082096.D
Acq On : 6 Oct 2015 21:13
Operator : UM/IZ
Sample : G3927-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-28(7-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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\BF100615\
Data File : BF082096.D
Acq On : 6 Oct 2015 21:13
Operator : UM/IZ
Sample : G3927-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-28(7-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

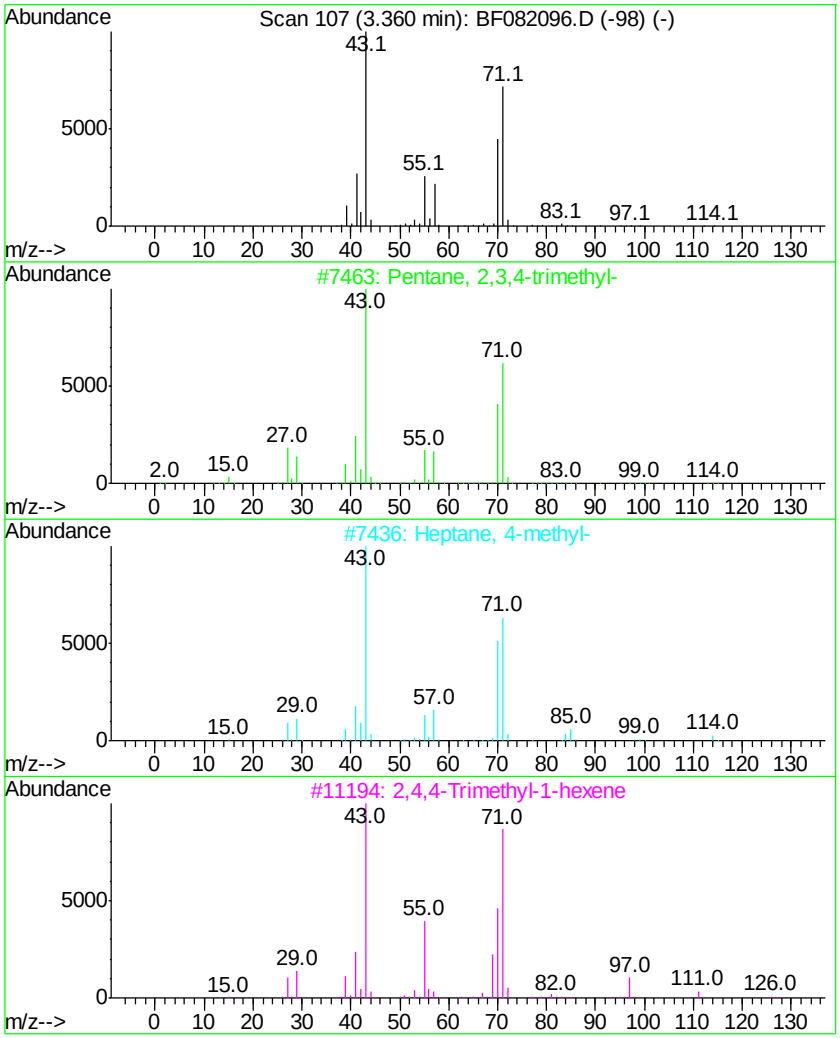
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

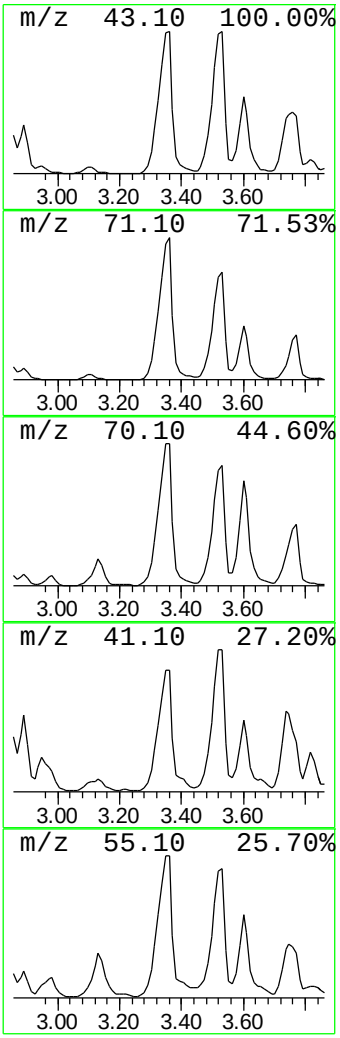
****

Peak Number 1 Pentane, 2,3,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.36	15.49 ng	5673090	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	78
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	74
5	Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082096.D
Acq On : 6 Oct 2015 21:13
Operator : UM/IZ
Sample : G3927-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-28(7-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

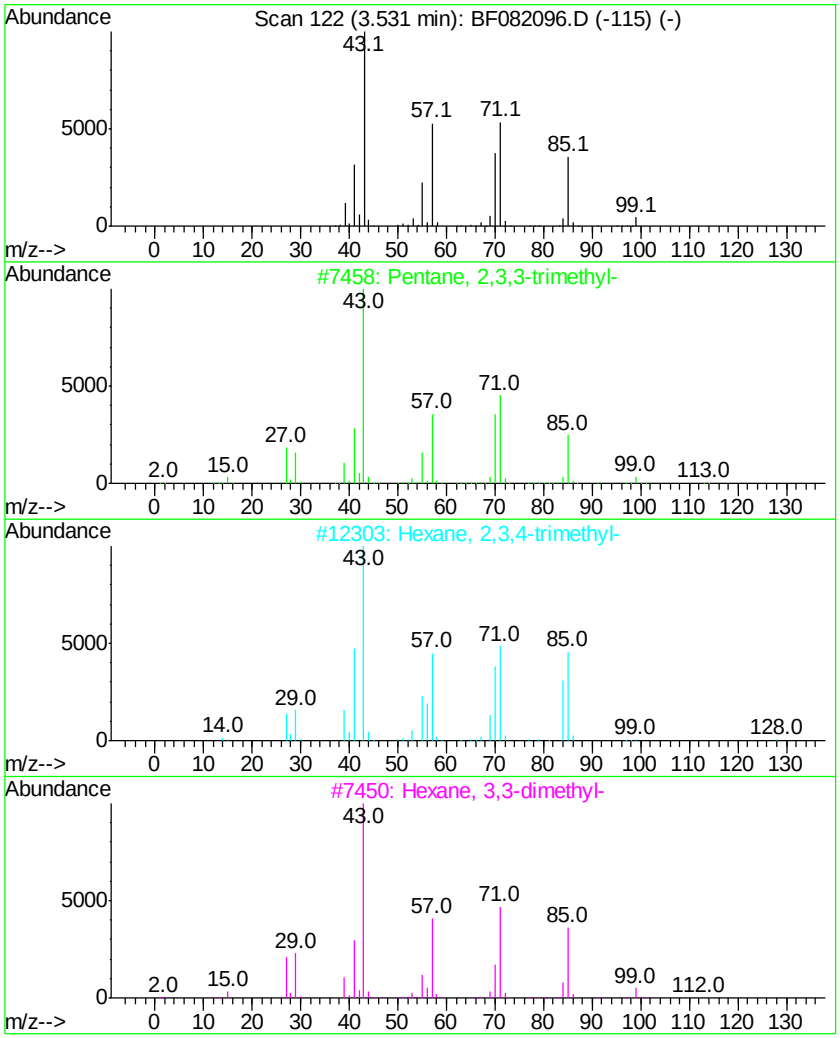
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

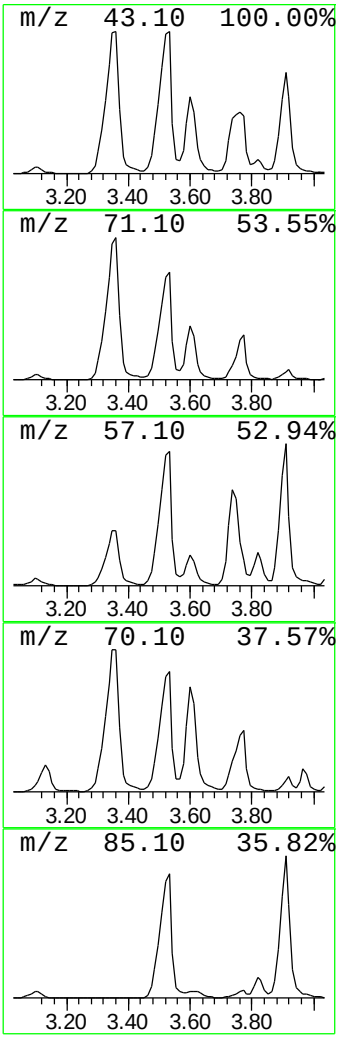
****

Peak Number 2 Pentane, 2,3,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	15.28 ng	5595230	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	72
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	53
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082096.D
Acq On : 6 Oct 2015 21:13
Operator : UM/IZ
Sample : G3927-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-28(7-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

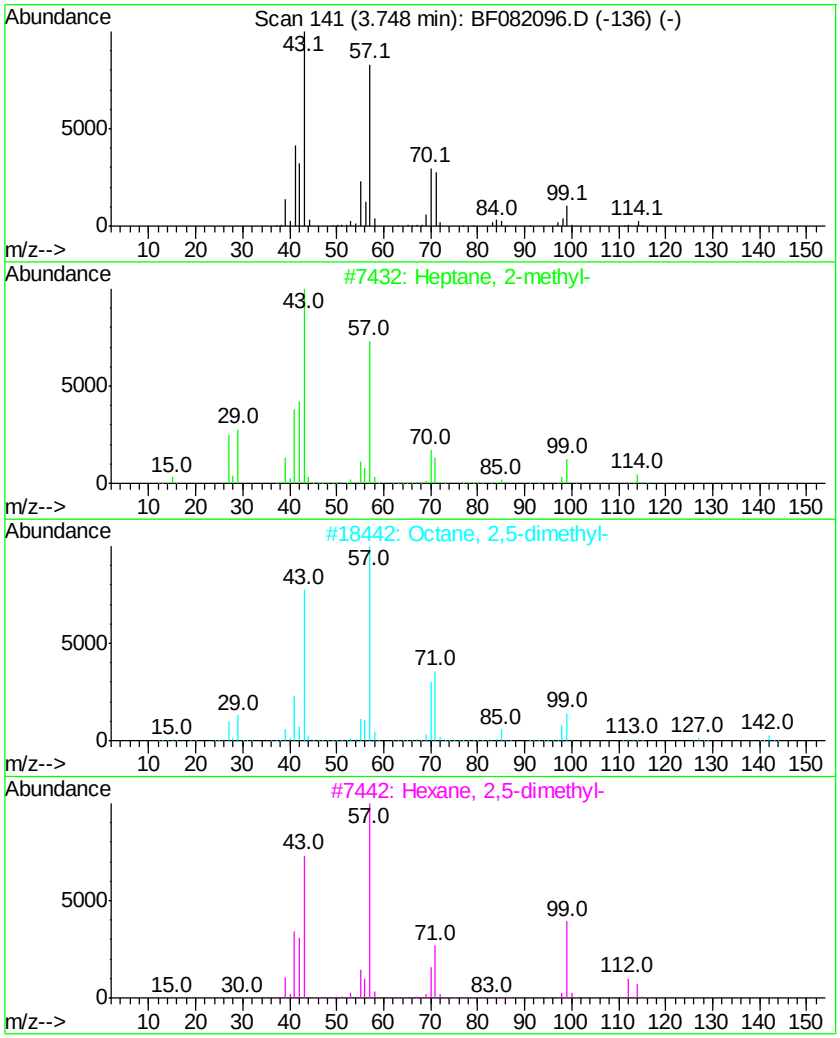
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

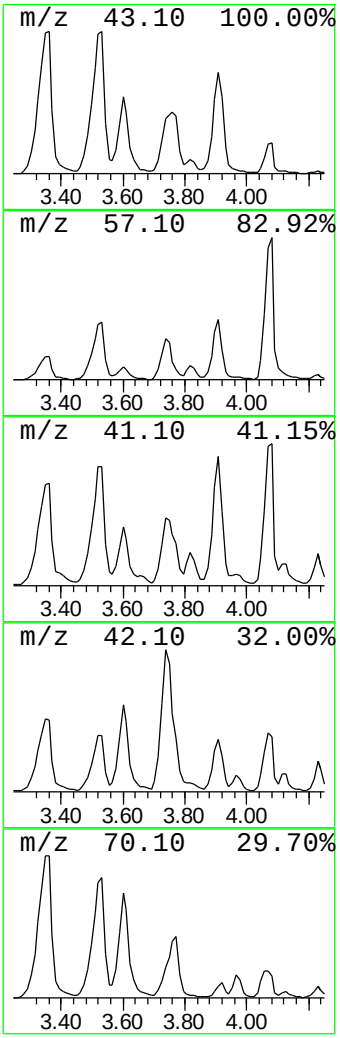
****

Peak Number 3 Heptane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	8.34 ng	3054550	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	78
2	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	59
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	59
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53
5	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082096.D
Acq On : 6 Oct 2015 21:13
Operator : UM/IZ
Sample : G3927-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-28(7-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

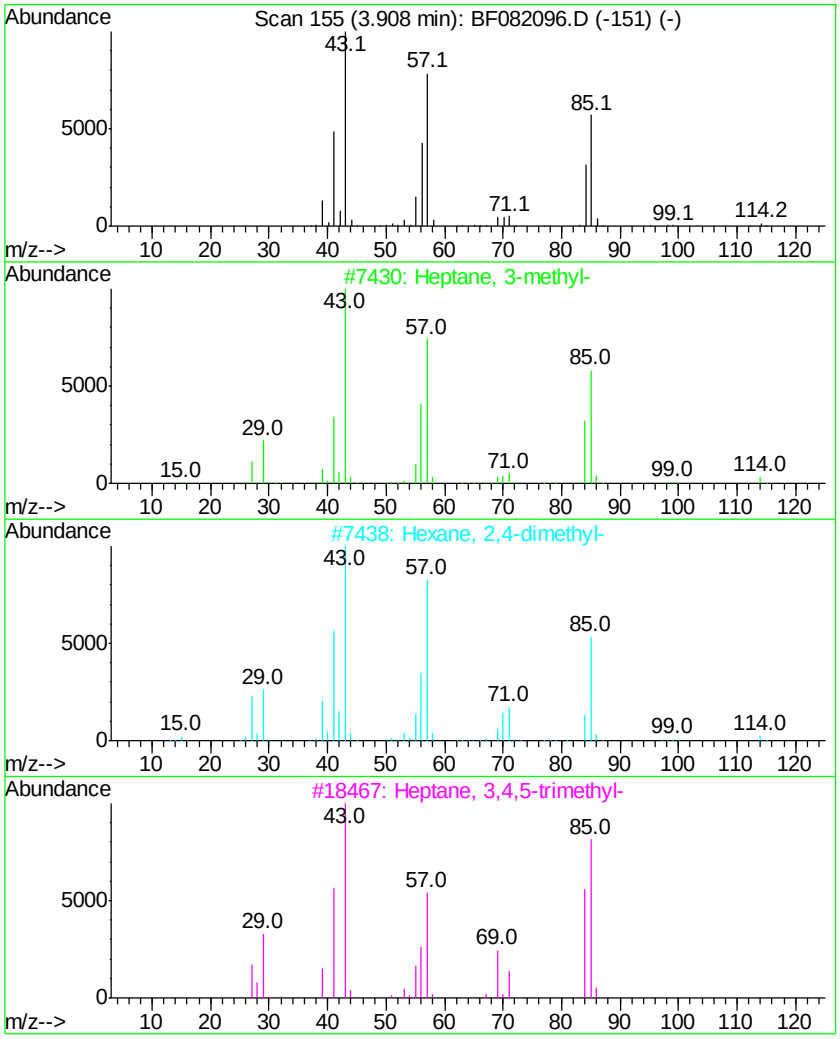
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

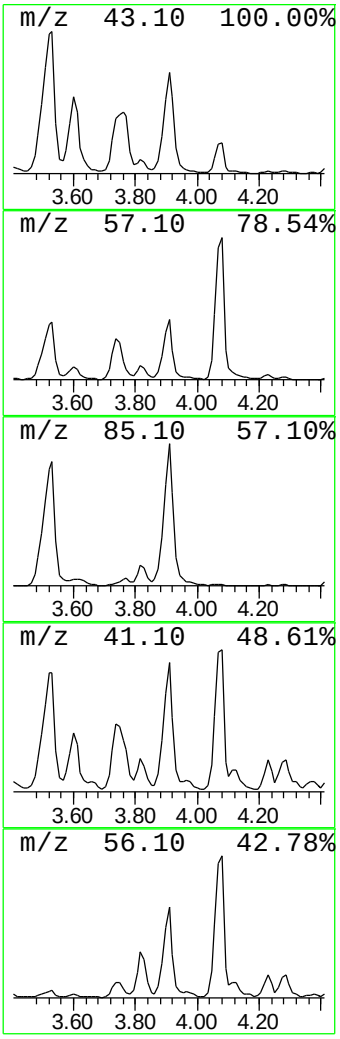
****

Peak Number 4 Heptane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	8.59 ng	3145930	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	58
5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082096.D
Acq On : 6 Oct 2015 21:13
Operator : UM/IZ
Sample : G3927-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-28(7-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

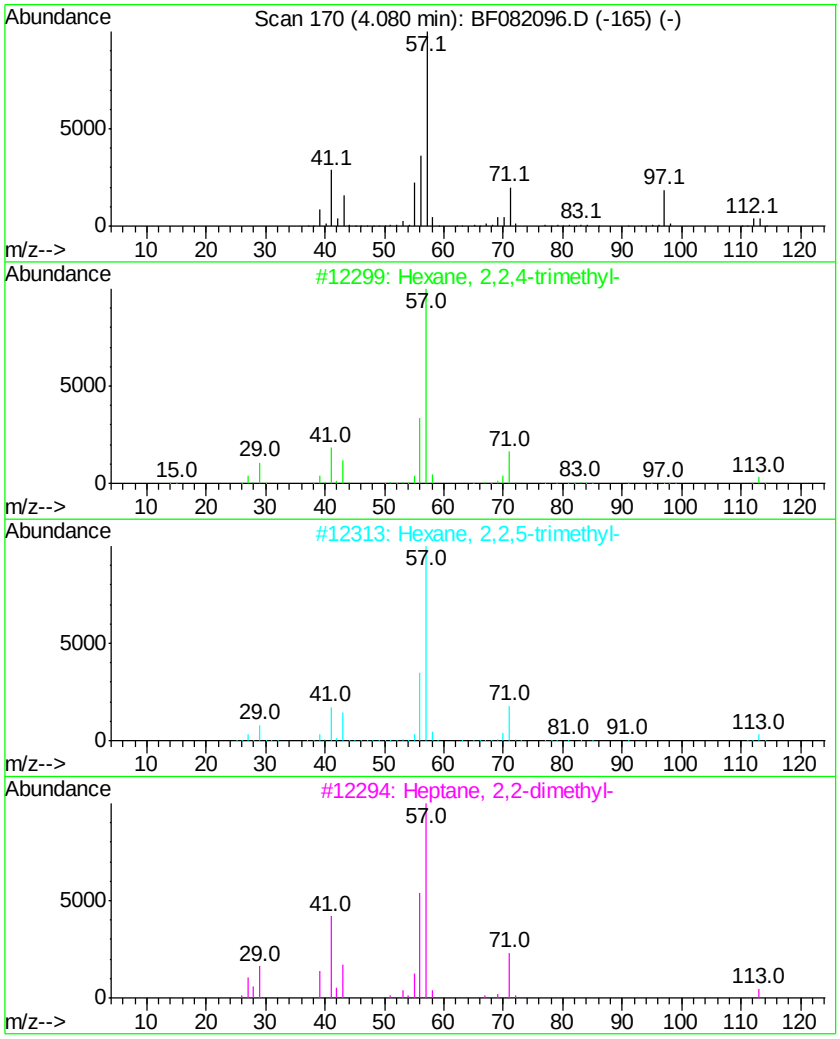
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

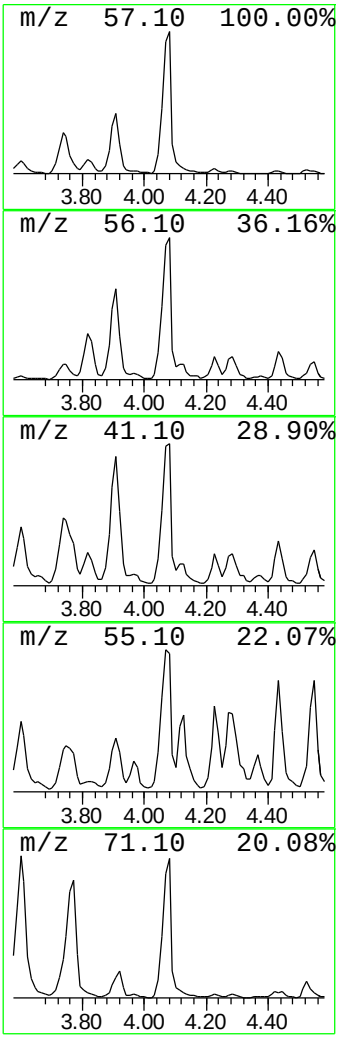
****

Peak Number 5 Hexane, 2,2,4-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.08	11.42 ng	4181190	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082096.D
Acq On : 6 Oct 2015 21:13
Operator : UM/IZ
Sample : G3927-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-28(7-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

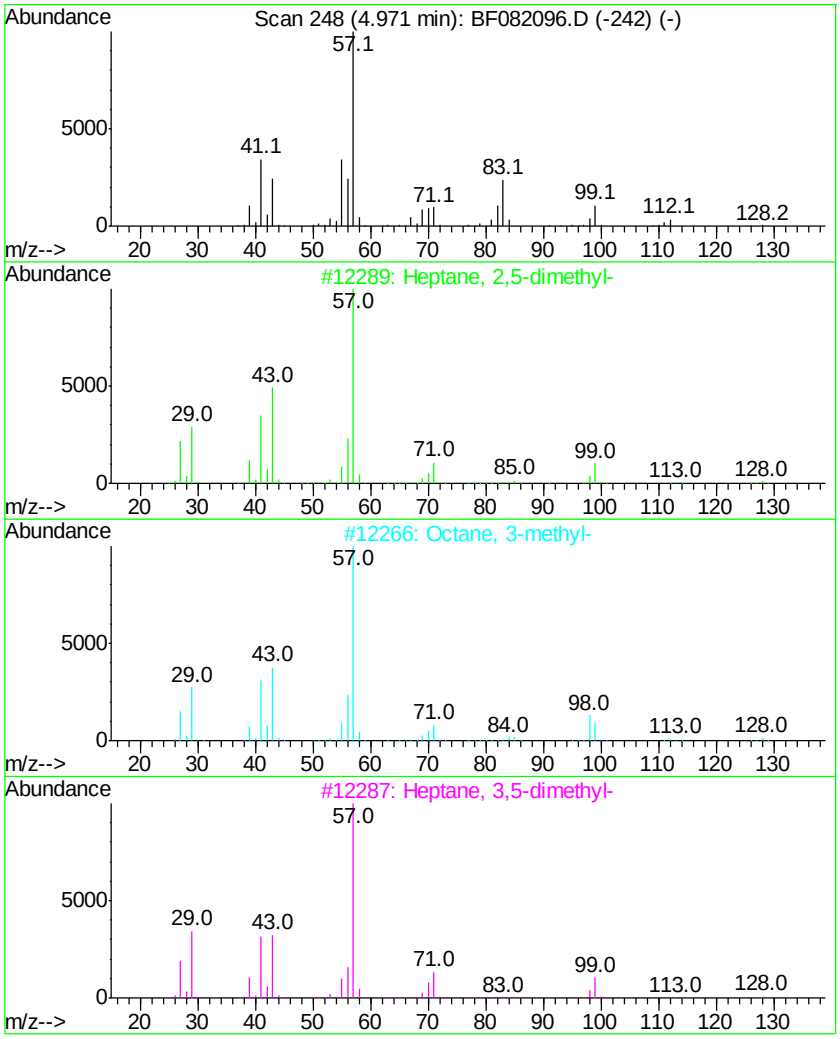
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

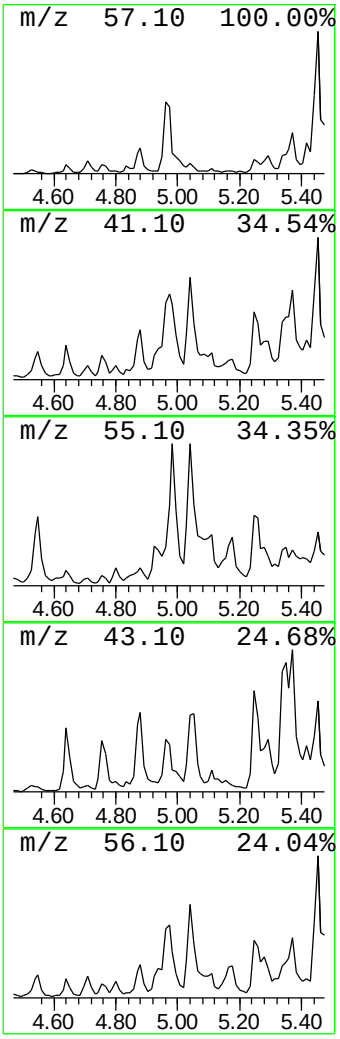
****

Peak Number 6 Heptane, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	11.02 ng	4036380	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	50
2	Octane, 3-methyl-	128	C9H20	002216-33-3	47
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	46
4	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	38
5	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082096.D
Acq On : 6 Oct 2015 21:13
Operator : UM/IZ
Sample : G3927-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-28(7-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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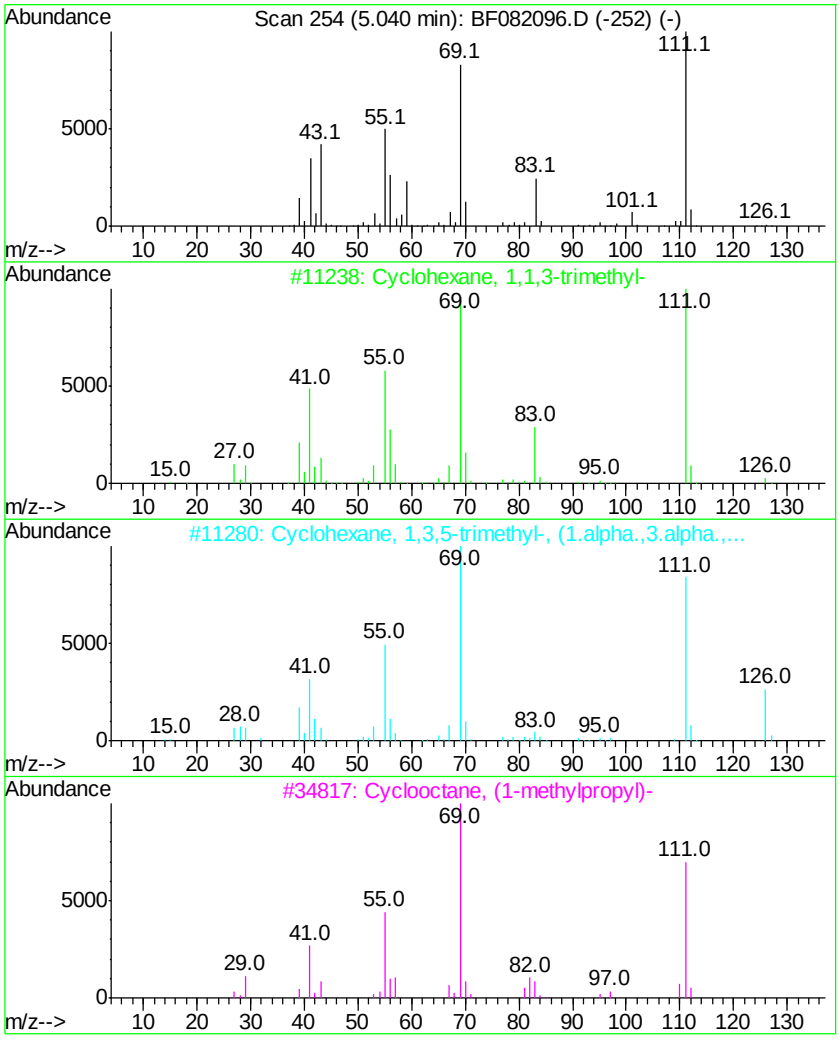
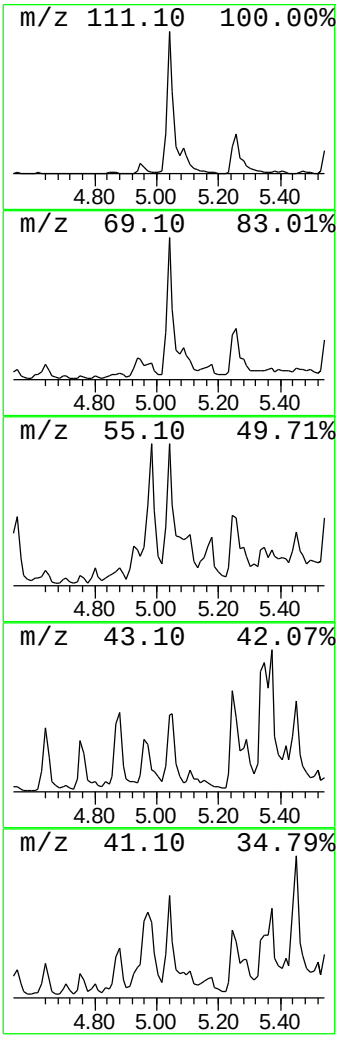
Peak Number 7 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	10.02 ng	3668600	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	59
3	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	50
4	Cyclooctane, butyl-	168	C12H24	016538-93-5	50
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	50





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Operator : UM/IZ
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Misc :
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ClientSampleId : OS-SB-28(7-9)

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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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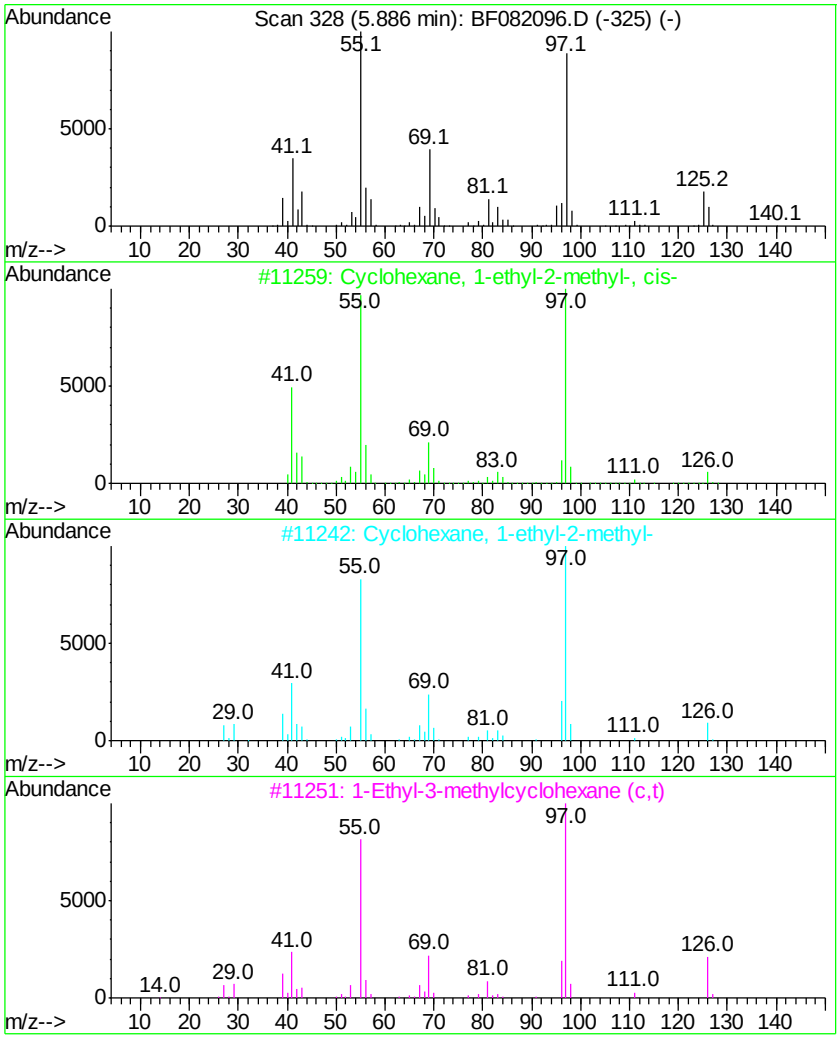
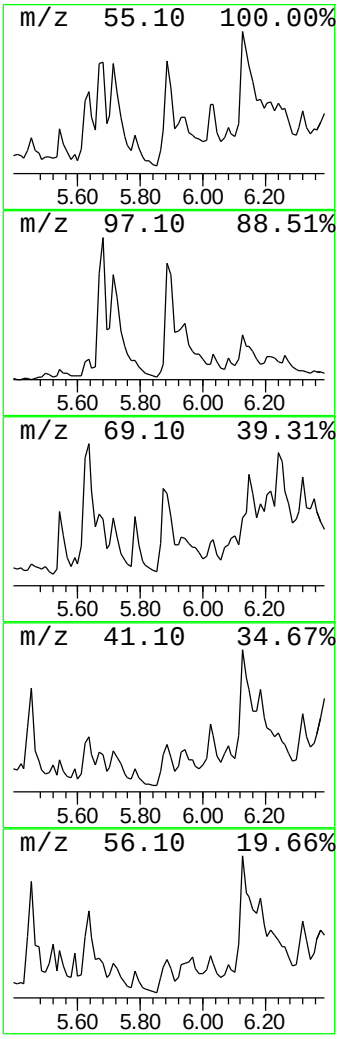
Peak Number 8 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	8.10 ng	2964920	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	87
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	76
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	59
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	59
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	58





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ClientSampleId : OS-SB-28(7-9)

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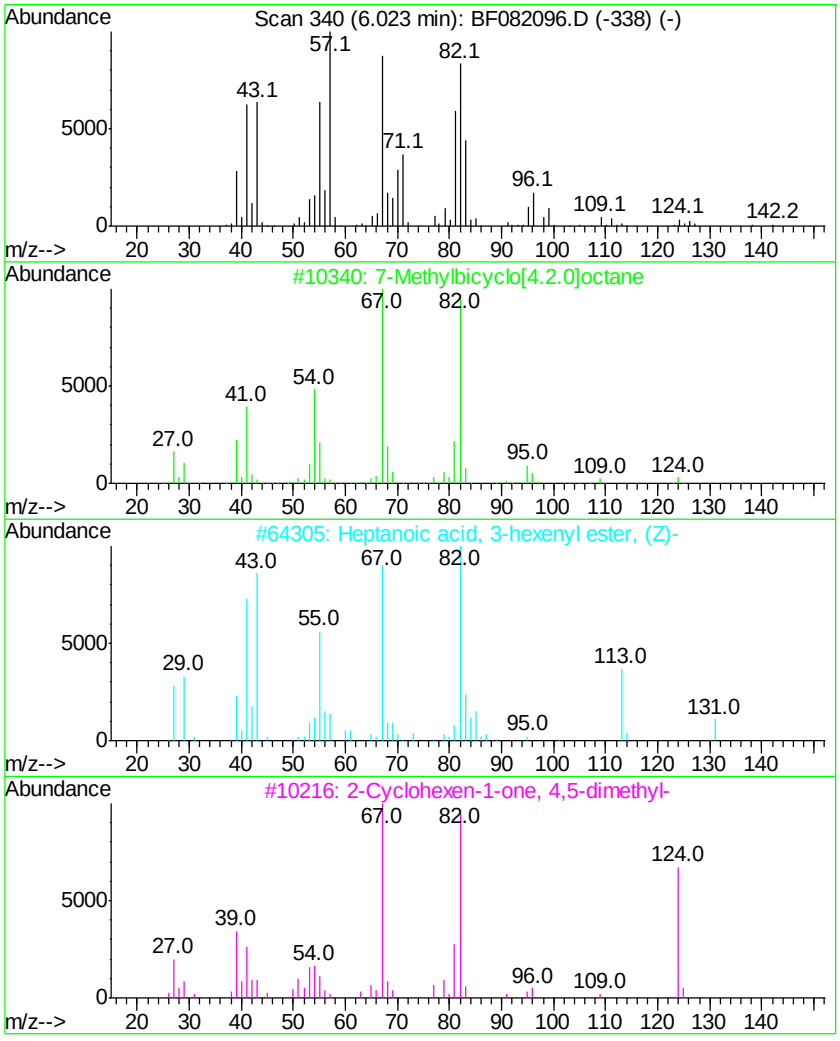
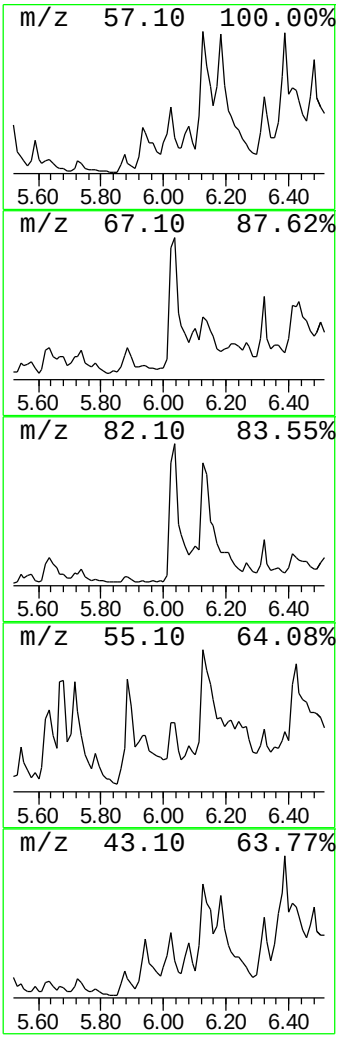
Peak Number 9 7-Methylbicyclo[4.2.0]octane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	7.82 ng	2863090	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	53
2	Heptanoic acid, 3-hexenyl ester,...	212	C13H24O2	061444-39-1	50
3	2-Cyclohexen-1-one, 4,5-dimethyl-	124	C8H12O	005715-25-3	47
4	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	43
5	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	43





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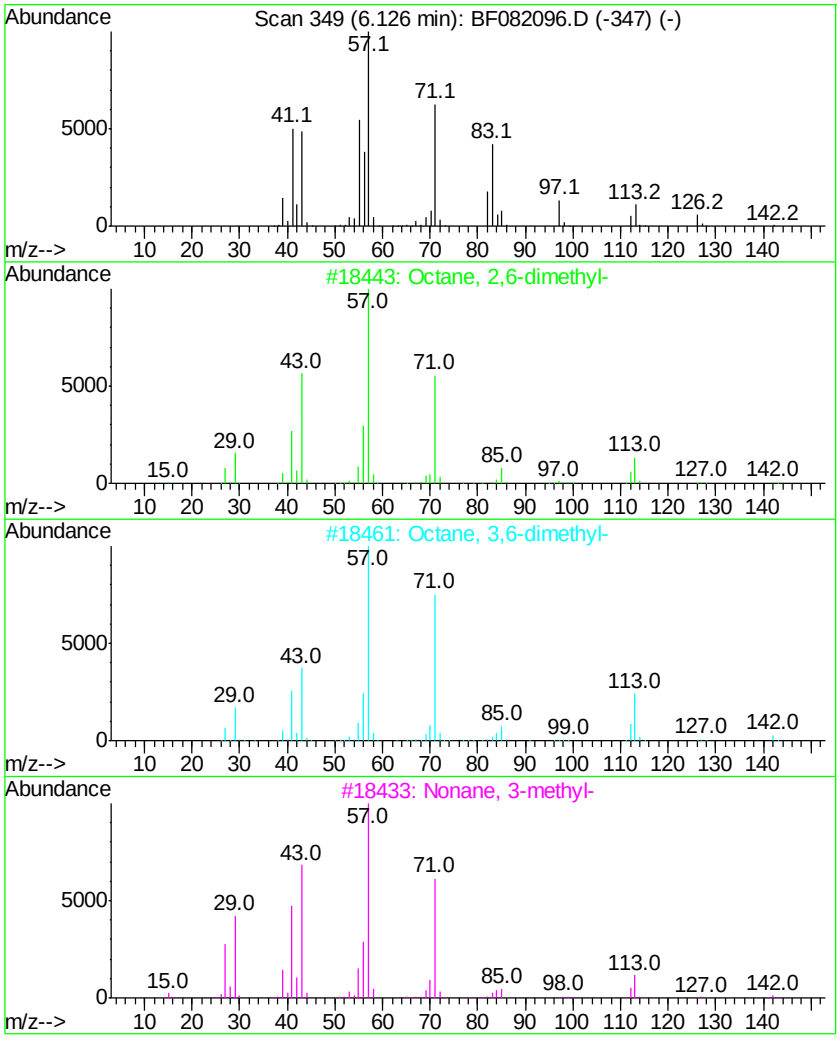
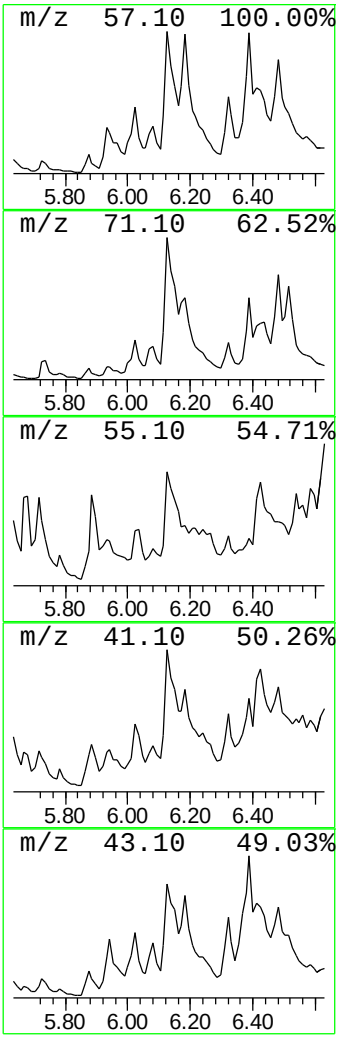
Peak Number 10 Octane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	17.56 ng	6431460	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	50
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	47
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	43





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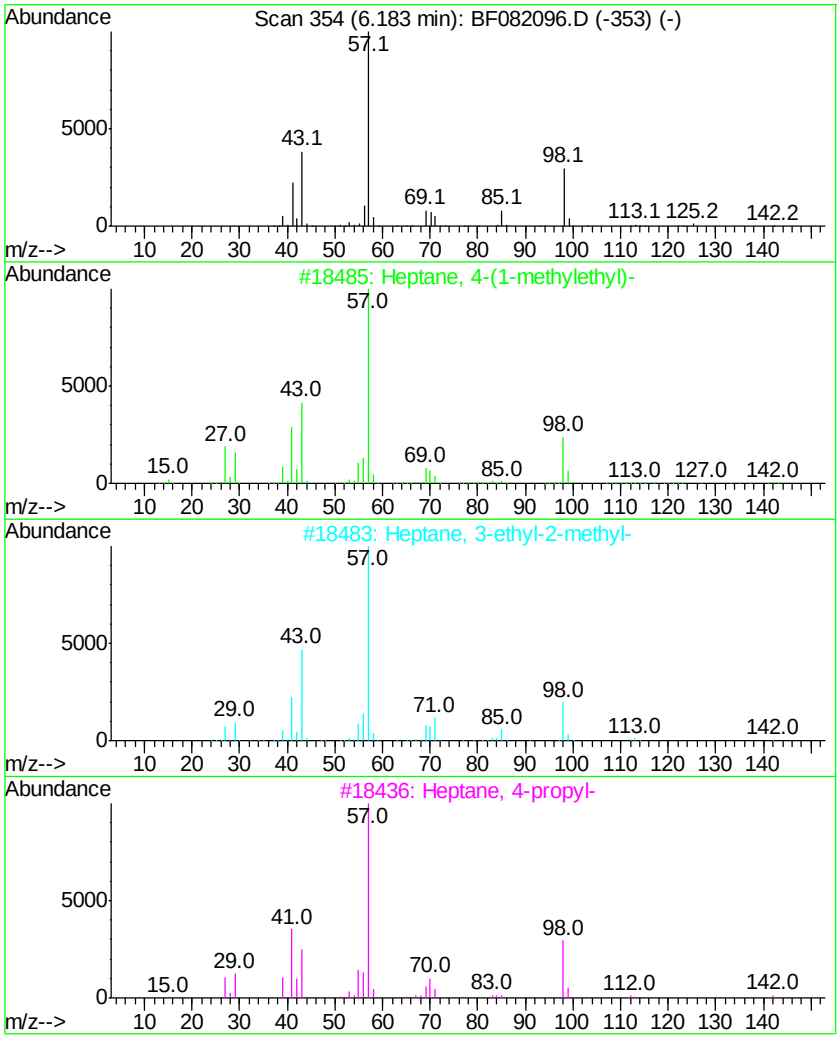
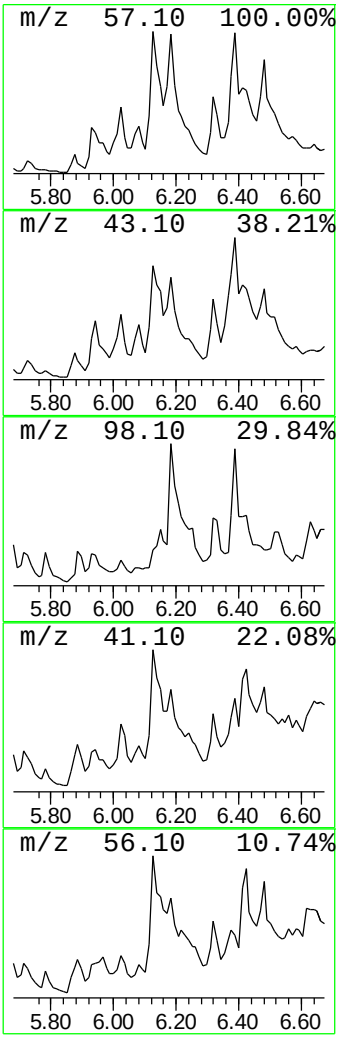
Peak Number 11 Heptane, 4-(1-methylethyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	14.89 ng	5453350	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	72
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3	Heptane, 4-propyl-	142	C10H22	003178-29-8	56
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	50
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47





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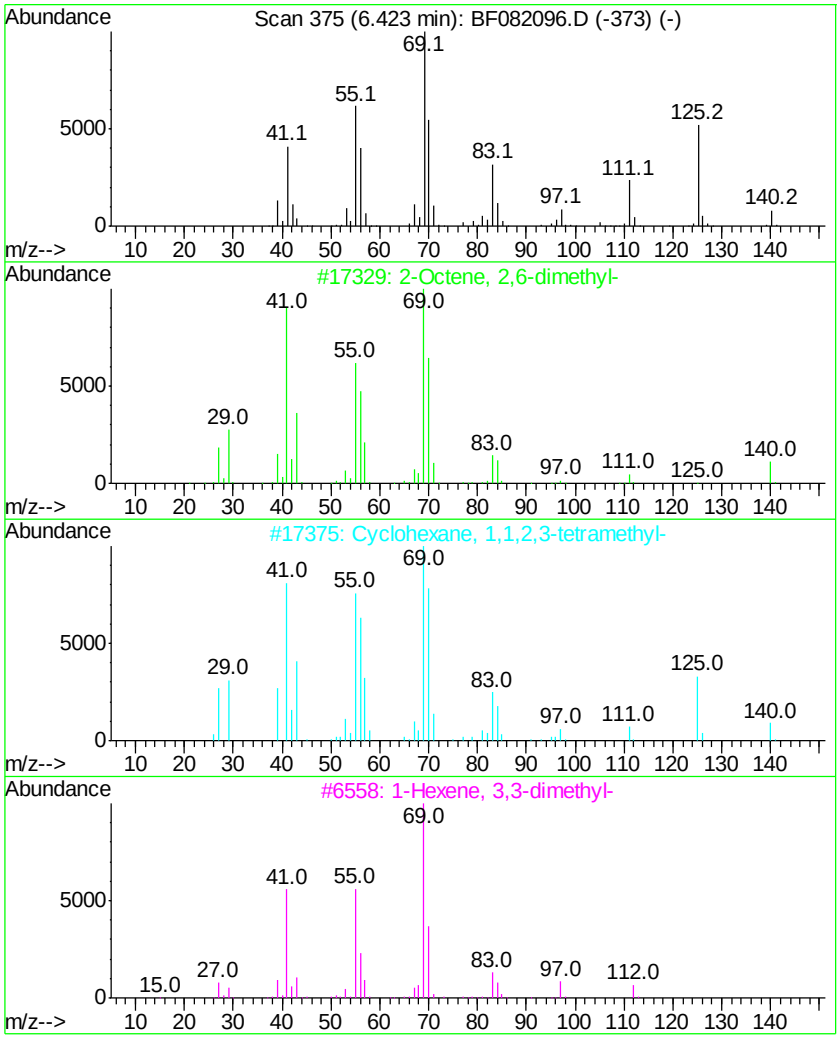
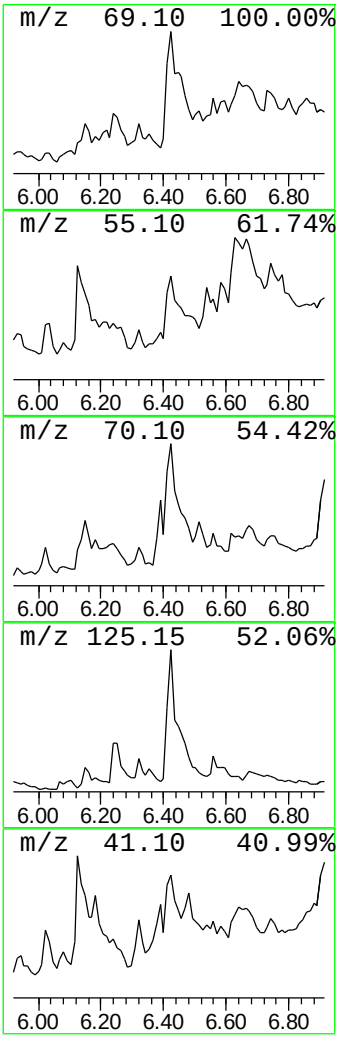
Peak Number 12 2-Octene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	9.68 ng	3543070	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	70
2	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	49
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49
4	3,4-Diethyl-3-hexene	140	C10H20	000868-46-2	46
5	2,5-Dimethyl-3-hexene	112	C8H16	1000118-16-2	43





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TIC Integration Parameters: LSCINT.P

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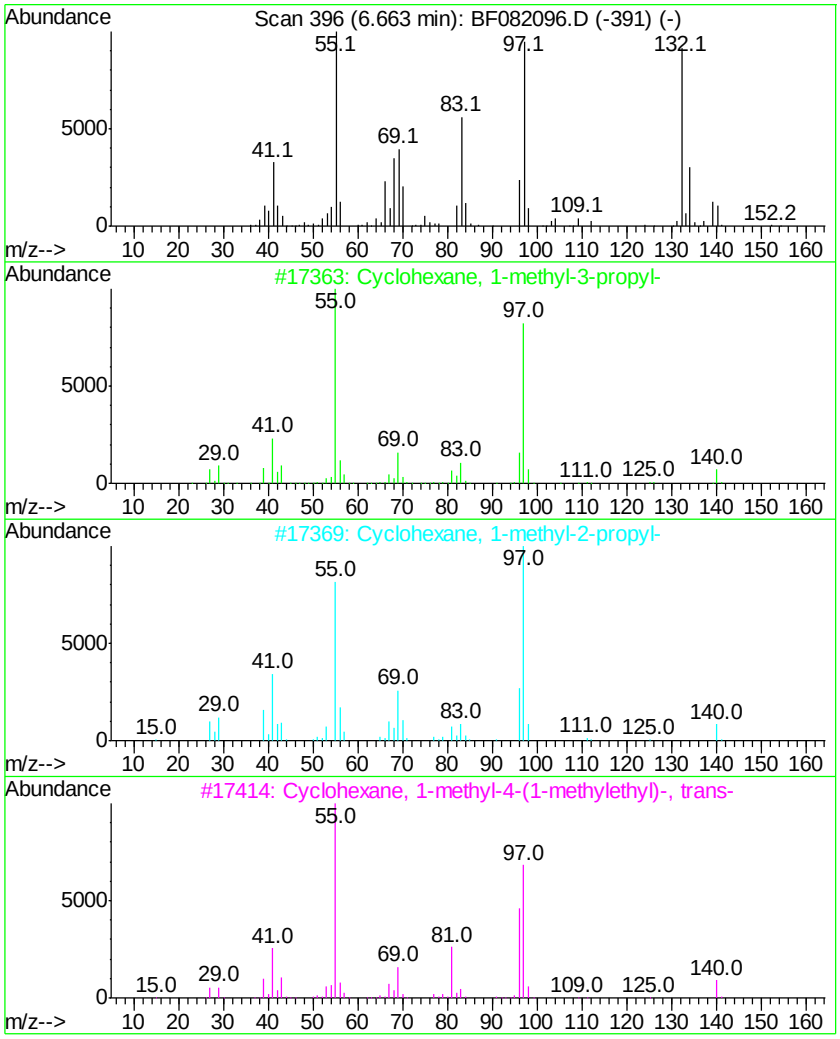
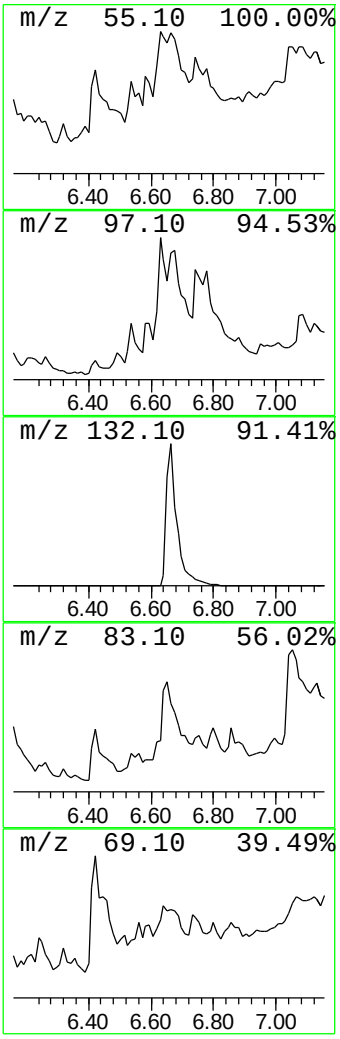
Peak Number 13 Cyclohexane, 1-methyl-3-pro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	14.67 ng	5370390	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	25
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	22
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	18
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	18
5	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	18





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Instrument : BNA_F
ClientSampleId : OS-SB-28(7-9)

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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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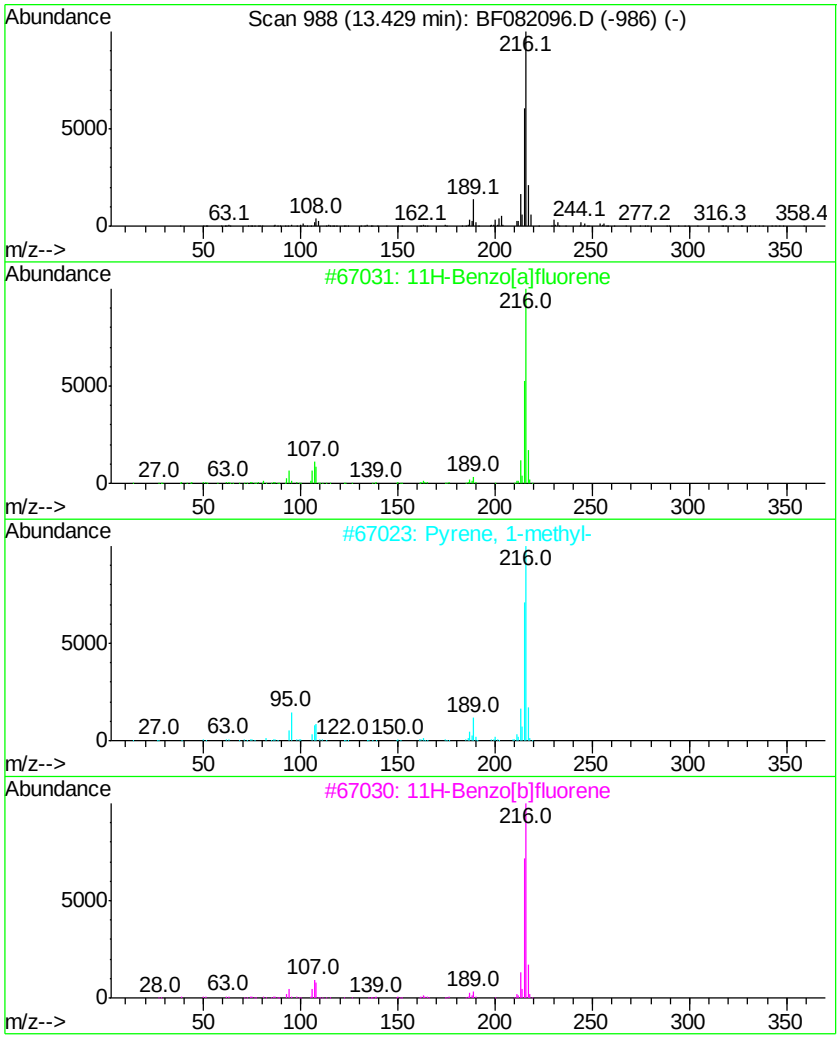
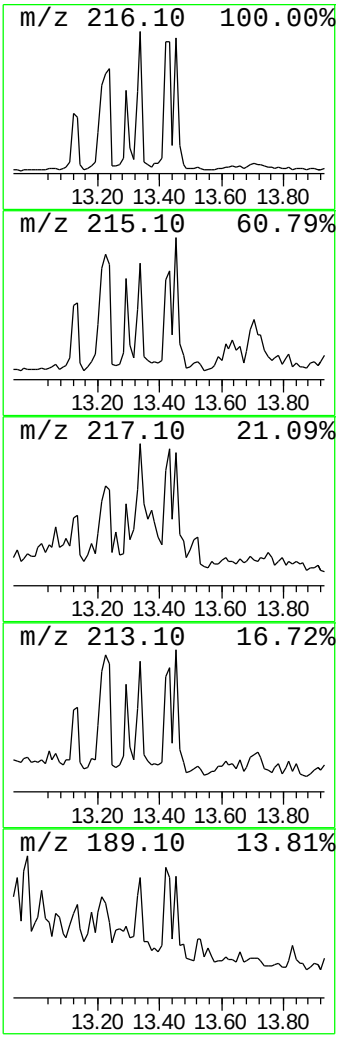
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	22.25 ng	637578	Chrysene-d12	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	81





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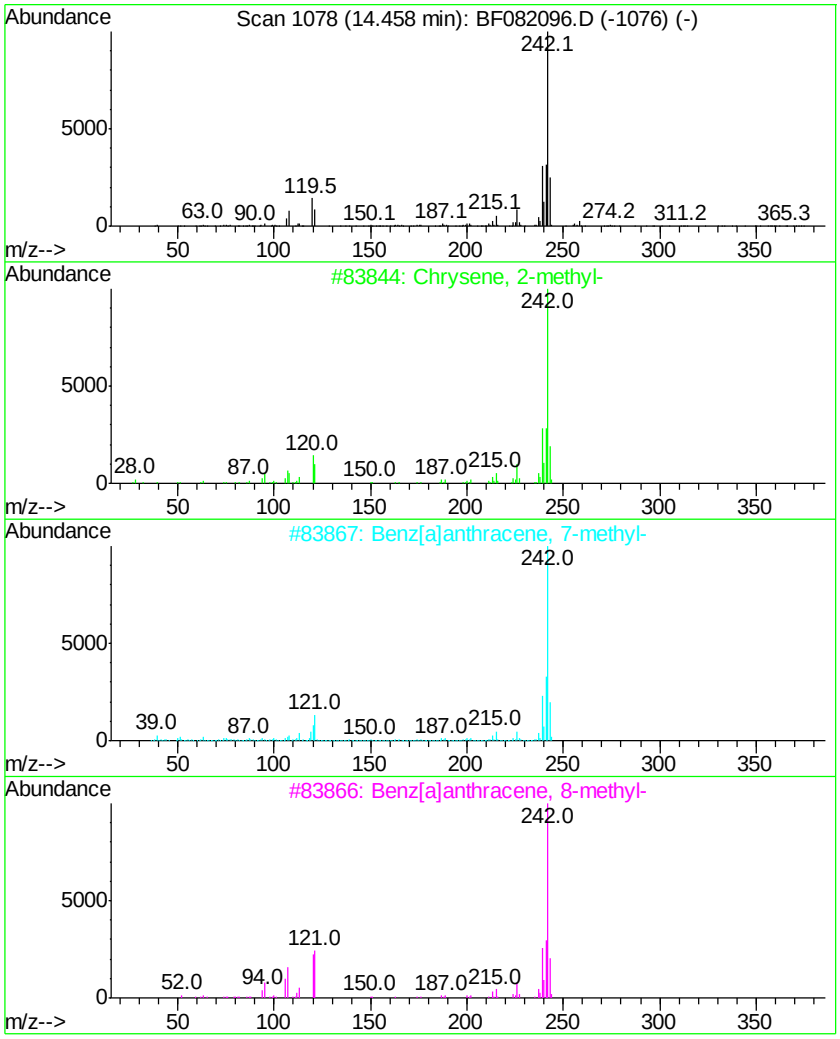
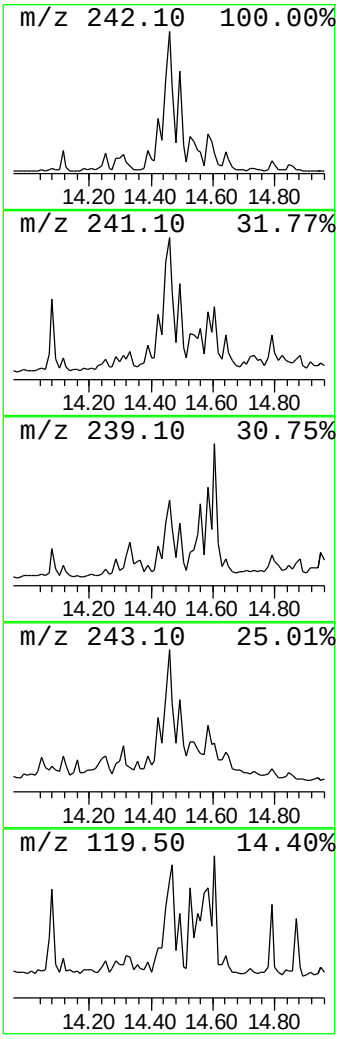
Peak Number 15 Chrysene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	20.00 ng	573118	Chrysene-d12	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 2-methyl-	242	C19H14	003351-32-4	92
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
4	Chrysene, 6-methyl-	242	C19H14	003697-24-3	89
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	87





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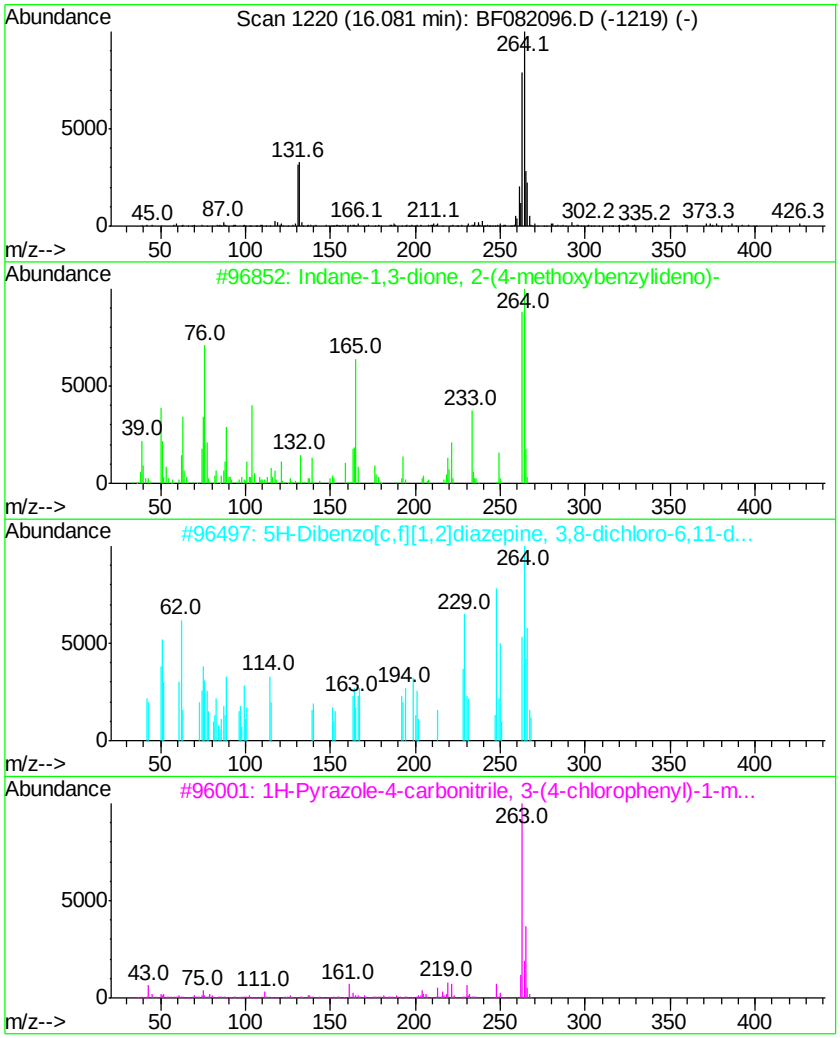
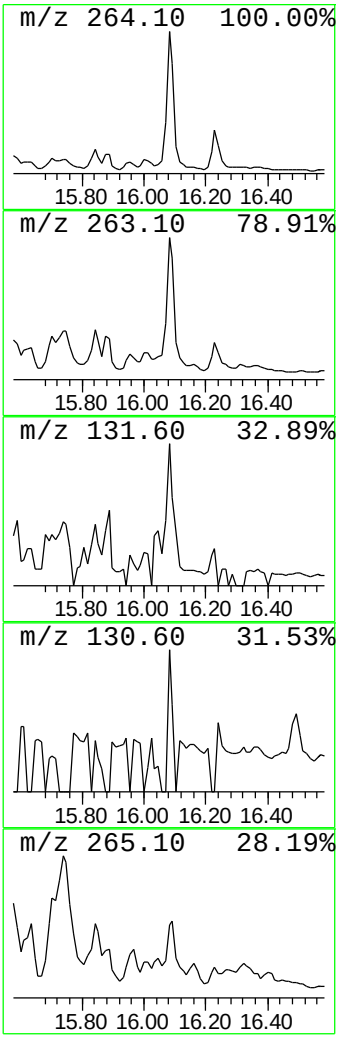
Peak Number 18 unknown16.08 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	13.26 ng	210585	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane-1,3-dione, 2-(4-methoxybe...	264	C17H12O3	007421-76-3	38
2	5H-Dibenzo[c,f][1,2]diazepine, 3...	264	C13H10Cl2N2	000955-66-8	37
3	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	35
4	Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	32
5	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	006900-92-1	25





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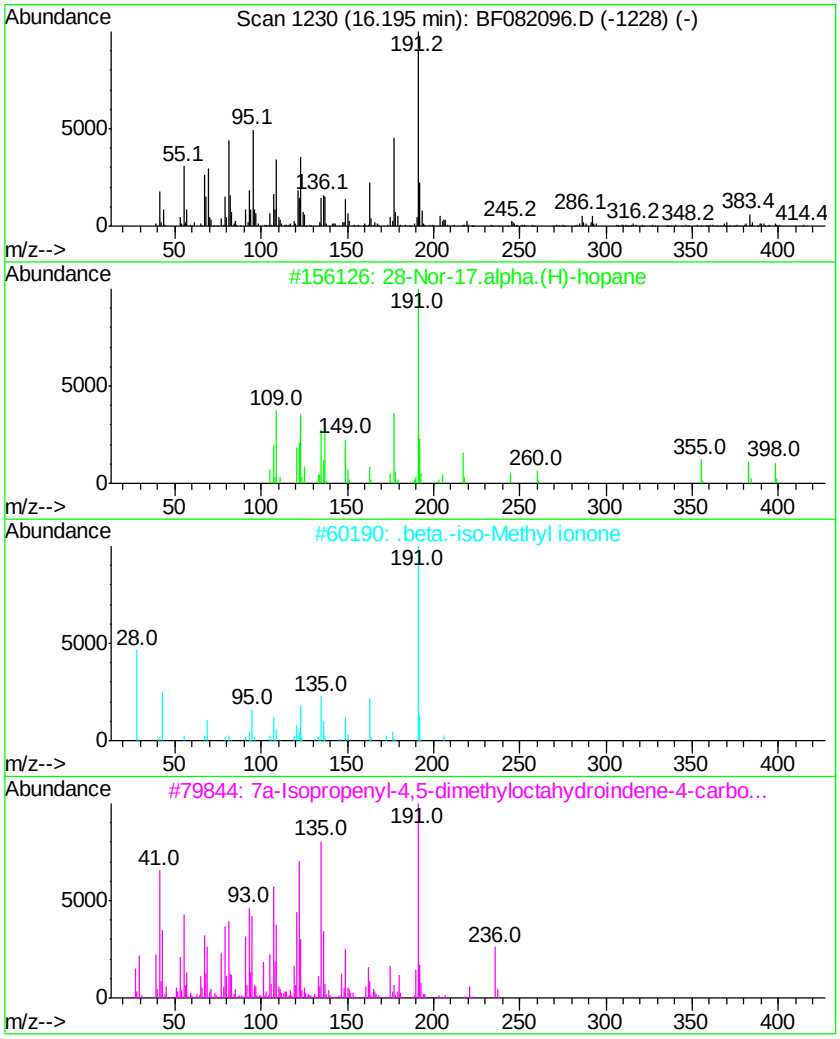
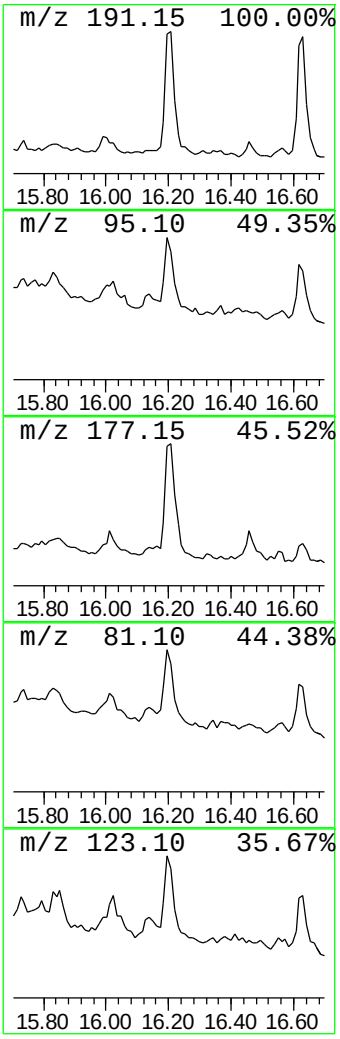
Peak Number 19 28-Nor-17.alpha.(H)-hopane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	28.72 ng	456158	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	83
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	70
3	7a-Isopropenyl-4,5-dimethyloctah...	236	C15H24O2	1000192-14-7	42
4	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	42
5	Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	40





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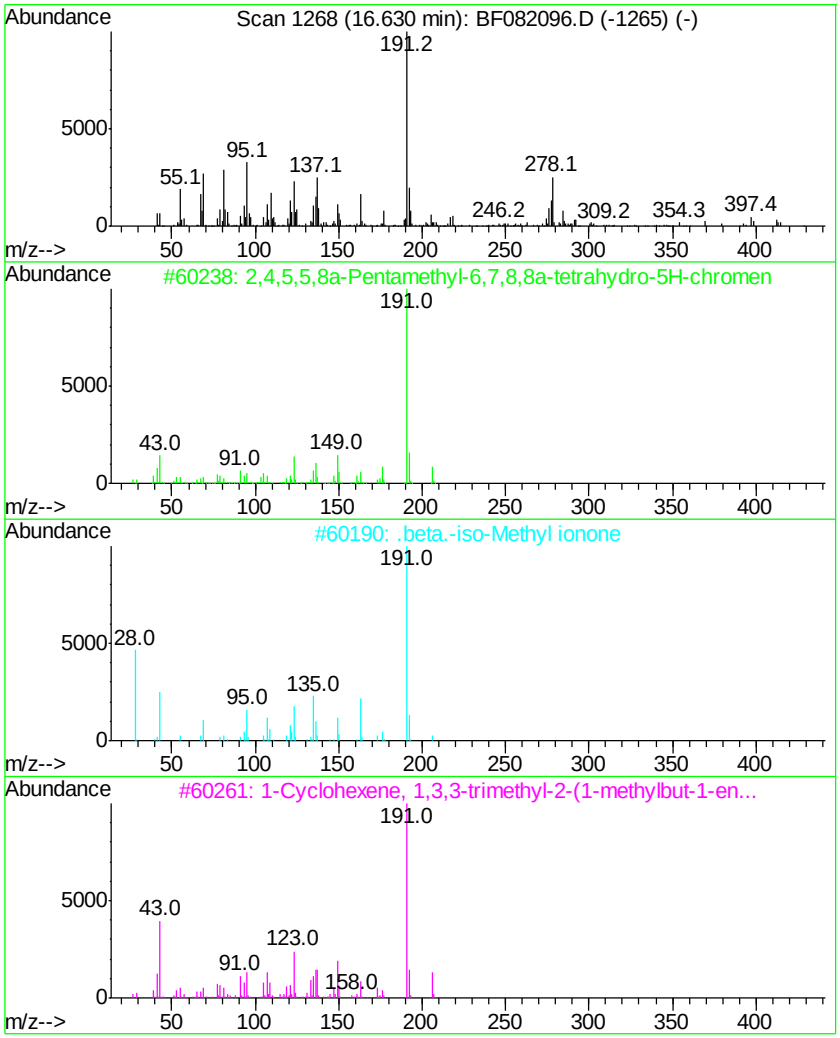
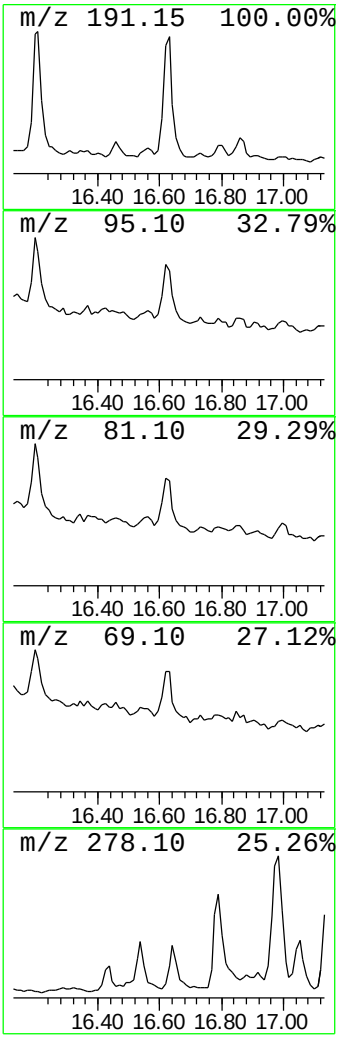
Peak Number 20 unknown16.63 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	20.39 ng	323868	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	43
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
4	Spiro[4-oxatricyclo[5.3.0.0(2,6)...	276	C18H28O2	1000156-82-9	38
5	3-Buten-2-one, 4-(2,5,6,6-tetram...	206	C14H22O	000079-70-9	37





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100615\
Data File : BF082096.D
Acq On : 6 Oct 2015 21:13
Operator : UM/IZ
Sample : G3927-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OS-SB-28(7-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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
Pentane, 2,3,4-tr...	3.36	15.5	ng	5673090	1	6.89	7323280	20.0
Pentane, 2,3,3-tr...	3.53	15.3	ng	5595230	1	6.89	7323280	20.0
Heptane, 2-methyl-	3.75	8.3	ng	3054550	1	6.89	7323280	20.0
Heptane, 3-methyl-	3.91	8.6	ng	3145930	1	6.89	7323280	20.0
Hexane, 2,2,4-tri...	4.08	11.4	ng	4181190	1	6.89	7323280	20.0
Heptane, 2,5-dime...	4.97	11.0	ng	4036380	1	6.89	7323280	20.0
Cyclohexane, 1,1,...	5.04	10.0	ng	3668600	1	6.89	7323280	20.0
Cyclohexane, 1-et...	5.89	8.1	ng	2964920	1	6.89	7323280	20.0
7-Methylbicyclo[4...	6.02	7.8	ng	2863090	1	6.89	7323280	20.0
Octane, 2,6-dimet...	6.13	17.6	ng	6431460	1	6.89	7323280	20.0
Heptane, 4-(1-met...	6.18	14.9	ng	5453350	1	6.89	7323280	20.0
2-Octene, 2,6-dim...	6.42	9.7	ng	3543070	1	6.89	7323280	20.0
Cyclohexane, 1-me...	6.66	14.7	ng	5370390	1	6.89	7323280	20.0
11H-Benzo[a]fluorene	13.43	22.3	ng	637578	5	14.29	573118	20.0
Chrysene, 2-methyl-	14.46	20.0	ng	573118	5	14.29	573118	20.0
unknown16.08	16.08	13.3	ng	210585	6	15.53	317699	20.0
28-Nor-17.alpha.(...	16.20	28.7	ng	456158	6	15.53	317699	20.0
unknown16.63	16.63	20.4	ng	323868	6	15.53	317699	20.0