LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091888.D
Acq On : 22 Dec 2016 16:14
Operator : UM/SJ
Sample : H6182-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-52(0-1)-121916

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-BF122116.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	2.612	37	46	49	rBV	587062	1456376	6.78%	0.459%
2	2.692	49	53	55	rVV	174028	396905	1.85%	0.125%
3	2.738	55	57	60	rVB	242102	391934	1.82%	0.124%
4	2.955	67	76	83	rVB2	190662	718799	3.35%	0.227%
5	3.138	88	92	101	rVB2	224203	591536	2.75%	0.186%
6	3.401	109	115	123	rVB	402599	1264360	5.88%	0.399%
7	3.550	124	128	131	rBV	99649	229199	1.07%	0.072%
8	3.641	132	136	140	rBV	243078	507376	2.36%	0.160%
9	3.744	140	145	148	rBV	533075	1151773	5.36%	0.363%
10	3.904	153	159	162	rBV	2171459	4795558	22.32%	1.512%
11	3.961	162	164	169	rVB	1061308	1666110	7.75%	0.525%
12	4.075	169	174	176	rBV2	658241	1480771	6.89%	0.467%
13	4.133	176	179	183	rVB	890965	1756525	8.17%	0.554%
14	4.281	188	192	198	rBV2	1870757	3681501	17.13%	1.160%
15	4.396	198	202	206	rVB	1237149	1918953	8.93%	0.605%
16	4.476	206	209	210	rBV	177591	375524	1.75%	0.118%
17	4.498	210	211	214	rVB2	368745	538581	2.51%	0.170%
18	4.578	214	218	220	rBV2	668386	1139186	5.30%	0.359%
19	4.624	220	222	224	rBV	1051996	1545838	7.19%	0.487%
20	4.658	224	225	228	rVB2	311572	432962	2.01%	0.136%
21	4.750	228	233	235	rBV	4024893	7457034	34.70%	2.350%
22	4.841	238	241	245	rBV2	6450142	12564322	58.47%	3.960%
23	4.910	245	247	250	rBV2	6314297	9069368	42.21%	2.859%
24	5.047	257	259	263	rVB2	1508296	2200995	10.24%	0.694%
25	5.127	263	266	268	rBV	6683876	12279841	57.15%	3.871%
26	5.253	276	277	278	rBV	358445	385036	1.79%	0.121%
27	5.298	278	281	283	rBV	1609194	2455654	11.43%	0.774%
28	5.333	283	284	286	rVB	753519	607529	2.83%	0.191%
29	5.413	288	291	294	rBV	6159369	10921857	50.83%	3.443%
30	5.504	296	299	301	rBV	5079727	9597860	44.67%	3.025%
31	5.550	301	303	305	rBV	3918813	4849625	22.57%	1.529%
32	5.596	305	307	311	rVB2	5061077	10079978	46.91%	3.177%
33	5.664	311	313	318	rVB	2518213	4938039	22.98%	1.556%
34	5.767	318	322	324	rBV2	7183194	16562860	77.08%	5.221%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H6182-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-52(0-1)-121916

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	5.813	324	326	331	rBV4	1883772	5257723	24.47%	1.657%
36	5.904	331	334	338	rBV2	6599855	17378702	80.88%	5.478%
37	5.973	338	340	341	rBV	1740544	2568871	11.95%	0.810%
38	6.019	341	344	347	rBV3	7522373	21488042	100.00%	6.773%
39	6.213	358	361	366	rBV3	4805937	14267740	66.40%	4.497%
40	6.304	366	369	374	rBV3	5248401	17877132	83.20%	5.635%
41	6.441	378	381	382	rBV2	1952981	4553896	21.19%	1.435%
42	6.556	385	391	395	rBV5	4142604	21123038	98.30%	6.658%
43	10.488	732	735	737	rVB2	4823733	8817792	41.04%	2.779%
44	10.739	754	757	760	rVB	7213054	11427617	53.18%	3.602%
45	11.185	793	796	798	rVB	4121680	5658584	26.33%	1.784%
46	11.288	803	805	809	rBV3	1285942	2688027	12.51%	0.847%
47	11.573	829	830	832	rVB	1228611	925149	4.31%	0.292%
48	11.608	832	833	836	rVB3	832482	1107666	5.15%	0.349%
49	11.676	836	839	840	rBV	1992042	2512556	11.69%	0.792%
50	11.768	845	847	849	rBV2	1546049	1917077	8.92%	0.604%
51	11.825	850	852	853	rBV2	917302	893480	4.16%	0.282%
52	11.871	853	856	857	rBV2	1833392	2781971	12.95%	0.877%
53	11.973	862	865	868	rBV3	1913422	3801798	17.69%	1.198%
54	12.019	868	869	870	rVV	1537420	1882801	8.76%	0.593%
55	12.065	870	873	876	rVV	4062749	6665078	31.02%	2.101%
56	12.133	876	879	883	rVB4	1615451	3255736	15.15%	1.026%
57	12.225	883	887	889	rBV2	1932449	2849896	13.26%	0.898%
58	12.305	891	894	900	rVV2	3946510	7654138	35.62%	2.413%
59	12.396	900	902	905	rVB2	1176671	1607871	7.48%	0.507%
60	12.533	911	914	915	rVB	1514368	2354330	10.96%	0.742%
61	12.579	917	918	920	rBV	459942	582328	2.71%	0.184%
62	12.831	937	940	941	rBV	2459762	2847939	13.25%	0.898%
63	12.865	941	943	945	rVB	4153538	4657295	21.67%	1.468%
64	12.991	952	954	956	rVB	969307	1440109	6.70%	0.454%
65	13.139	965	967	973	rVB6	276631	549112	2.56%	0.173%
66	13.905	1032	1034	1038	rVB	1351469	1491359	6.94%	0.470%
67	15.311	1155	1157	1161	rVB	1034499	1311397	6.10%	0.413%
68	17.220	1321	1324	1328	rVB3	414902	1054974	4.91%	0.333%

Sum of corrected areas: 317260989

LSC Report - Integrated Chromatogram

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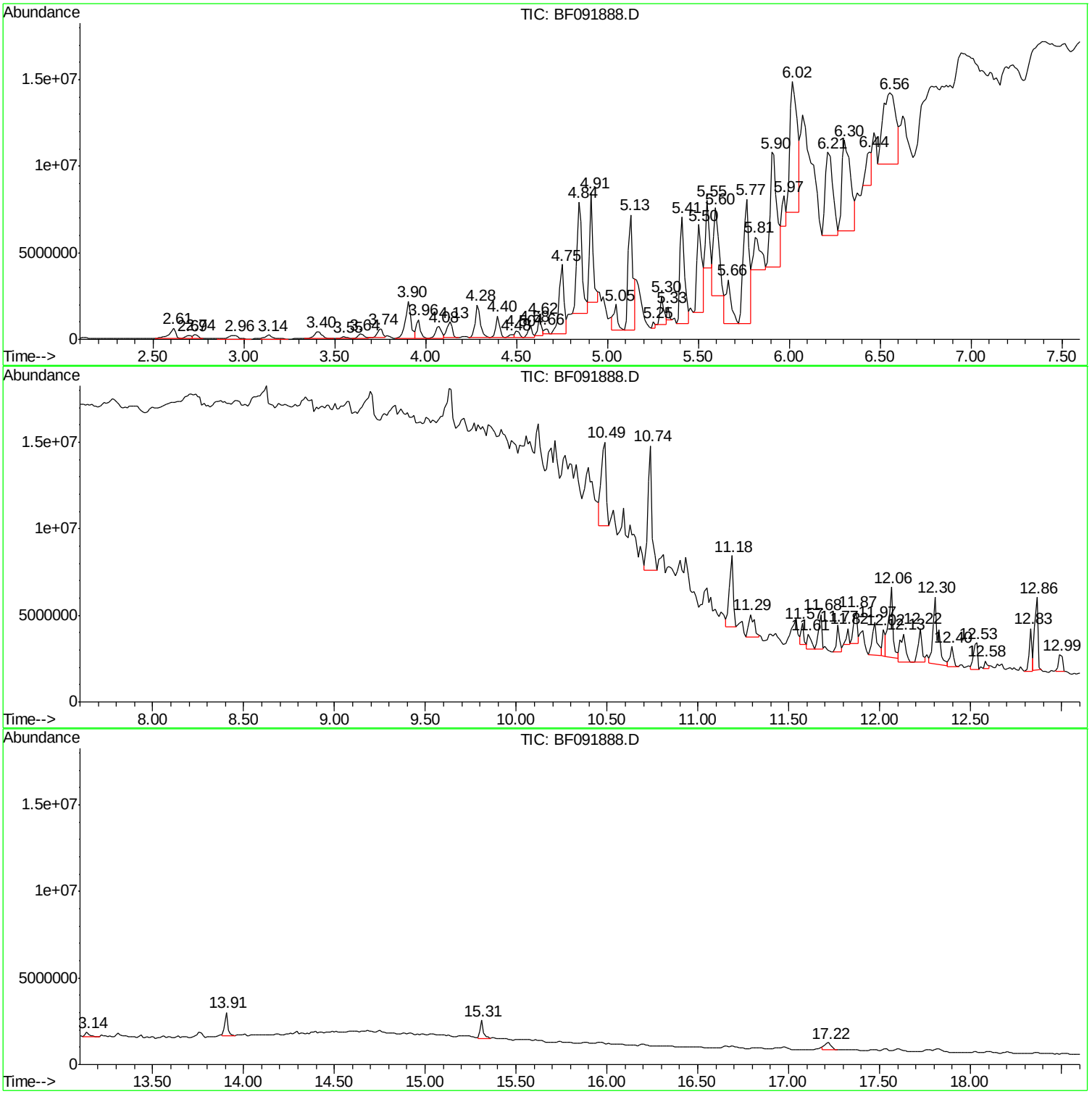
Data File : BF091888.D
Acq On : 22 Dec 2016 16:14
Operator : UM/SJ
Sample : H6182-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-52(0-1)-121916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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\BF122216\
Data File : BF091888.D
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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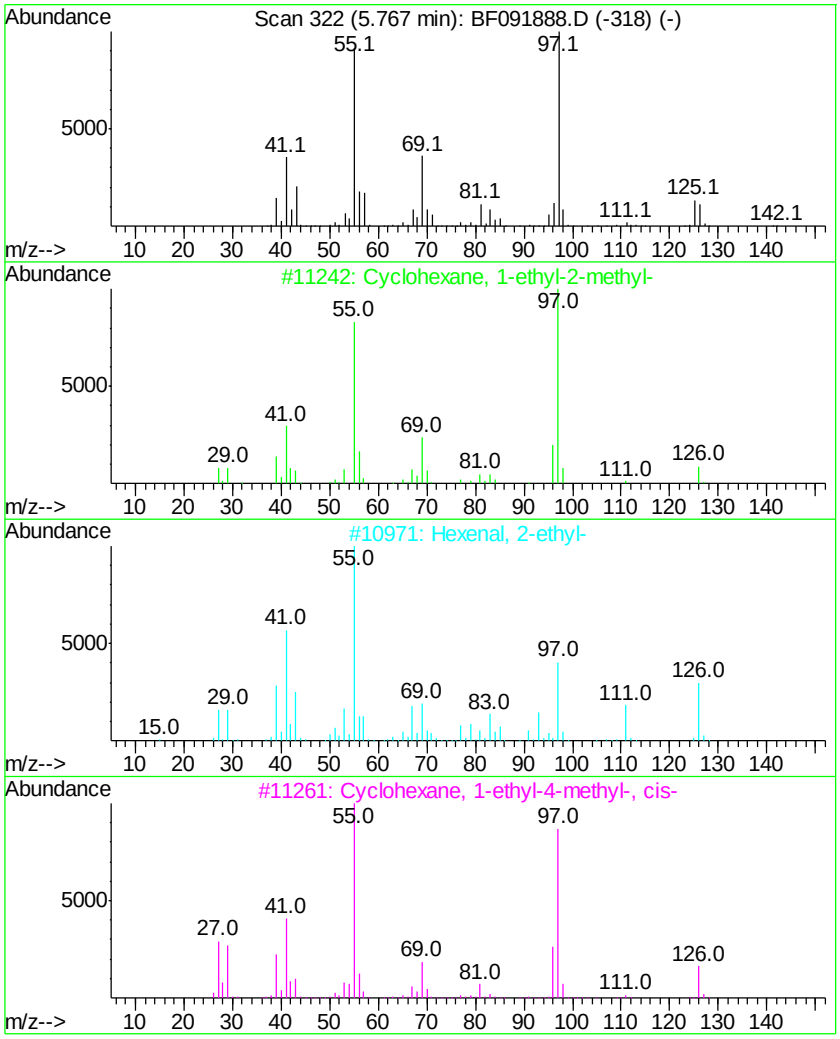
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

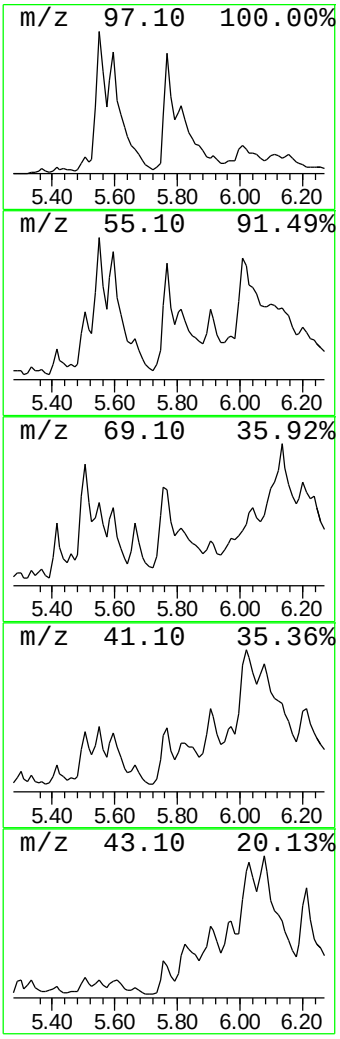
****

Peak Number 1 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	15.68 ng	16562900	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	70
2	Hexenal, 2-ethyl-	126	C8H14O	026266-68-2	64
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	59
5	Cyclohexane, 1-bromo-3-methyl-	176	C7H13Br	013905-48-1	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091888.D
Acq On : 22 Dec 2016 16:14
Operator : UM/SJ
Sample : H6182-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-52(0-1)-121916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

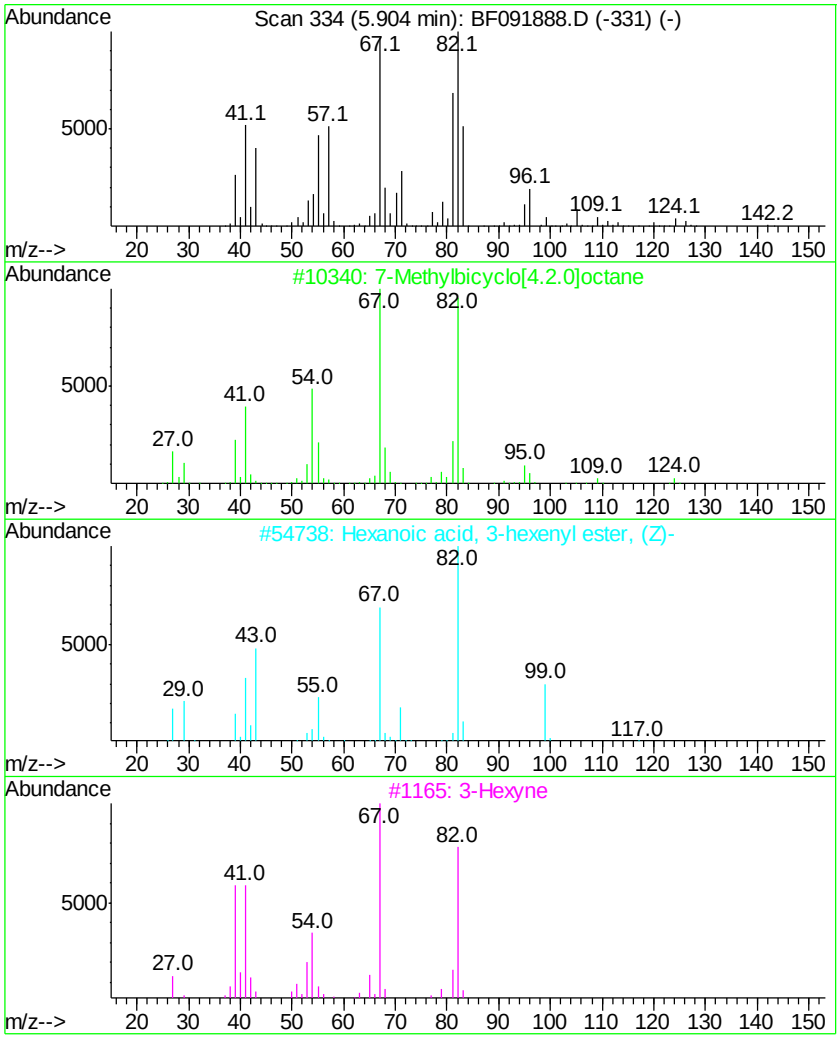
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

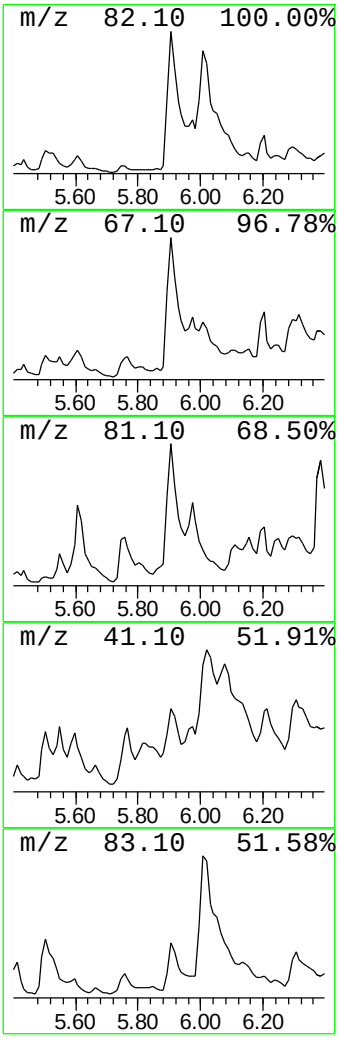
****

Peak Number 2 7-Methylbicyclo[4.2.0]octane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	16.45 ng	17378700	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	62
2	Hexanoic acid, 3-hexenyl ester, ...	198	C12H22O2	031501-11-8	50
3	3-Hexyne	82	C6H10	000928-49-4	47
4	Bicyclo[3.1.0]hexane	82	C6H10	000285-58-5	43
5	3,4-Nonadiene	124	C9H16	037050-03-6	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
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Acq On : 22 Dec 2016 16:14
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Sample : H6182-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-52(0-1)-121916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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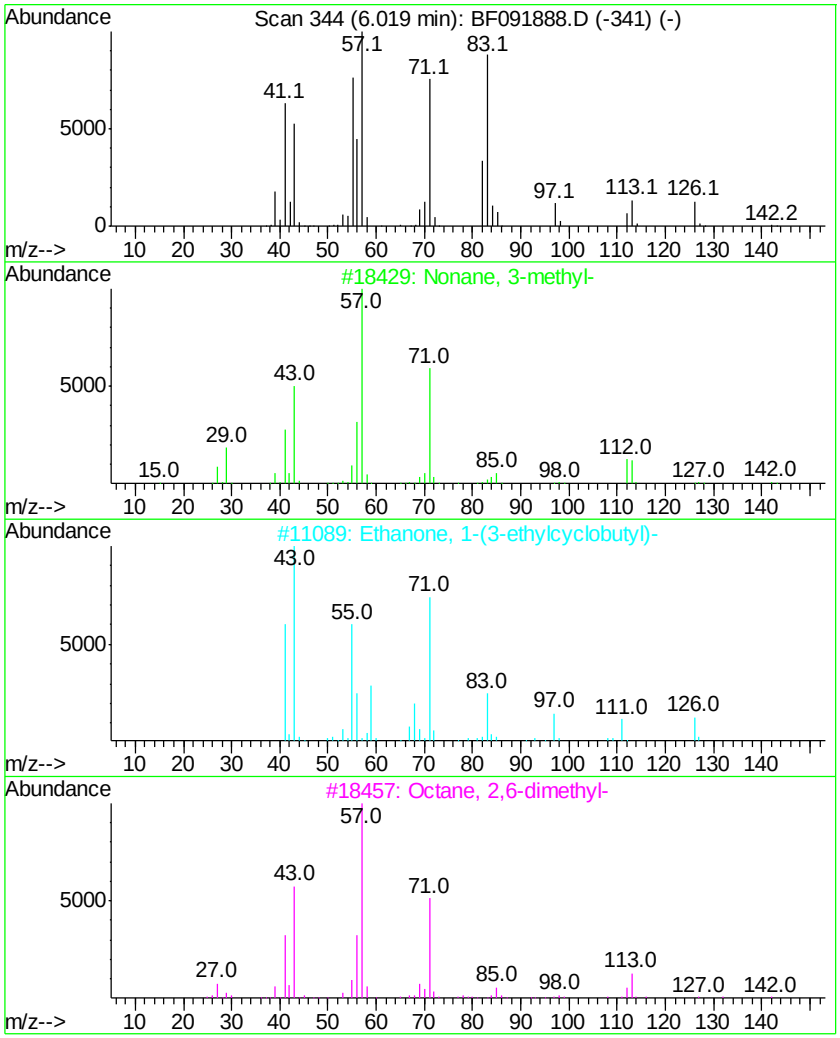
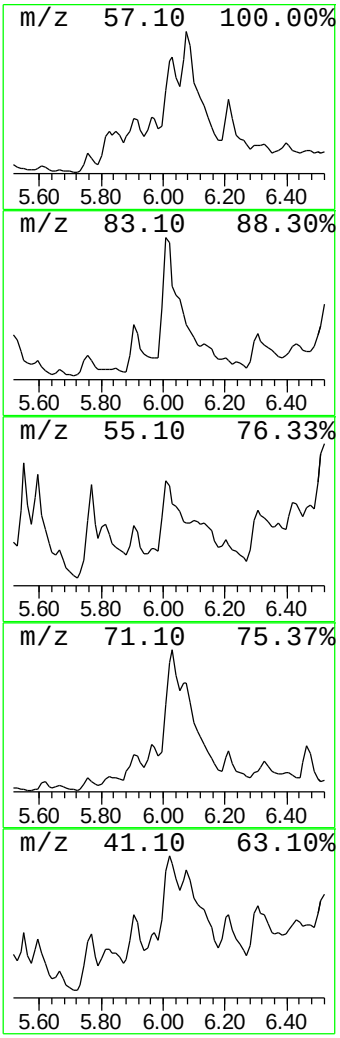
Peak Number 3 unknown6.02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	20.35 ng	21488000	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	45
2	Ethanone, 1-(3-ethylcyclobutyl)-	126	C8H14O	056335-71-8	38
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	38
5	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091888.D
Acq On : 22 Dec 2016 16:14
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Sample : H6182-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-52(0-1)-121916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

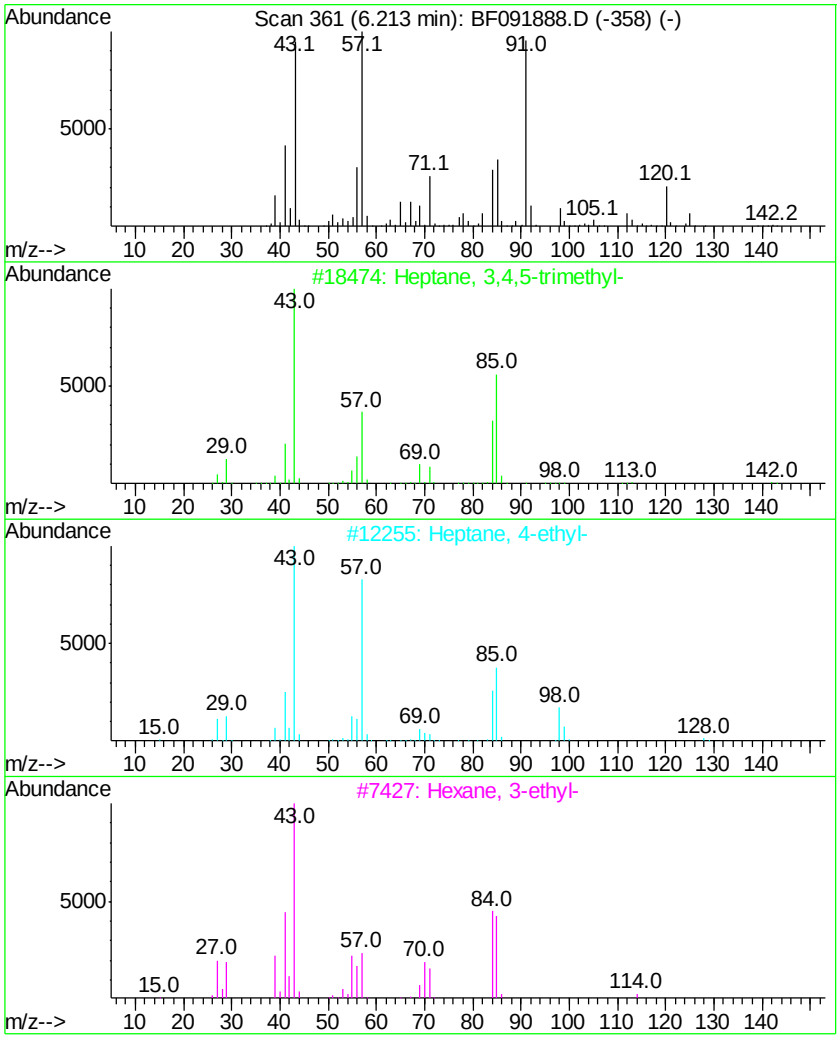
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

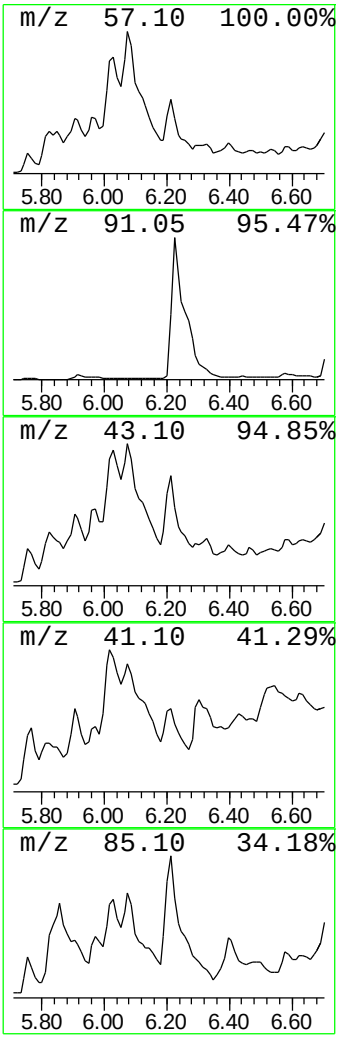
****

Peak Number 4 unknown6.21 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	13.51 ng	14267700	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	47
2	Heptane, 4-ethyl-	128	C9H20	002216-32-2	38
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	38
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
5	Benzene, propyl-	120	C9H12	000103-65-1	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
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Acq On : 22 Dec 2016 16:14
Operator : UM/SJ
Sample : H6182-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-52(0-1)-121916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

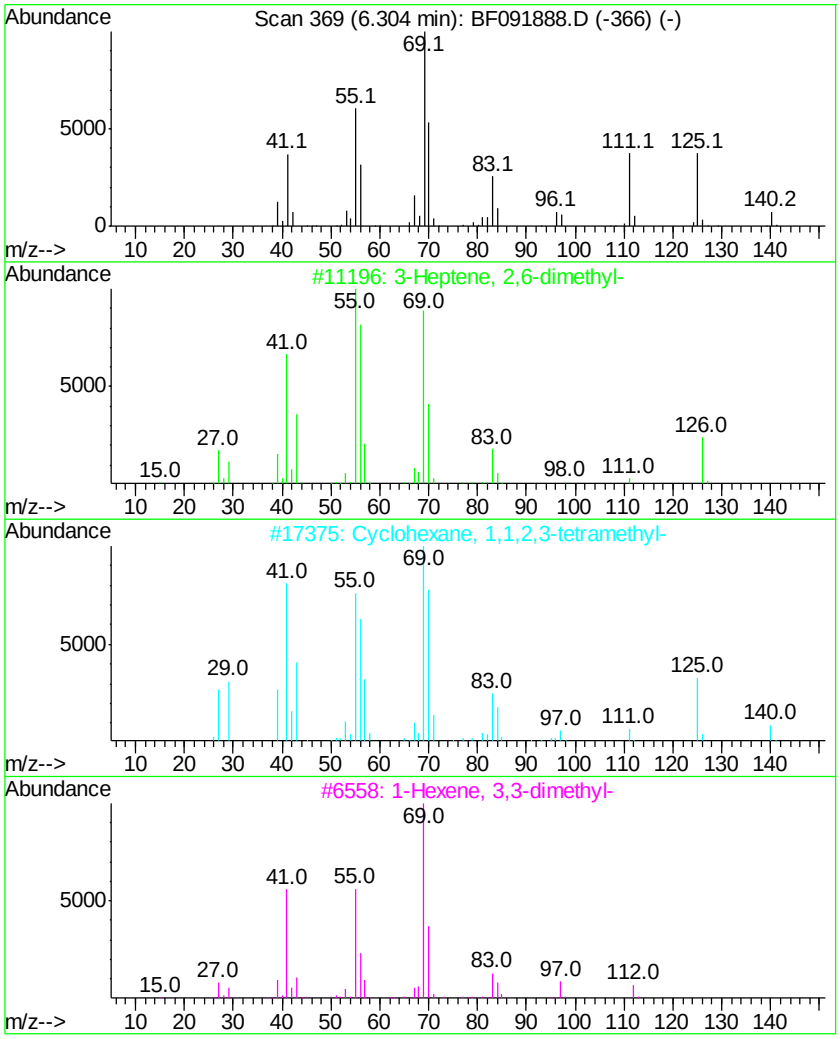
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

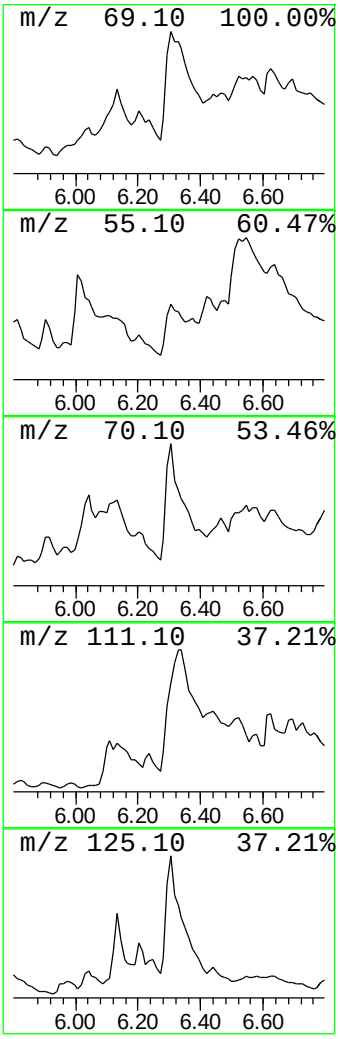
****

Peak Number 5 3-Heptene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	16.93 ng	17877100	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	50
2	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	47
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	47
4	2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	47
5	Heptane, 4-methylene-	112	C8H16	015918-08-8	46





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Sample : H6182-06
Misc :
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Instrument : BNA_F
ClientSampleId : SB-52(0-1)-121916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

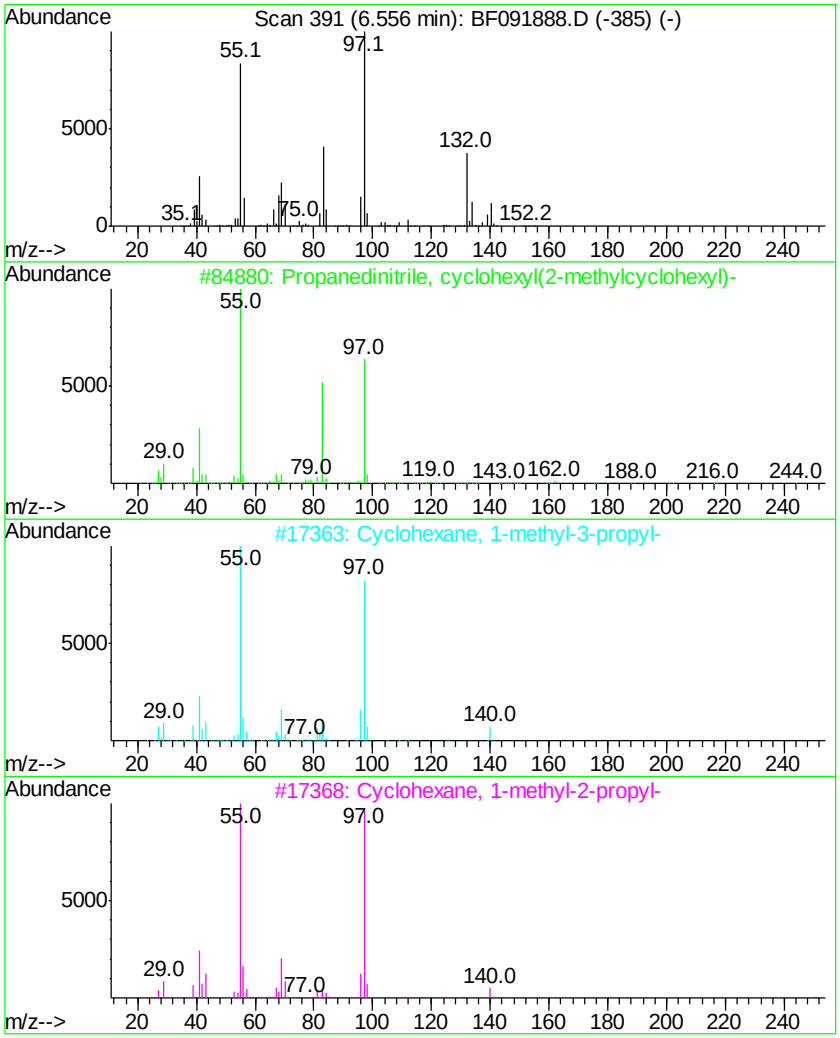
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

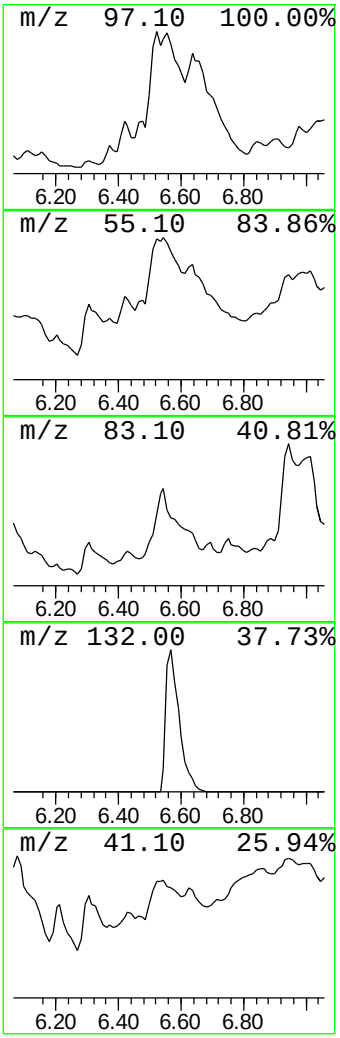
****

Peak Number 6 Propanedinitrile, cyclohexy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	20.00 ng	21123000	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	53
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	52
3	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	47
4	Thiophene, 2-(chloromethyl)-	132	C5H5ClS	000765-50-4	43
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091888.D
Acq On : 22 Dec 2016 16:14
Operator : UM/SJ
Sample : H6182-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-52(0-1)-121916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

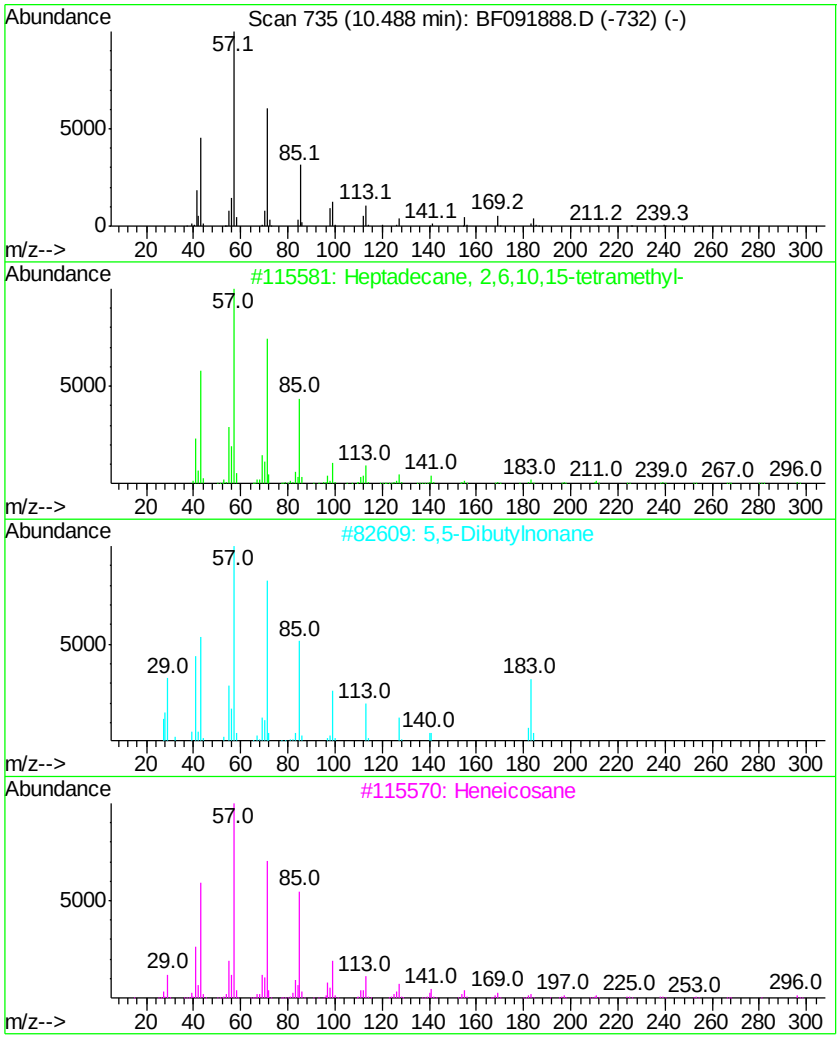
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

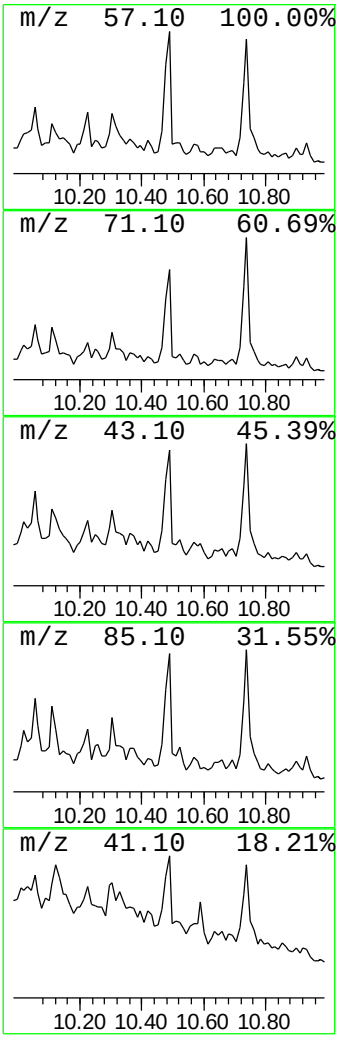
****

Peak Number 7 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	20.00 ng	8817790	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
2	5,5-Dibutylnonane	240	C17H36	006008-17-9	64
3	Heneicosane	296	C21H44	000629-94-7	59
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091888.D
Acq On : 22 Dec 2016 16:14
Operator : UM/SJ
Sample : H6182-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-52(0-1)-121916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

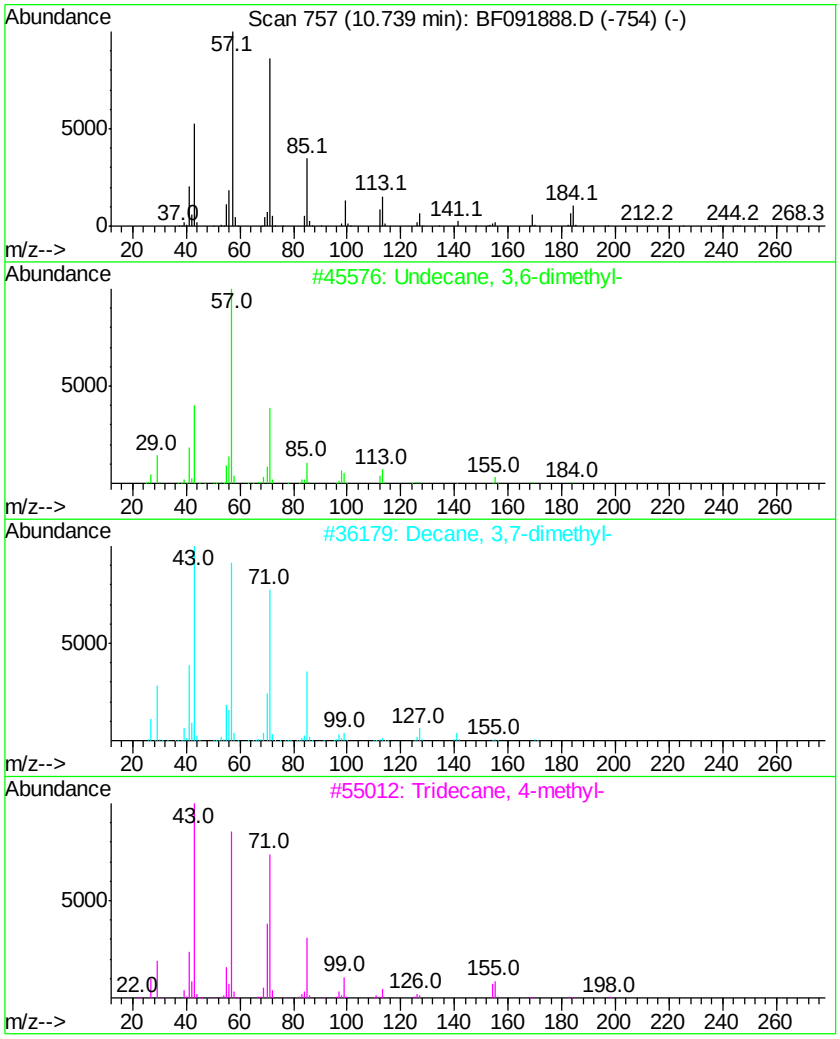
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

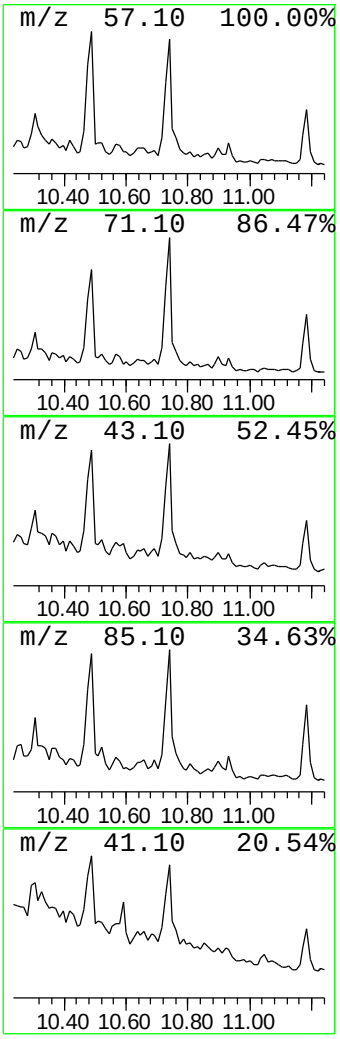
****

Peak Number 8 Undecane, 3,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	85.03 ng	11427600	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
2	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	72
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64
4	Undecane, 4-methyl-	170	C12H26	002980-69-0	64
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53





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Data File : BF091888.D
Acq On : 22 Dec 2016 16:14
Operator : UM/SJ
Sample : H6182-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-52(0-1)-121916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

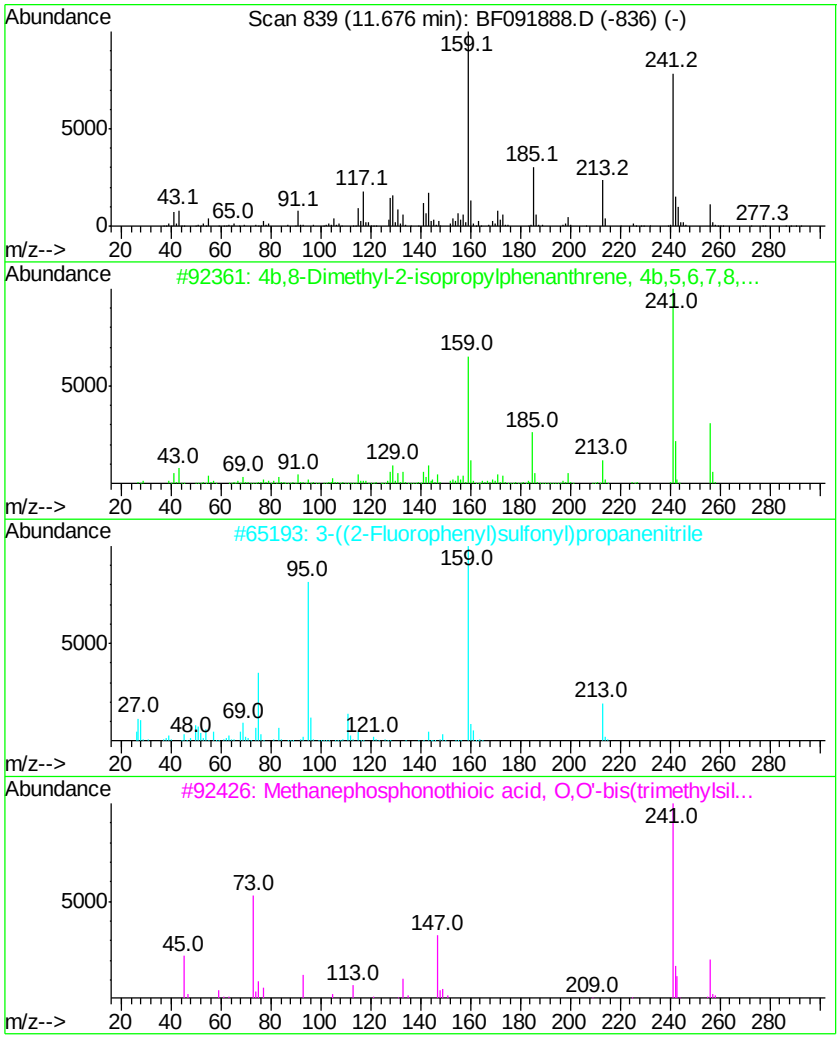
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

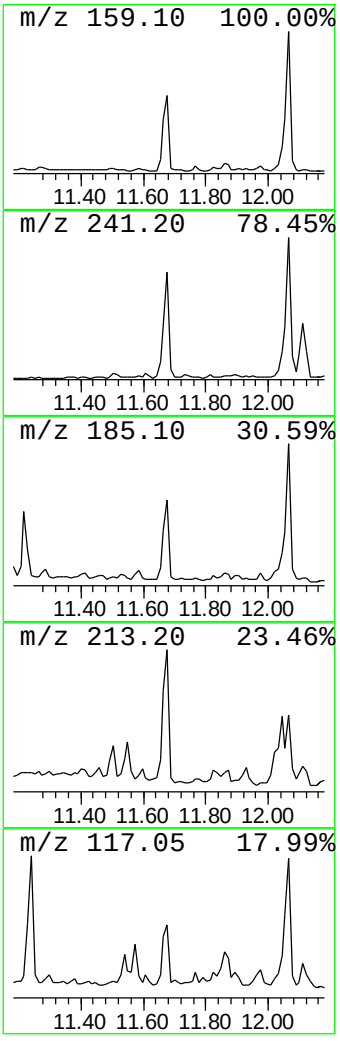
****

Peak Number 10 4b,8-Dimethyl-2-isopropylph... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	18.69 ng	2512560	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	89
2	3-((2-Fluorophenyl)sulfonyl)prop...	213	C9H8FNO2S	1000298-13-4	35
3	Methanephosphonothioic acid, O,O...	256	C7H21O2PSSi2	1000226-86-9	27
4	Benzene, 1,1'-(1-methylethyliden...	256	C17H20O2	001568-83-8	27
5	Phosphoric acid, bis(trimethylsi...	256	C7H21O4PSi2	018291-81-1	27





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Data File : BF091888.D
Acq On : 22 Dec 2016 16:14
Operator : UM/SJ
Sample : H6182-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-52(0-1)-121916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

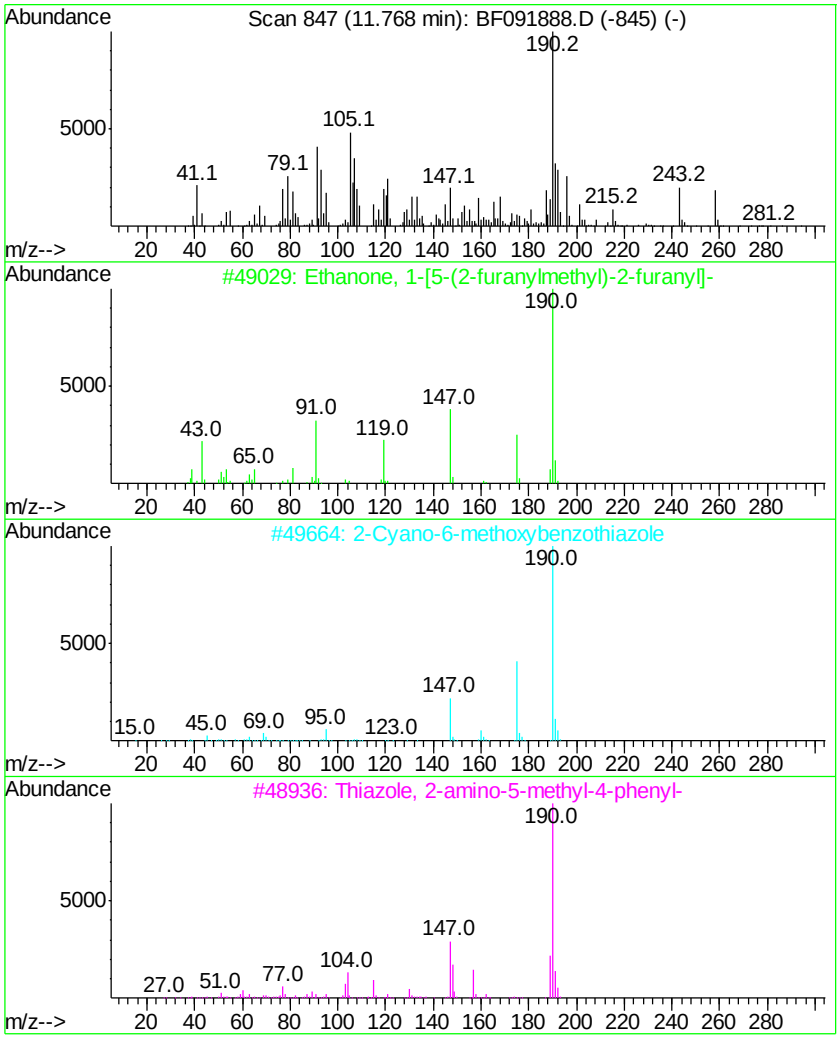
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

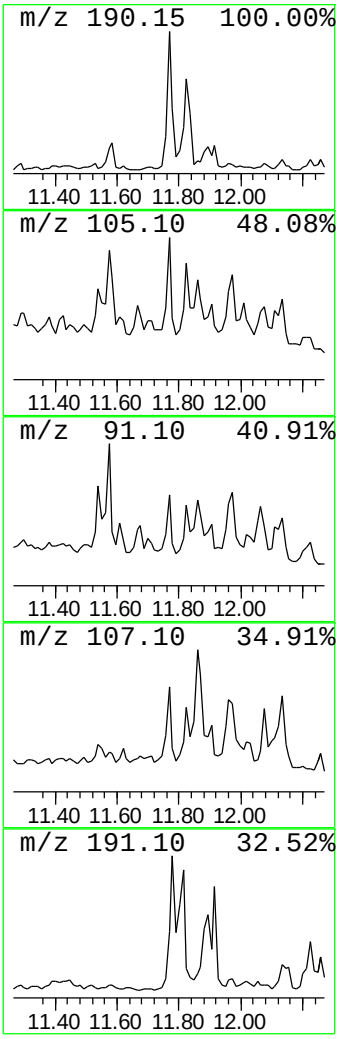
****

Peak Number 11 unknown11.77 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	14.26 ng	1917080	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[5-(2-furanylmethyl)...	190	C11H10O3	052805-84-2	38
2	2-Cyano-6-methoxybenzothiazole	190	C9H6N2OS	000943-03-3	35
3	Thiazole, 2-amino-5-methyl-4-phe...	190	C10H10N2S	030709-67-2	35
4	D-Alanine, N-pentafluoropropionyl...	277	C9H12F5NO3	1000139-20-2	35
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091888.D
Acq On : 22 Dec 2016 16:14
Operator : UM/SJ
Sample : H6182-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-52(0-1)-121916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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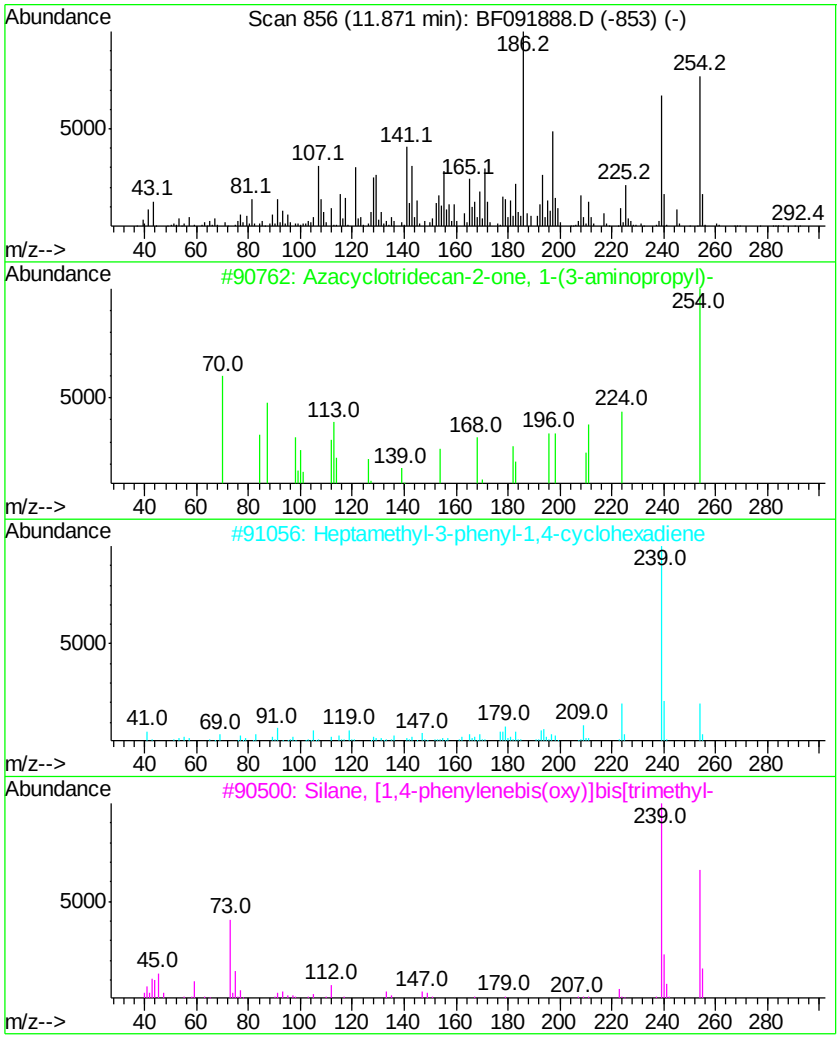
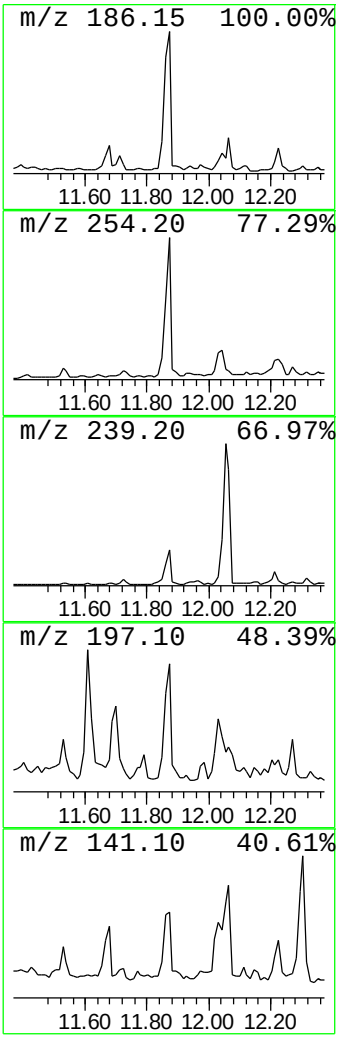
Peak Number 12 unknown11.87 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	20.70 ng	2781970	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azacyclotridecan-2-one, 1-(3-ami...	254	C15H30N2O	064414-61-5	25
2	Heptamethyl-3-phenyl-1,4-cyclohe...	254	C19H26	122531-52-6	22
3	Silane, [1,4-phenylenebis(oxy)]b...	254	C12H22O2Si2	002117-24-0	22
4	Ergoline-8-methanol, 9,10-didehy...	254	C16H18N2O	000602-85-7	15
5	6-Methyl-1-pyridin-2-ylmethylene...	254	C14H10N2O3	1000274-64-8	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091888.D
Acq On : 22 Dec 2016 16:14
Operator : UM/SJ
Sample : H6182-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-52(0-1)-121916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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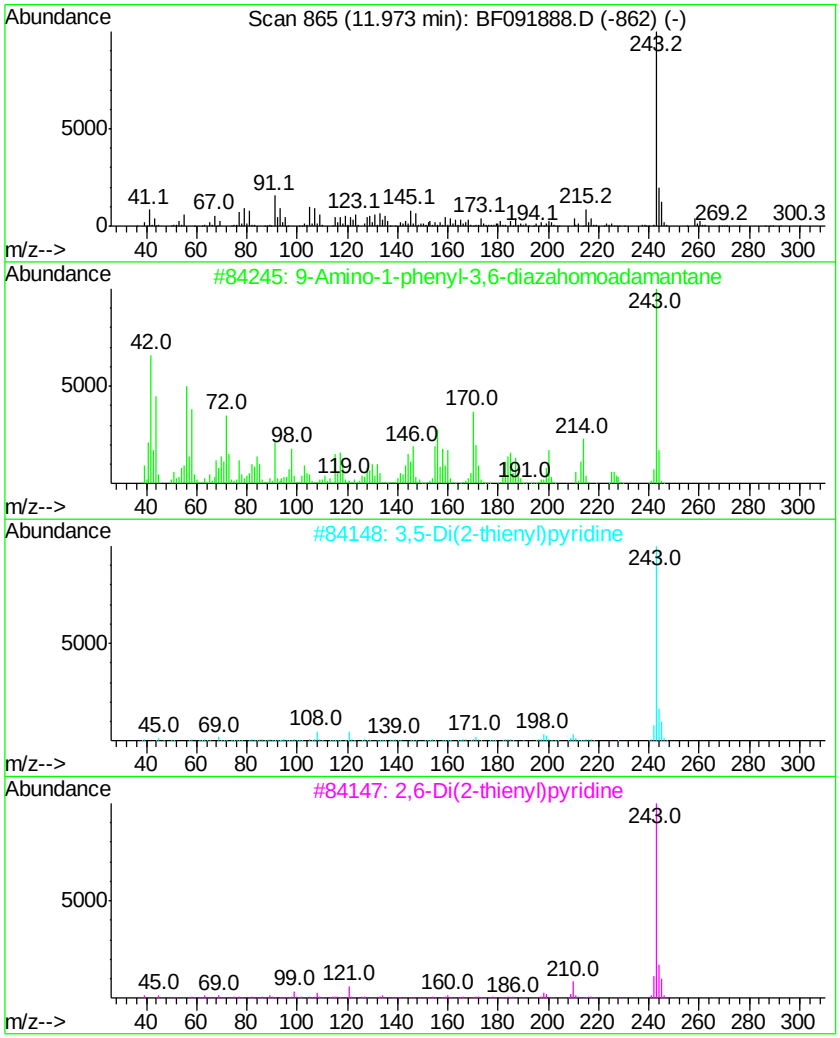
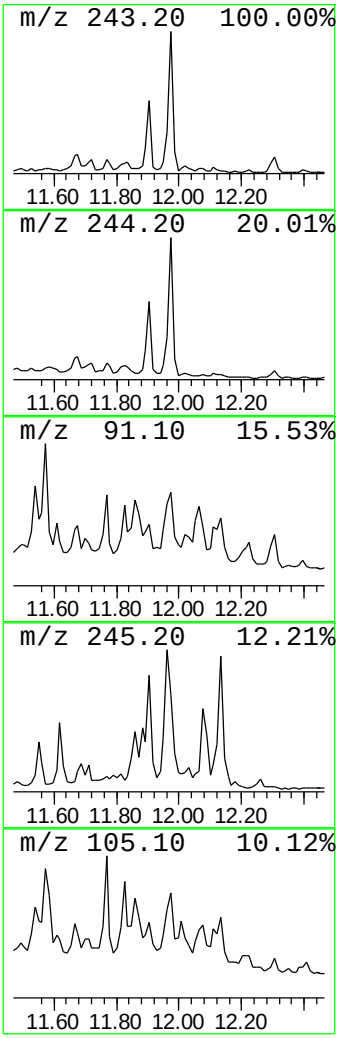
Peak Number 13 9-Amino-1-phenyl-3,6-diazah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	28.29 ng	3801800	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Amino-1-phenyl-3,6-diazahomoad...	243	C15H21N3	147084-69-3	99
2	3,5-Di(2-thienyl)pyridine	243	C13H9NS2	117823-19-5	72
3	2,6-Di(2-thienyl)pyridine	243	C13H9NS2	035299-71-9	64
4	4-Ethyl-1,1,1,4-tetraphenyl-octa...	460	C34H36O	1000186-91-2	59
5	3-Phenyl-4-azafluorene	243	C18H13N	033777-97-8	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091888.D
Acq On : 22 Dec 2016 16:14
Operator : UM/SJ
Sample : H6182-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-52(0-1)-121916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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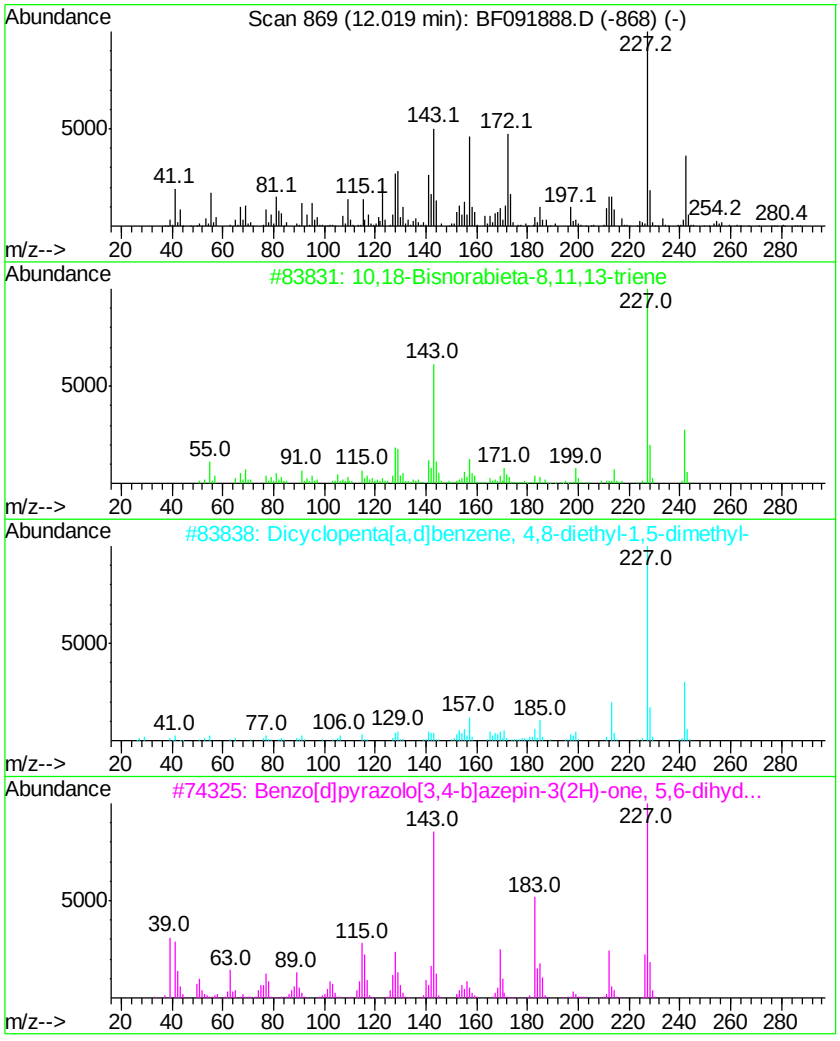
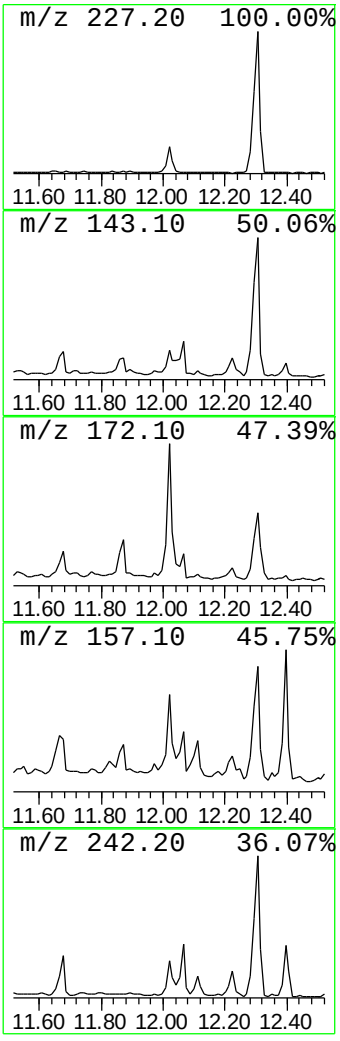
Peak Number 14 10,18-Bisnorabieta-8,11,13-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	14.01 ng	1882800	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	50
2	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	49
3	Benzo[d]pyrazolo[3,4-b]azepin-3(...	227	C13H13N3O	263550-89-6	43
4	1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	004042-39-1	30
5	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091888.D
Acq On : 22 Dec 2016 16:14
Operator : UM/SJ
Sample : H6182-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-52(0-1)-121916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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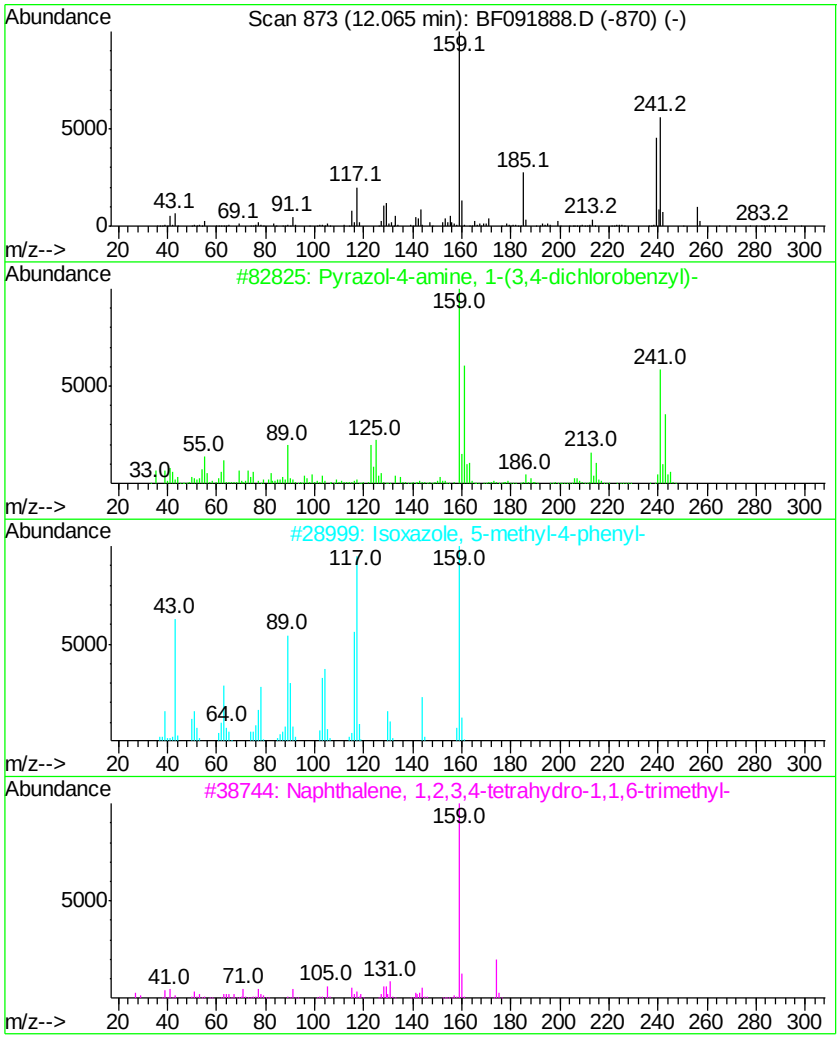
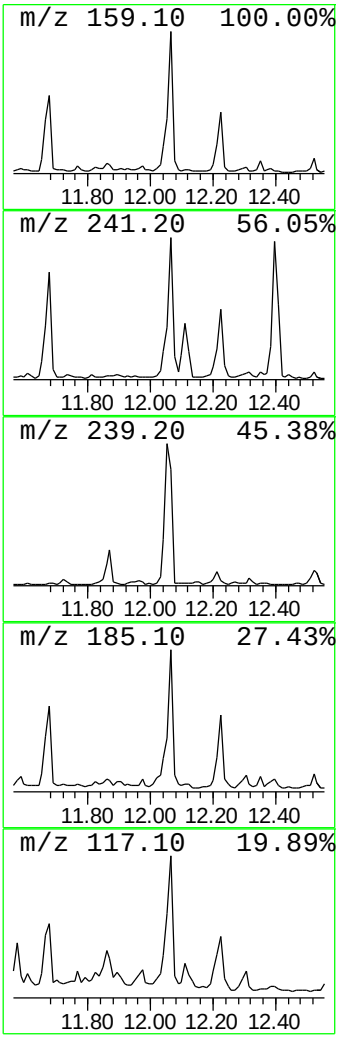
Peak Number 15 unknown12.06 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	49.59 ng	6665080	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	37
2	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	35
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	27
4	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	27
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	27





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Data File : BF091888.D
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Operator : UM/SJ
Sample : H6182-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-52(0-1)-121916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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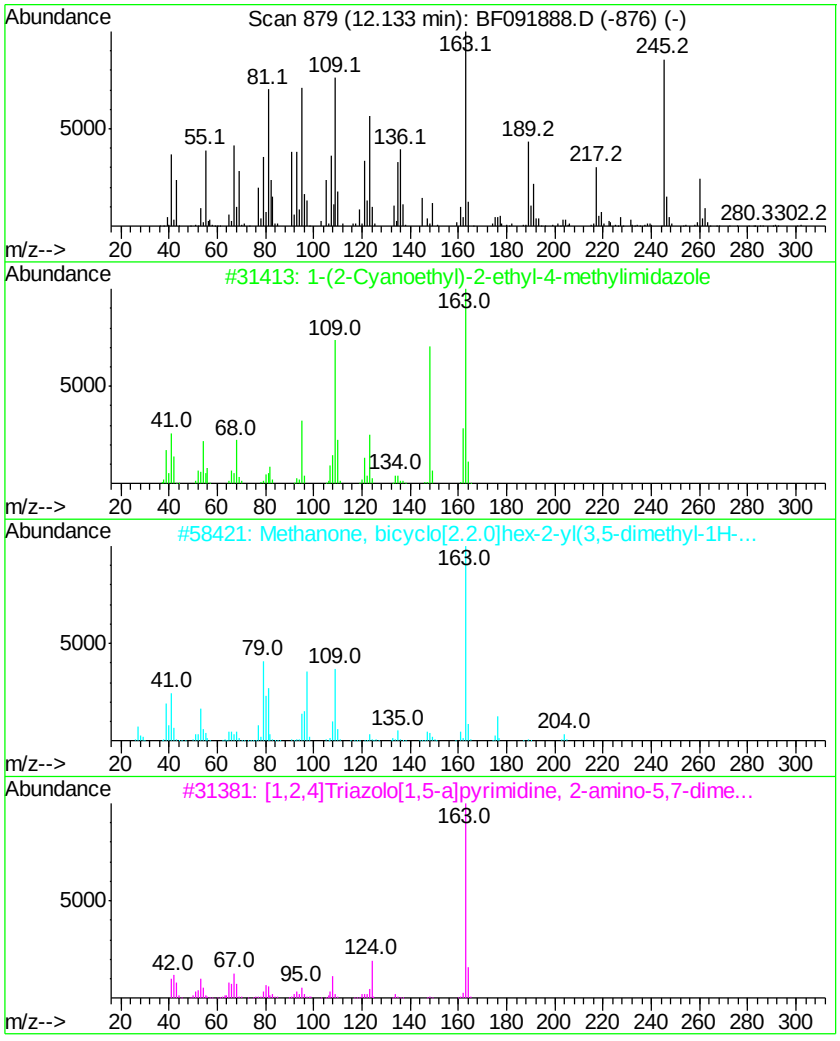
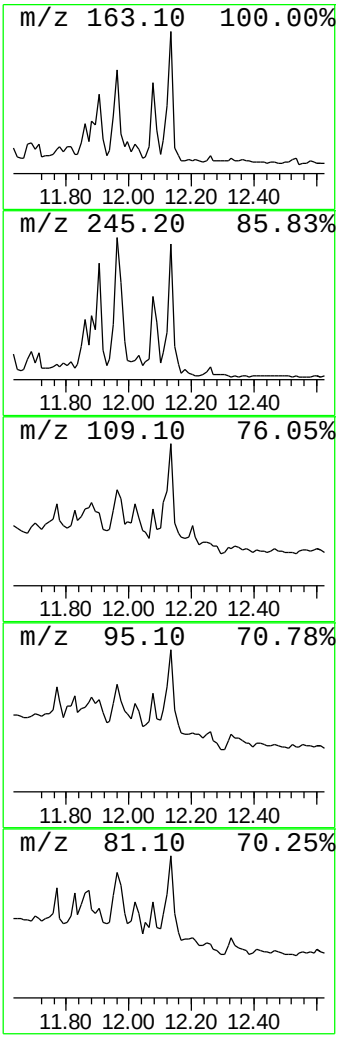
Peak Number 16 unknown12.13 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	24.22 ng	3255740	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Cyanoethyl)-2-ethyl-4-methy...	163	C9H13N3	023996-25-0	27
2	Methanone, bicyclo[2.2.0]hex-2-y...	204	C12H16N2O	1000196-74-5	11
3	[1,2,4]Triazolo[1,5-a]pyrimidine...	163	C7H9N5	007135-02-6	11
4	6-Amino-2,4-dimethyl-5,7-diazabe...	163	C8H9N3O	022727-43-1	11
5	2,3-Dimethyl-5-oxo-1-phenyl-3-py...	245	C12H11N3OS	091397-05-6	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
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Acq On : 22 Dec 2016 16:14
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Sample : H6182-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-52(0-1)-121916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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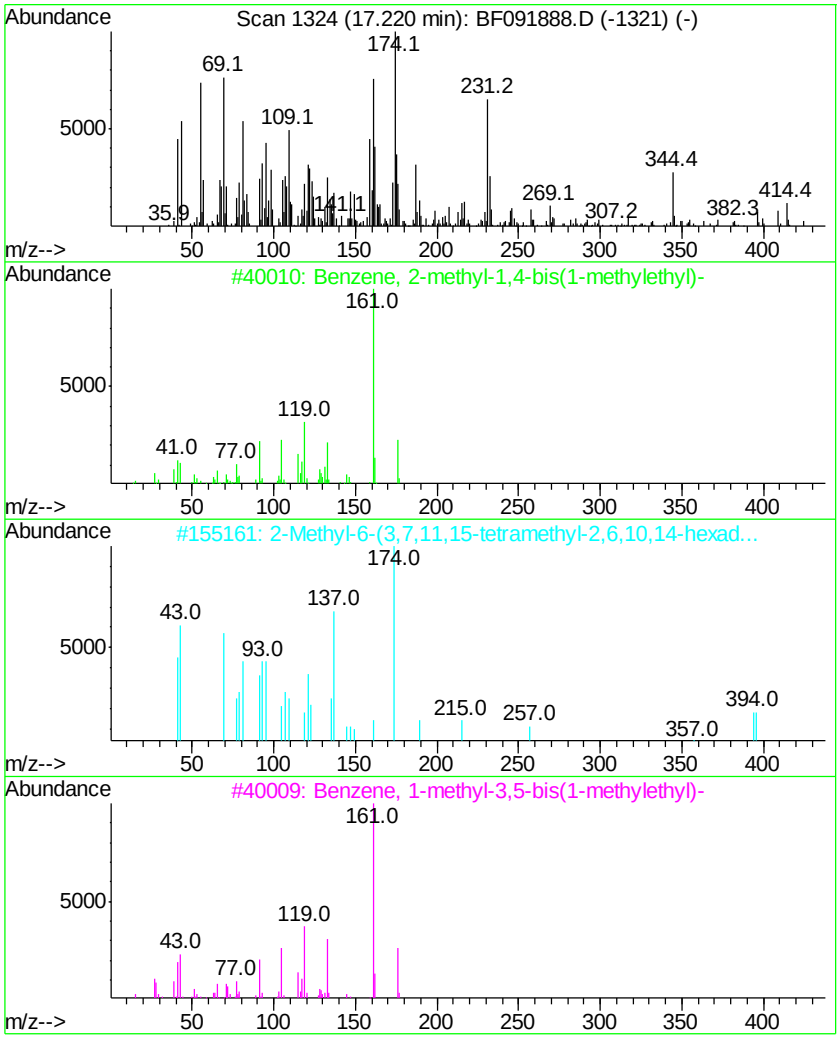
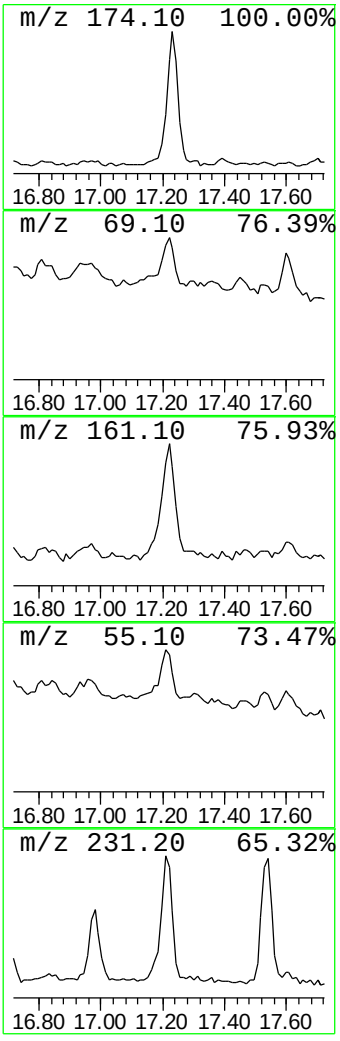
Peak Number 20 unknown17.22 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	16.09 ng	1054970	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-methyl-1,4-bis(1-meth...	176	C13H20	058502-85-5	25
2	2-Methyl-6-(3,7,11,15-tetramethy...	394	C27H38O2	057576-82-6	22
3	Benzene, 1-methyl-3,5-bis(1-meth...	176	C13H20	003055-14-9	15
4	3-Pyridinecarbonitrile, 6-ethyl-...	162	C9H10N2O	113124-05-3	14
5	1,3,5-Cycloheptatriene, 2,3,4,5,...	176	C13H20	074779-68-3	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
Data File : BF091888.D
Acq On : 22 Dec 2016 16:14
Operator : UM/SJ
Sample : H6182-06
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ClientSampleId : SB-52(0-1)-121916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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
Cyclohexane, 1-et...	5.77	15.7	ng	16562900	1	6.77	21123000	20.0
7-Methylbicyclo[4...	5.90	16.4	ng	17378700	1	6.77	21123000	20.0
unknown6.02	6.02	20.4	ng	21488000	1	6.77	21123000	20.0
unknown6.21	6.21	13.5	ng	14267700	1	6.77	21123000	20.0
3-Heptene, 2,6-di...	6.30	16.9	ng	17877100	1	6.77	21123000	20.0
Propanedinitrile,...	6.56	20.0	ng	21123000	1	6.77	21123000	20.0
Heptadecane, 2,6,...	10.49	20.0	ng	8817790	3	9.88	8817790	20.0
Undecane, 3,6-dim...	10.74	85.0	ng	11427600	4	11.29	2688030	20.0
4b,8-Dimethyl-2-i...	11.68	18.7	ng	2512560	4	11.29	2688030	20.0
unknown11.77	11.77	14.3	ng	1917080	4	11.29	2688030	20.0
unknown11.87	11.87	20.7	ng	2781970	4	11.29	2688030	20.0
9-Amino-1-phenyl-...	11.97	28.3	ng	3801800	4	11.29	2688030	20.0
10,18-Bisnorabiet...	12.02	14.0	ng	1882800	4	11.29	2688030	20.0
unknown12.06	12.06	49.6	ng	6665080	4	11.29	2688030	20.0
unknown12.13	12.13	24.2	ng	3255740	4	11.29	2688030	20.0
unknown17.22	17.22	16.1	ng	1054970	6	15.31	1311400	20.0