LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093308.D
Acq On : 2 Mar 2017 00:00
Operator : SJ/MA
Sample : I2002-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-7(3.5-5.5)

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-BF013017.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	2.647	41	49	53	rVB	52467	133704	1.18%	0.062%
2	3.939	156	162	164	rBV	253637	454712	4.02%	0.210%
3	3.996	164	167	171	rVB	90107	164218	1.45%	0.076%
4	4.099	172	176	179	rBV2	64831	125980	1.11%	0.058%
5	4.167	179	182	185	rVB	80440	143242	1.27%	0.066%
6	4.316	192	195	199	rBV2	237763	367207	3.25%	0.170%
7	4.430	201	205	208	rVB	134153	189361	1.67%	0.087%
8	4.659	222	225	226	rBV	118453	175625	1.55%	0.081%
9	4.773	230	235	237	rBV	580735	776687	6.87%	0.359%
10	4.876	237	244	247	rBV3	837435	1785329	15.79%	0.825%
11	4.933	247	249	254	rBV2	1177554	2838313	25.11%	1.311%
12	5.070	258	261	265	rVB2	195651	350692	3.10%	0.162%
13	5.150	265	268	271	rBV	1516804	2001642	17.71%	0.925%
14	5.242	275	276	278	rVB	150084	163263	1.44%	0.075%
15	5.344	281	285	288	rBV3	583951	1197697	10.59%	0.553%
16	5.402	288	290	292	rBV	2991747	3111672	27.52%	1.438%
17	5.447	292	294	297	rVB	582133	718906	6.36%	0.332%
18	5.493	297	298	299	rBV	143735	127717	1.13%	0.059%
19	5.539	299	302	304	rBV	1035697	1651584	14.61%	0.763%
20	5.584	304	306	307	rVB	1058907	1271923	11.25%	0.588%
21	5.619	307	309	314	rVB2	1262166	2230271	19.73%	1.030%
22	5.699	314	316	320	rVB	442772	575778	5.09%	0.266%
23	5.802	320	325	327	rBV2	1656929	3265736	28.89%	1.509%
24	5.847	327	329	334	rBV3	839666	2323849	20.56%	1.074%
25	5.939	334	337	340	rVB2	2479509	3522084	31.15%	1.627%
26	5.996	340	342	344	rBV2	919168	1750214	15.48%	0.809%
27	6.042	344	346	349	rBV2	5086356	9456541	83.65%	4.369%
28	6.099	349	351	360	rVB2	3485992	9526838	84.27%	4.402%
29	6.236	360	363	368	rBV4	2775135	7368450	65.18%	3.404%
30	6.327	368	371	376	rVB3	3599420	8019961	70.94%	3.705%
31	6.407	376	378	380	rBV2	1379918	2549520	22.55%	1.178%
32	6.465	380	383	385	rBV3	2584825	4876802	43.14%	2.253%
33	6.556	388	391	392	rBV2	2745718	5879338	52.00%	2.716%
34	6.579	392	393	397	rVB2	2496453	3934099	34.80%	1.818%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I2002-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-7(3.5-5.5)

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.647	397	399	404	rVB3	2261844	5539738	49.00%	2.559%
36	6.773	405	410	411	rBV3	1844077	4721465	41.76%	2.181%
37	6.842	413	416	418	rVV3	2285542	4851383	42.91%	2.241%
38	6.876	418	419	423	rVV4	1640015	3012590	26.65%	1.392%
39	6.979	424	428	433	rVB4	3579894	11305361	100.00%	5.223%
40	7.093	433	438	441	rBV4	2675375	8021456	70.95%	3.706%
41	7.150	441	443	444	rBV	977479	1498819	13.26%	0.692%
42	7.219	447	449	454	rVV3	2380638	5934027	52.49%	2.742%
43	7.379	459	463	469	rVB6	2032693	8033485	71.06%	3.712%
44	7.482	469	472	474	rBV4	1780739	3964702	35.07%	1.832%
45	7.756	492	496	503	rBV6	1834164	7829299	69.25%	3.617%
46	10.133	702	704	708	rVB4	1380520	2448875	21.66%	1.131%
47	10.293	715	718	720	rBV3	1073919	2227369	19.70%	1.029%
48	10.419	727	729	734	rVV4	1364318	2789408	24.67%	1.289%
49	10.522	735	738	740	rVB2	2258854	3927296	34.74%	1.814%
50	10.785	758	761	763	rBV2	3903791	7043370	62.30%	3.254%
51	10.831	763	765	767	rVV	2419269	4461400	39.46%	2.061%
52	10.876	767	769	770	rVV2	2855464	4435970	39.24%	2.049%
53	10.899	770	771	775	rVV2	2975078	6712106	59.37%	3.101%
54	10.968	775	777	779	rVV2	2195357	5144817	45.51%	2.377%
55	11.014	779	781	782	rVV2	3221700	4210915	37.25%	1.946%
56	11.048	782	784	785	rVV	3503183	4341131	38.40%	2.006%
57	11.082	785	787	790	rVV3	2417116	4708611	41.65%	2.175%
58	11.162	792	794	796	rVV	551573	773372	6.84%	0.357%
59	11.231	798	800	804	rVV3	2806242	3933160	34.79%	1.817%
60	11.345	808	810	815	rVB3	1205343	2445186	21.63%	1.130%
61	11.505	822	824	826	rVB2	291758	351947	3.11%	0.163%
62	11.539	826	827	828	rVV	250260	204060	1.80%	0.094%
63	11.574	828	830	831	rVB2	493916	419251	3.71%	0.194%
64	11.665	836	838	844	rVB3	384507	773489	6.84%	0.357%
65	11.836	851	853	854	rBV	233219	225994	2.00%	0.104%
66	11.859	854	855	858	rVB	252910	344756	3.05%	0.159%
67	11.939	861	862	866	rVB3	311427	570706	5.05%	0.264%
68	12.054	870	872	874	rBV2	243322	340908	3.02%	0.158%
69	12.259	888	890	892	rBV2	108696	188148	1.66%	0.087%
70	12.305	892	894	896	rVV2	248617	327374	2.90%	0.151%
71	12.385	899	901	902	rBV2	181158	180884	1.60%	0.084%

LSC Area Percent Report

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Data File : BF093308.D
Acq On : 2 Mar 2017 00:00
Operator : SJ/MA
Sample : I2002-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-7(3.5-5.5)

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.545	914	915	917	rVV	414027	351382	3.11%	0.162%
73	12.579	917	918	920	rVB2	212201	181247	1.60%	0.084%
74	12.774	933	935	938	rBV	334944	342970	3.03%	0.158%
75	12.911	945	947	950	rBV	1527799	2181317	19.29%	1.008%
76	13.174	968	970	976	rBV7	144029	377143	3.34%	0.174%
77	13.974	1037	1040	1041	rBV2	826342	973935	8.61%	0.450%
78	15.403	1162	1165	1167	rBV	598517	763411	6.75%	0.353%

Sum of corrected areas: 216443188

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093308.D
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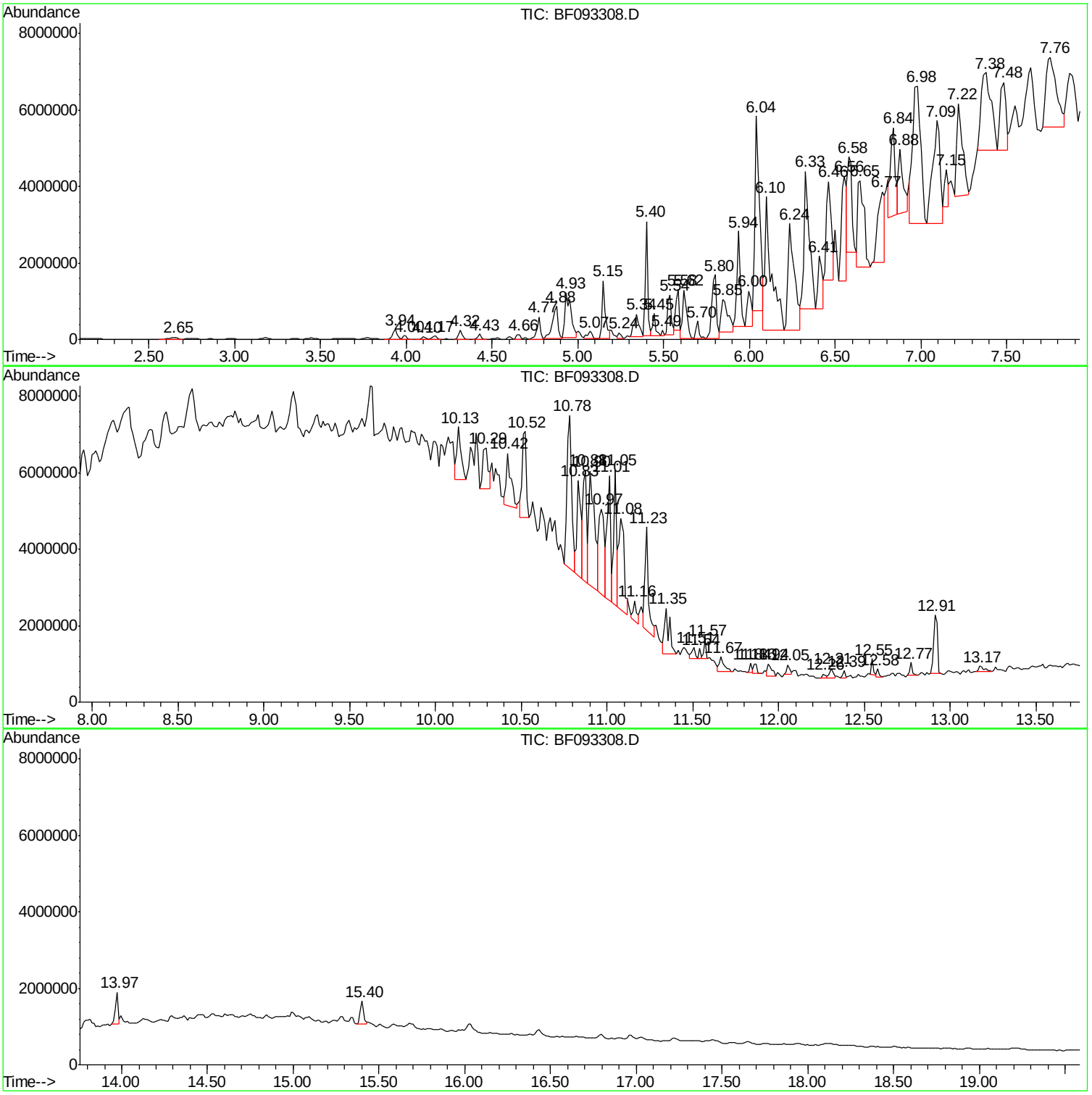
Operator : SJ/MA
Sample : I2002-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-7(3.5-5.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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\BF030117\
Data File : BF093308.D
Acq On : 2 Mar 2017 00:00
Operator : SJ/MA
Sample : I2002-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-7(3.5-5.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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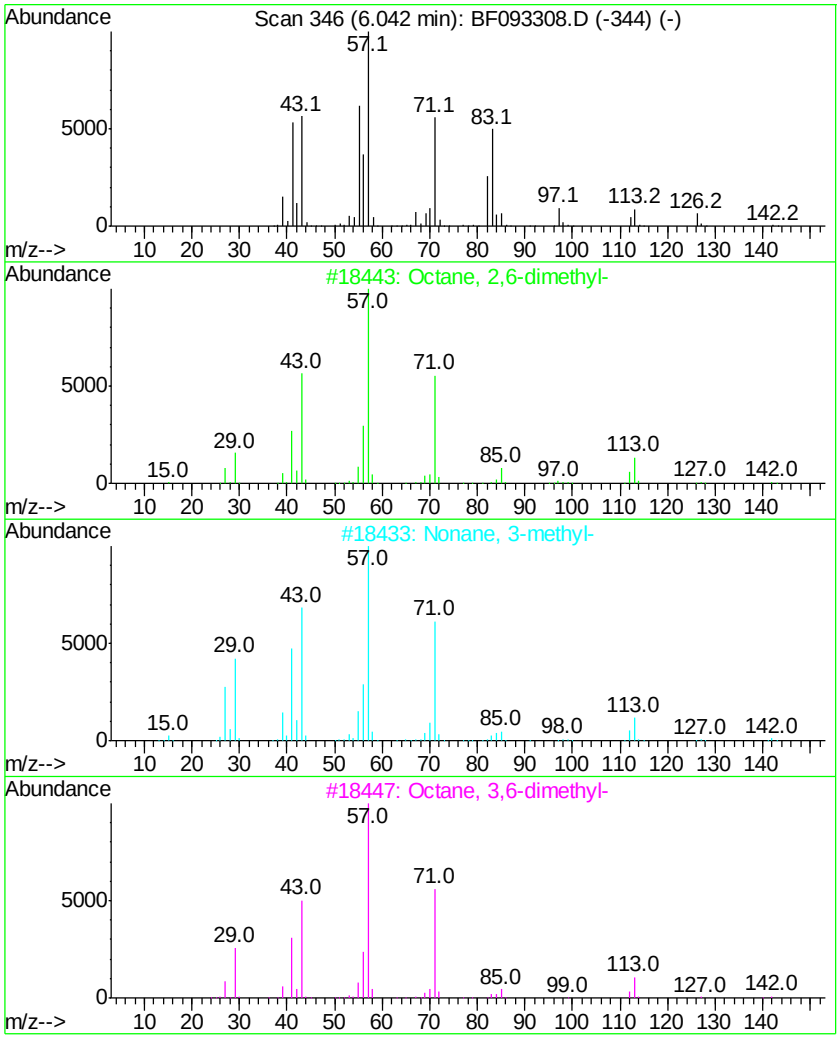
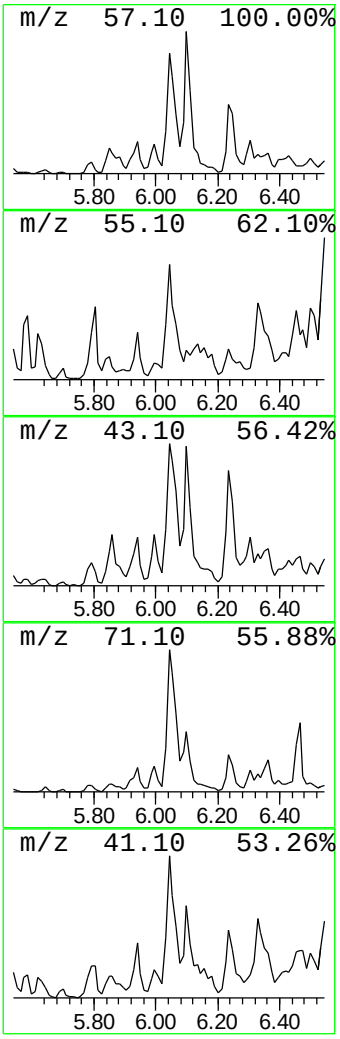
Peak Number 1 unknown6.04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.04	38.98 ng	9456540	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	49
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	46
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	46
4	Butanoic acid, 1-methyloctyl ester	214	C13H26O2	069727-42-0	35
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093308.D
Acq On : 2 Mar 2017 00:00
Operator : SJ/MA
Sample : I2002-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-7(3.5-5.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

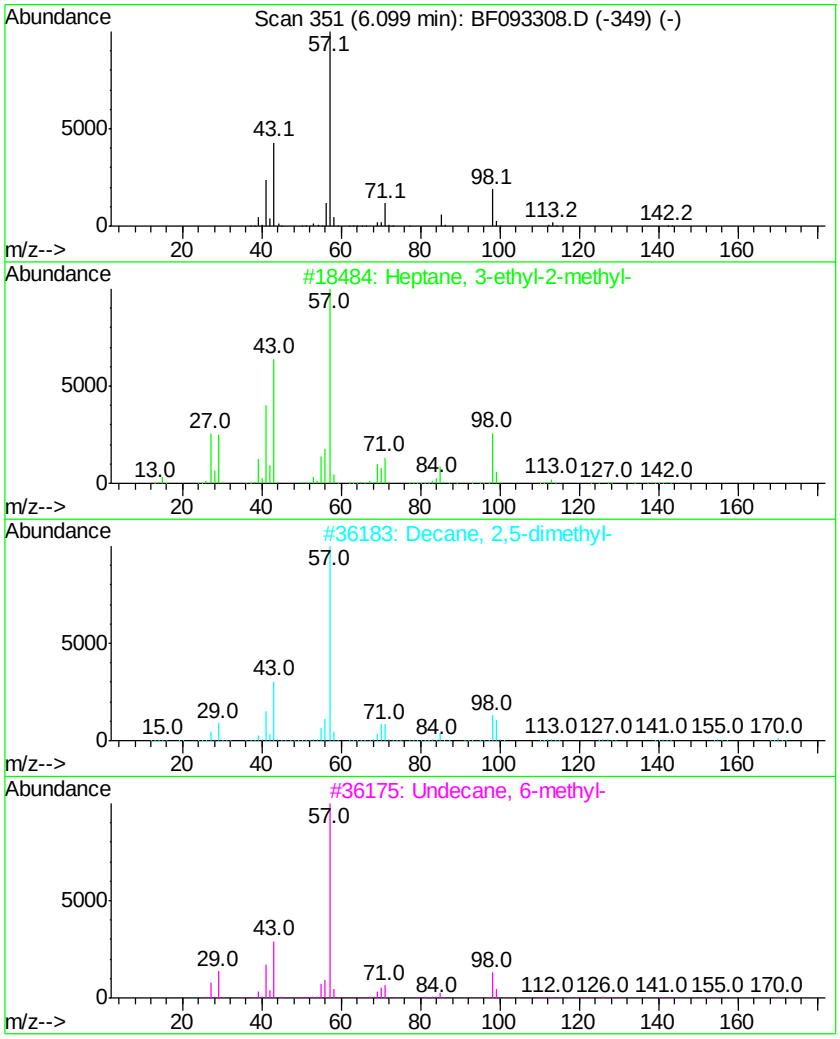
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

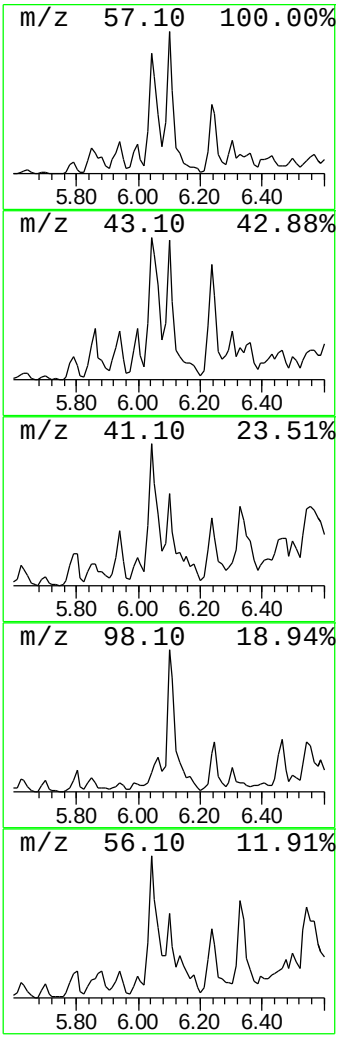
****

Peak Number 2 Heptane, 3-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	39.27 ng	9526840	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	83
2	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	78
3	Undecane, 6-methyl-	170	C12H26	017302-33-9	64
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093308.D
Acq On : 2 Mar 2017 00:00
Operator : SJ/MA
Sample : I2002-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-7(3.5-5.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

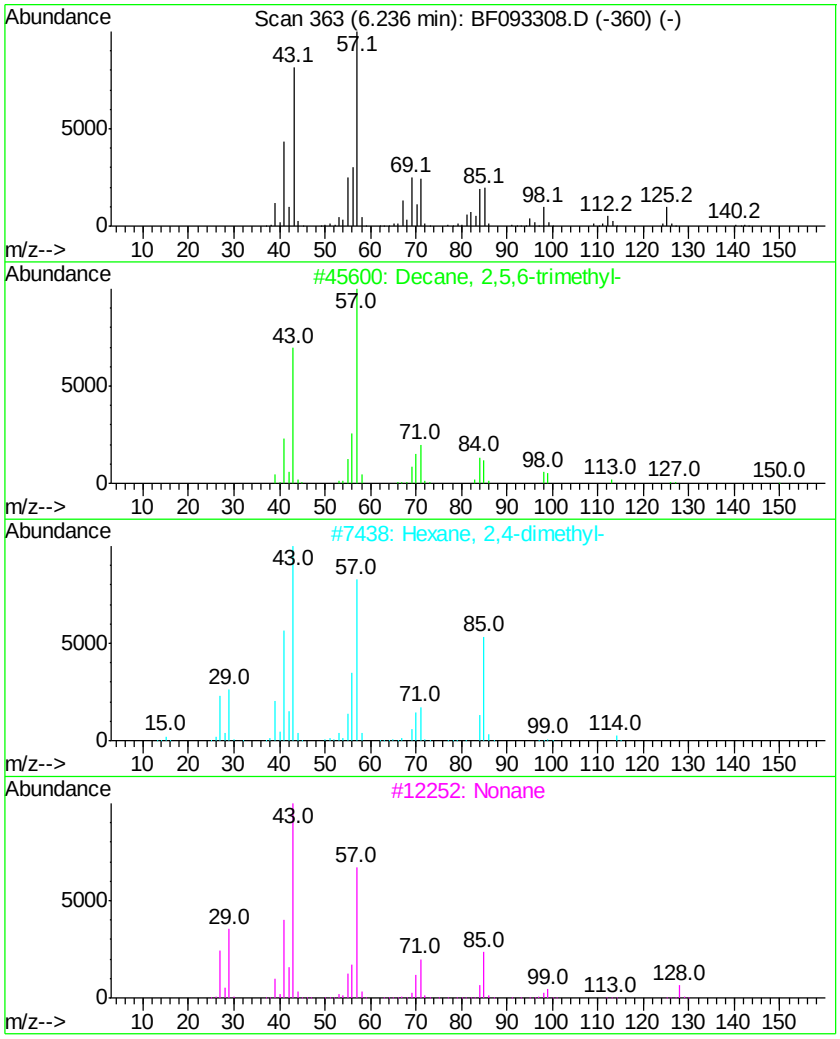
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

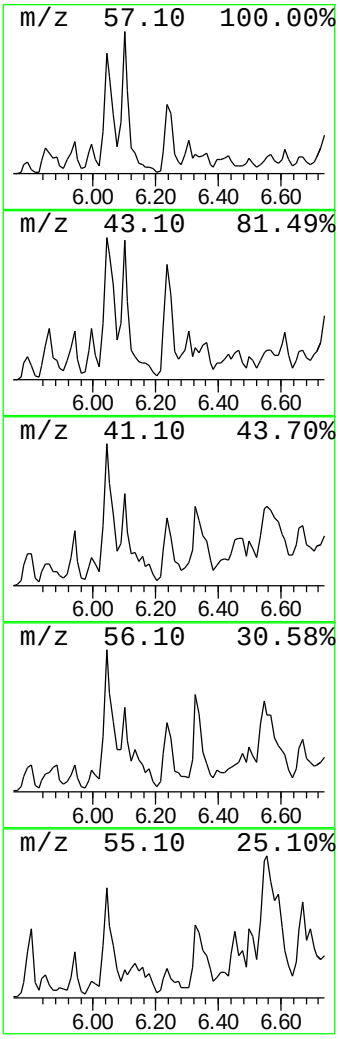
****

Peak Number 3 Decane, 2,5,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	30.38 ng	7368450	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	52
3	Nonane	128	C9H20	000111-84-2	47
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	43
5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	38





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-7(3.5-5.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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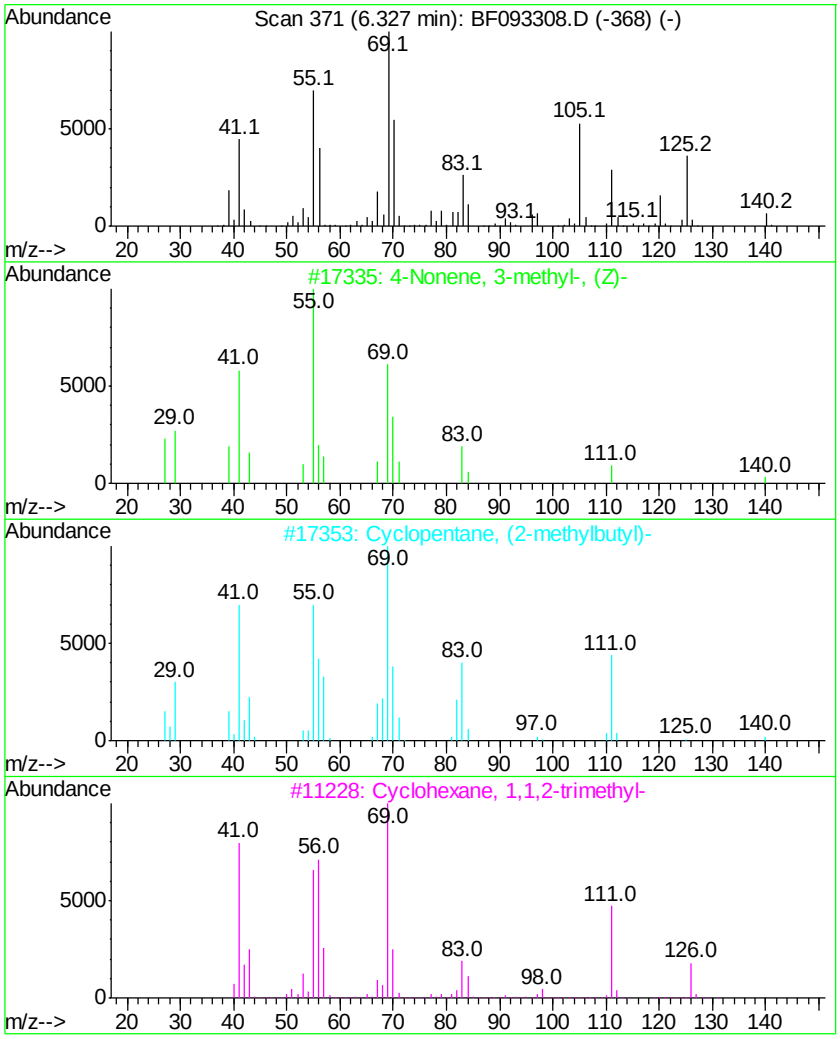
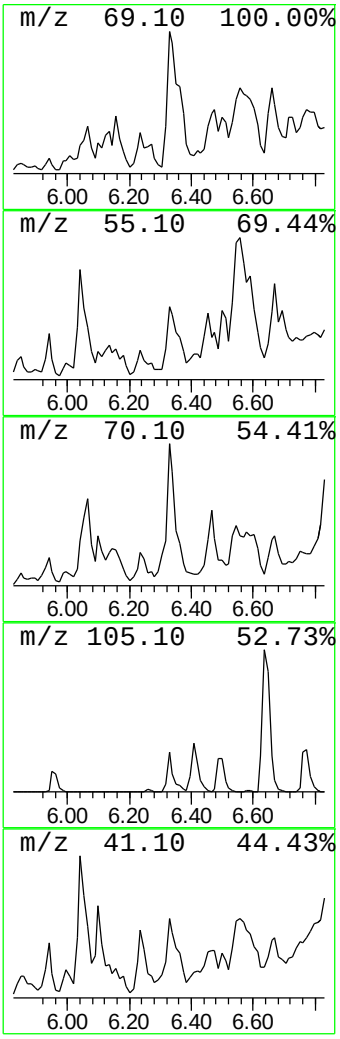
Peak Number 4 4-Nonene, 3-methyl-, (Z)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	33.06 ng	8019960	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	64
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	53
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	53
4	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	50
5	Cyclopentane, ethyl-	98	C7H14	001640-89-7	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093308.D
Acq On : 2 Mar 2017 00:00
Operator : SJ/MA
Sample : I2002-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-7(3.5-5.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

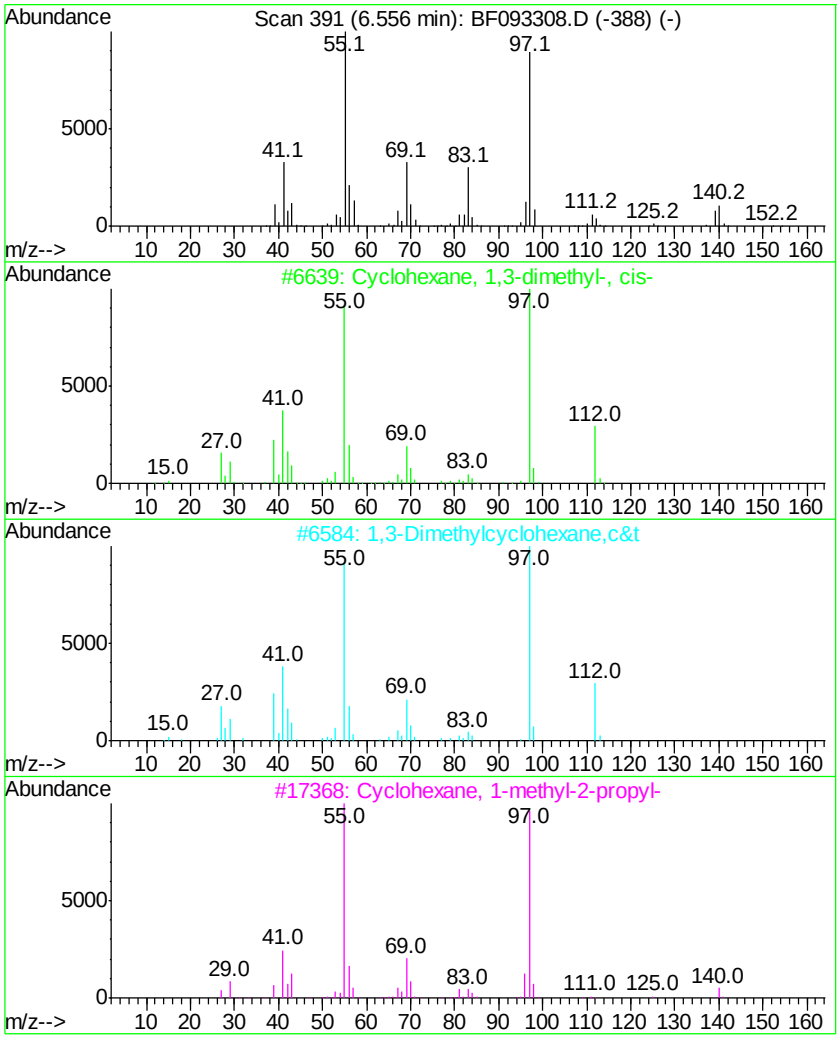
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

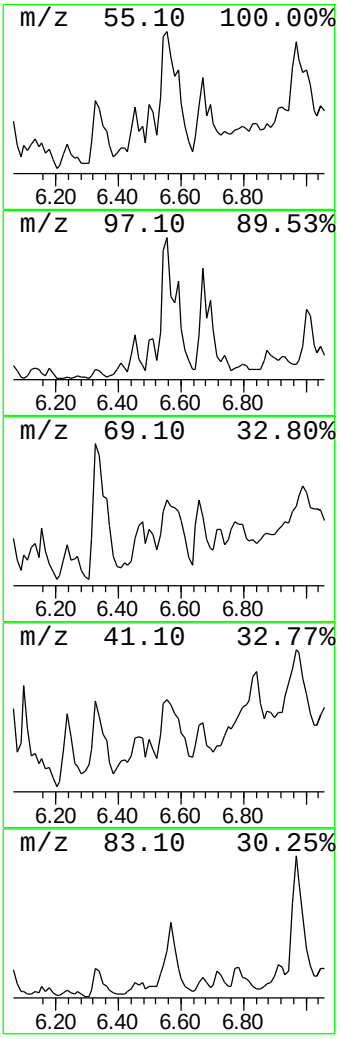
****

Peak Number 5 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	24.24 ng	5879340	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	68
2	1,3-Dimethylcyclohexane,c&t	112	C8H16	000591-21-9	68
3	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	64
4	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	64
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093308.D
Acq On : 2 Mar 2017 00:00
Operator : SJ/MA
Sample : I2002-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-7(3.5-5.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

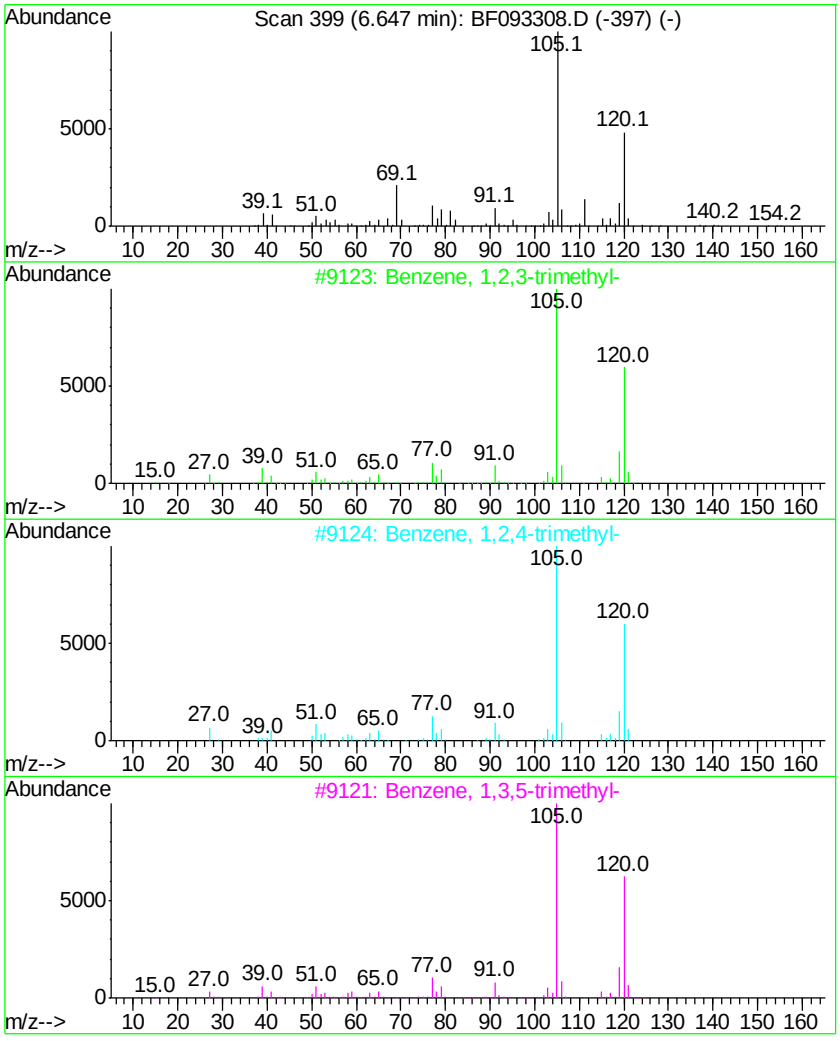
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

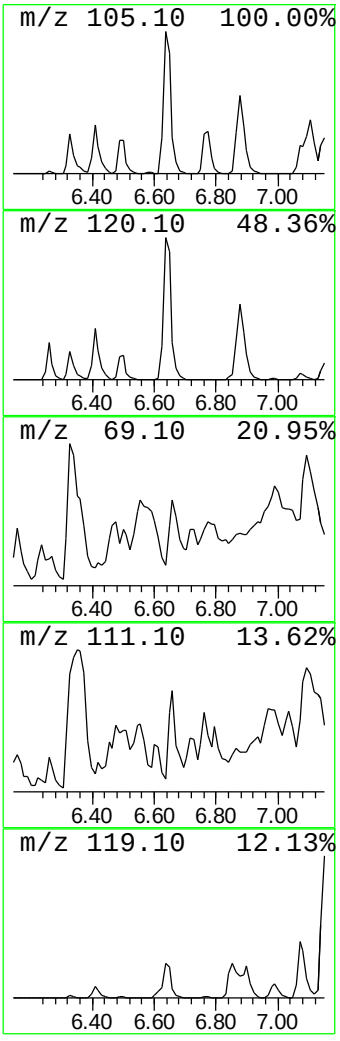
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	22.84 ng	5539740	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	87
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093308.D
Acq On : 2 Mar 2017 00:00
Operator : SJ/MA
Sample : I2002-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-7(3.5-5.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

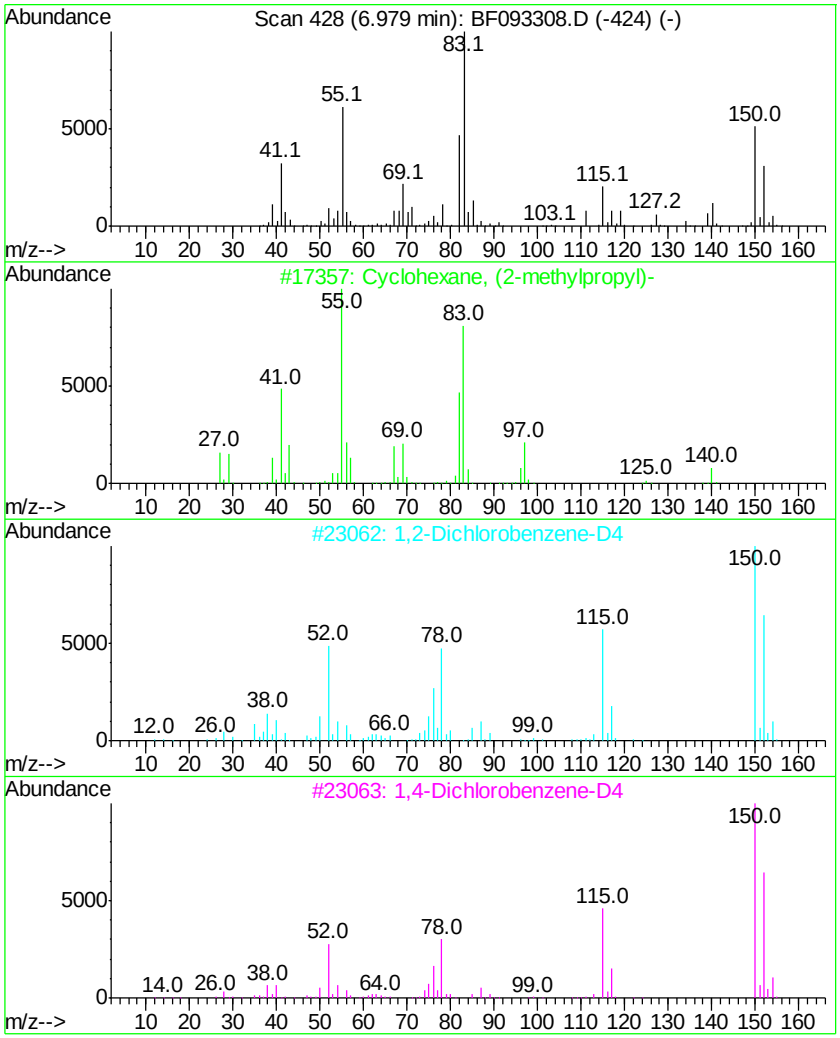
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

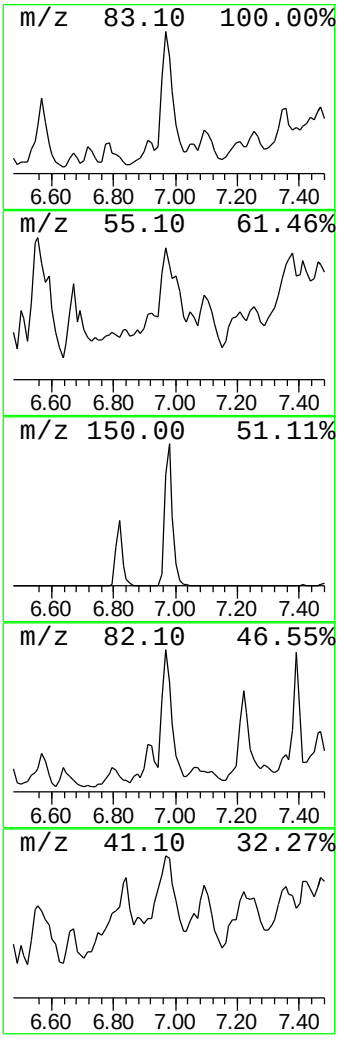
****

Peak Number 7 unknown6.98 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	46.61 ng	11305400	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	43
2	1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	38
3	1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	38
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	38
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	32





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Acq On : 2 Mar 2017 00:00
Operator : SJ/MA
Sample : I2002-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-7(3.5-5.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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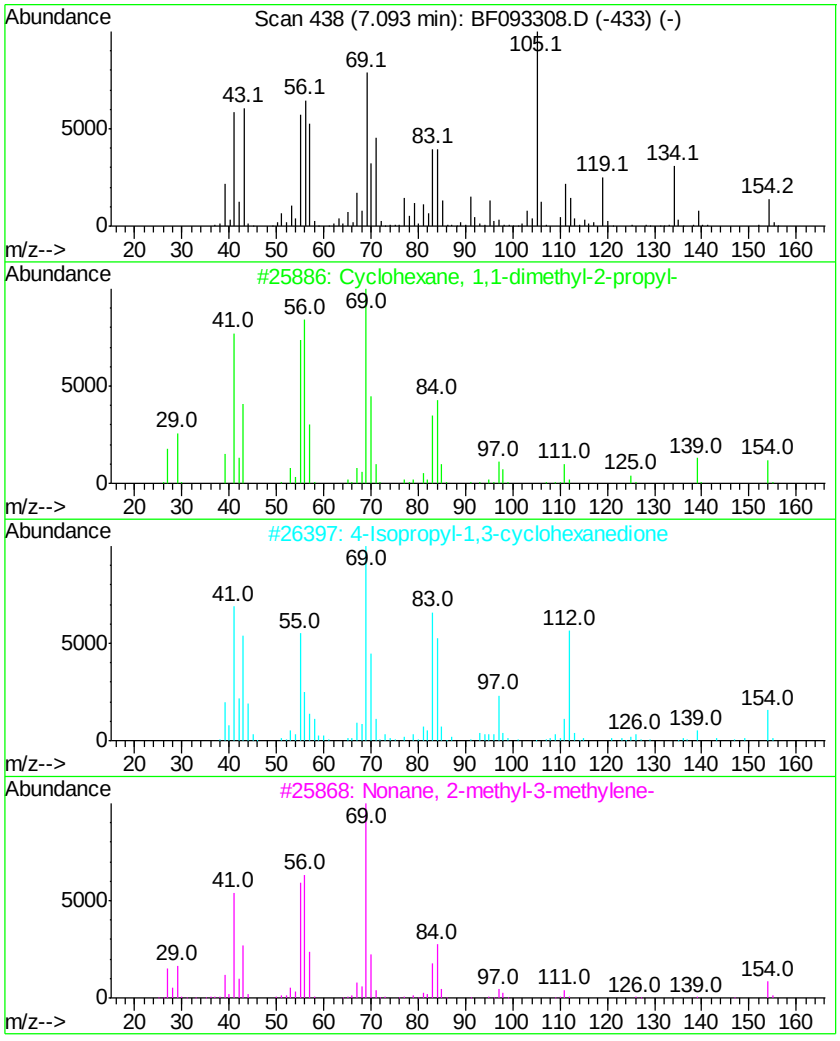
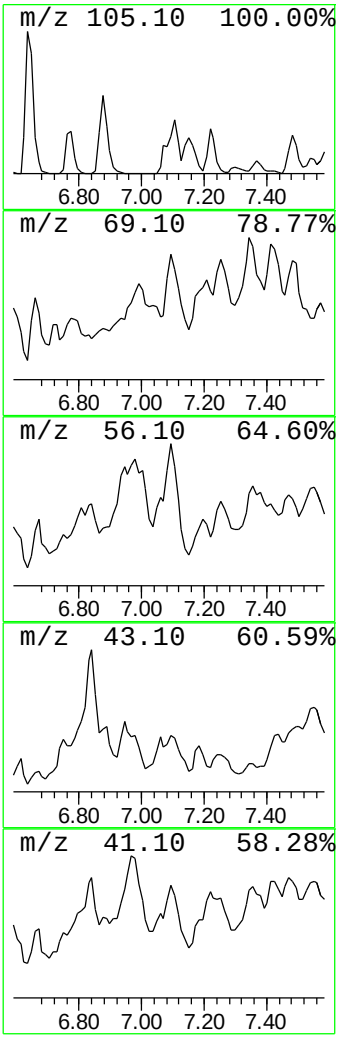
Peak Number 8 unknown7.09 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	33.07 ng	8021460	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	49
2	4-Isopropyl-1,3-cyclohexanedione	154	C9H14O2	062831-62-3	46
3	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	43
4	1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	35
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	30





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-7(3.5-5.5)

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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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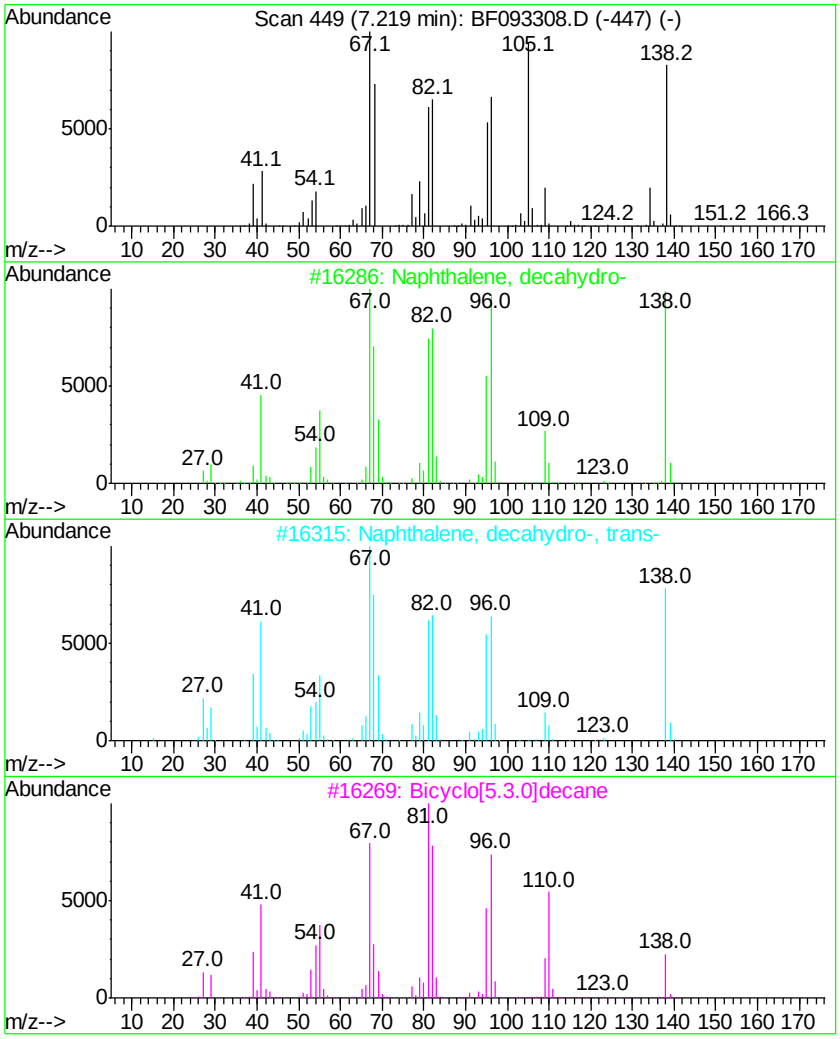
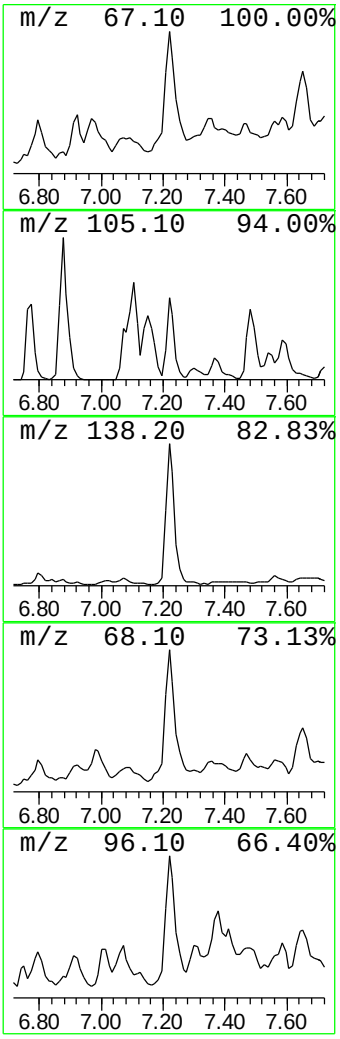
Peak Number 9 Naphthalene, decahydro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	24.46 ng	5934030	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	87
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	80
3	Bicyclo[5.3.0]decane	138	C10H18	005661-80-3	58
4	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	58
5	Cyclohexene, 1-methyl-4-(1-methy...	138	C10H18	001195-31-9	53





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Instrument : BNA_F
ClientSampleId : SSP-7(3.5-5.5)

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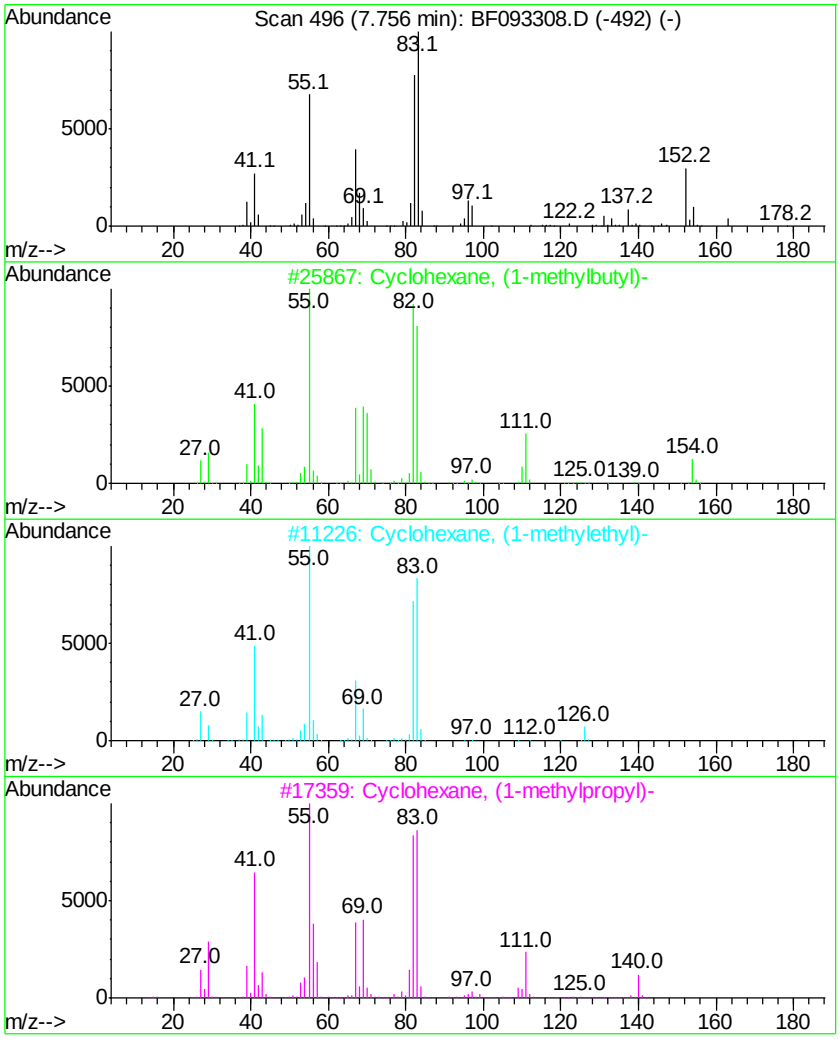
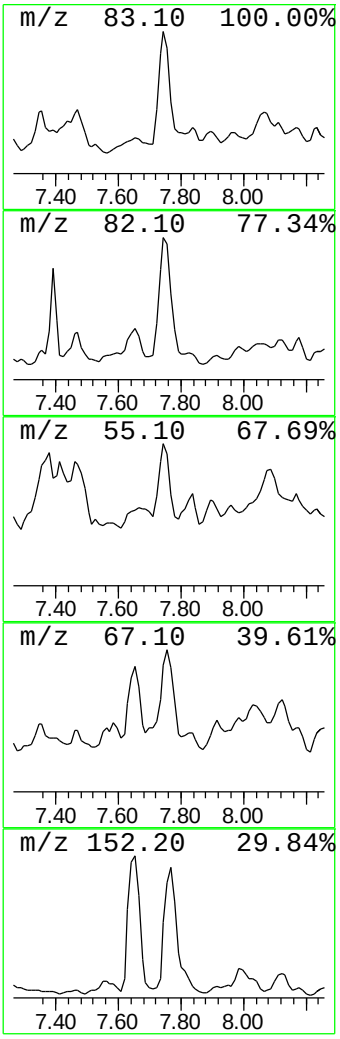
Peak Number 10 Cyclohexane, (1-methylbutyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	20.00 ng	7829300	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	59
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
3	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	59
4	1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	59
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	53





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-7(3.5-5.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Integration Parameters: LSCINT.P

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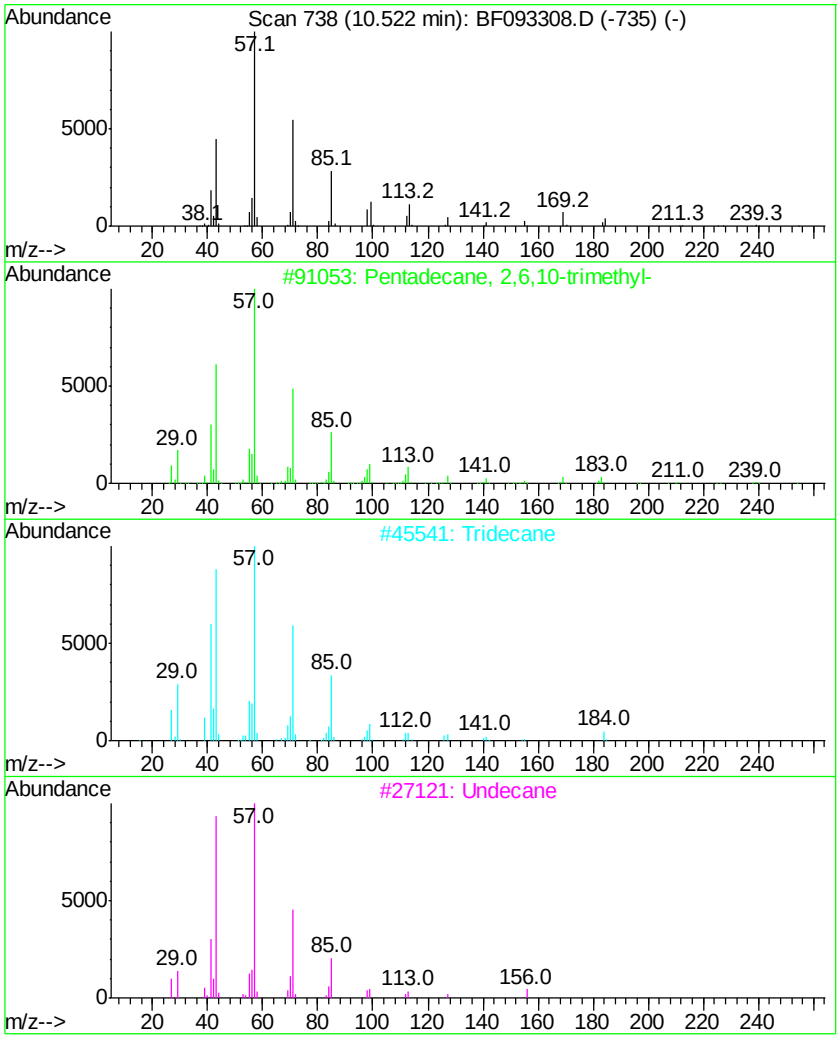
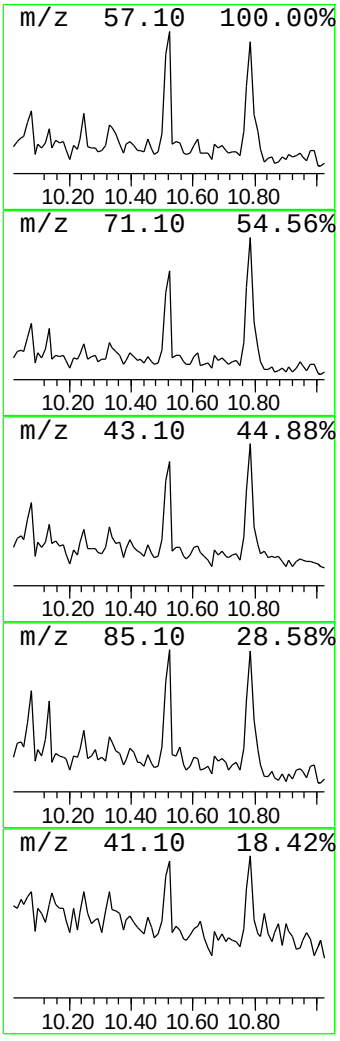
Peak Number 11 Pentadecane, 2,6,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	32.07 ng	3927300	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	87
2	Tridecane	184	C13H28	000629-50-5	87
3	Undecane	156	C11H24	001120-21-4	83
4	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	72
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68





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ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId : SSP-7(3.5-5.5)

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TIC Integration Parameters: LSCINT.P

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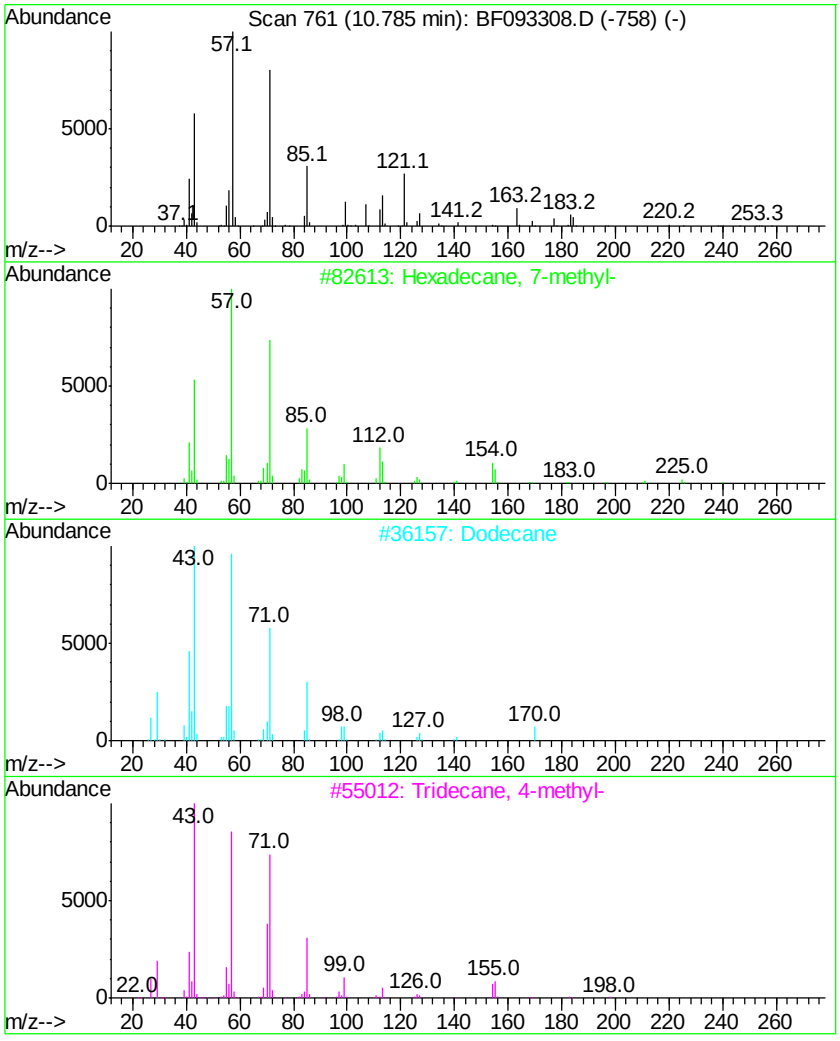
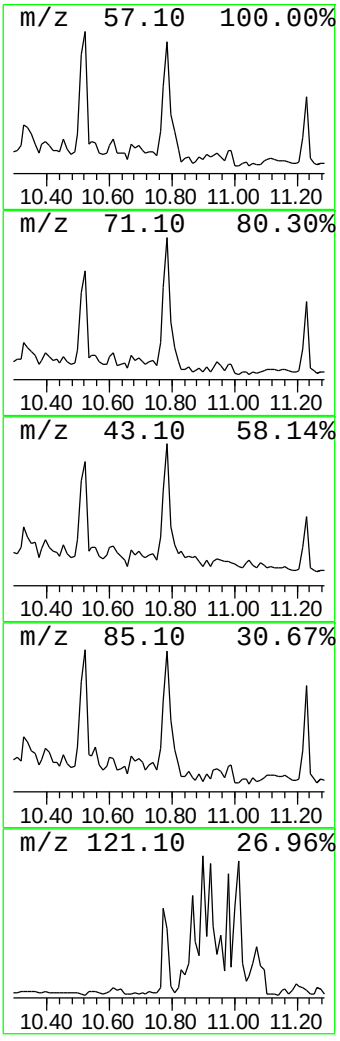
Peak Number 12 Hexadecane, 7-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	57.61 ng	7043370	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64
2	Dodecane	170	C12H26	000112-40-3	59
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	59
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	53
5	3-Hexanone, 4-ethyl-	128	C8H16O	006137-12-8	50





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ClientSampleId : SSP-7(3.5-5.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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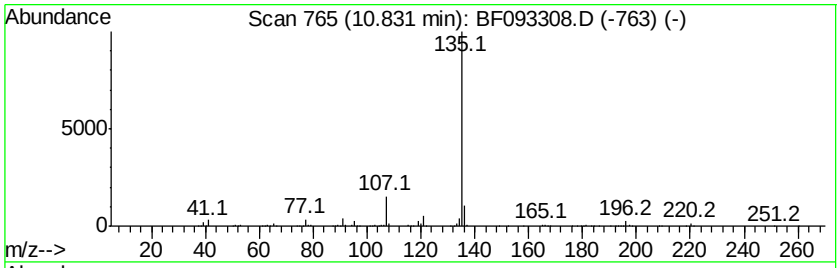
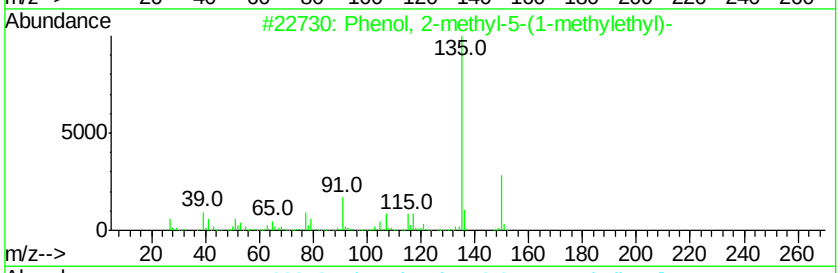
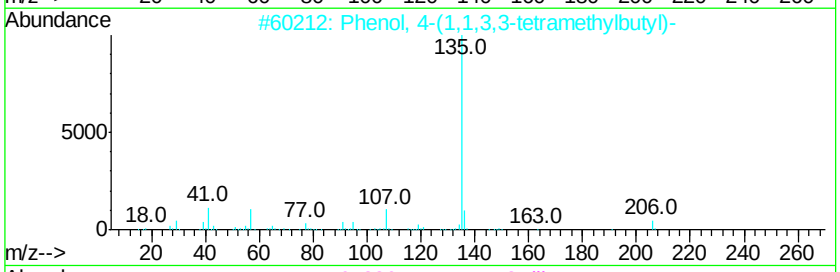
Peak Number 13 Phenol, 2-methyl-5-(1-methy... Concentration Rank 8

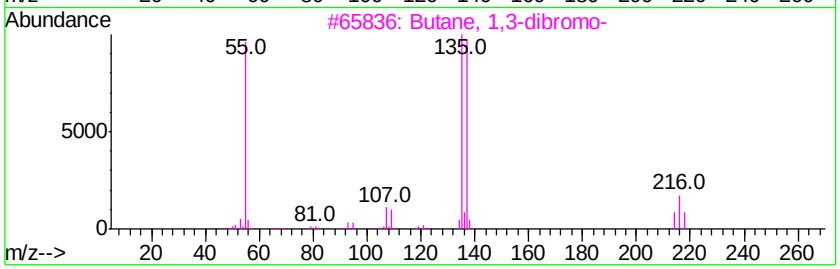
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	36.49 ng	4461400	Phenanthrene-d10	11.35

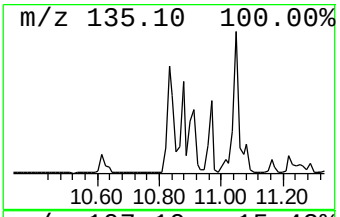
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	Butane, 1,3-dibromo-	214	C4H8Br2	000107-80-2	64
4	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
5	1-n-Hexyladamantane	220	C16H28	022458-75-9	59

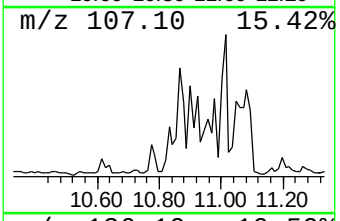


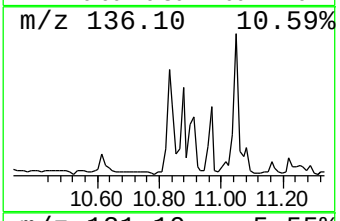


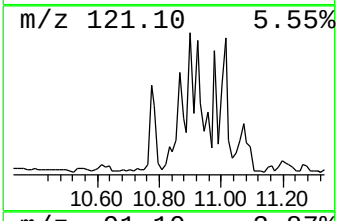


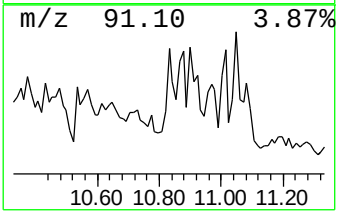












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Instrument : BNA_F
ClientSampleId : SSP-7(3.5-5.5)

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TIC Integration Parameters: LSCINT.P

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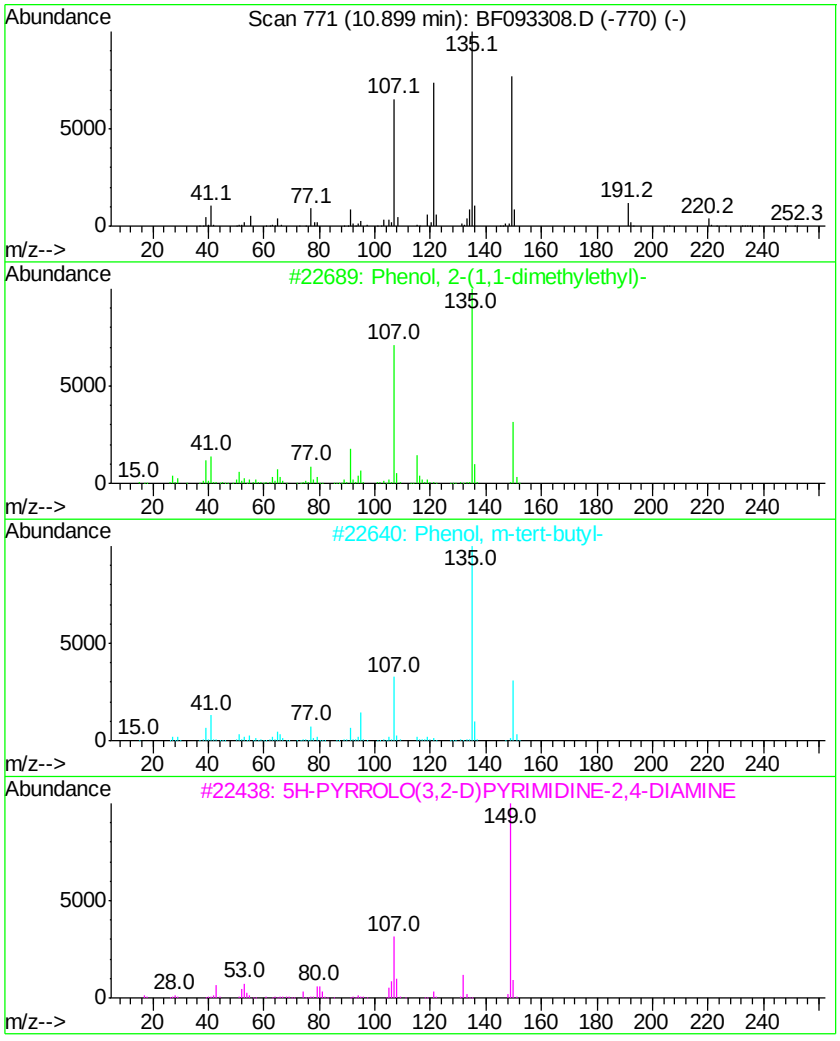
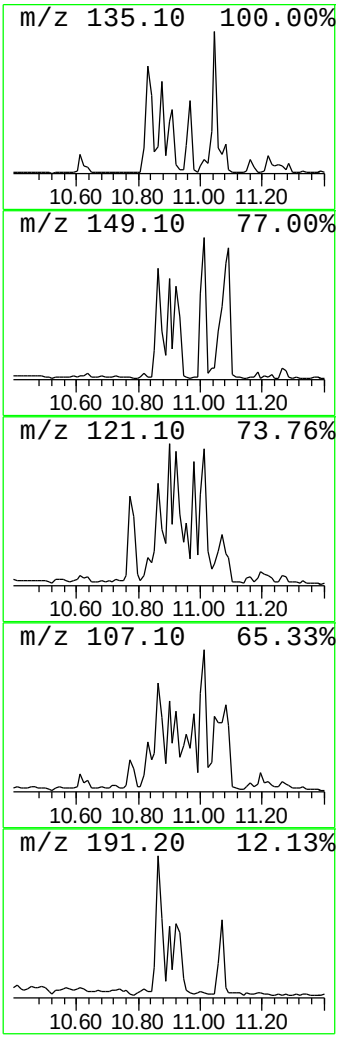
Peak Number 15 unknown10.90 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	54.90 ng	6712110	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	30
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	30
3	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	27
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	22
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	22





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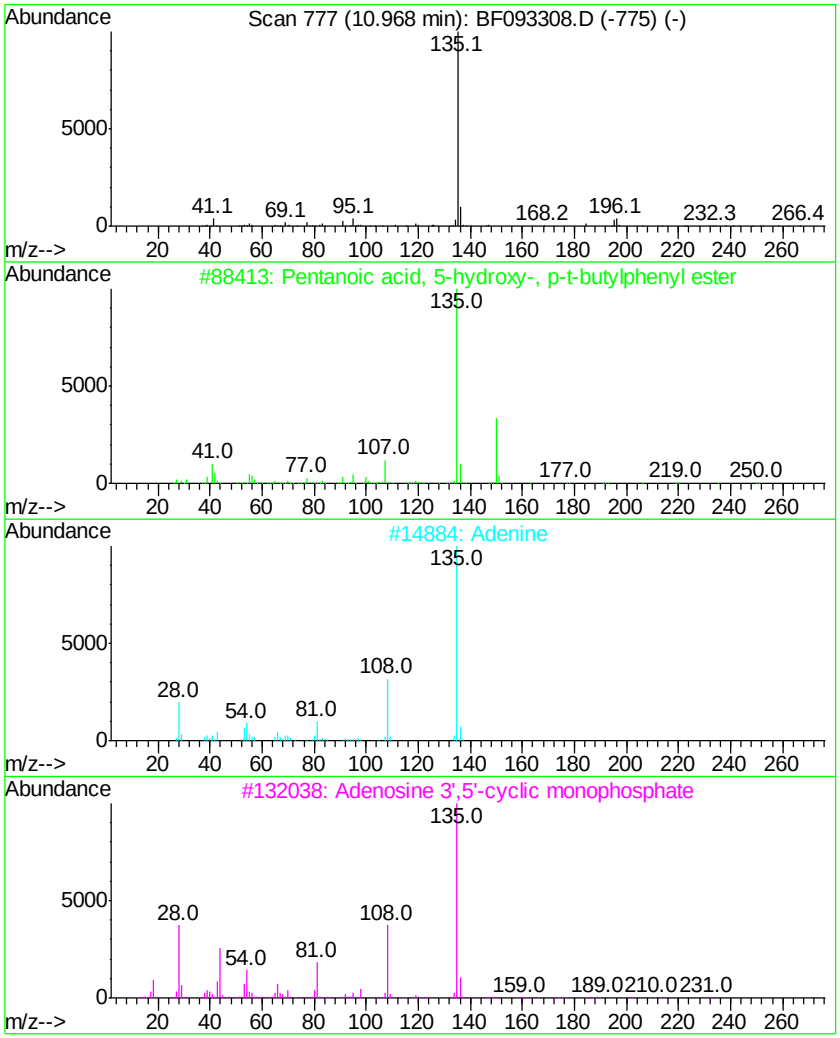
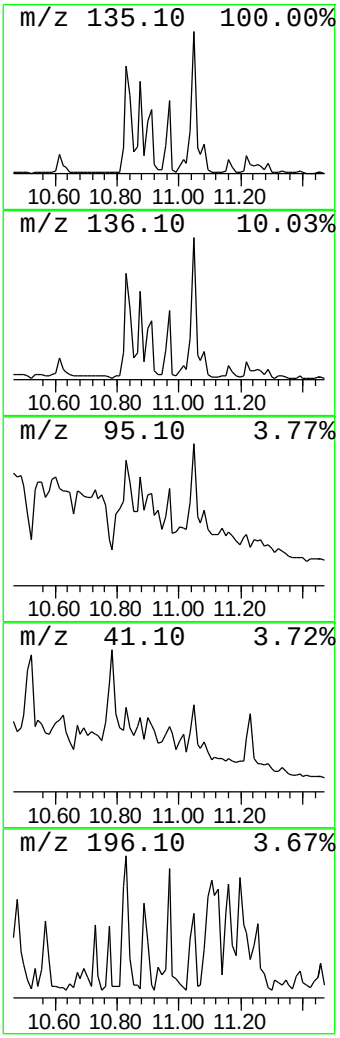
Peak Number 16 Pentanoic acid, 5-hydroxy-,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	42.08 ng	5144820	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	56
2	Adenine	135	C5H5N5	000073-24-5	9
3	Adenosine 3',5'-cyclic monophosp...	329	C10H12N5O6P	000060-92-4	9
4	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	9
5	1-Adamantanecarboxylic acid, 2-a...	314	C21H30O2	1000282-94-3	9





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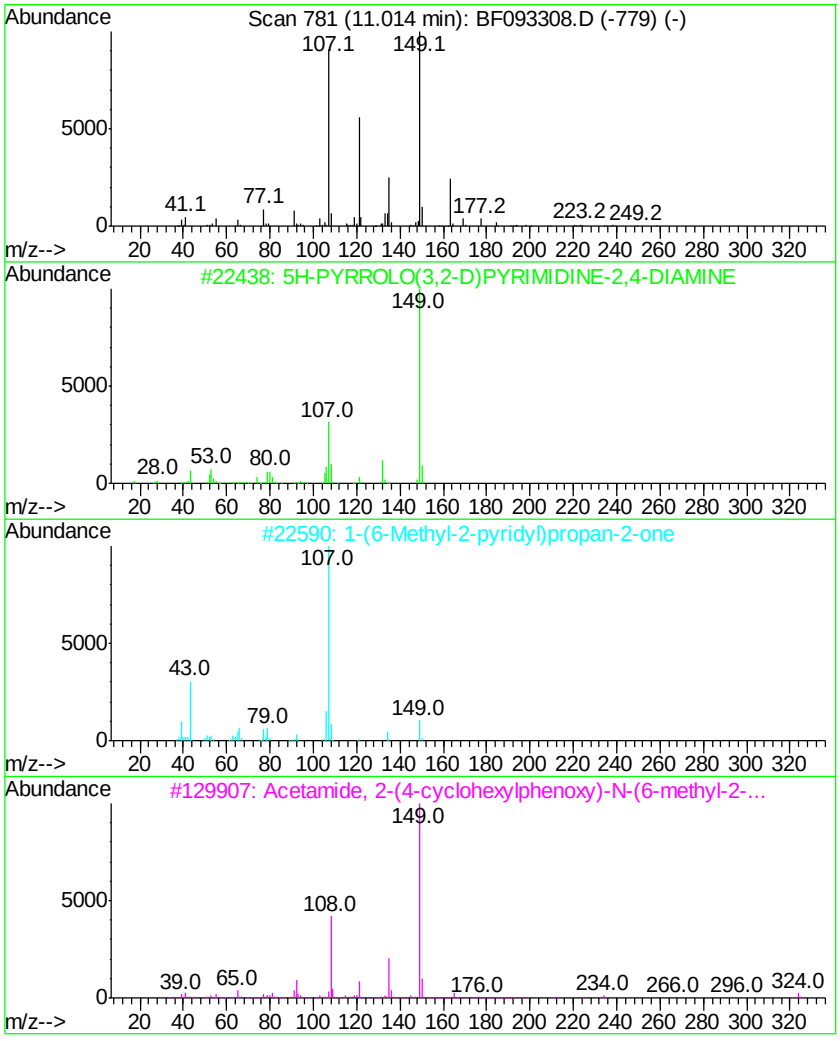
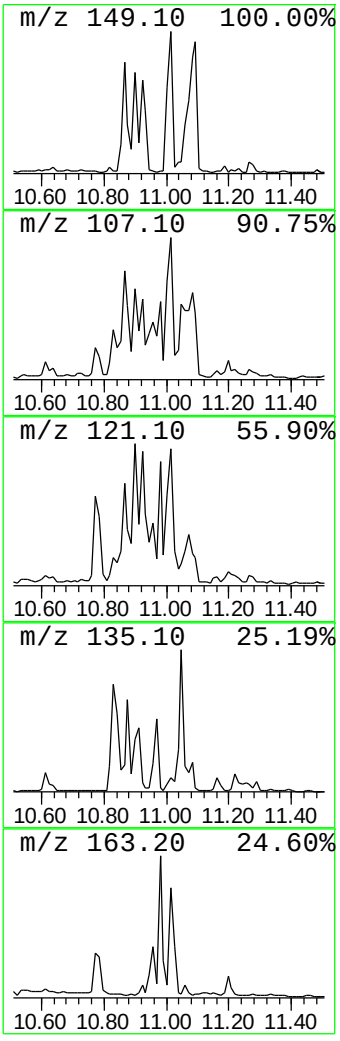
Peak Number 17 5H-PYRROLO(3,2-D)PYRIMIDINE... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	34.44 ng	4210920	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	58
2	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	42
3	Acetamide, 2-(4-cyclohexylphenox...	324	C20H24N2O2	1000263-95-6	32
4	2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	27
5	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	27





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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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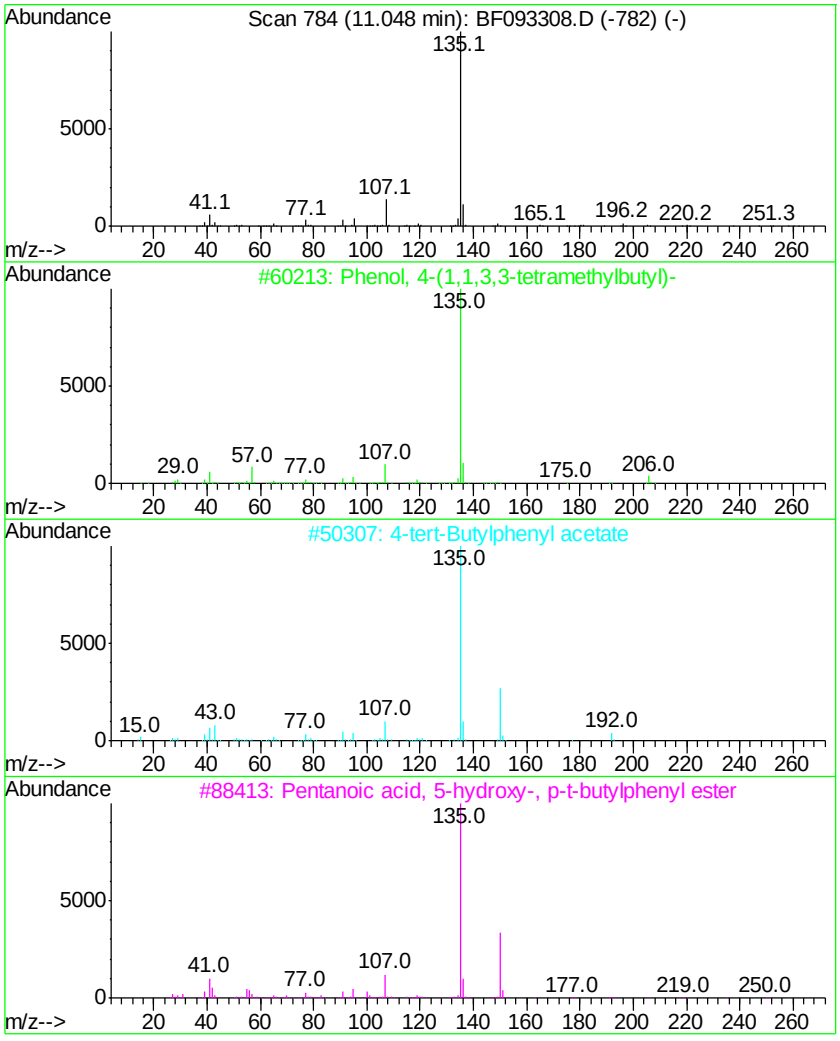
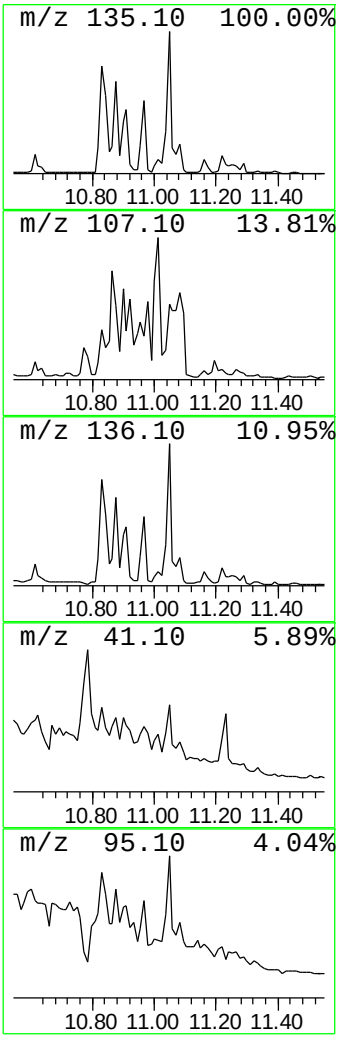
Peak Number 18 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	35.51 ng	4341130	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
3	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72
4	Butane, 1,3-dibromo-	214	C4H8Br2	000107-80-2	64
5	1,3,5-Trimethyl-2-(2,2,2-trifluo...	218	C11H13F3O	1000186-87-6	56





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093308.D
Acq On : 2 Mar 2017 00:00
Operator : SJ/MA
Sample : I2002-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-7(3.5-5.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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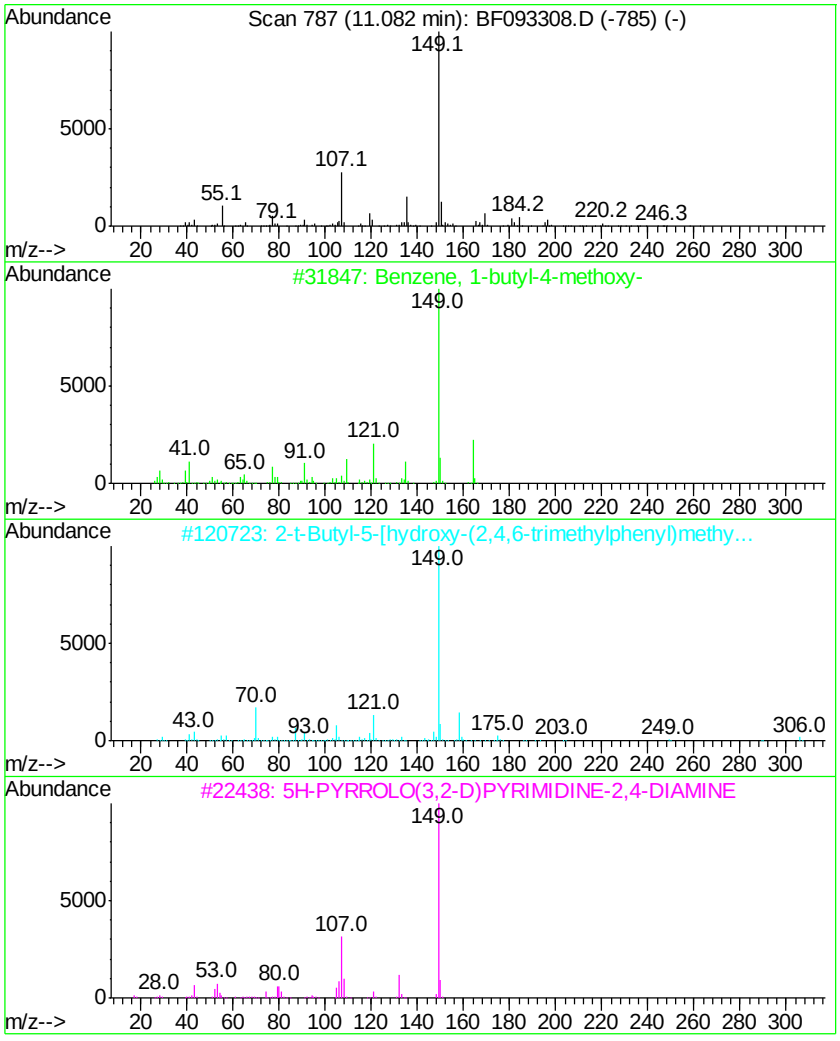
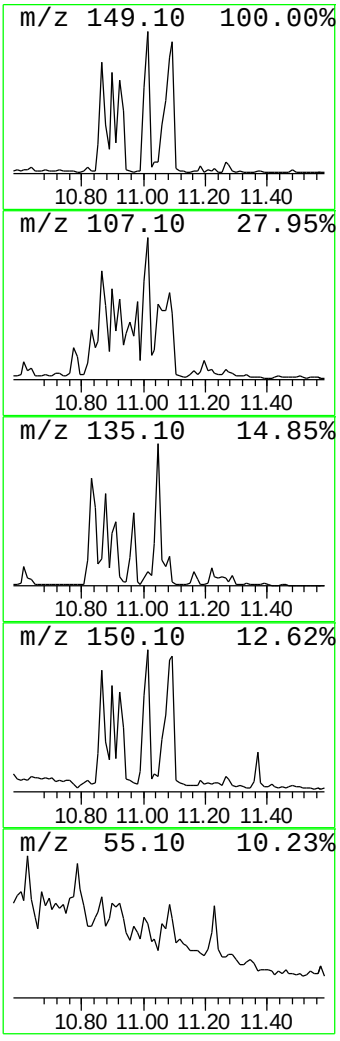
Peak Number 19 Benzene, 1-butyl-4-methoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	38.51 ng	4708610	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butyl-4-methoxy-	164	C11H16O	018272-84-9	53
2	2-t-Butyl-5-[hydroxy-(2,4,6-trim...	306	C18H26O4	092572-63-9	50
3	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	45
4	Acetamide, 2-(4-cyclohexylphenox...	324	C20H24N2O2	1000263-95-6	42
5	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	40





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093308.D
Acq On : 2 Mar 2017 00:00
Operator : SJ/MA
Sample : I2002-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-7(3.5-5.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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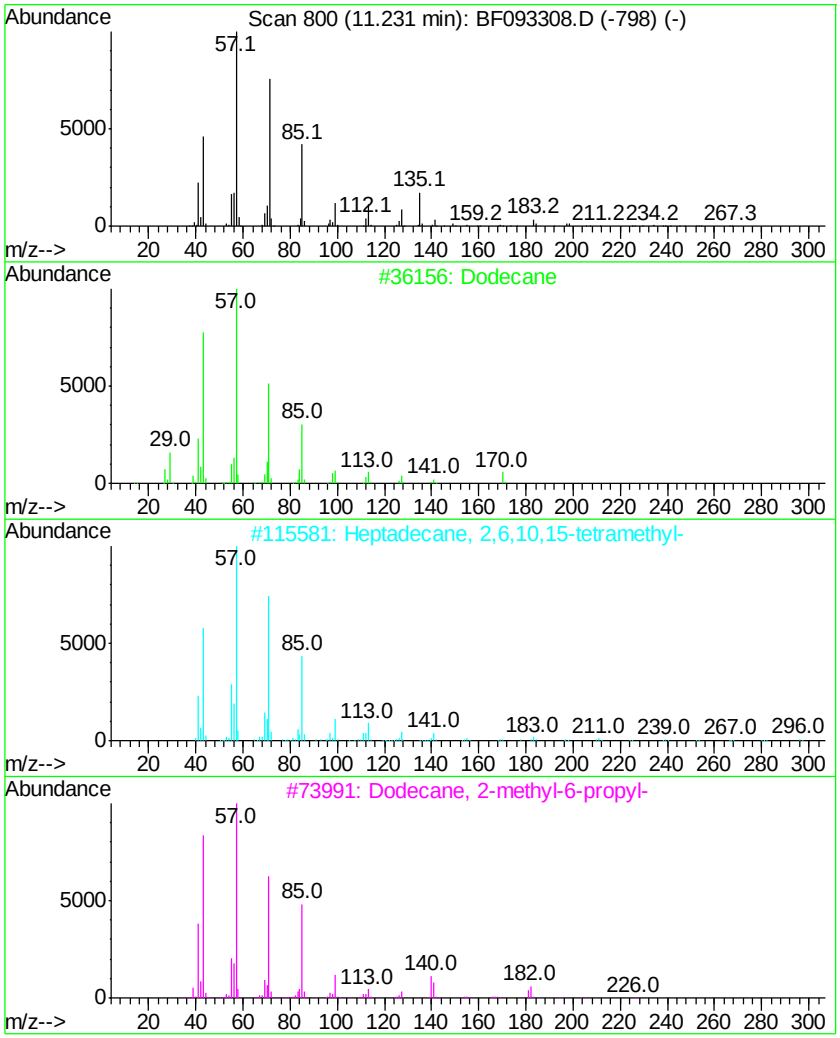
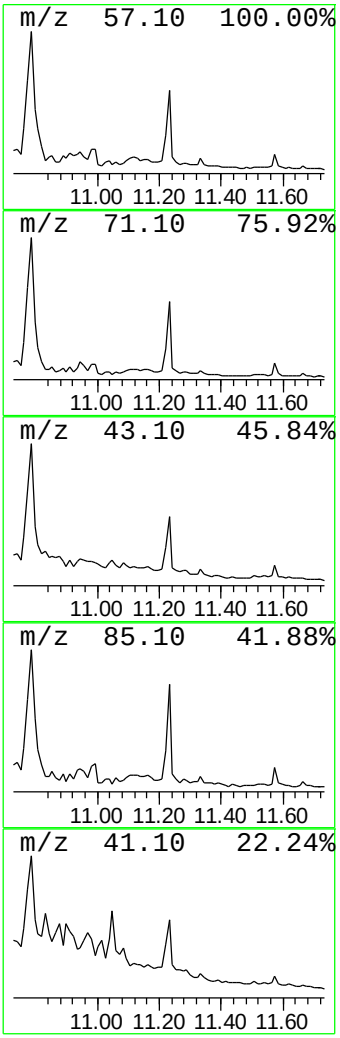
Peak Number 20 Dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	32.17 ng	3933160	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	78
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093308.D
Acq On : 2 Mar 2017 00:00
Operator : SJ/MA
Sample : I2002-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-7(3.5-5.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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
unknown6.04	6.04	39.0	ng	9456540	1	6.82	4851380	20.0
Heptane, 3-ethyl-...	6.10	39.3	ng	9526840	1	6.82	4851380	20.0
Decane, 2,5,6-tri...	6.24	30.4	ng	7368450	1	6.82	4851380	20.0
4-Nonene, 3-methy...	6.33	33.1	ng	8019960	1	6.82	4851380	20.0
Cyclohexane, 1,3-...	6.56	24.2	ng	5879340	1	6.82	4851380	20.0
Benzene, 1,2,3-tr...	6.65	22.8	ng	5539740	1	6.82	4851380	20.0
unknown6.98	6.98	46.6	ng	11305400	1	6.82	4851380	20.0
unknown7.09	7.09	33.1	ng	8021460	1	6.82	4851380	20.0
Naphthalene, deca...	7.22	24.5	ng	5934030	1	6.82	4851380	20.0
Cyclohexane, (1-m...	7.76	20.0	ng	7829300	2	8.12	7829300	20.0
Pentadecane, 2,6,...	10.52	32.1	ng	3927300	3	9.89	2448880	20.0
Hexadecane, 7-met...	10.79	57.6	ng	7043370	4	11.35	2445190	20.0
Phenol, 2-methyl-...	10.83	36.5	ng	4461400	4	11.35	2445190	20.0
unknown10.90	10.90	54.9	ng	6712110	4	11.35	2445190	20.0
Pentanoic acid, 5...	10.97	42.1	ng	5144820	4	11.35	2445190	20.0
5H-PYRROLO(3,2-D)...	11.01	34.4	ng	4210920	4	11.35	2445190	20.0
Phenol, 4-(1,1,3,...	11.05	35.5	ng	4341130	4	11.35	2445190	20.0
Benzene, 1-butyl-...	11.08	38.5	ng	4708610	4	11.35	2445190	20.0
Dodecane	11.23	32.2	ng	3933160	4	11.35	2445190	20.0