LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
Data File : BF086506.D
Acq On : 29 Apr 2016 21:53
Operator : UM/SJ
Sample : H2757-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5(1)

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-BF042716.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	3.584	123	131	135	rBV	481998	957047	6.48%	0.625%
2	3.904	155	159	162	rBV3	102788	188640	1.28%	0.123%
3	4.281	190	192	197	rVB2	139622	255191	1.73%	0.167%
4	4.750	231	233	236	rVB	131322	173489	1.18%	0.113%
5	4.853	239	242	245	rVB	347692	561700	3.80%	0.367%
6	4.910	245	247	248	rBV	249434	299067	2.03%	0.195%
7	4.933	248	249	253	rVB	197728	285983	1.94%	0.187%
8	5.139	264	267	268	rBV	393326	519851	3.52%	0.340%
9	5.207	270	273	274	rBV	520265	617838	4.19%	0.404%
10	5.253	276	277	280	rVB	258668	260320	1.76%	0.170%
11	5.321	280	283	285	rBV2	2175335	3809519	25.81%	2.488%
12	5.367	285	287	289	rVB	3987564	4257511	28.84%	2.781%
13	5.424	289	292	295	rVB3	142612	229369	1.55%	0.150%
14	5.516	298	300	302	rBV	452440	620191	4.20%	0.405%
15	5.561	302	304	305	rBV	587517	463667	3.14%	0.303%
16	5.596	305	307	311	rVB2	1408667	2047377	13.87%	1.337%
17	5.664	311	313	316	rVB2	328817	483917	3.28%	0.316%
18	5.779	320	323	325	rVB2	820880	1288594	8.73%	0.842%
19	5.836	325	328	329	rBV2	535954	910582	6.17%	0.595%
20	5.916	332	335	338	rVB2	1632136	1967742	13.33%	1.285%
21	5.973	338	340	342	rBV2	566976	994665	6.74%	0.650%
22	6.019	342	344	347	rVB	3147209	3868313	26.20%	2.527%
23	6.076	347	349	351	rBV	1393051	1567434	10.62%	1.024%
24	6.110	351	352	358	rVB4	573629	1575968	10.68%	1.029%
25	6.213	358	361	364	rBV3	1680032	3609524	24.45%	2.358%
26	6.304	364	369	371	rBV3	2242564	5178799	35.08%	3.383%
27	6.373	374	375	377	rBV2	1495400	1902097	12.88%	1.242%
28	6.430	377	380	381	rBV	3196363	4722931	31.99%	3.085%
29	6.453	381	382	386	rVB3	972284	2010479	13.62%	1.313%
30	6.556	386	391	394	rBV2	4083579	9403463	63.70%	6.142%
31	6.613	394	396	400	rVB4	2052048	3942089	26.70%	2.575%
32	6.670	400	401	402	rBV	310591	343372	2.33%	0.224%
33	6.727	403	406	408	rBV2	1100680	2619147	17.74%	1.711%
34	6.784	408	411	412	rBV	1078583	1441575	9.77%	0.942%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
Data File : BF086506.D
Acq On : 29 Apr 2016 21:53
Operator : UM/SJ
Sample : H2757-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5(1)

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-BF042716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.807	412	413	415	rVB	4316555	4635292	31.40%	3.028%
36	6.853	415	417	418	rBV	1884513	2809767	19.03%	1.835%
37	6.887	418	420	421	rBV2	608120	547817	3.71%	0.358%
38	6.944	421	425	426	rBV2	4835014	7811587	52.92%	5.102%
39	7.036	429	433	434	rBV2	1733611	4250353	28.79%	2.776%
40	7.070	434	436	438	rVB2	2561040	4047791	27.42%	2.644%
41	7.104	438	439	441	rBV2	1833010	2384952	16.16%	1.558%
42	7.139	441	442	444	rBV	764699	1064953	7.21%	0.696%
43	7.184	444	446	448	rBV2	3580387	4285770	29.03%	2.799%
44	7.264	451	453	455	rBV3	378036	629319	4.26%	0.411%
45	7.333	455	459	466	rBV7	4422155	14762281	100.00%	9.642%
46	7.436	466	468	471	rBV3	2880663	5207710	35.28%	3.401%
47	7.516	471	475	477	rBV4	2732791	6237192	42.25%	4.074%
48	7.573	477	480	481	rBV2	2946548	5119714	34.68%	3.344%
49	7.596	481	482	485	rVB2	2819284	4287108	29.04%	2.800%
50	7.722	488	493	495	rBV5	2751436	7136904	48.35%	4.662%
51	7.767	495	497	499	rVB3	1563197	2241015	15.18%	1.464%
52	7.825	499	502	503	rBV2	2469950	3617013	24.50%	2.362%
53	7.905	507	509	511	rVB2	1442157	1779739	12.06%	1.162%
54	7.950	511	513	518	rBV3	1309481	3745967	25.38%	2.447%
55	8.076	522	524	526	rBV2	1856799	3123102	21.16%	2.040%

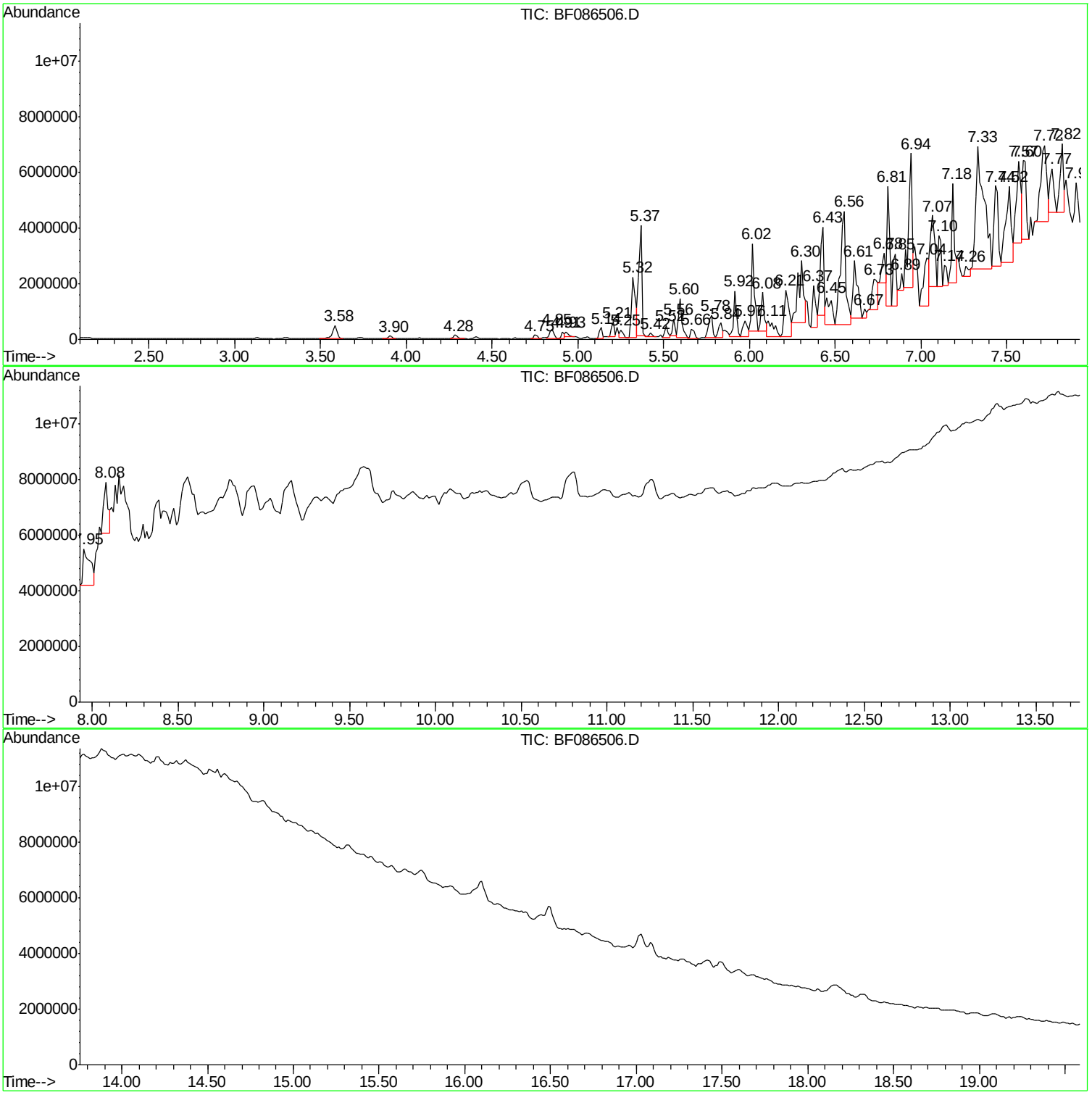
Sum of corrected areas: 153102797

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
Data File : BF086506.D
Acq On : 29 Apr 2016 21:53
Operator : UM/SJ
Sample : H2757-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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\BF042916\
Data File : BF086506.D
Acq On : 29 Apr 2016 21:53
Operator : UM/SJ
Sample : H2757-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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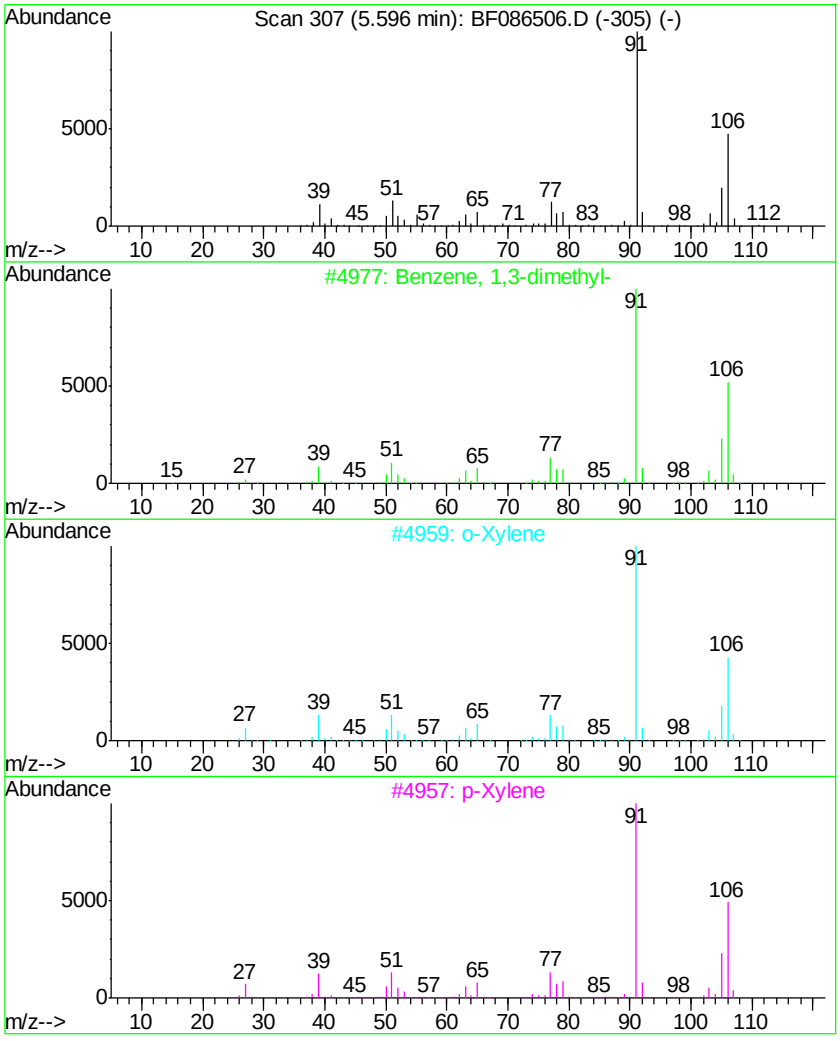
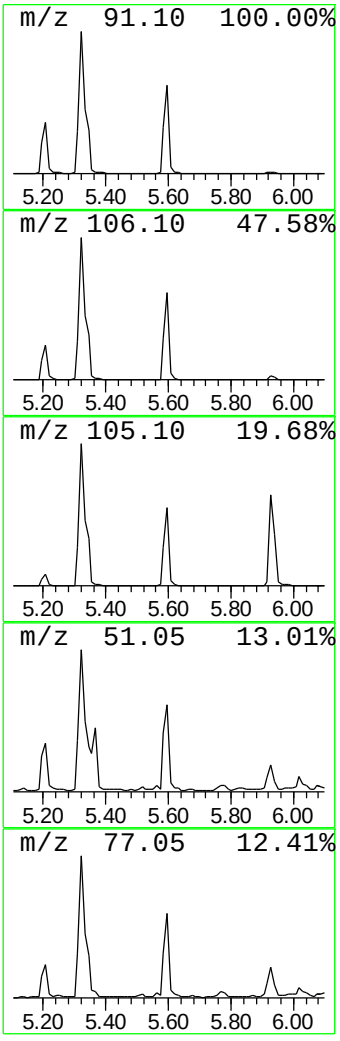
Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	28.40 ng	2047380	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	Ethylbenzene	106	C8H10	000100-41-4	87
5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
Data File : BF086506.D
Acq On : 29 Apr 2016 21:53
Operator : UM/SJ
Sample : H2757-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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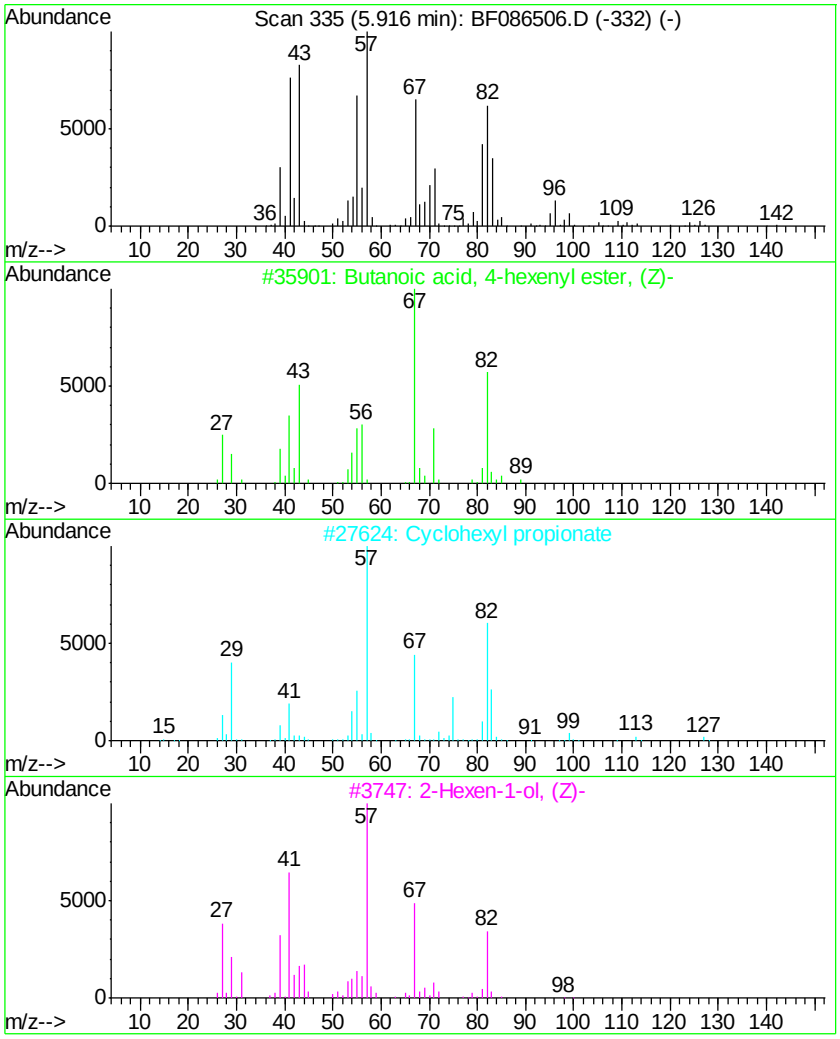
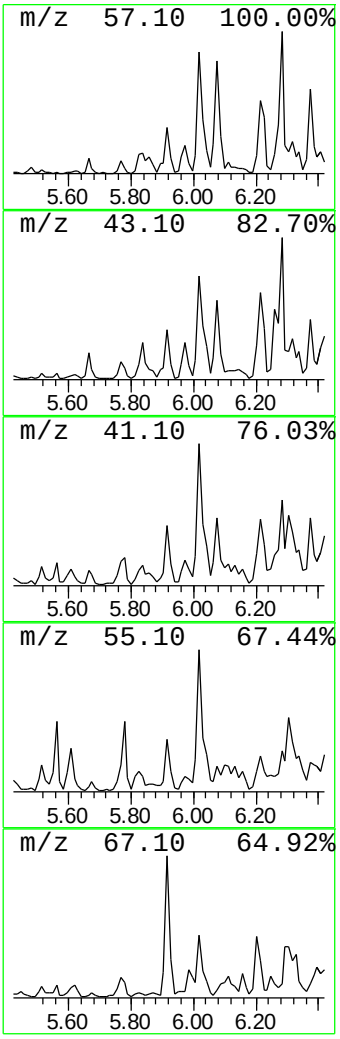
Peak Number 2 unknown5.92 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	27.30 ng	1967740	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 4-hexenyl ester, ...	170	C10H18O2	069727-41-9	47
2	Cyclohexyl propionate	156	C9H16O2	006222-35-1	47
3	2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	43
4	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	38
5	5-Chloropentanoic acid, cyclohex...	218	C11H19ClO2	1000293-37-5	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
Data File : BF086506.D
Acq On : 29 Apr 2016 21:53
Operator : UM/SJ
Sample : H2757-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

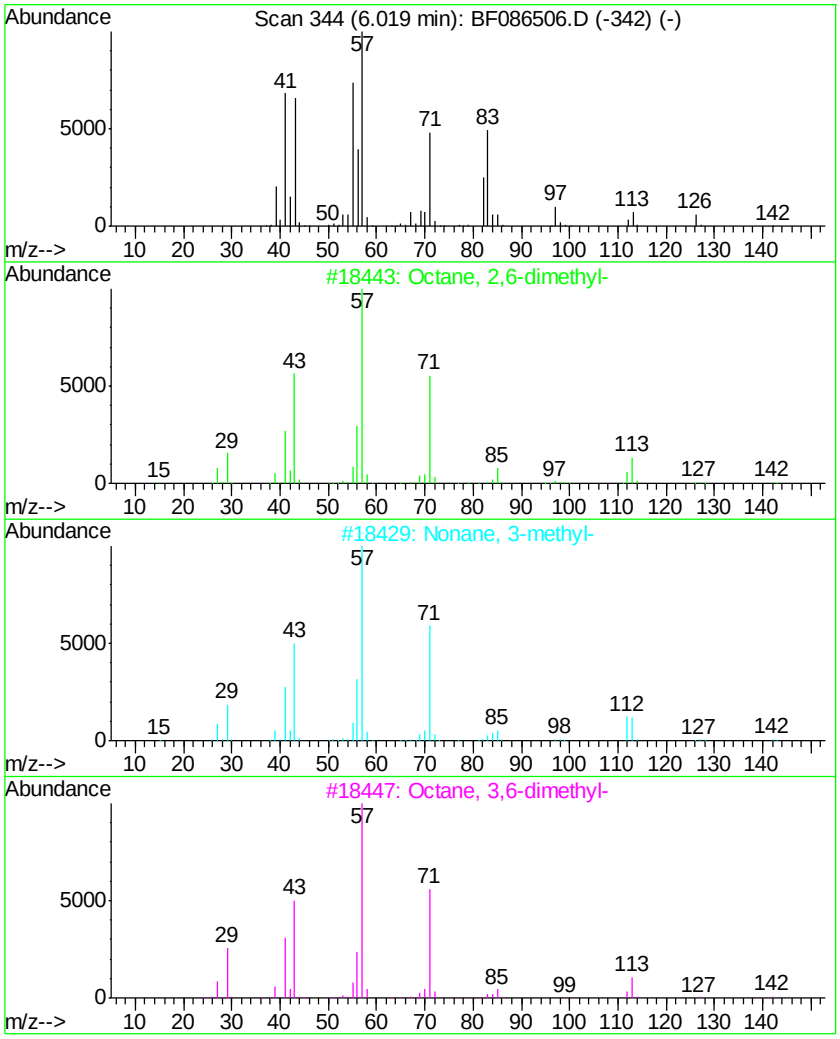
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

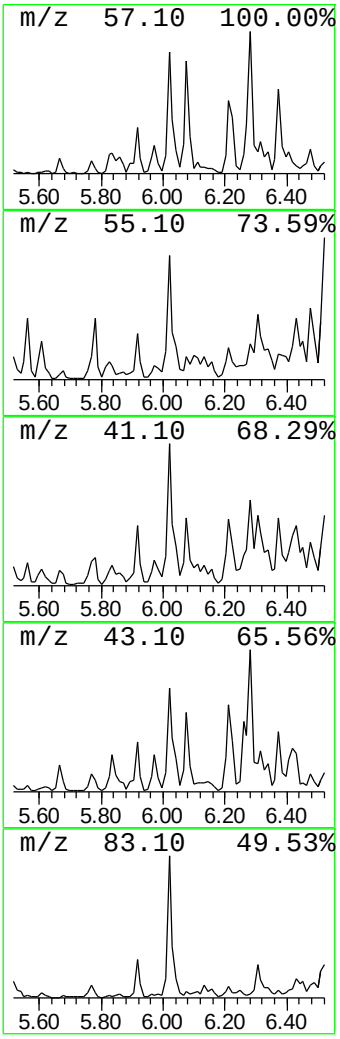
****

Peak Number 3 unknown6.02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	53.67 ng	3868310	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	46
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	43
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	35
4	1-Hexyn-3-ol	98	C6H10O	000105-31-7	35
5	3-Nonene, (E)-	126	C9H18	020063-92-7	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
Data File : BF086506.D
Acq On : 29 Apr 2016 21:53
Operator : UM/SJ
Sample : H2757-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

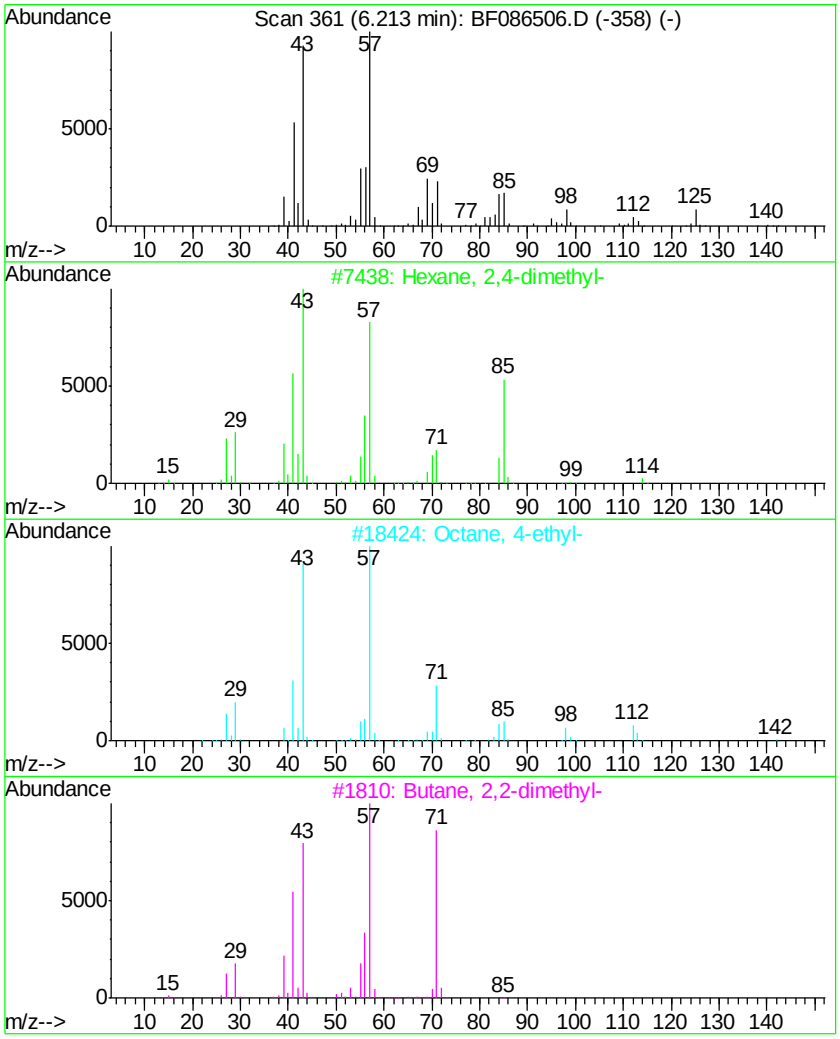
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

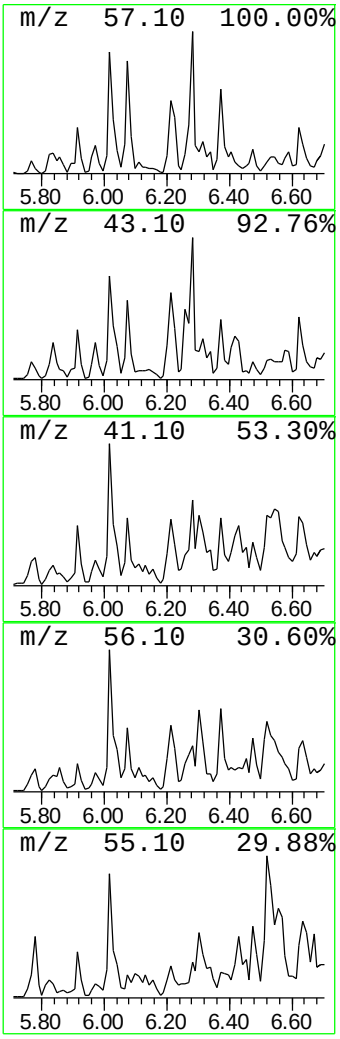
****

Peak Number 4 Hexane, 2,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	50.08 ng	3609520	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	52
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	47
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	43
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	43
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
Data File : BF086506.D
Acq On : 29 Apr 2016 21:53
Operator : UM/SJ
Sample : H2757-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

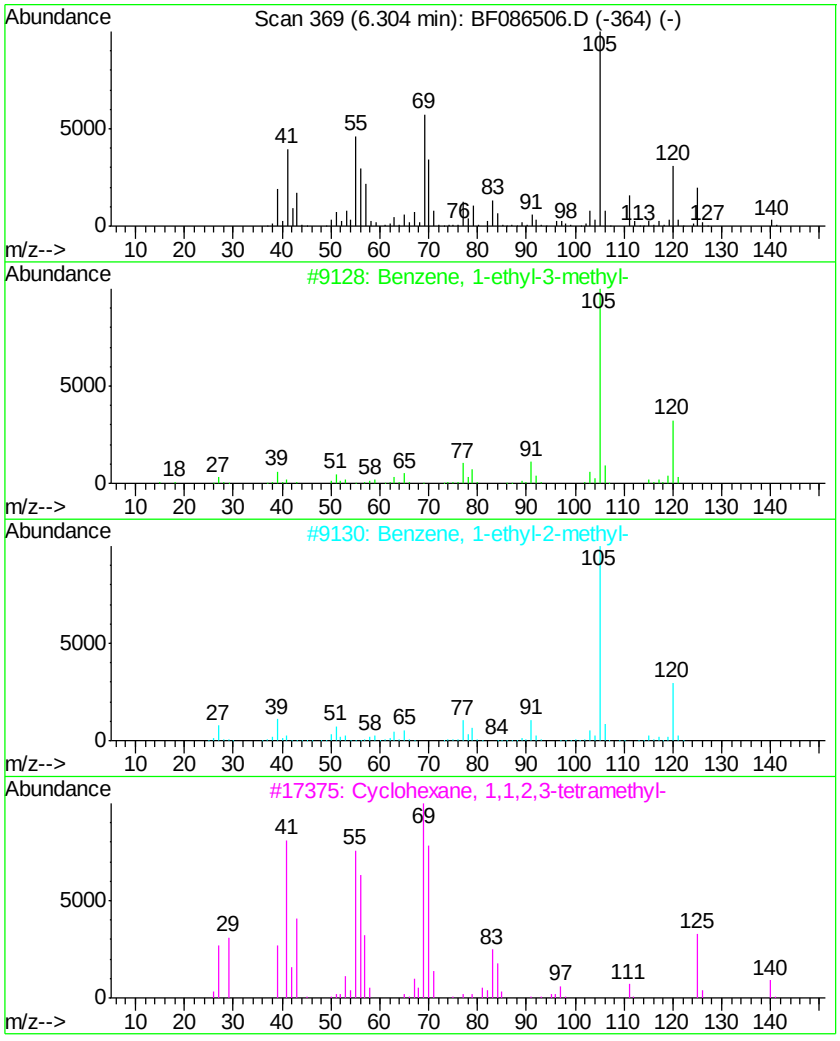
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

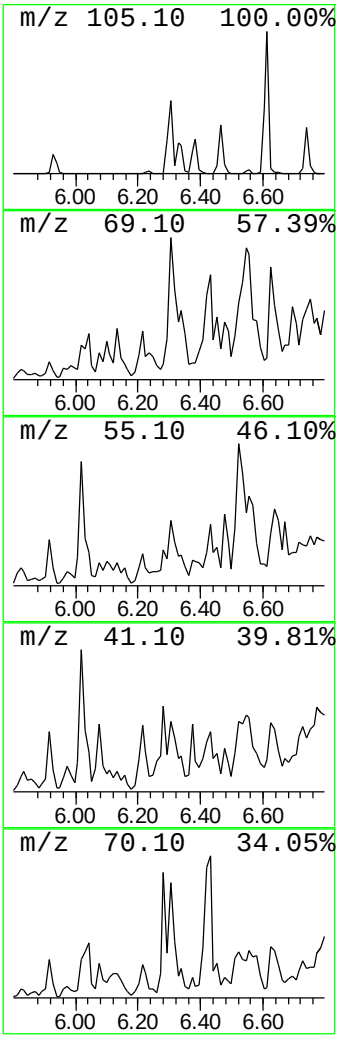
****

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	71.85 ng	5178800	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	51
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	51
3	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	43
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	38
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
Data File : BF086506.D
Acq On : 29 Apr 2016 21:53
Operator : UM/SJ
Sample : H2757-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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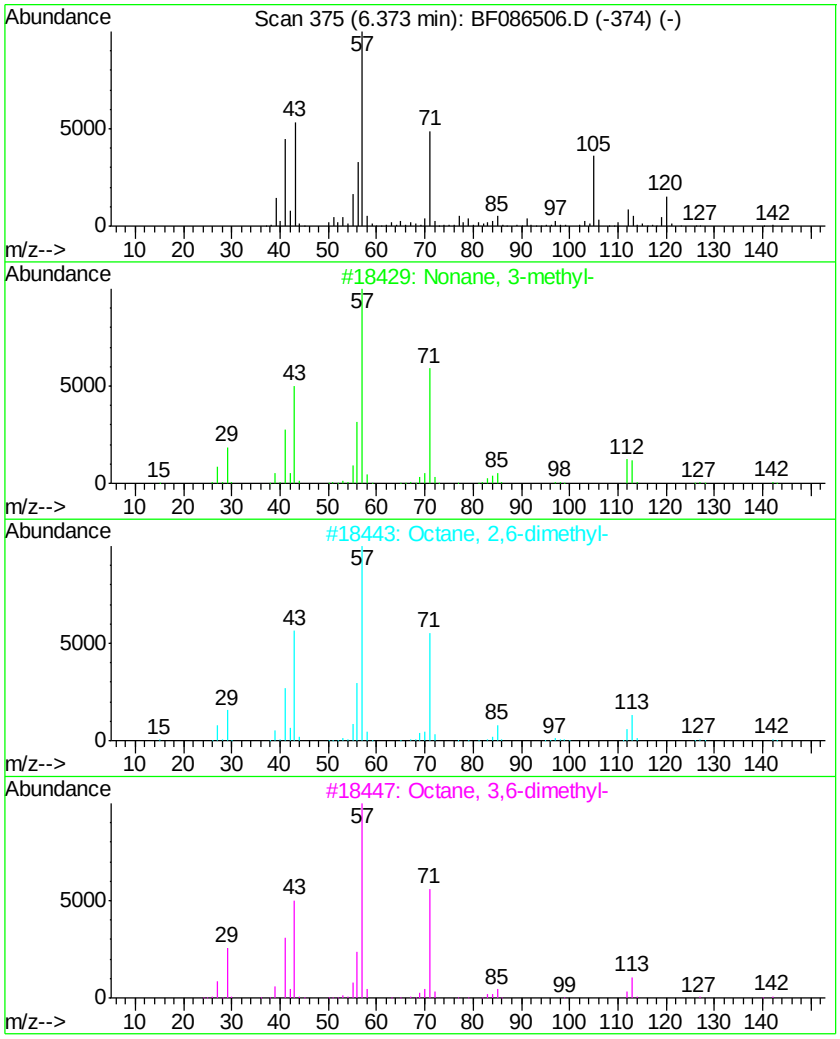
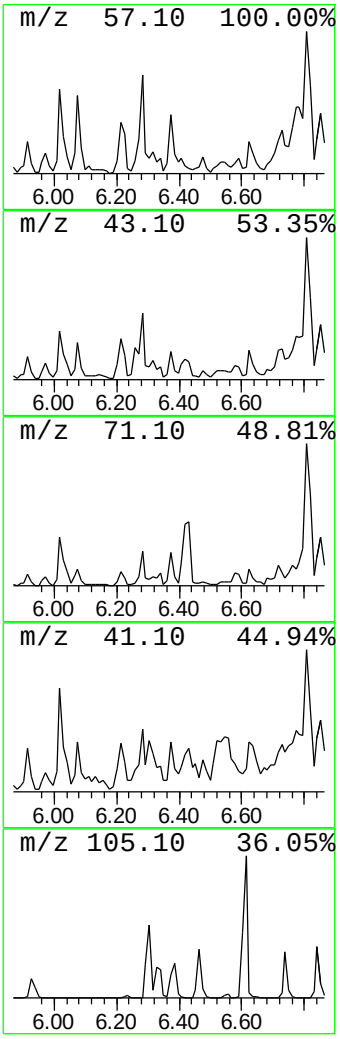
Peak Number 6 Nonane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	26.39 ng	1902100	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	53
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
Data File : BF086506.D
Acq On : 29 Apr 2016 21:53
Operator : UM/SJ
Sample : H2757-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

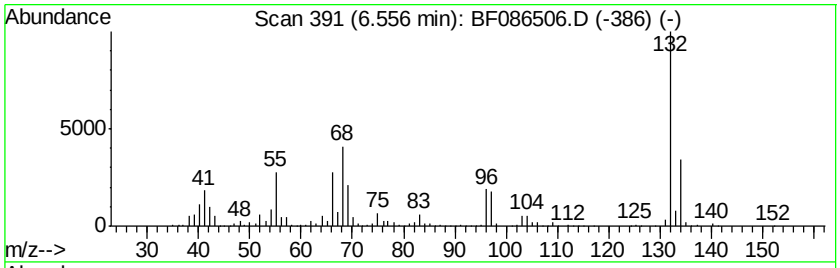
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

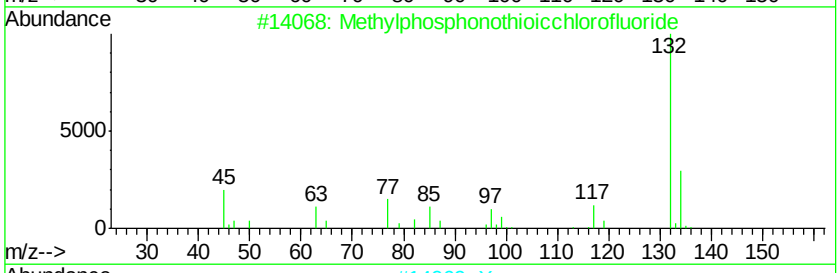
****

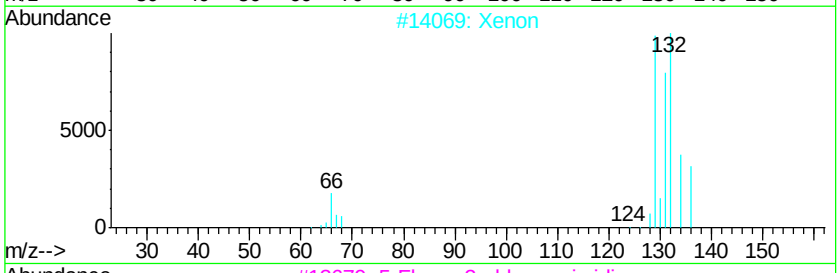
Peak Number 7 unknown6.56 Concentration Rank 1

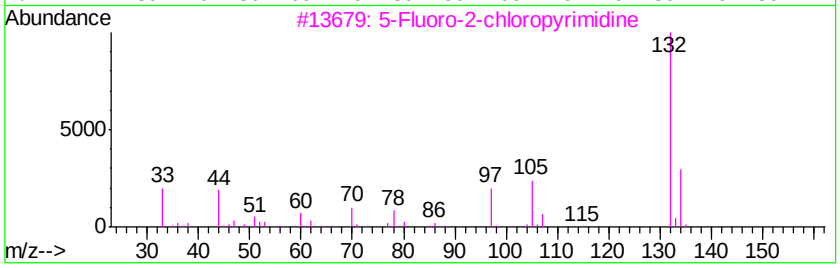
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	130.46 ng	9403460	1,4-Dichlorobenzene-d4	6.78

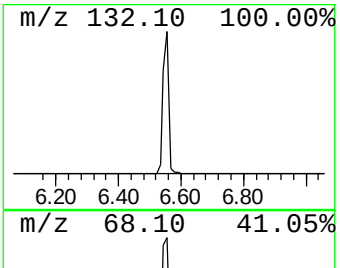
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	27
2	Xenon	132	Xe	007440-63-3	25
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Aminoindole	132	C8H8N2	005192-03-0	9

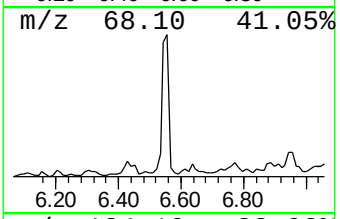


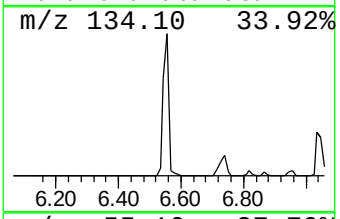


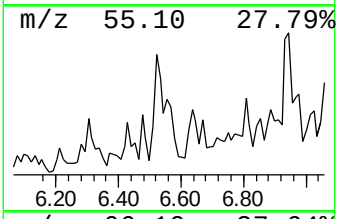


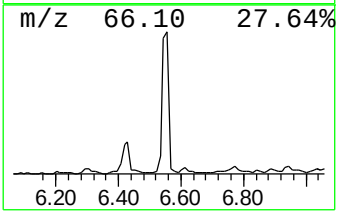












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Data File : BF086506.D
Acq On : 29 Apr 2016 21:53
Operator : UM/SJ
Sample : H2757-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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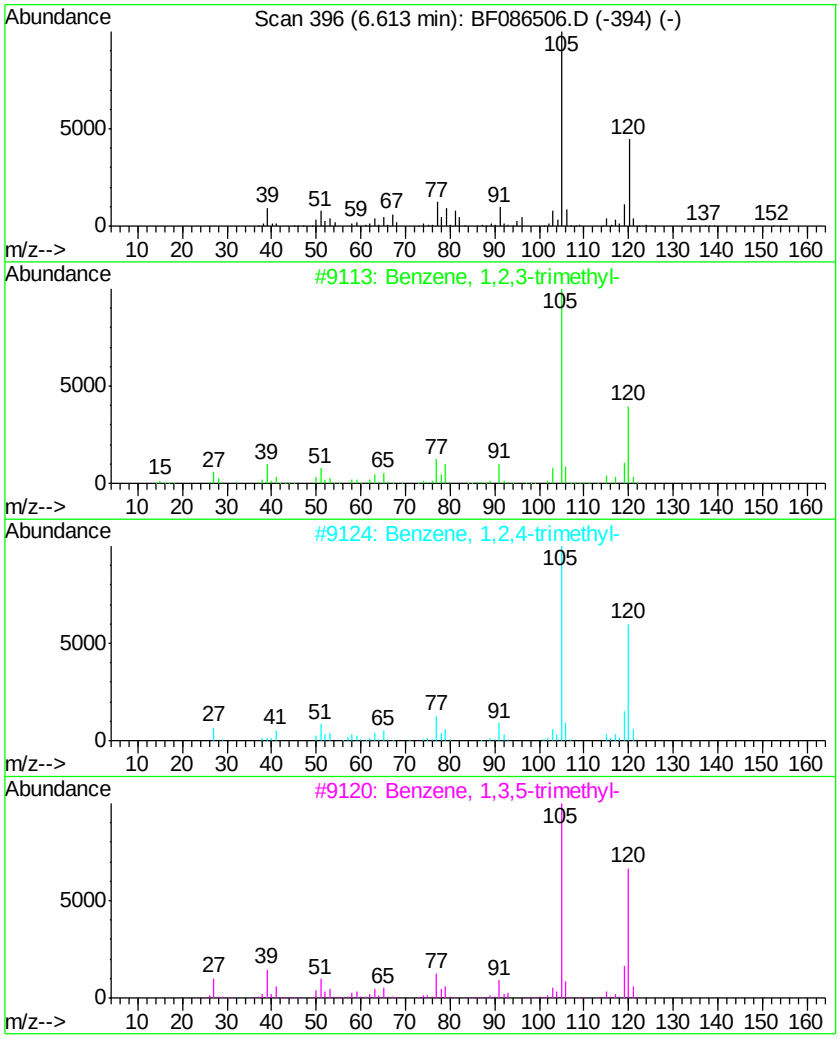
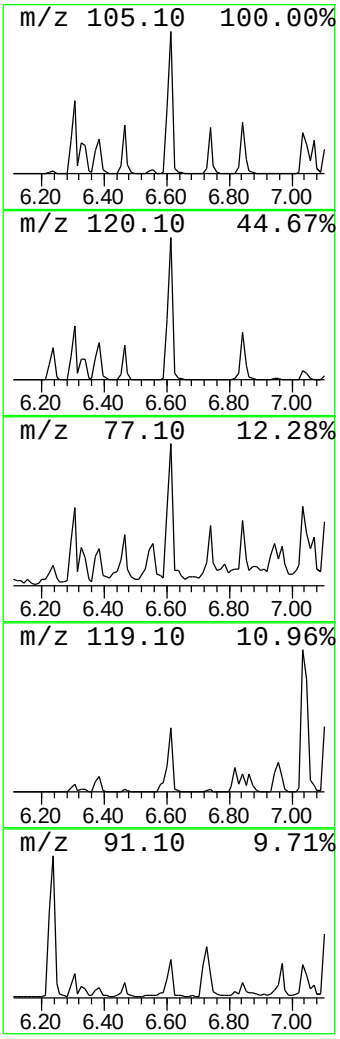
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	54.69 ng	3942090	1,4-Dichlorobenzene-d4	6.78

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	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





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Sample : H2757-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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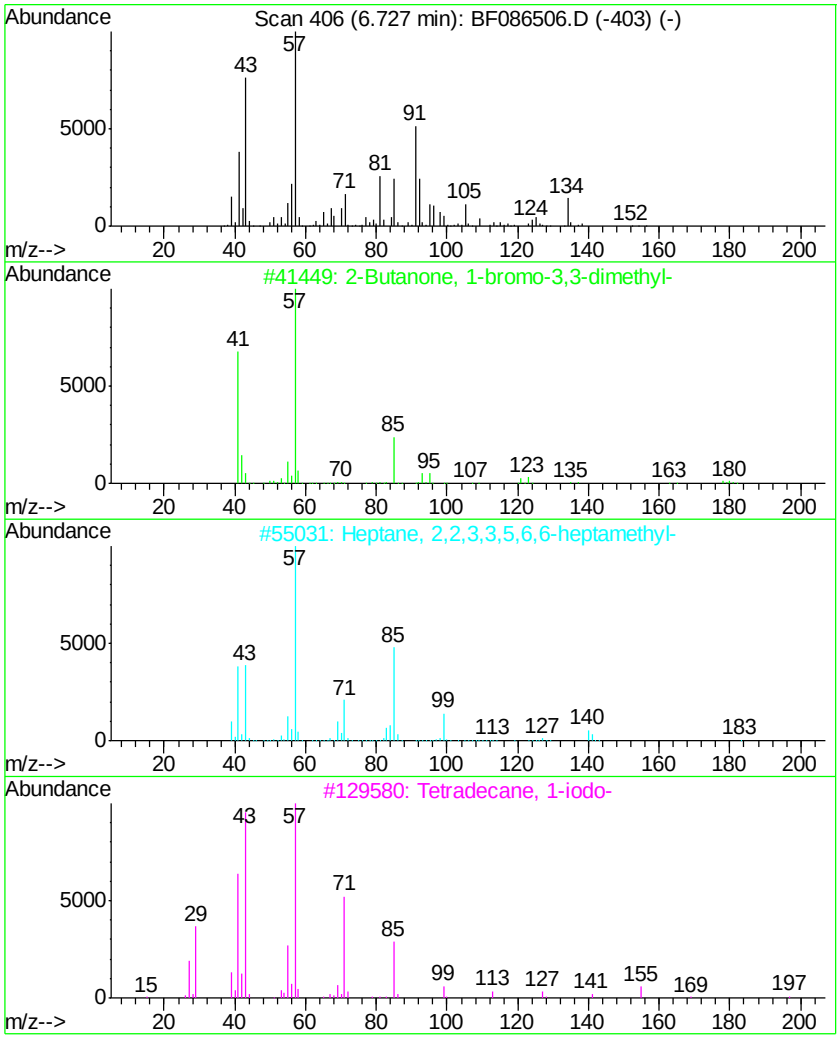
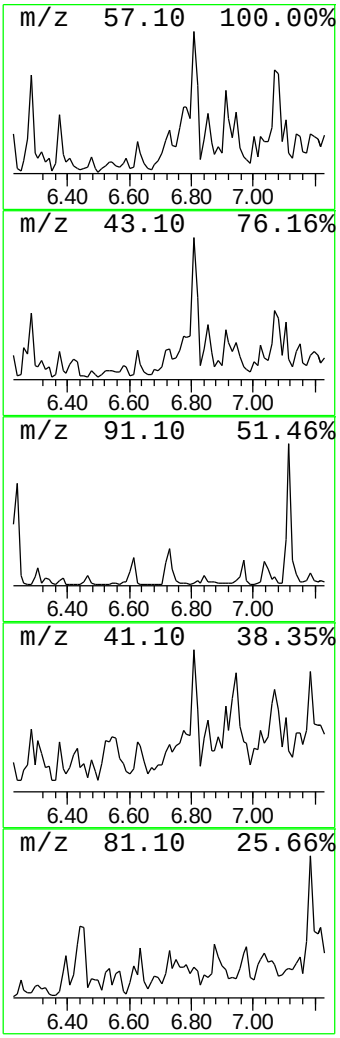
Peak Number 9 unknown6.73 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	36.34 ng	2619150	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 1-bromo-3,3-dimethyl-	178	C6H11BrO	005469-26-1	22
2	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	22
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	22
4	Bicyclo[4.2.0]oct-1-ene, 7-endo-...	134	C10H14	1000142-18-3	14
5	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	14





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Sample : H2757-05
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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5(1)

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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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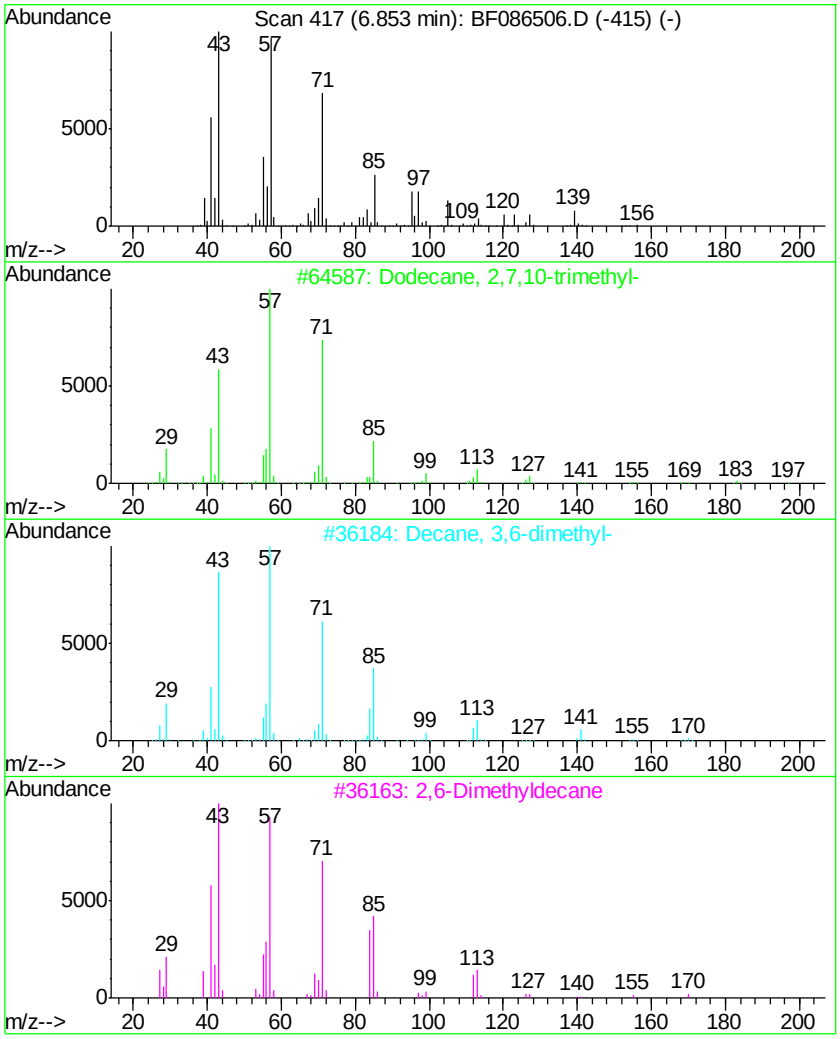
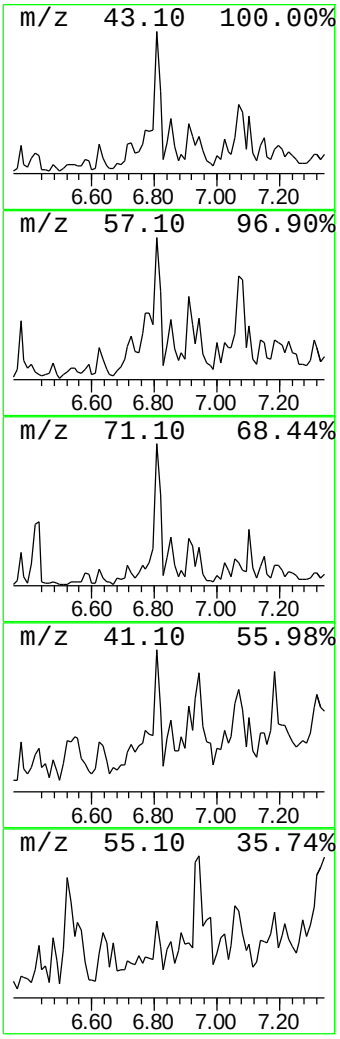
Peak Number 10 Dodecane, 2,7,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	38.98 ng	2809770	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	53
3	2,6-Dimethyldecane	170	C12H26	013150-81-7	53
4	Octane, 4-methyl-	128	C9H20	002216-34-4	50
5	Tetradecane	198	C14H30	000629-59-4	43





Library Search Compound Report

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Sample : H2757-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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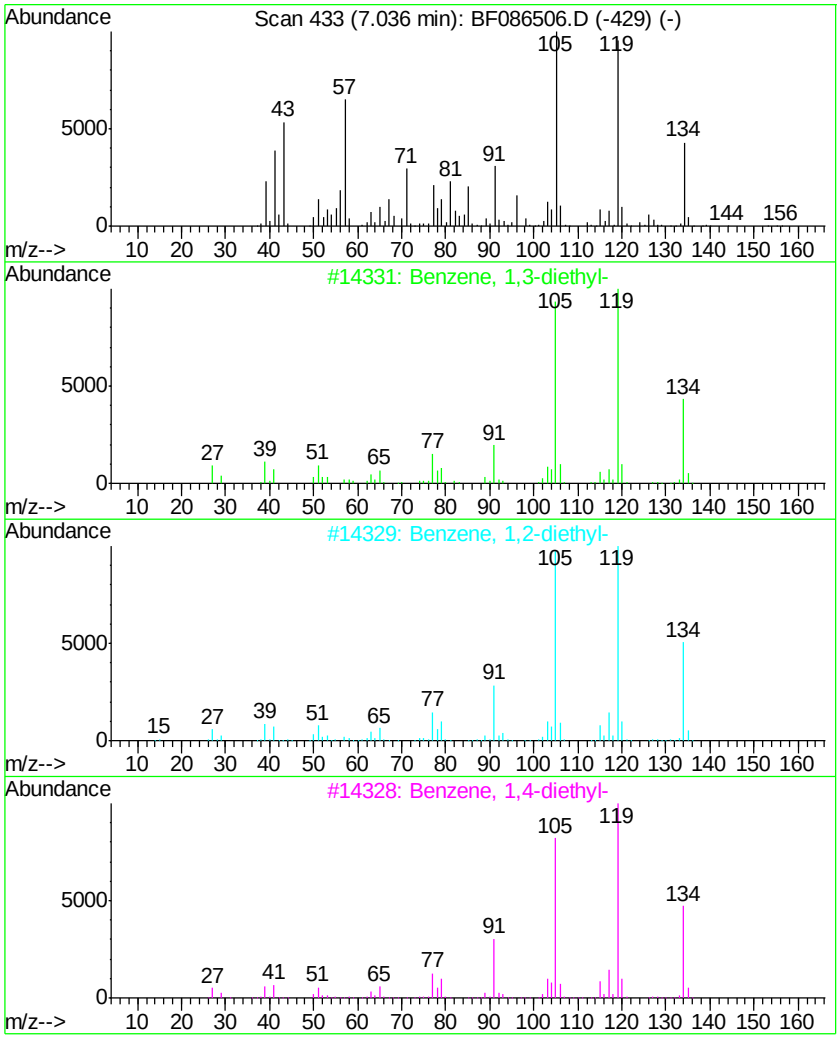
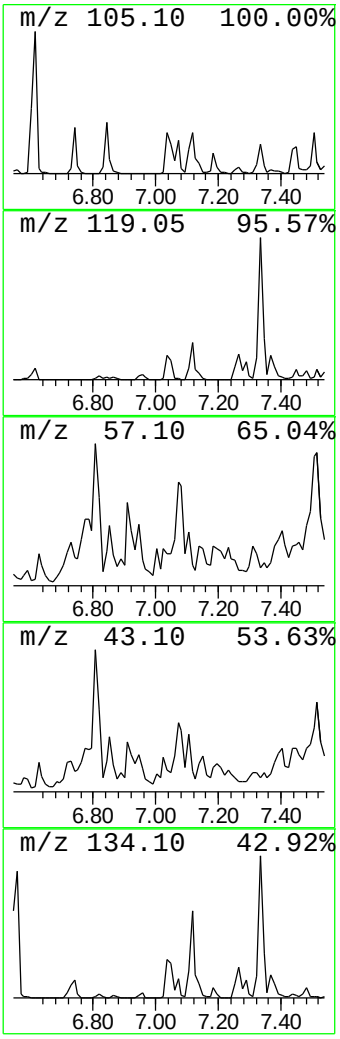
Peak Number 12 Benzene, 1,3-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	58.97 ng	4250350	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	89
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	89
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	64
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64





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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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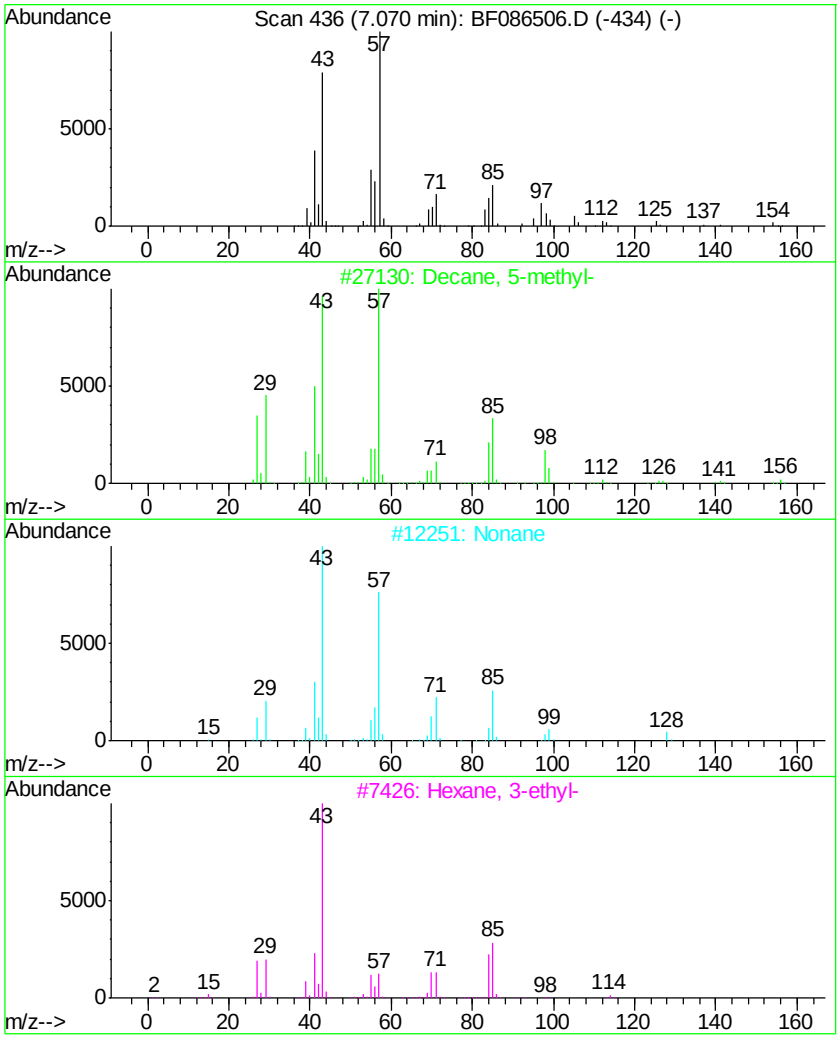
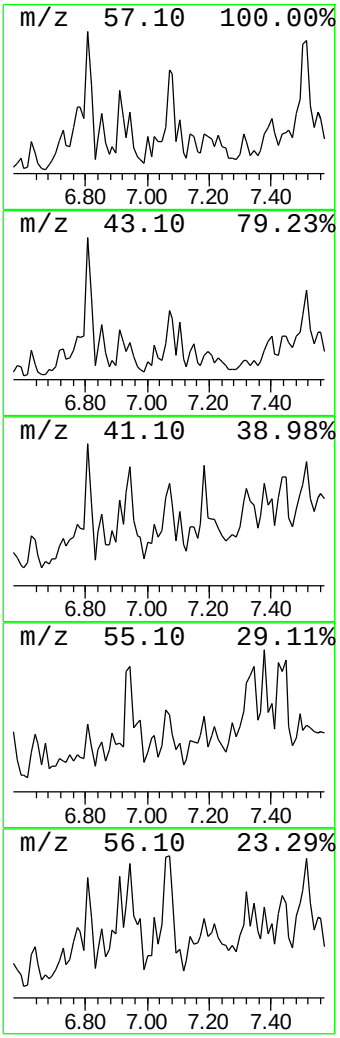
Peak Number 13 Decane, 5-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	56.16 ng	4047790	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	53
2	Nonane	128	C9H20	000111-84-2	50
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	47
4	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	47
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47





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Sample : H2757-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
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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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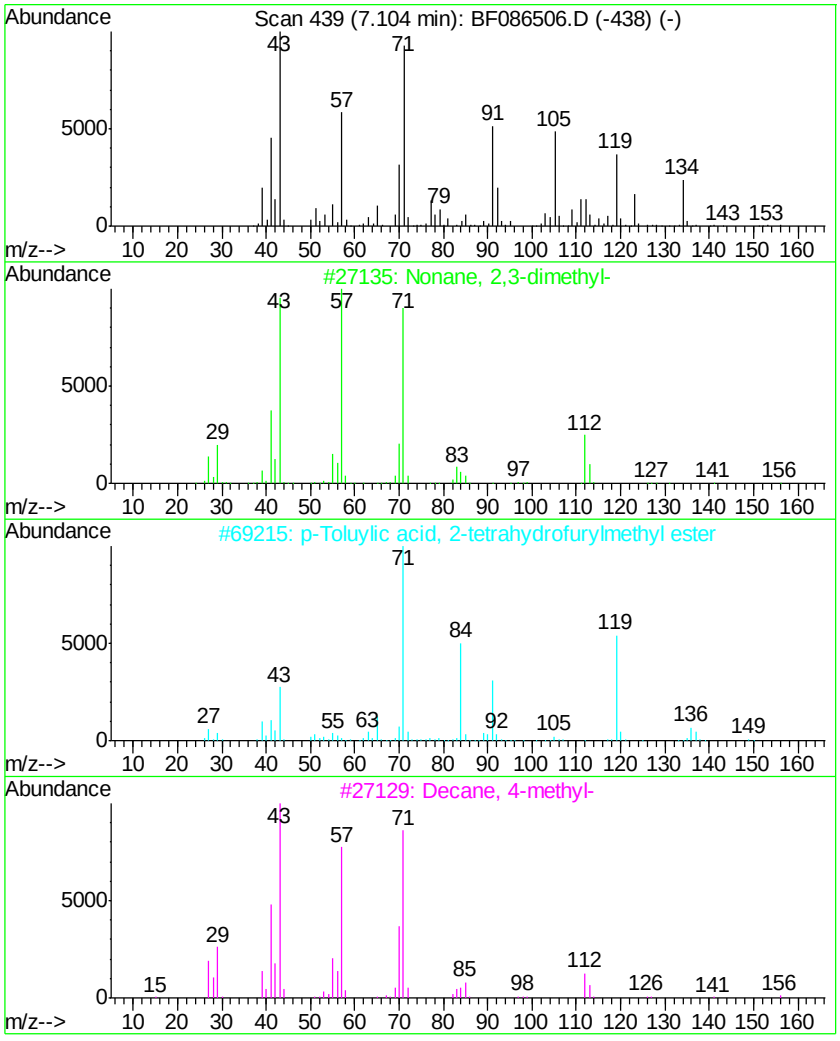
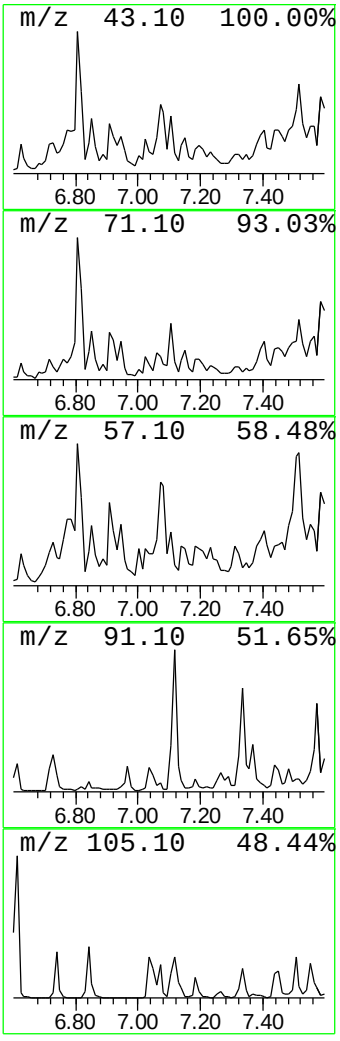
Peak Number 14 unknown7.10 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	33.09 ng	2384950	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	43
2	p-Toluylic acid, 2-tetrahydrofur...	220	C13H16O3	004647-35-2	43
3	Decane, 4-methyl-	156	C11H24	002847-72-5	43
4	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	38
5	2,2'-Bifuran, octahydro-	142	C8H14O2	001592-33-2	38





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Sample : H2757-05
Misc :
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Instrument : BNA_F
ClientSampleId : B5(1)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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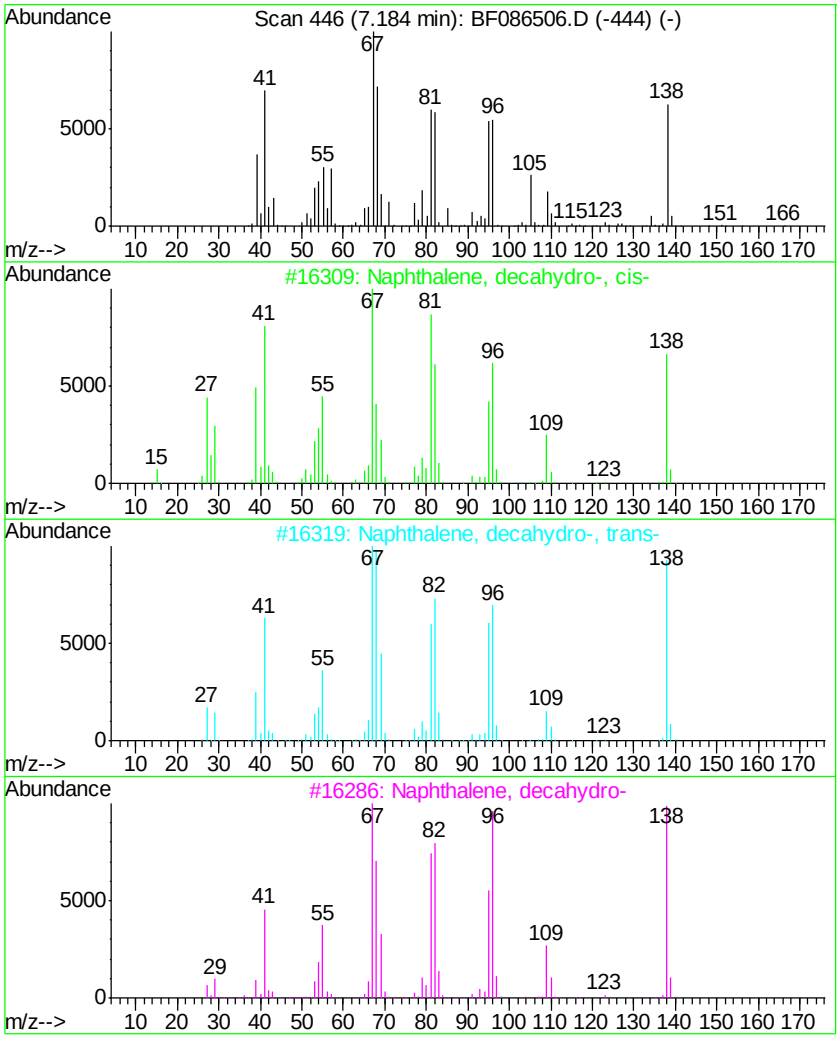
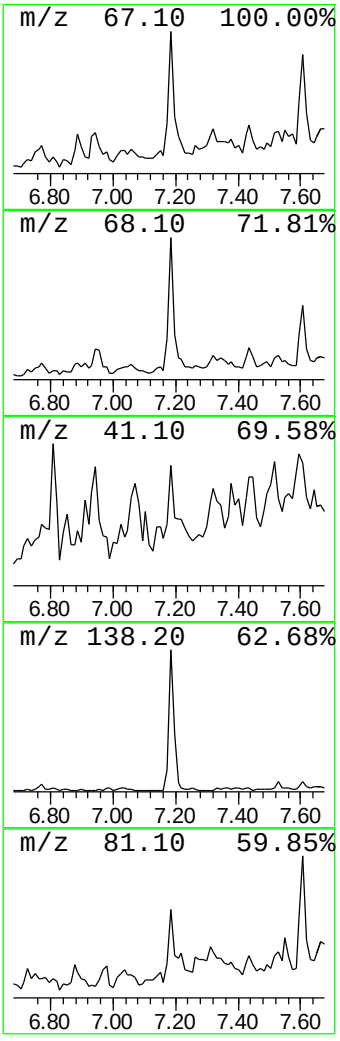
Peak Number 15 Naphthalene, decahydro-, cis- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	59.46 ng	4285770	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	96
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	87
4	Spiro[4.5]decane	138	C10H18	000176-63-6	76
5	Cyclodecene	138	C10H18	003618-12-0	68





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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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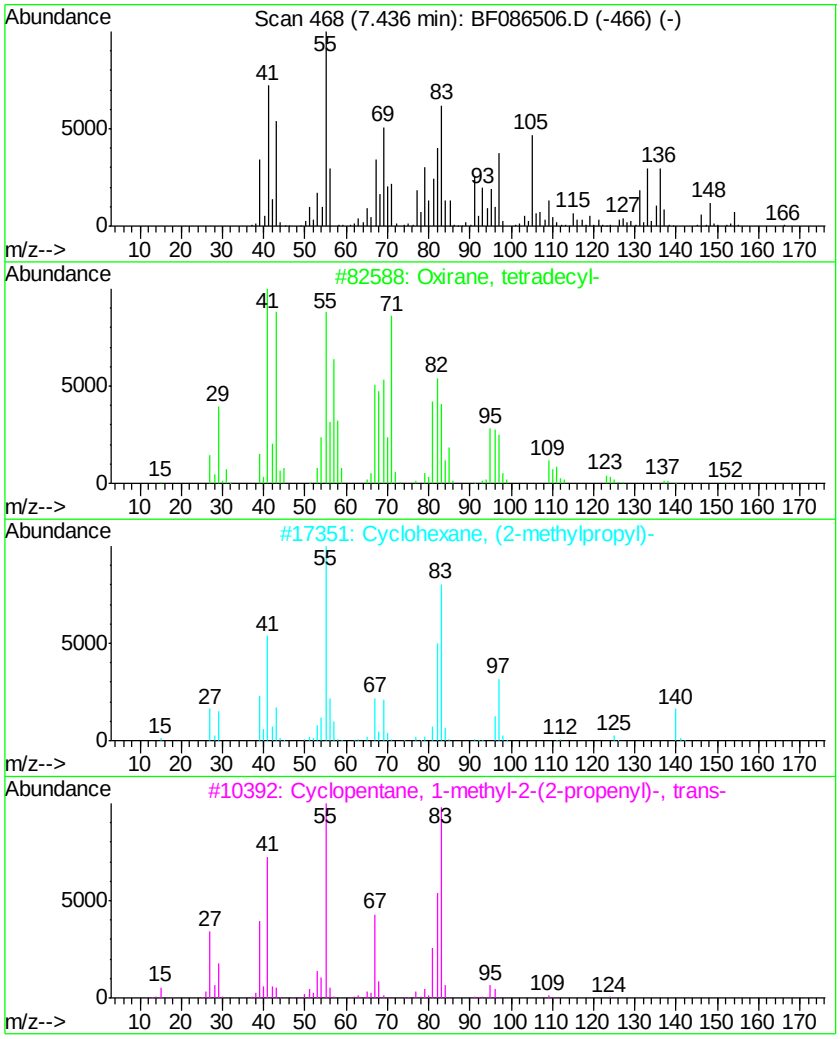
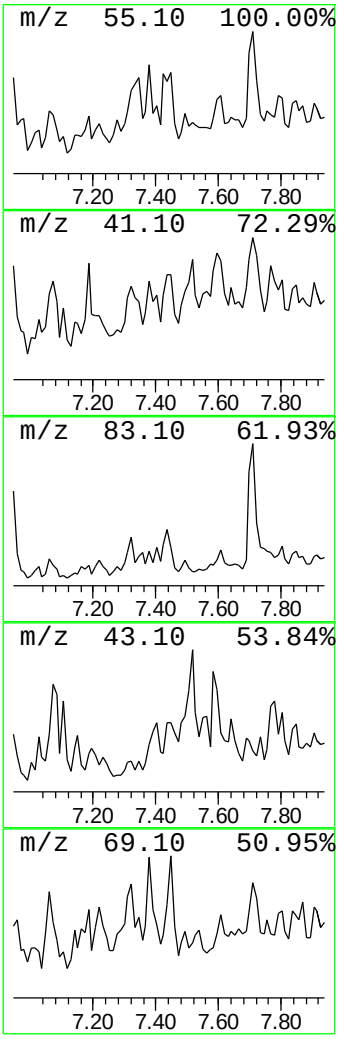
Peak Number 16 unknown7.44 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	33.35 ng	5207710	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	38
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38
3	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	30
4	cis-2-Ethylcyclopentanecarboxald...	126	C8H14O	036258-05-6	30
5	3-Cyclobut-1-enyl-3-hydroxy-2-me...	156	C8H12O3	1000186-72-4	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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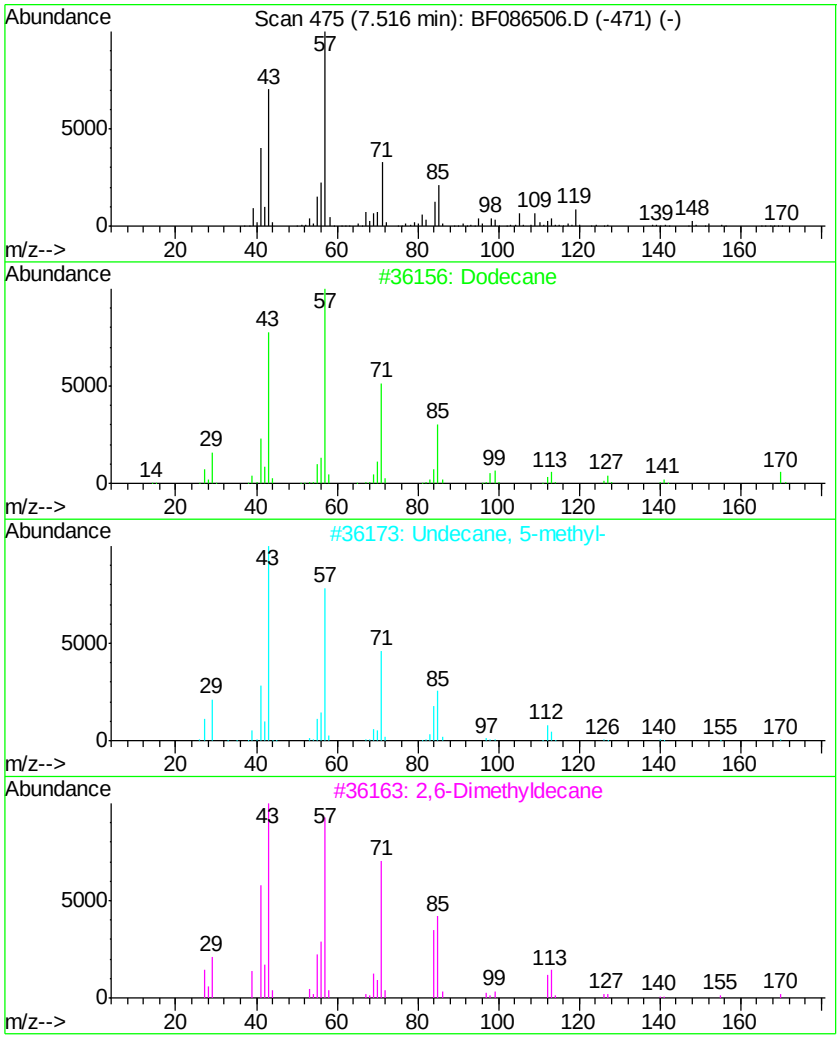
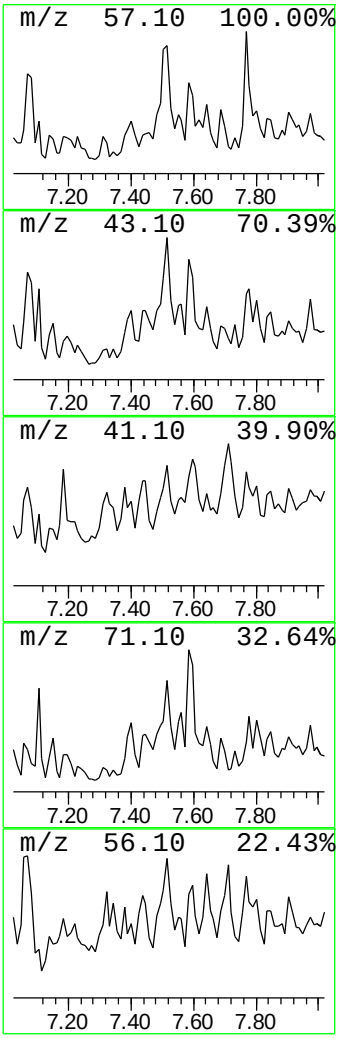
Peak Number 17 Dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	39.94 ng	6237190	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	59
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	52
3	2,6-Dimethyldecane	170	C12H26	013150-81-7	50
4	Undecane	156	C11H24	001120-21-4	50
5	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	47





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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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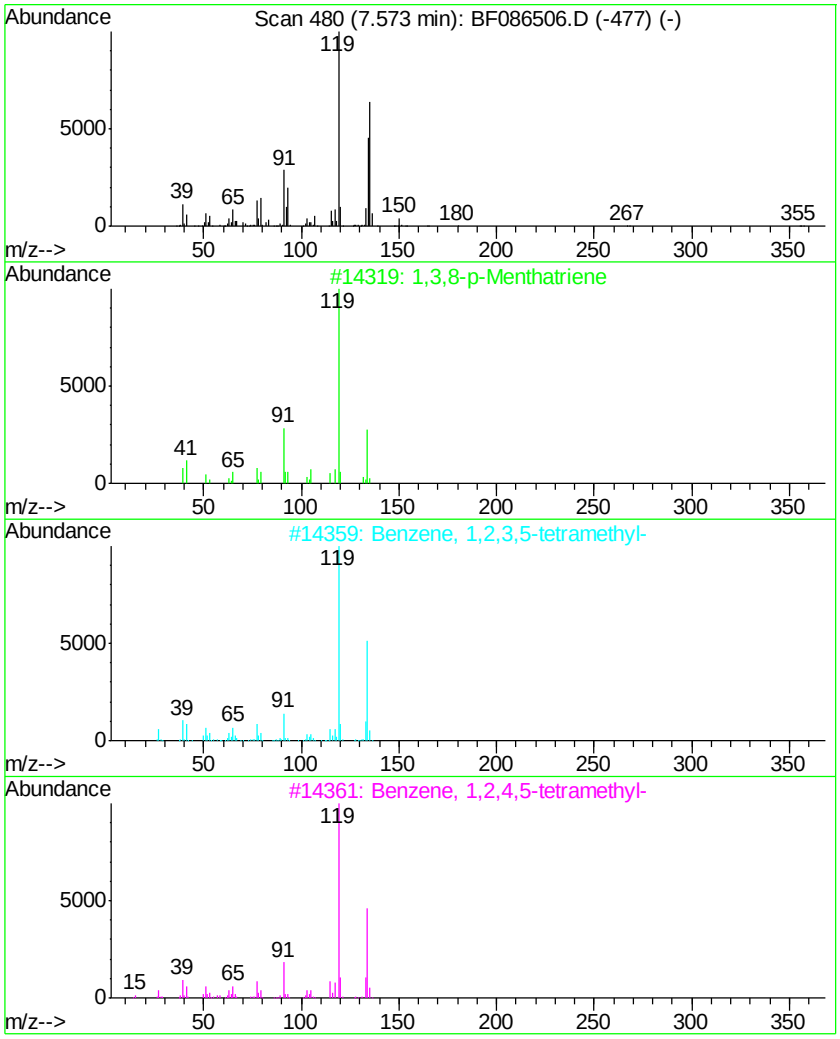
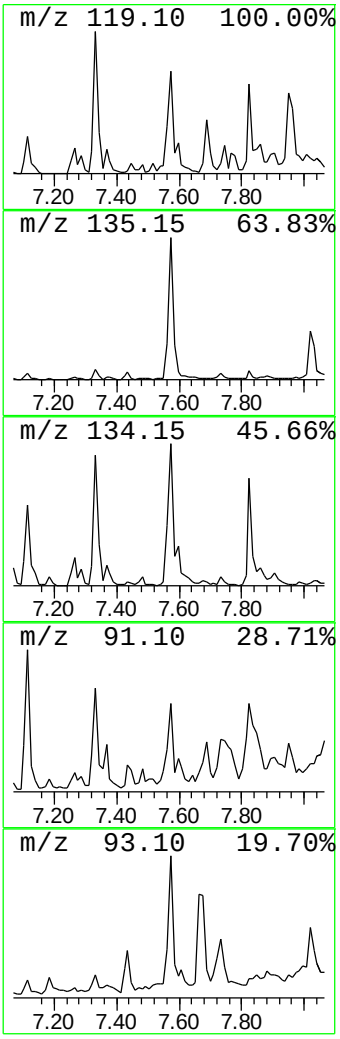
Peak Number 18 1,3,8-p-Menthatriene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	32.79 ng	5119710	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	70
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64





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ClientSampleId : B5(1)

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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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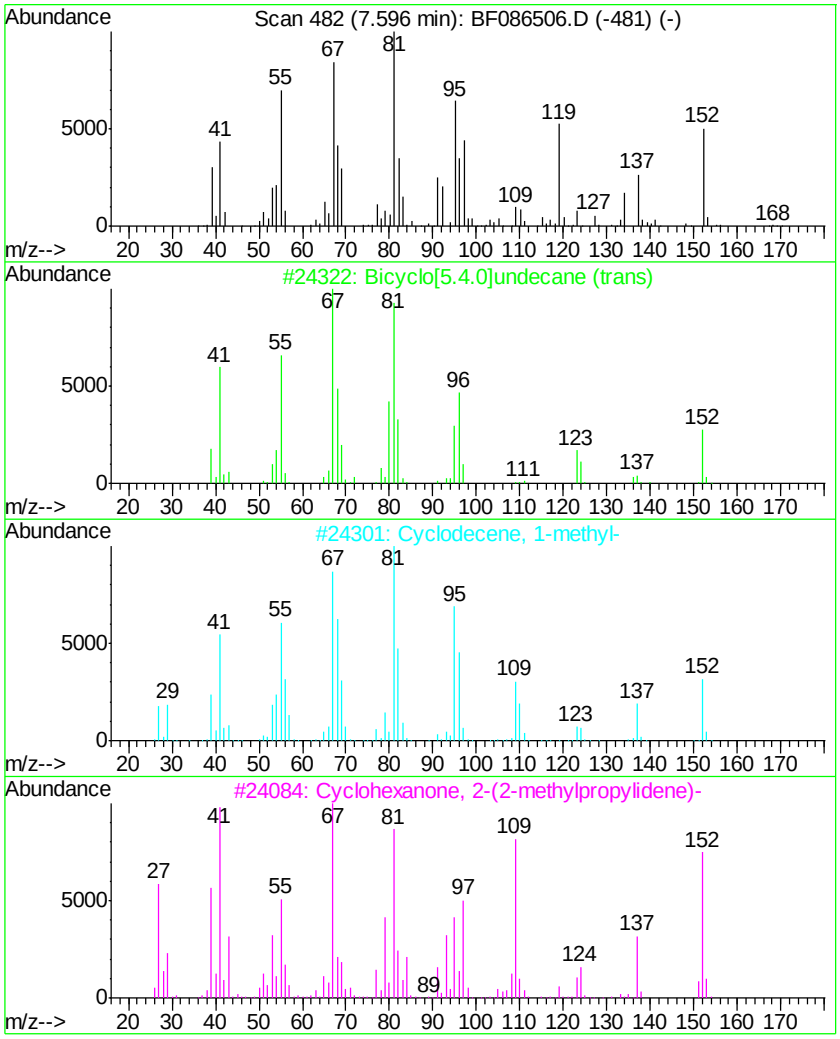
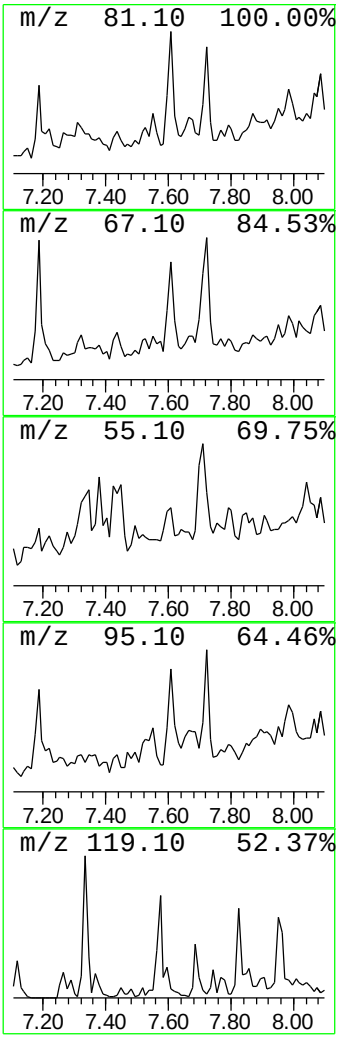
Peak Number 19 Bicyclo[5.4.0]undecane (trans) Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	27.45 ng	4287110	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[5.4.0]undecane (trans)	152	C11H20	021394-30-9	70
2	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	60
3	Cyclohexanone, 2-(2-methylpropyl...	152	C10H16O	043108-69-6	52
4	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	50
5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
Data File : BF086506.D
Acq On : 29 Apr 2016 21:53
Operator : UM/SJ
Sample : H2757-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

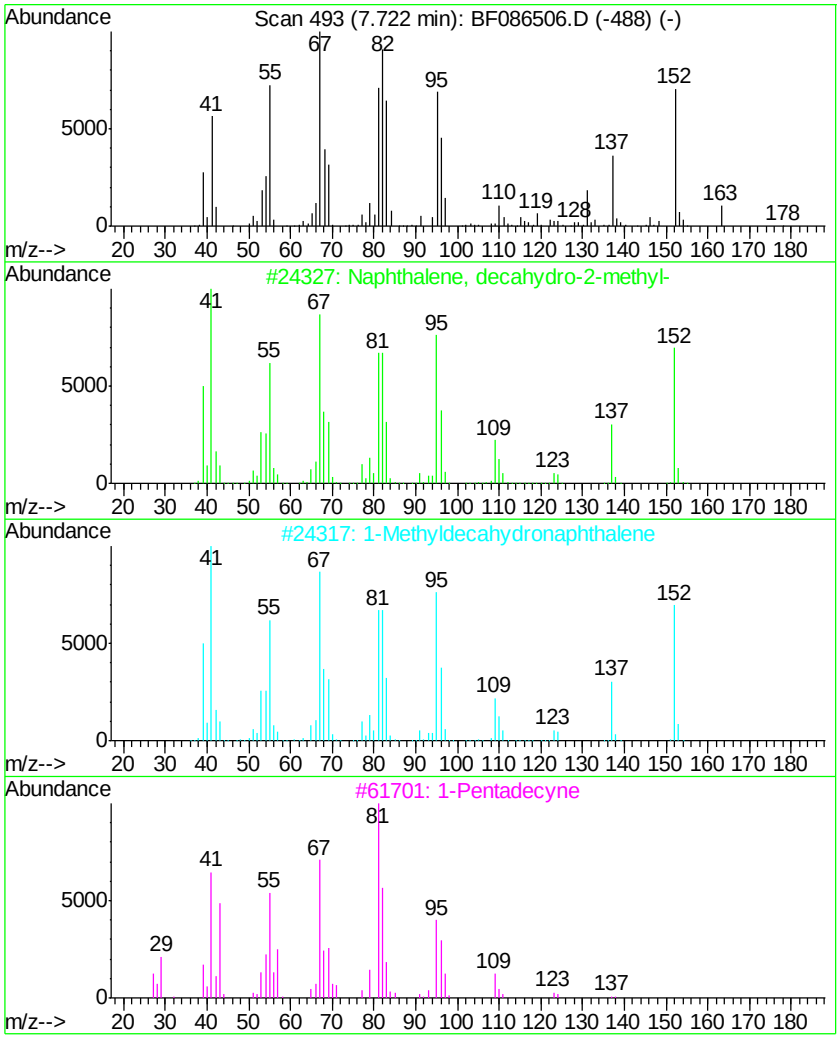
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

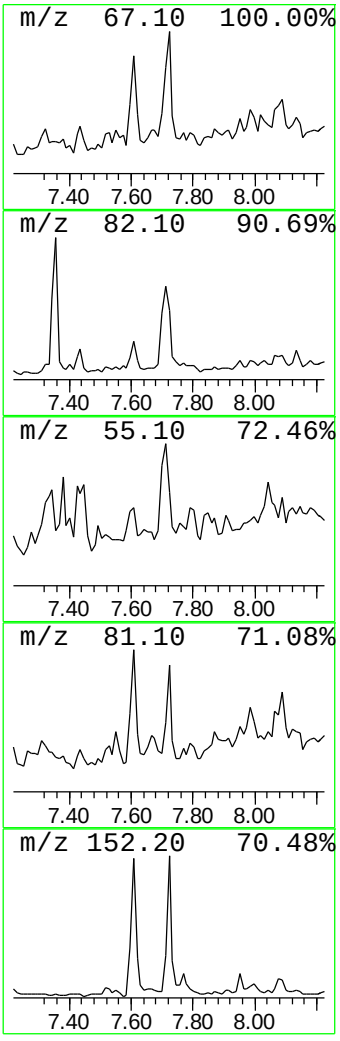
****

Peak Number 20 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	45.70 ng	7136900	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	74
3	1-Pentadecyne	208	C15H28	000765-13-9	64
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	62
5	Cyclopentylcyclohexane	152	C11H20	001606-08-2	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042916\
Data File : BF086506.D
Acq On : 29 Apr 2016 21:53
Operator : UM/SJ
Sample : H2757-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5(1)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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
Benzene, 1,3-dime...	5.60	28.4	ng	2047380	1	6.78	1441580	20.0
unknown5.92	5.92	27.3	ng	1967740	1	6.78	1441580	20.0
unknown6.02	6.02	53.7	ng	3868310	1	6.78	1441580	20.0
Hexane, 2,4-dimet...	6.21	50.1	ng	3609520	1	6.78	1441580	20.0
Benzene, 1-ethyl-...	6.30	71.8	ng	5178800	1	6.78	1441580	20.0
Nonane, 3-methyl-	6.37	26.4	ng	1902100	1	6.78	1441580	20.0
unknown6.56	6.56	130.5	ng	9403460	1	6.78	1441580	20.0
Benzene, 1,2,3-tr...	6.61	54.7	ng	3942090	1	6.78	1441580	20.0
unknown6.73	6.73	36.3	ng	2619150	1	6.78	1441580	20.0
Dodecane, 2,7,10-...	6.85	39.0	ng	2809770	1	6.78	1441580	20.0
Benzene, 1,3-diet...	7.04	59.0	ng	4250350	1	6.78	1441580	20.0
Decane, 5-methyl-	7.07	56.2	ng	4047790	1	6.78	1441580	20.0
unknown7.10	7.10	33.1	ng	2384950	1	6.78	1441580	20.0
Naphthalene, deca...	7.18	59.5	ng	4285770	1	6.78	1441580	20.0
unknown7.44	7.44	33.4	ng	5207710	2	8.08	3123100	20.0
Dodecane	7.52	39.9	ng	6237190	2	8.08	3123100	20.0
1,3,8-p-Menthatriene	7.57	32.8	ng	5119710	2	8.08	3123100	20.0
Bicyclo[5.4.0]und...	7.60	27.4	ng	4287110	2	8.08	3123100	20.0
Naphthalene, deca...	7.72	45.7	ng	7136900	2	8.08	3123100	20.0