LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082056.D
Acq On : 5 Oct 2015 20:58
Operator : UM/IZ
Sample : G3846-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 016-TB-13(4-8)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.811	53	59	62	rBV	93325	197748	1.02%	0.111%
2	3.760	138	142	148	rBV3	252104	735363	3.81%	0.413%
3	3.920	153	156	160	rBV	274493	467707	2.42%	0.262%
4	4.091	166	171	173	rBV	252793	452479	2.35%	0.254%
5	4.297	187	189	193	rVB	110219	211621	1.10%	0.119%
6	4.434	198	201	208	rVB2	996265	1633933	8.47%	0.917%
7	4.560	208	212	215	rVB	176281	244484	1.27%	0.137%
8	4.766	228	230	232	rBV	174971	207294	1.07%	0.116%
9	4.880	236	240	243	rBV	453322	634155	3.29%	0.356%
10	4.994	243	250	252	rBV3	724894	2035764	10.55%	1.142%
11	5.051	252	255	257	rBV	1002234	1556788	8.07%	0.874%
12	5.108	259	260	263	rVB2	190909	209339	1.09%	0.117%
13	5.177	263	266	270	rVB2	184783	320729	1.66%	0.180%
14	5.257	270	273	275	rBV	1007520	1461946	7.58%	0.820%
15	5.348	278	281	282	rBV2	813535	1327310	6.88%	0.745%
16	5.371	282	283	286	rVB	937752	1047434	5.43%	0.588%
17	5.451	286	290	297	rVB2	3750643	7604920	39.42%	4.267%
18	5.543	297	298	301	rBV	265126	441895	2.29%	0.248%
19	5.634	304	306	308	rBV2	724970	1227281	6.36%	0.689%
20	5.680	308	310	311	rBV	691698	681485	3.53%	0.382%
21	5.714	311	313	317	rBV2	2202238	3130353	16.23%	1.757%
22	5.783	317	319	326	rVB	3520260	5638112	29.22%	3.164%
23	5.897	326	329	331	rBV2	1117105	1796018	9.31%	1.008%
24	5.943	331	333	337	rBV2	541734	988086	5.12%	0.554%
25	6.034	338	341	343	rBV3	1289099	2117885	10.98%	1.188%
26	6.080	343	345	346	rBV	276524	338582	1.75%	0.190%
27	6.126	346	349	353	rBV2	2664577	5865364	30.40%	3.291%
28	6.183	353	354	363	rVB2	1702847	4484767	23.25%	2.517%
29	6.320	363	366	369	rBV2	1369696	3186942	16.52%	1.788%
30	6.423	369	375	379	rBV2	3792428	13022435	67.50%	7.308%
31	6.491	379	381	386	rVB4	1763171	4302473	22.30%	2.414%
32	6.583	386	389	391	rVB2	1351741	2161990	11.21%	1.213%
33	6.651	391	395	399	rBV4	1069547	3742945	19.40%	2.100%
34	6.731	399	402	410	rVB2	5016669	19293098	100.00%	10.826%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082056.D
Acq On : 5 Oct 2015 20:58
Operator : UM/IZ
Sample : G3846-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 016-TB-13(4-8)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	6.914	410	418	420	rBV3	2551707	9147908	47.42%	5.133%
36	6.960	420	422	428	rVB2	2099660	5125515	26.57%	2.876%
37	7.051	428	430	431	rBV2	1583310	2581432	13.38%	1.449%
38	7.177	438	441	442	rBV3	2347462	4079225	21.14%	2.289%
39	7.223	443	445	450	rVB2	1707583	5900334	30.58%	3.311%
40	7.440	462	464	466	rBV2	1197106	2712217	14.06%	1.522%
41	7.874	494	502	505	rBV5	2362438	13679846	70.91%	7.676%
42	8.240	527	534	535	rBV	2438900	9828580	50.94%	5.515%
43	12.012	860	864	866	rVB	1563127	4540892	23.54%	2.548%
44	12.092	870	871	872	rVV	1146442	907105	4.70%	0.509%
45	12.172	875	878	880	rVB2	2069821	3477691	18.03%	1.951%
46	12.549	907	911	913	rVB2	2451122	5491014	28.46%	3.081%
47	12.915	940	943	945	rVB2	2866666	4718247	24.46%	2.648%
48	12.961	945	947	950	rVB2	1361794	1754543	9.09%	0.985%
49	13.258	970	973	975	rVB	2639649	3158024	16.37%	1.772%
50	13.589	999	1002	1004	rVB	2567507	2676221	13.87%	1.502%
51	13.909	1028	1030	1037	rVB	1928613	2405135	12.47%	1.350%
52	14.218	1055	1057	1064	rVB	977589	1489458	7.72%	0.836%
53	14.527	1082	1084	1086	rVB	550871	543684	2.82%	0.305%
54	14.824	1108	1110	1113	rVB	309858	327053	1.70%	0.184%
55	15.155	1137	1139	1150	rVB	193158	384058	1.99%	0.216%
56	15.509	1168	1170	1179	rVB2	233282	509212	2.64%	0.286%

Sum of corrected areas: 178206119

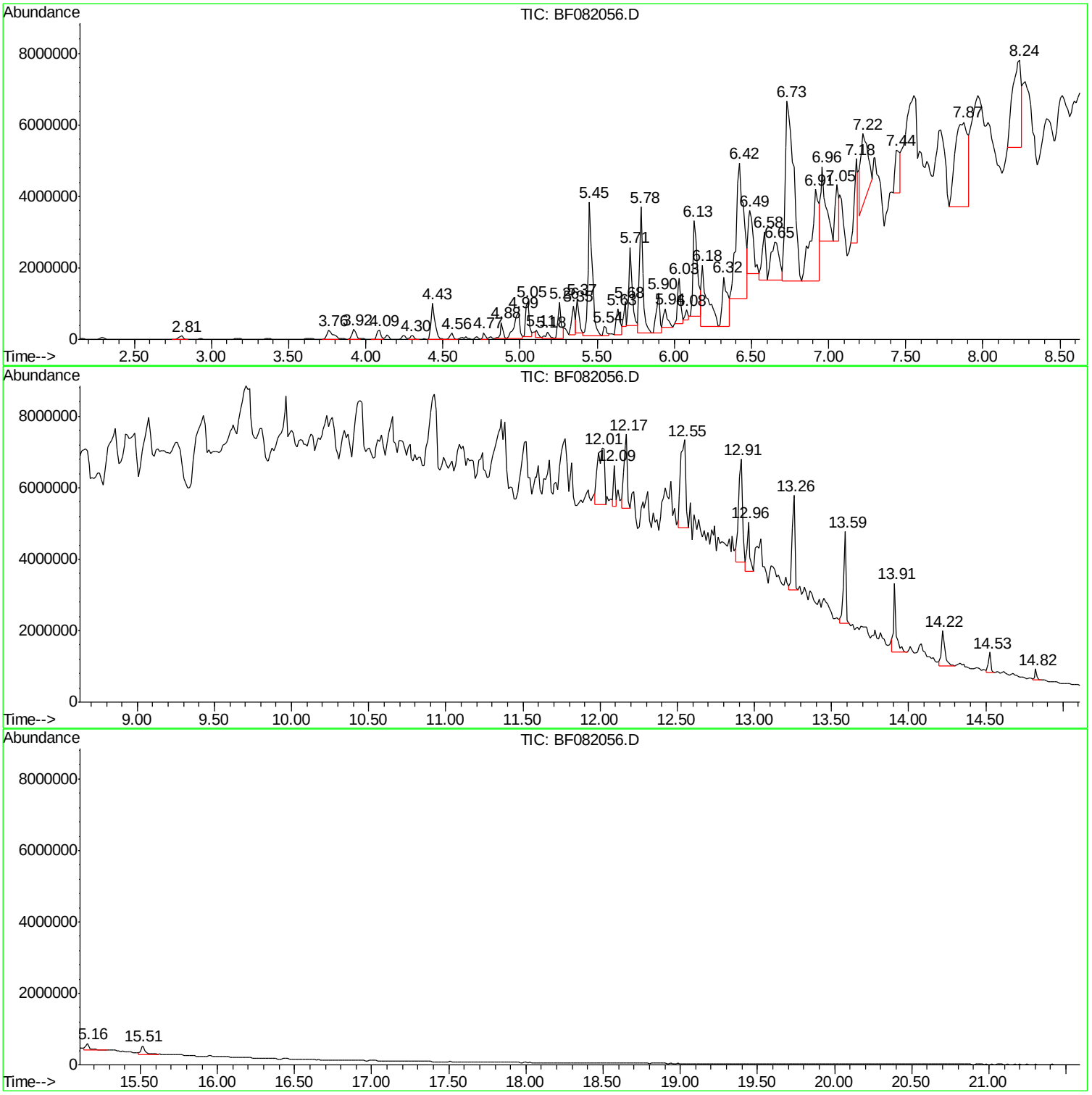
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082056.D
Acq On : 5 Oct 2015 20:58
Operator : UM/IZ
Sample : G3846-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 016-TB-13(4-8)

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

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082056.D
Acq On : 5 Oct 2015 20:58
Operator : UM/IZ
Sample : G3846-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 016-TB-13(4-8)

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

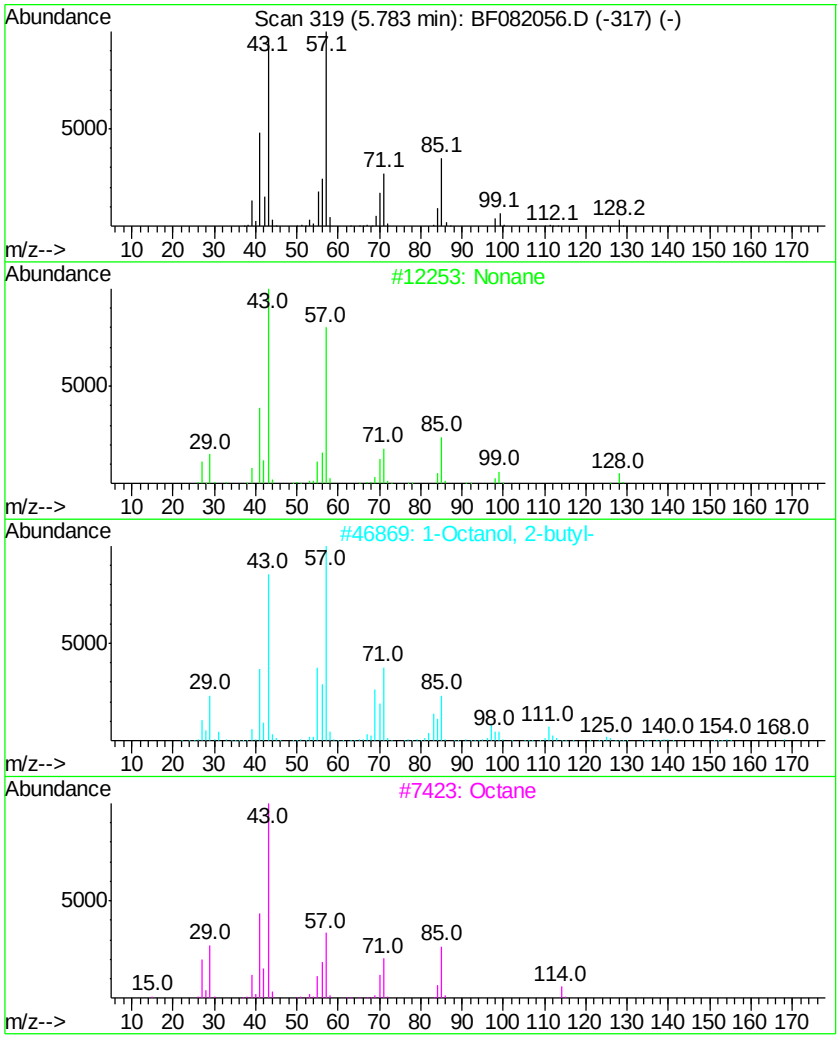
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

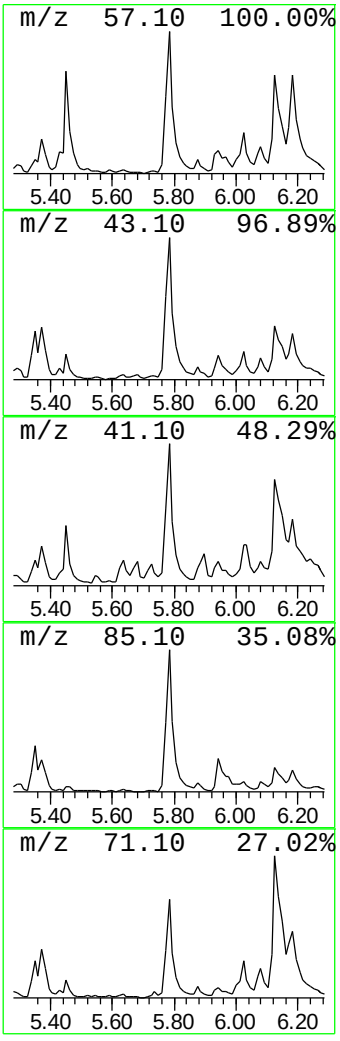
****

Peak Number 1 Nonane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	12.33 ng	5638110	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	90
2	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	78
3	Octane	114	C8H18	000111-65-9	64
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082056.D
Acq On : 5 Oct 2015 20:58
Operator : UM/IZ
Sample : G3846-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 016-TB-13(4-8)

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

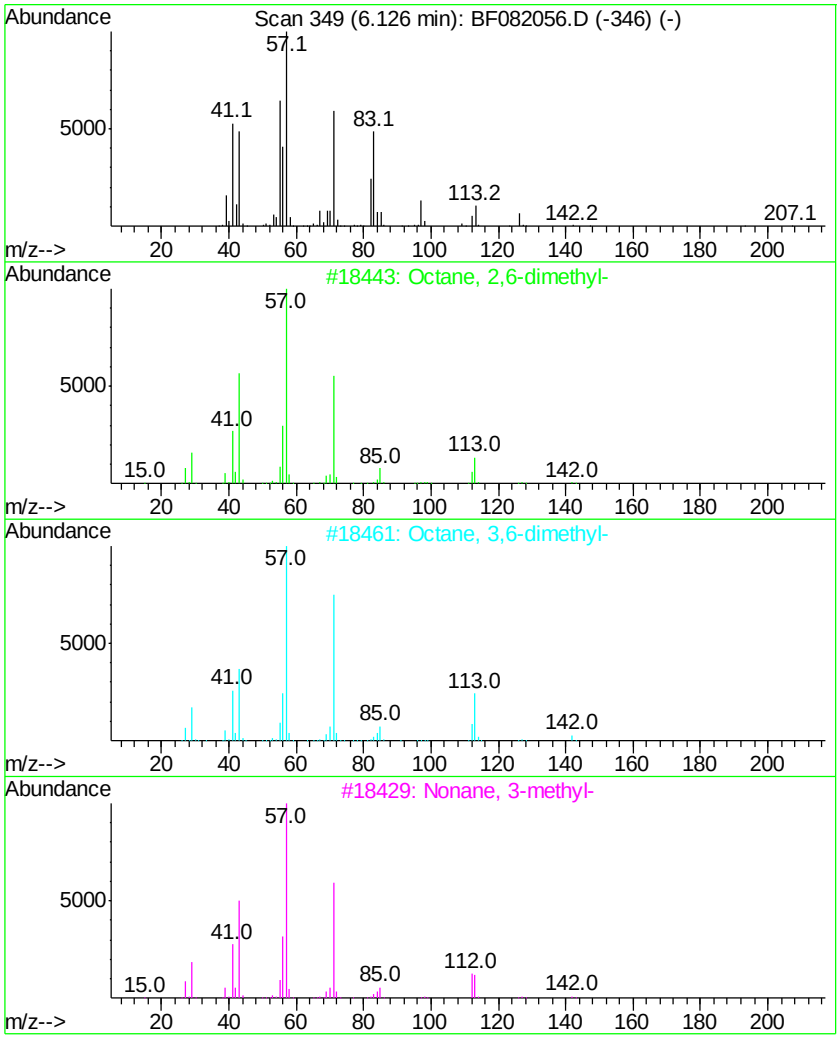
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

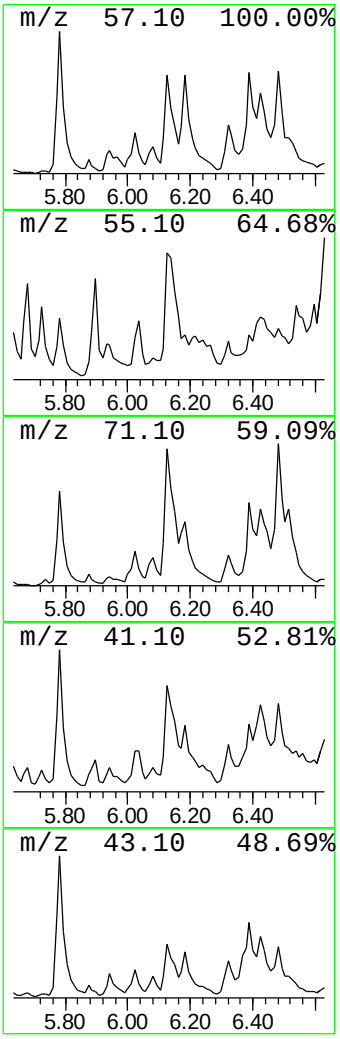
****

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	12.82 ng	5865360	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	60
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	43
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	35
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082056.D
Acq On : 5 Oct 2015 20:58
Operator : UM/IZ
Sample : G3846-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 016-TB-13(4-8)

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

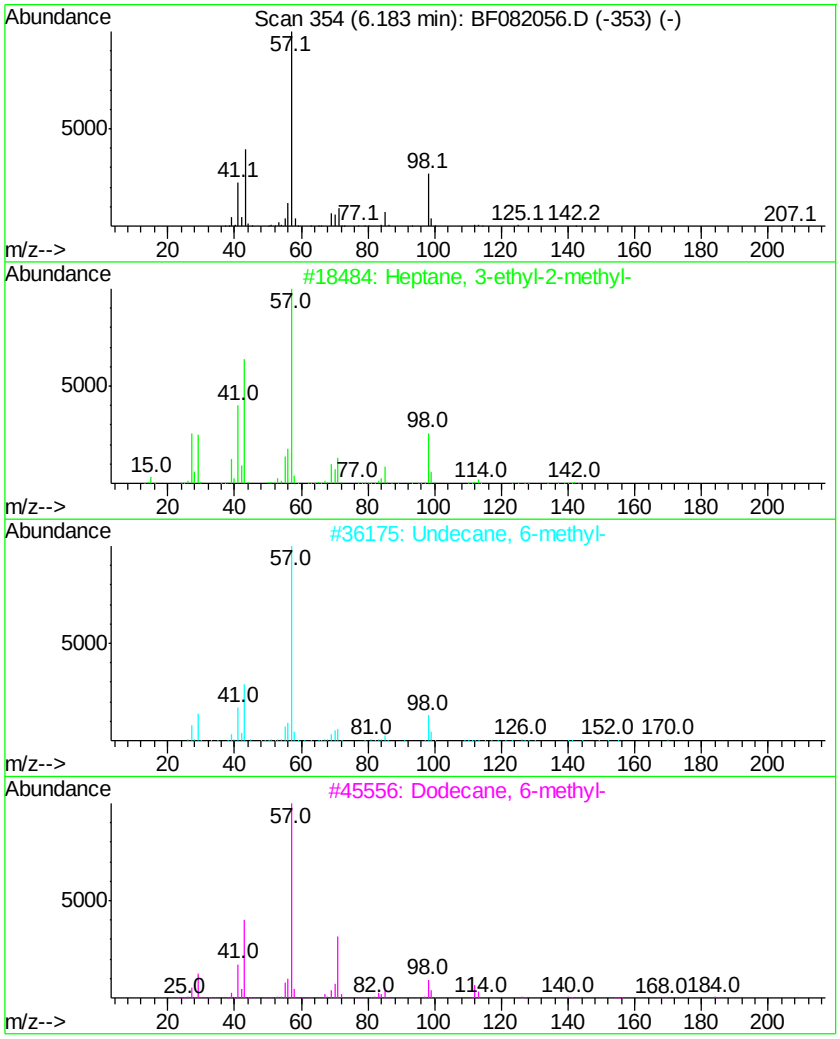
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

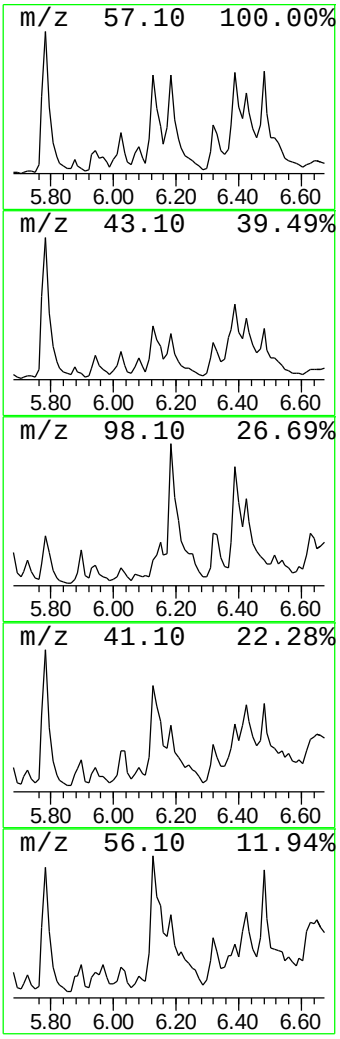
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	9.81 ng	4484770	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
2	Undecane, 6-methyl-	170	C12H26	017302-33-9	56
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	53
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	53
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082056.D
Acq On : 5 Oct 2015 20:58
Operator : UM/IZ
Sample : G3846-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 016-TB-13(4-8)

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

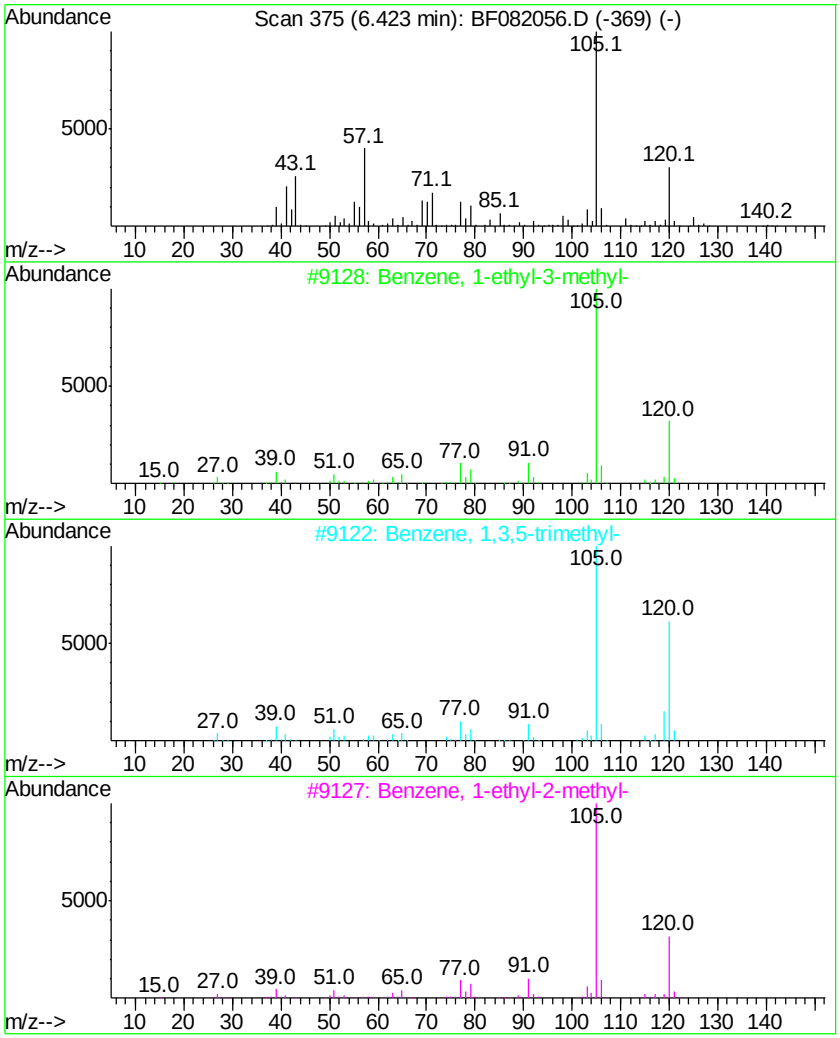
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

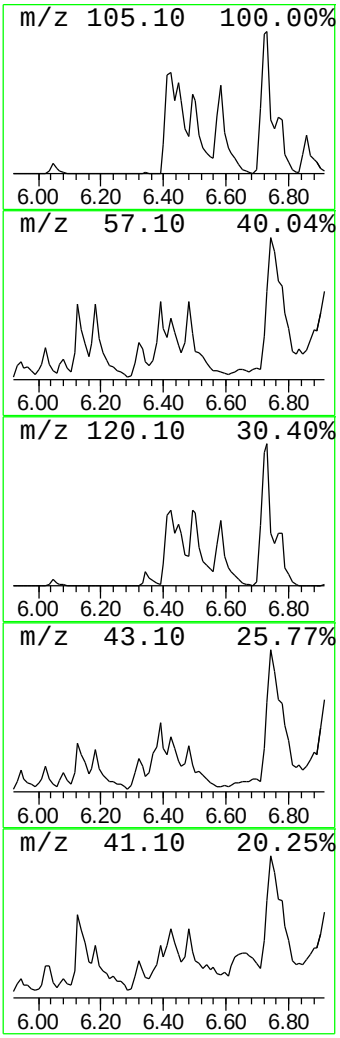
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	28.47 ng	13022400	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	76
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	76
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082056.D
Acq On : 5 Oct 2015 20:58
Operator : UM/IZ
Sample : G3846-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 016-TB-13(4-8)

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

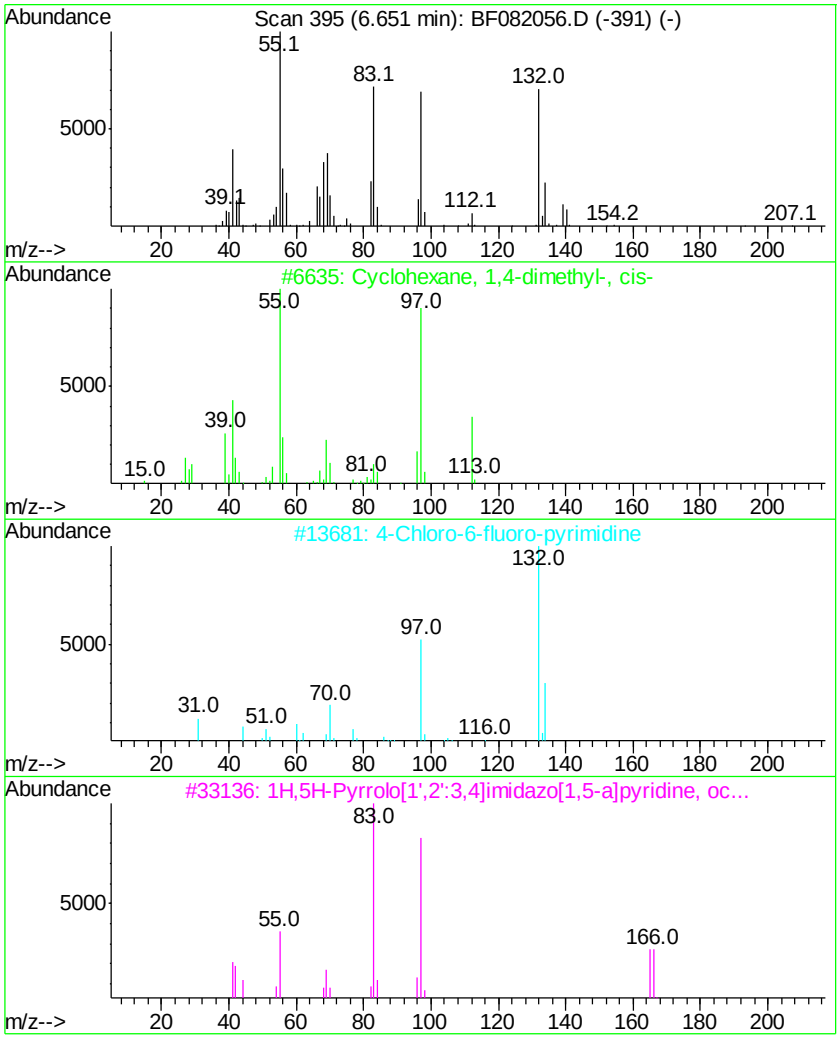
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

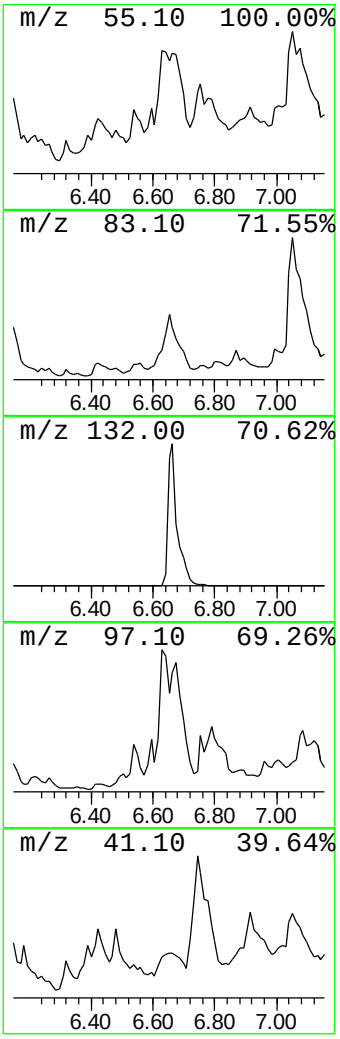
****

Peak Number 5 unknown6.65 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	8.18 ng	3742950	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	25
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	22
3	1H,5H-Pyrrolo[1',2':3,4]imidazo[...	166	C10H18N2	054966-11-9	22
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	15
5	Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082056.D
Acq On : 5 Oct 2015 20:58
Operator : UM/IZ
Sample : G3846-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 016-TB-13(4-8)

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

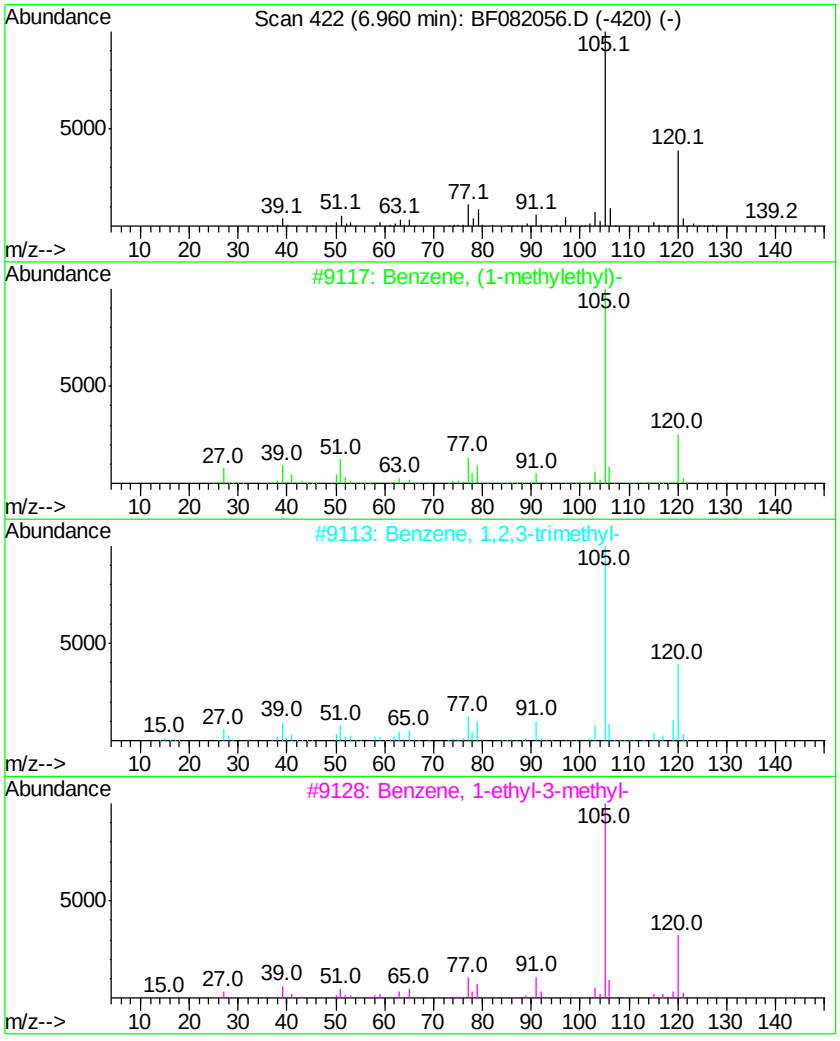
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

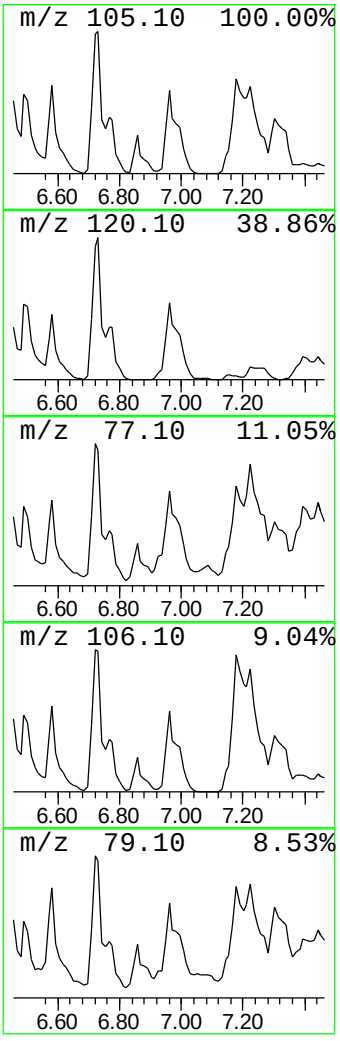
****

Peak Number 7 Benzene, (1-methylethyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	11.21 ng	5125520	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	86
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082056.D
Acq On : 5 Oct 2015 20:58
Operator : UM/IZ
Sample : G3846-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 016-TB-13(4-8)

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

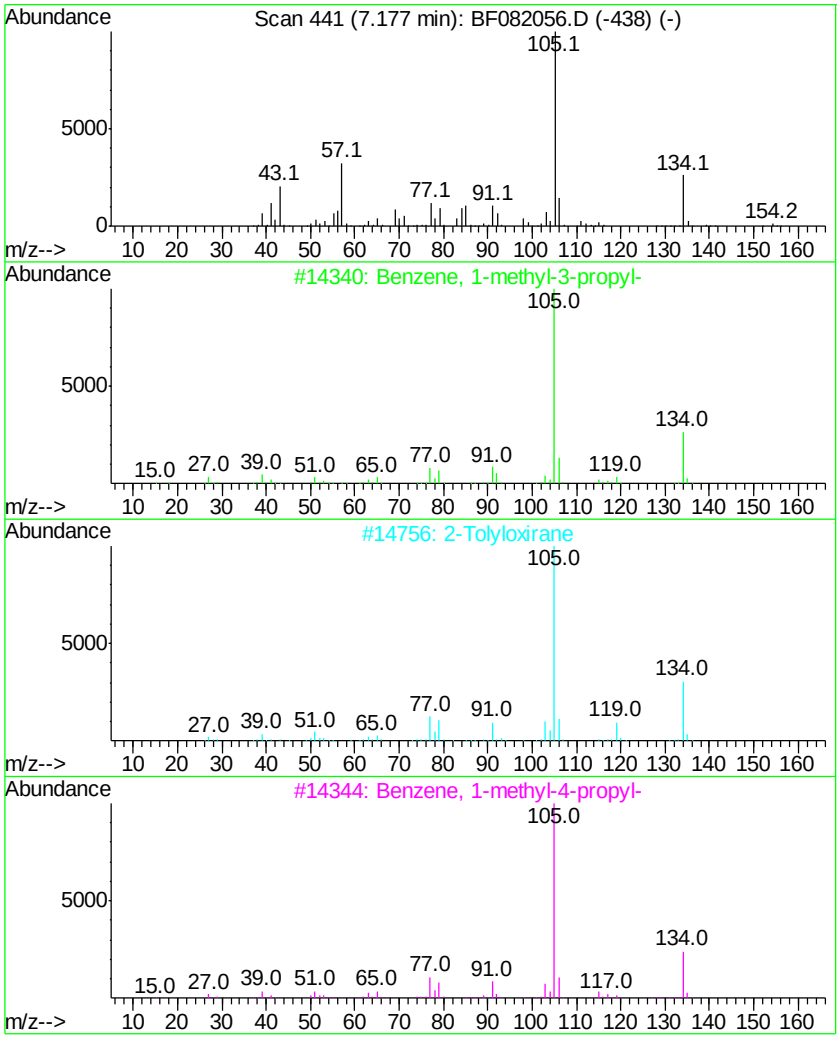
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

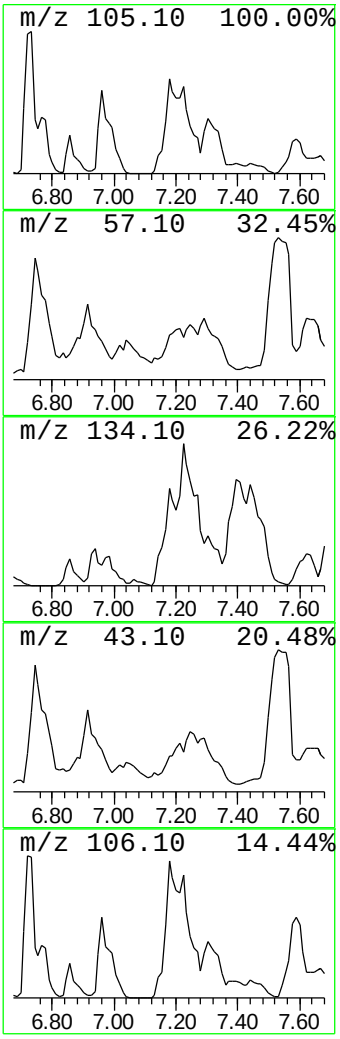
****

Peak Number 8 Benzene, 1-methyl-3-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	8.92 ng	4079230	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	76
2	2-Tolyloxirane	134	C9H10O	002783-26-8	70
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	70
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	58
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082056.D
Acq On : 5 Oct 2015 20:58
Operator : UM/IZ
Sample : G3846-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 016-TB-13(4-8)

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

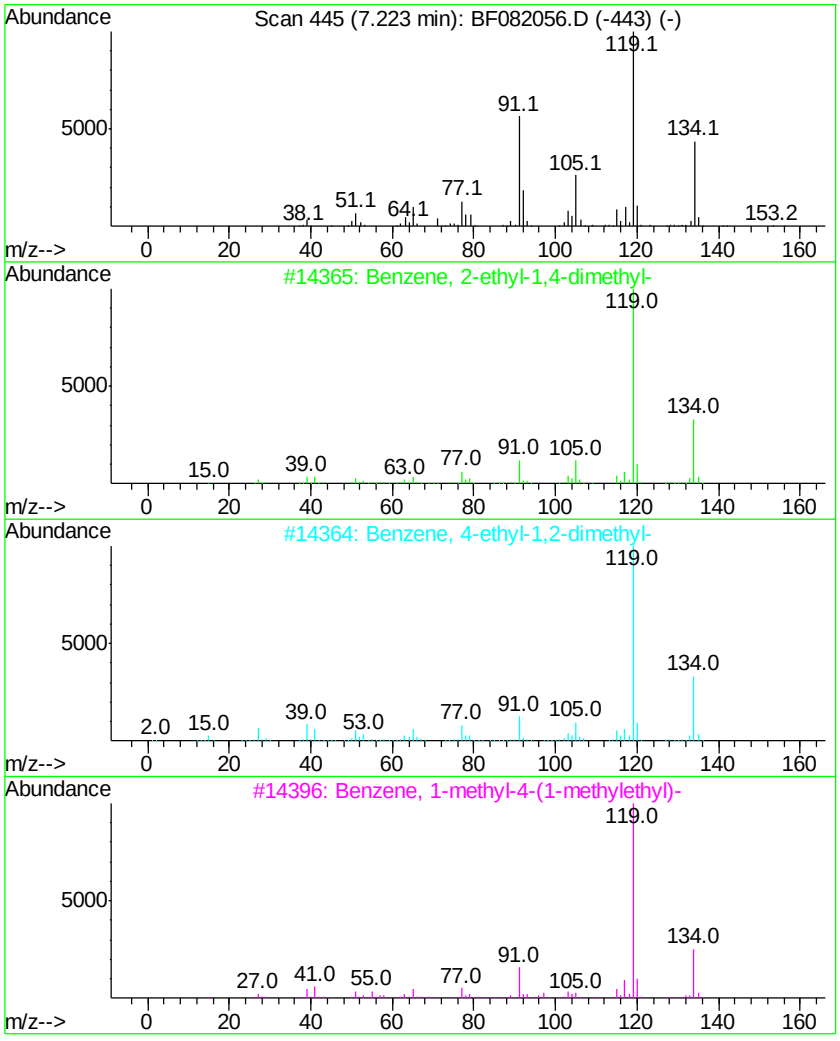
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

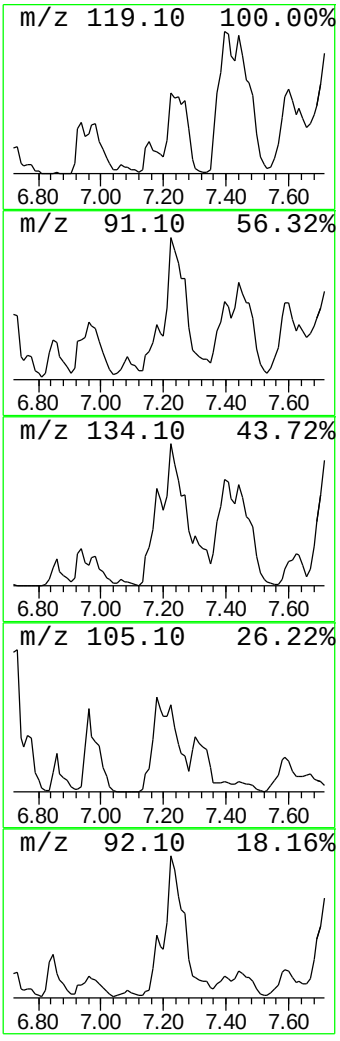
****

Peak Number 9 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	12.90 ng	5900330	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90





Library Search Compound Report

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Data File : BF082056.D
Acq On : 5 Oct 2015 20:58
Operator : UM/IZ
Sample : G3846-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 016-TB-13(4-8)

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

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

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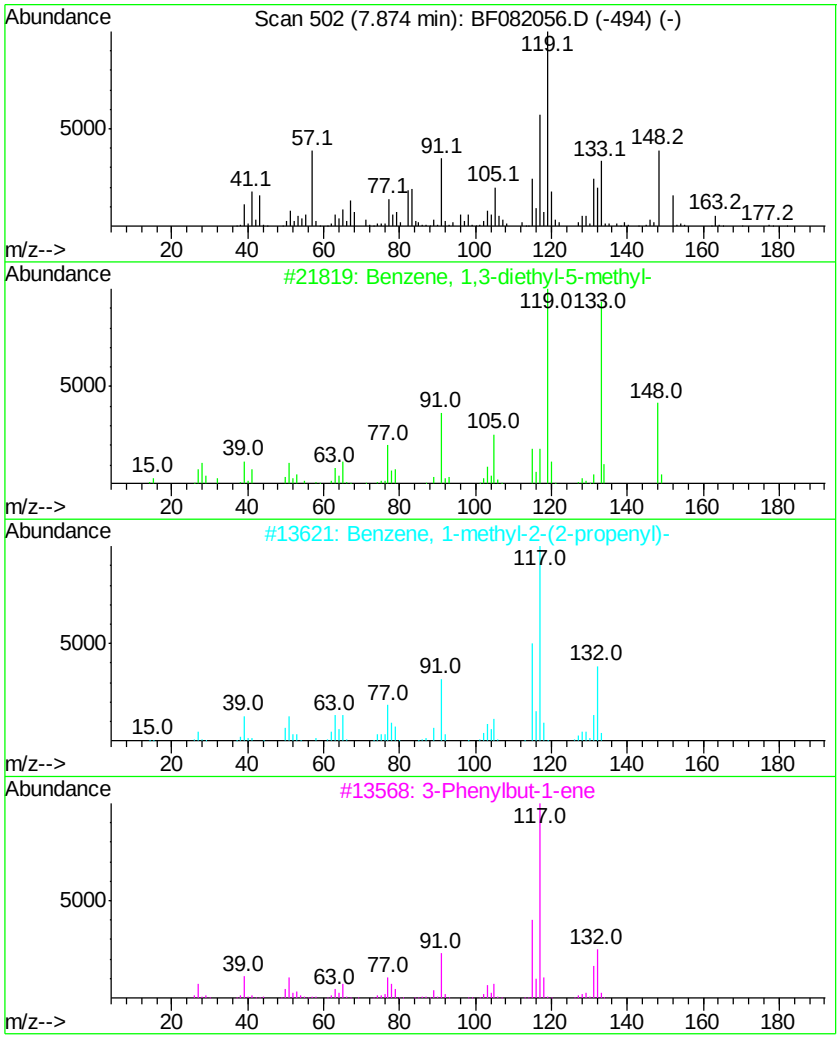
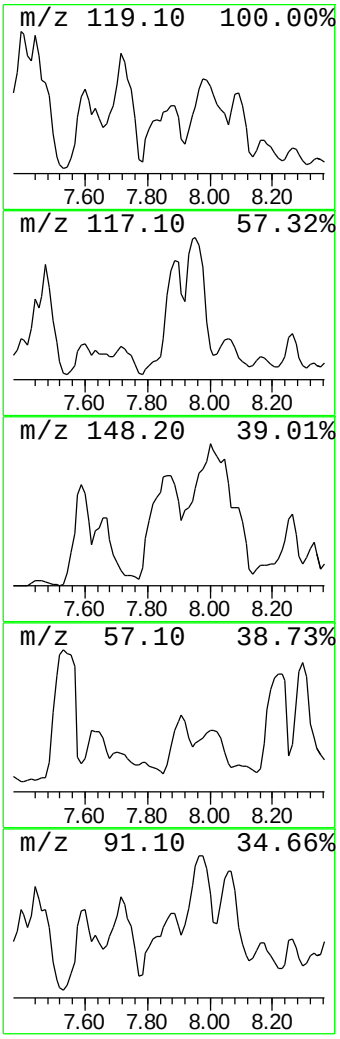
Peak Number 10 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	27.84 ng	13679800	Naphthalene-d8	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	53
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	38
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	38
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	30
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	30





Library Search Compound Report

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Acq On : 5 Oct 2015 20:58
Operator : UM/IZ
Sample : G3846-16
Misc :
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Instrument : BNA_F
ClientSampleId : 016-TB-13(4-8)

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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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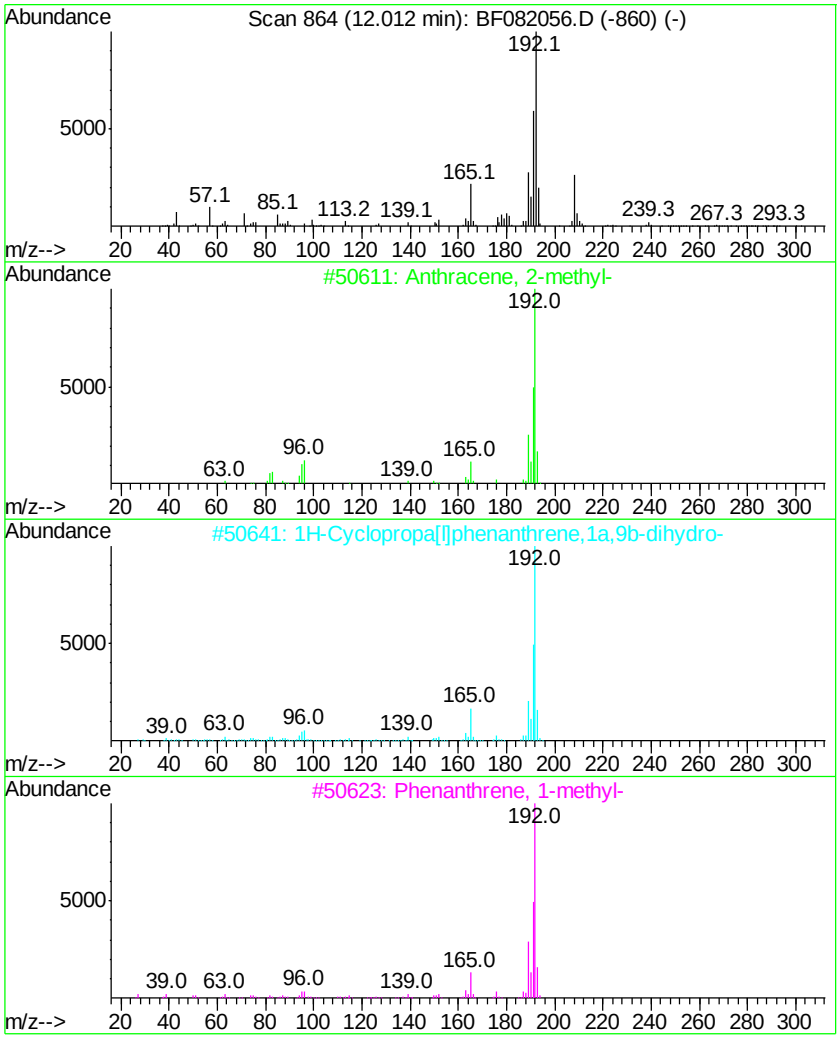
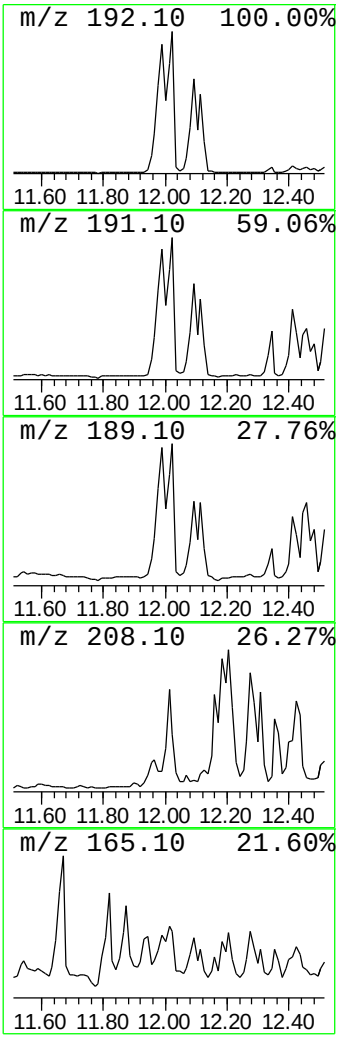
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	20.00 ng	4540890	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	86
5	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	86





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Sample : G3846-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 016-TB-13(4-8)

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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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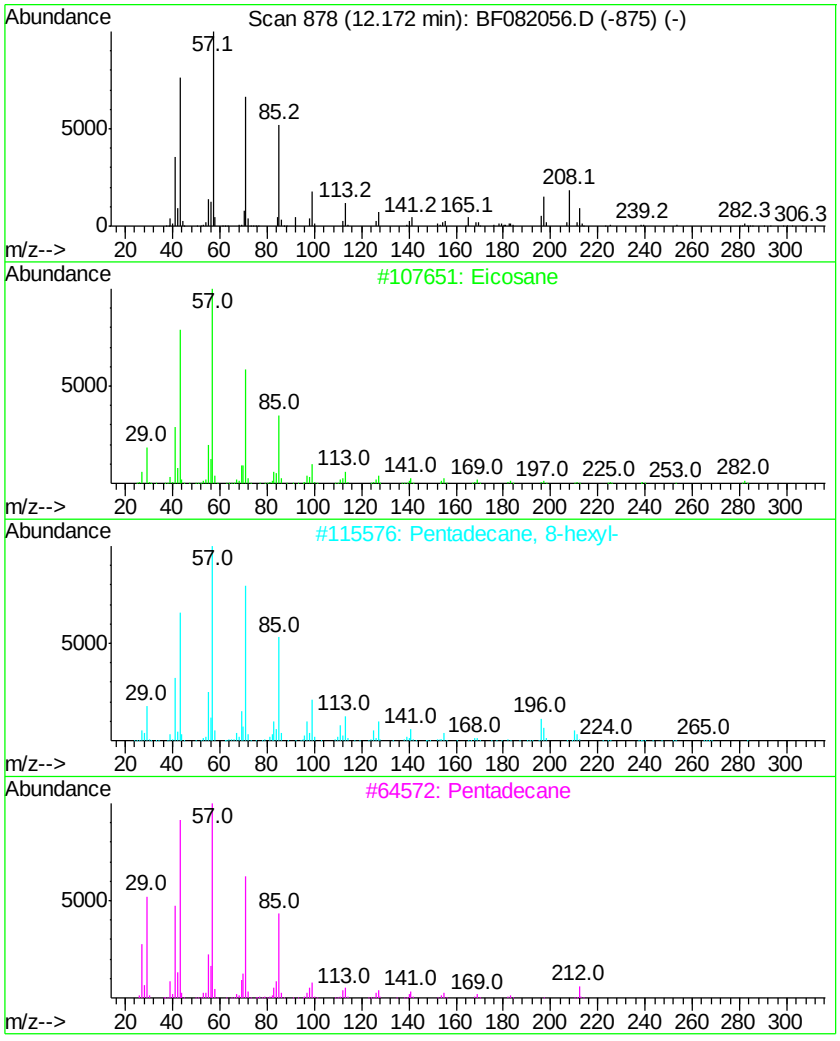
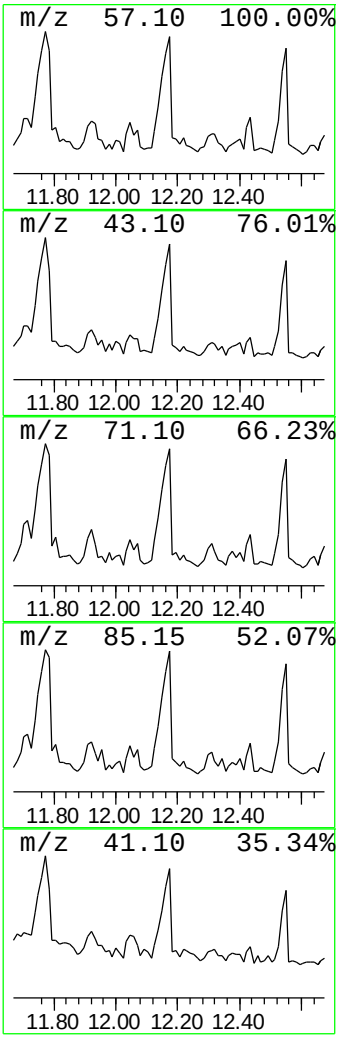
Peak Number 12 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	15.32 ng	3477690	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	72
3	Pentadecane	212	C15H32	000629-62-9	72
4	Octacosane	394	C28H58	000630-02-4	68
5	Heneicosane	296	C21H44	000629-94-7	68





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

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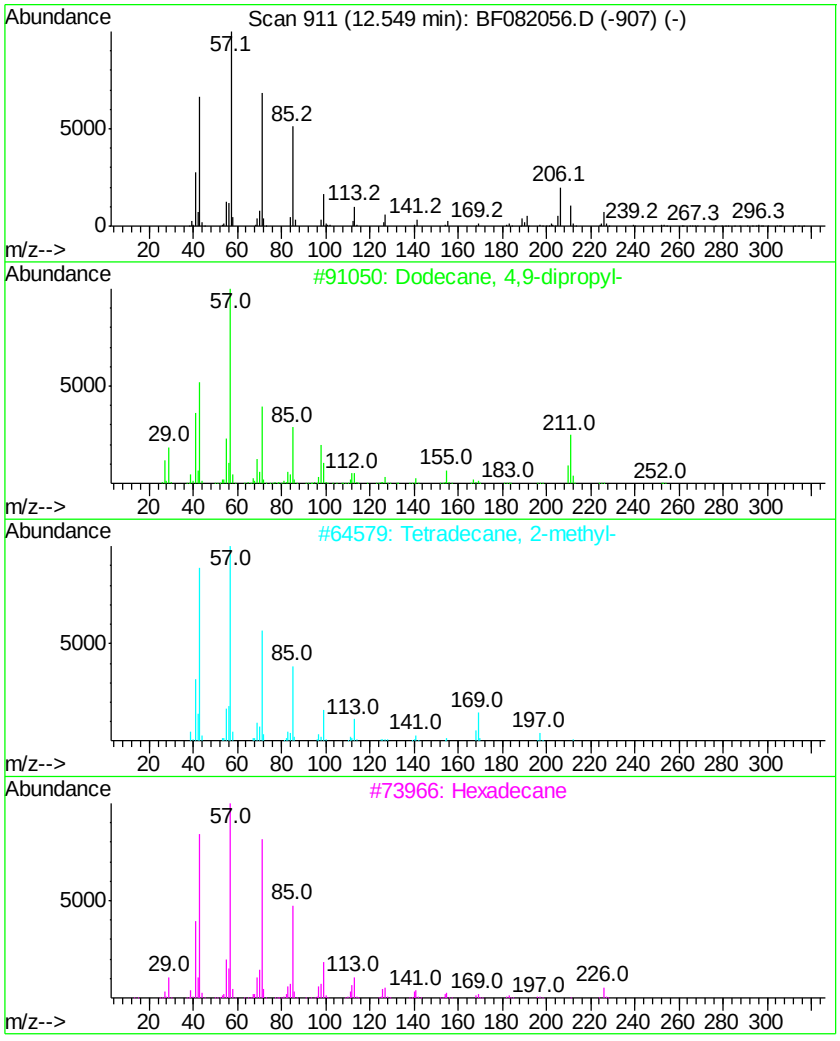
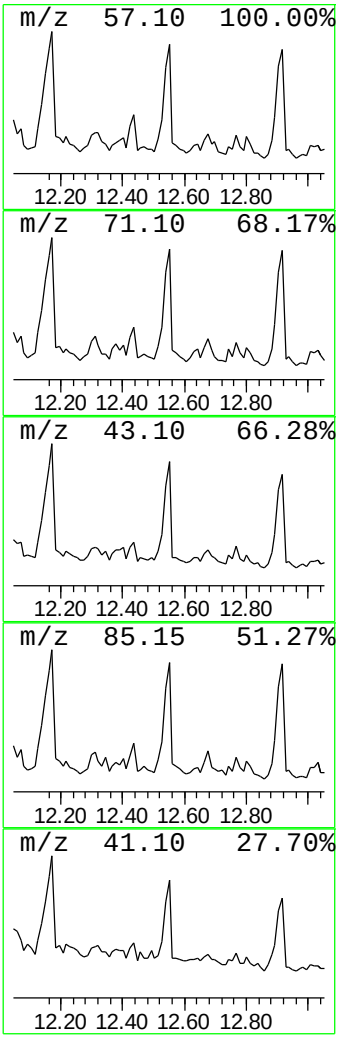
Peak Number 13 Dodecane, 4,9-dipropyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	24.18 ng	5491010	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	72
2	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	68
3	Hexadecane	226	C16H34	000544-76-3	64
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	53
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	53





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ALS Vial : 13 Sample Multiplier: 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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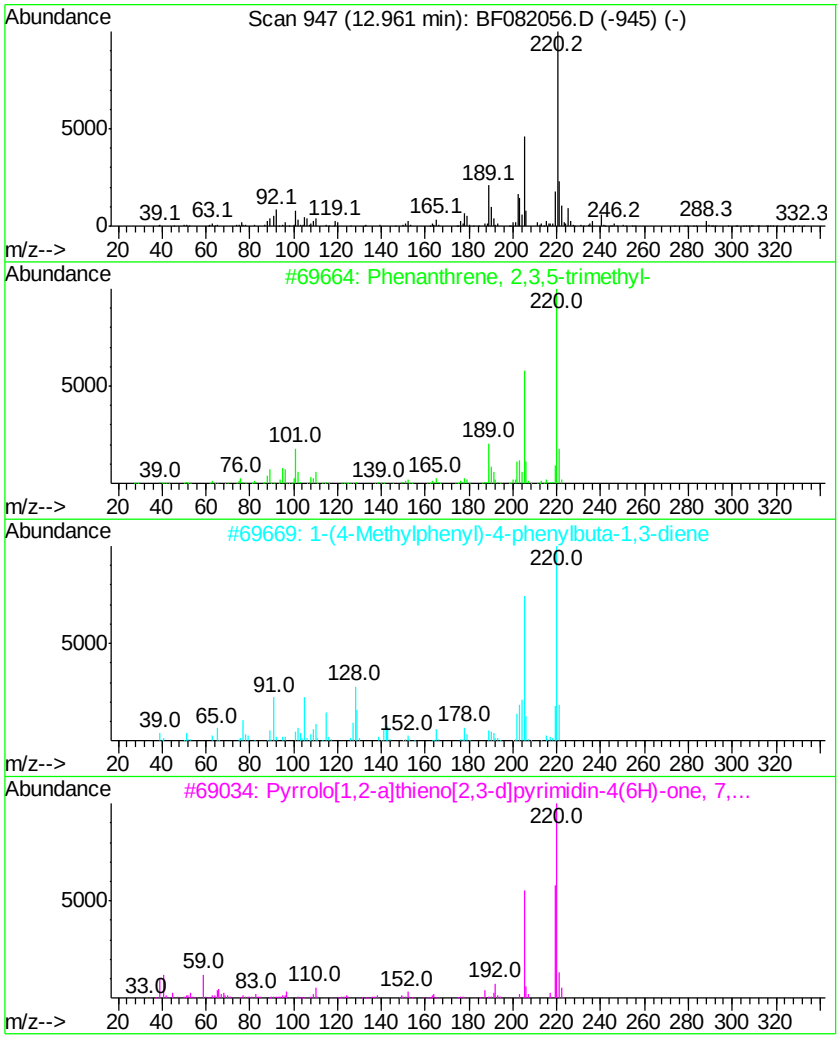
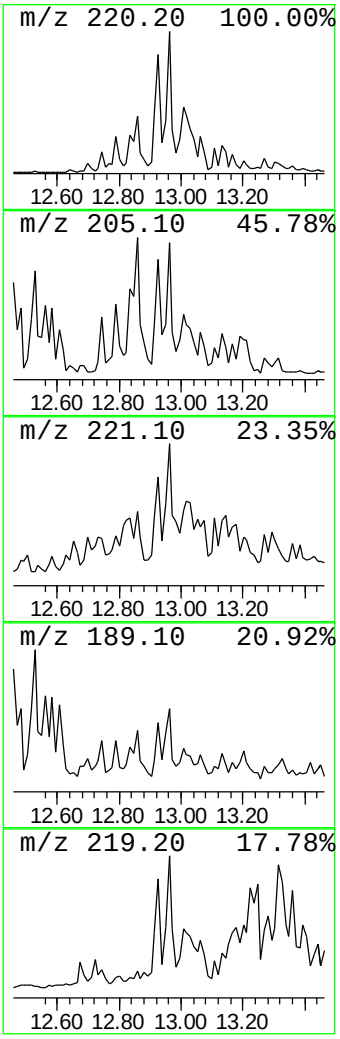
Peak Number 14 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	23.56 ng	1754540	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	64
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	64
3	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	50
4	1,4-Dimethoxy-6,7,8,9-tetrahydro...	220	C13H16O3	079381-09-2	49
5	Methanone, (2-amino-5-chlorophen...	220	C11H9ClN2O	074978-28-2	43





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Instrument : BNA_F
ClientSampleId : 016-TB-13(4-8)

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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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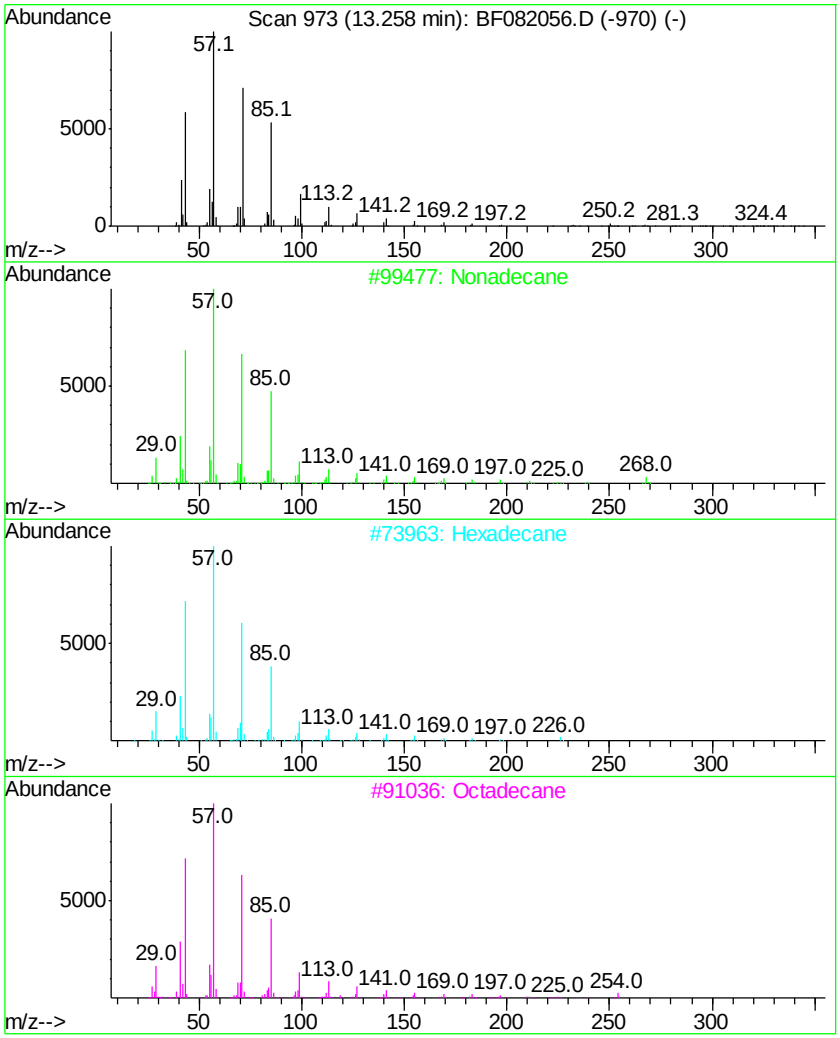
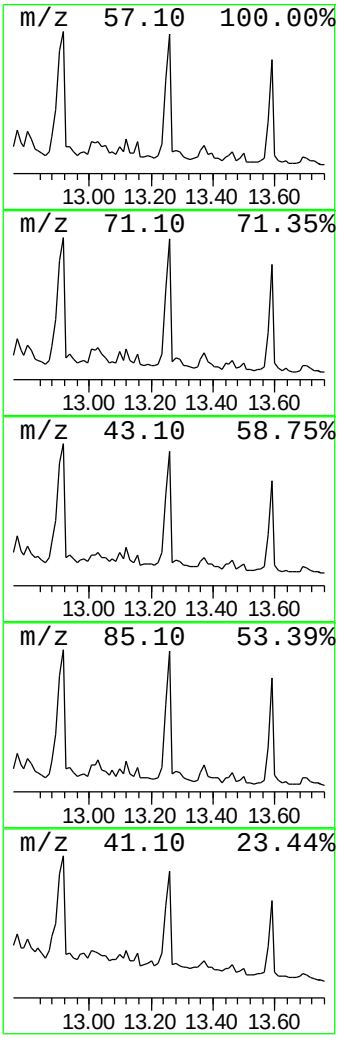
Peak Number 15 Nonadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	42.41 ng	3158020	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Octadecane	254	C18H38	000593-45-3	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
5	Heptacosane	380	C27H56	000593-49-7	87





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Sample : G3846-16
Misc :
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ClientSampleId : 016-TB-13(4-8)

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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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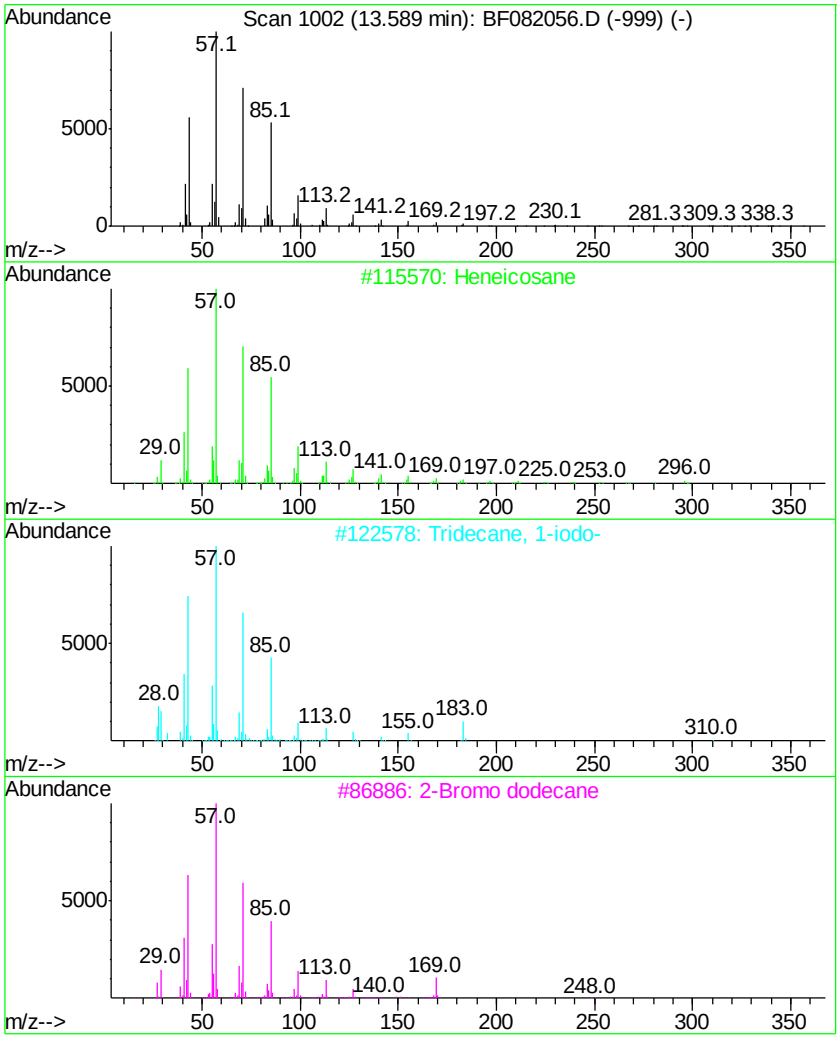
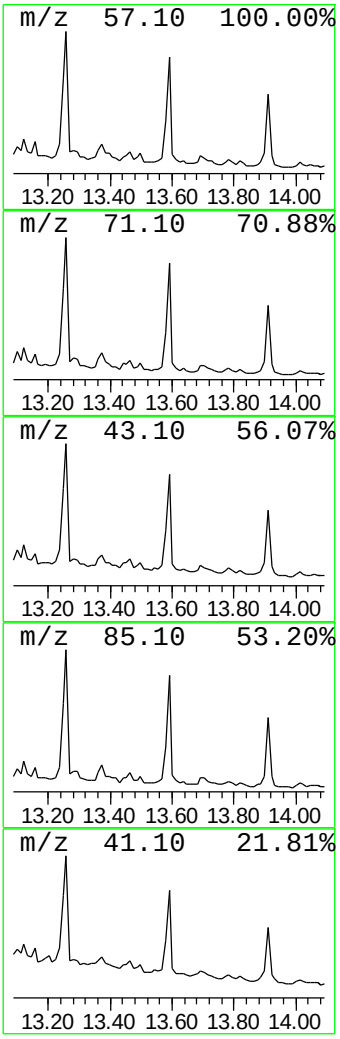
Peak Number 16 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	35.94 ng	2676220	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
4	Nonacosane	408	C29H60	000630-03-5	90
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86





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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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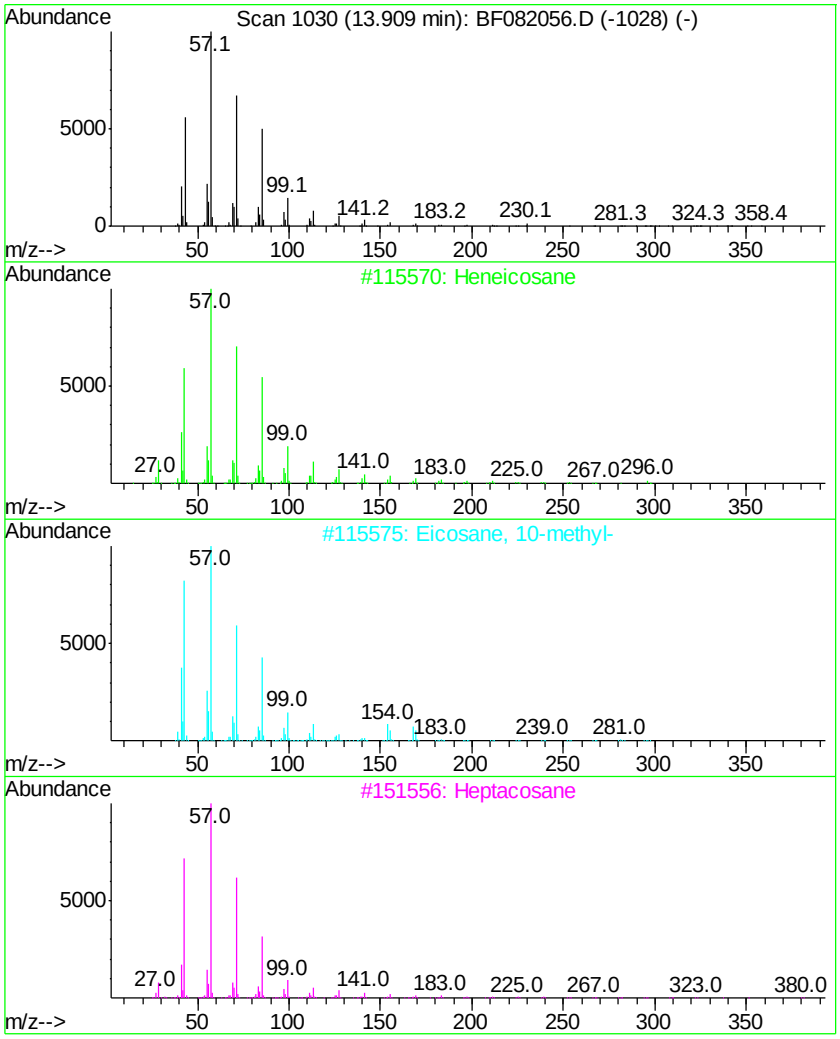
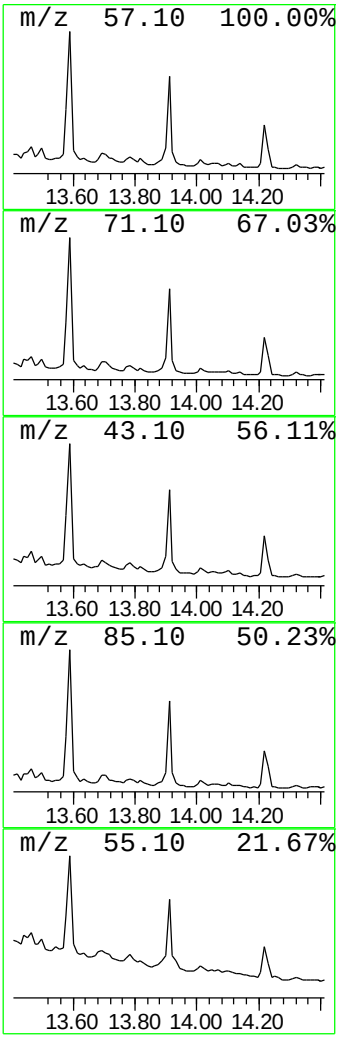
Peak Number 17 Eicosane, 10-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	32.30 ng	2405140	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	83
3	Heptacosane	380	C27H56	000593-49-7	81
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Eicosane	282	C20H42	000112-95-8	74





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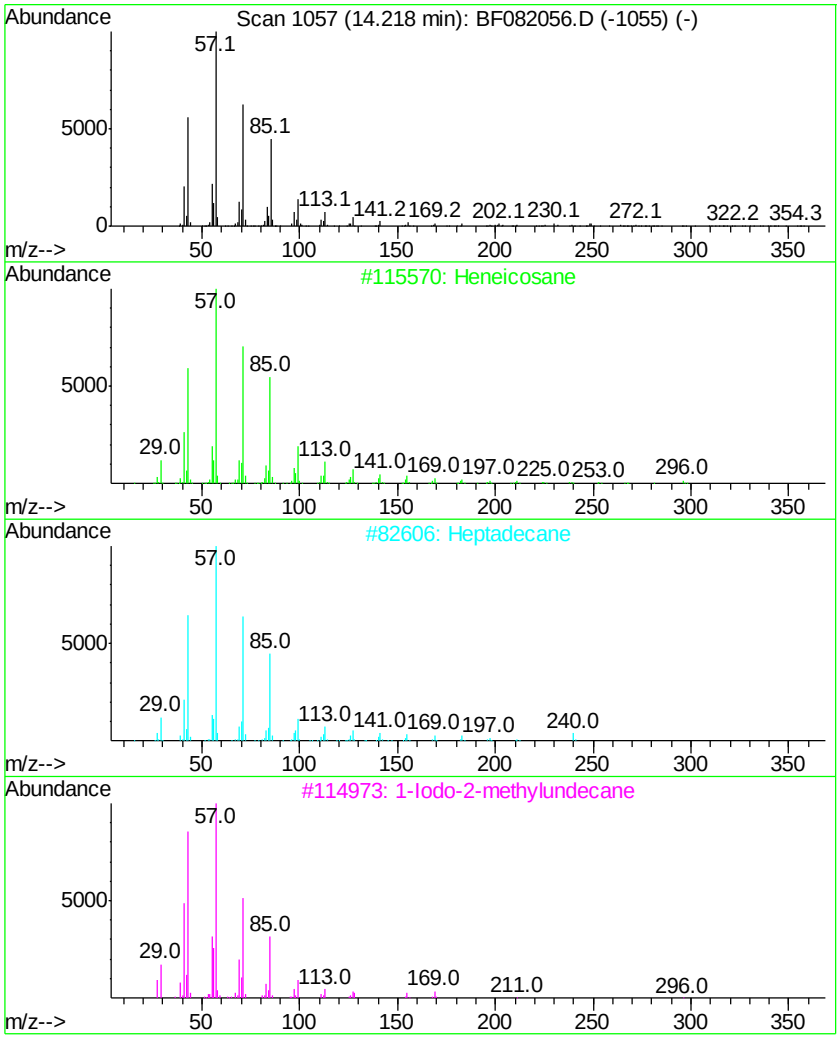
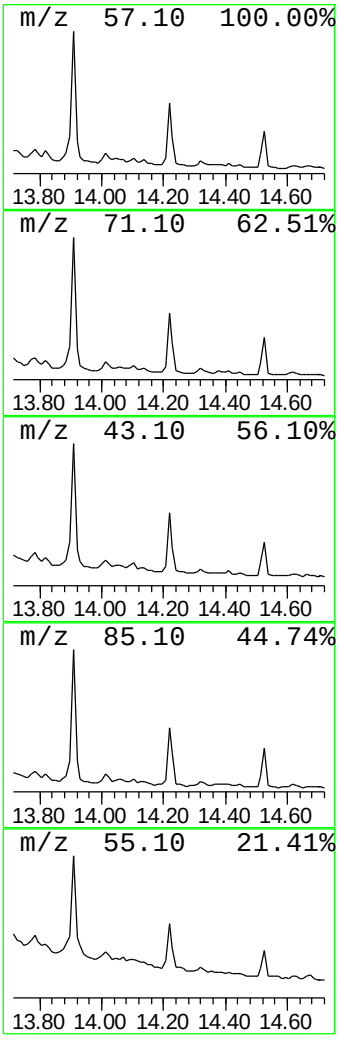
Peak Number 18 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	20.00 ng	1489460	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptadecane	240	C17H36	000629-78-7	95
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Nonacosane	408	C29H60	000630-03-5	90





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Sample : G3846-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 016-TB-13(4-8)

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

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

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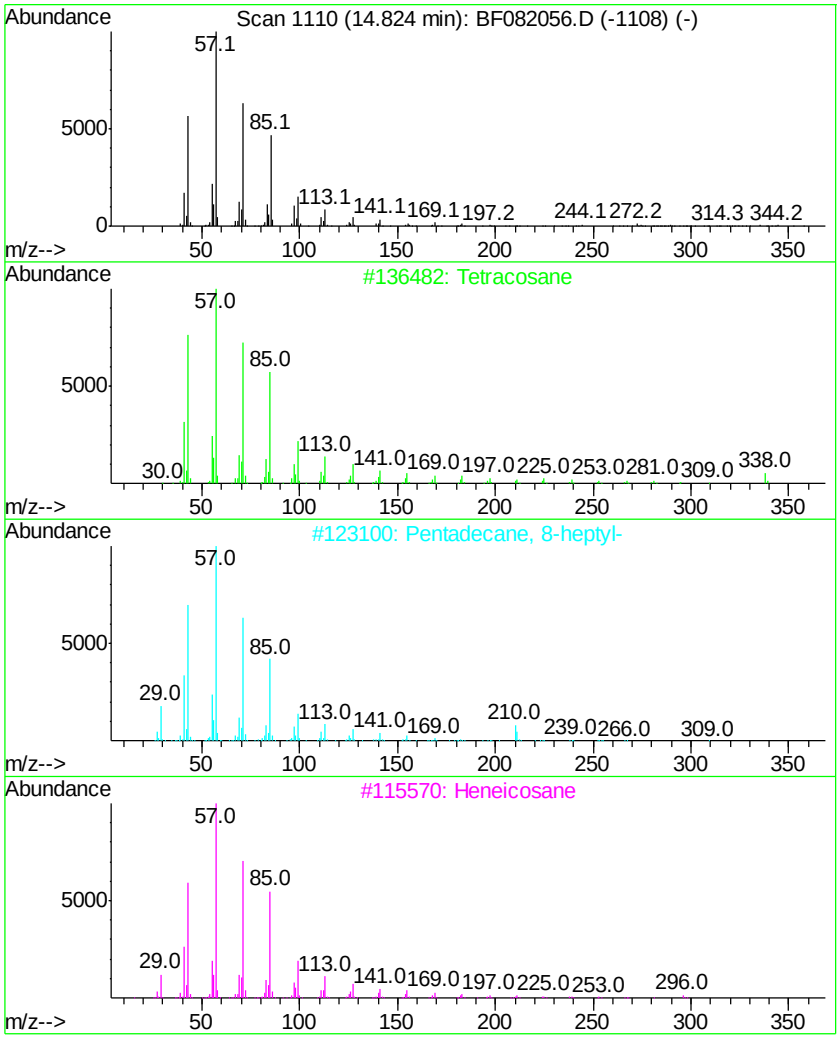
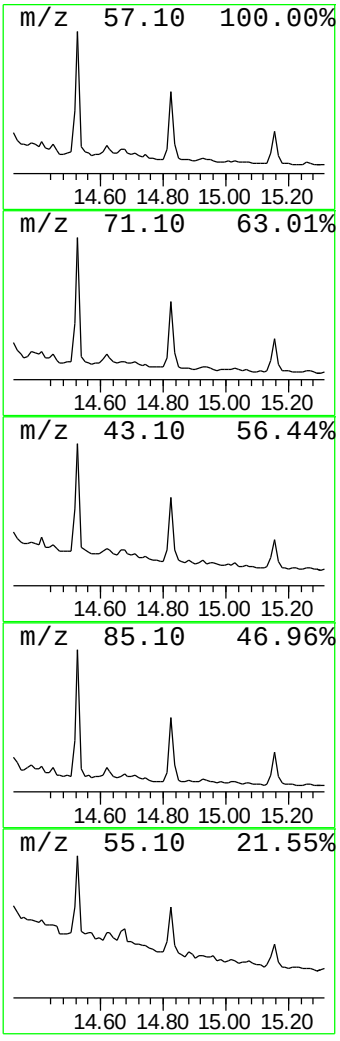
Peak Number 19 Tetracosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	12.85 ng	327053	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Eicosane	282	C20H42	000112-95-8	86





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ClientSampleId : 016-TB-13(4-8)

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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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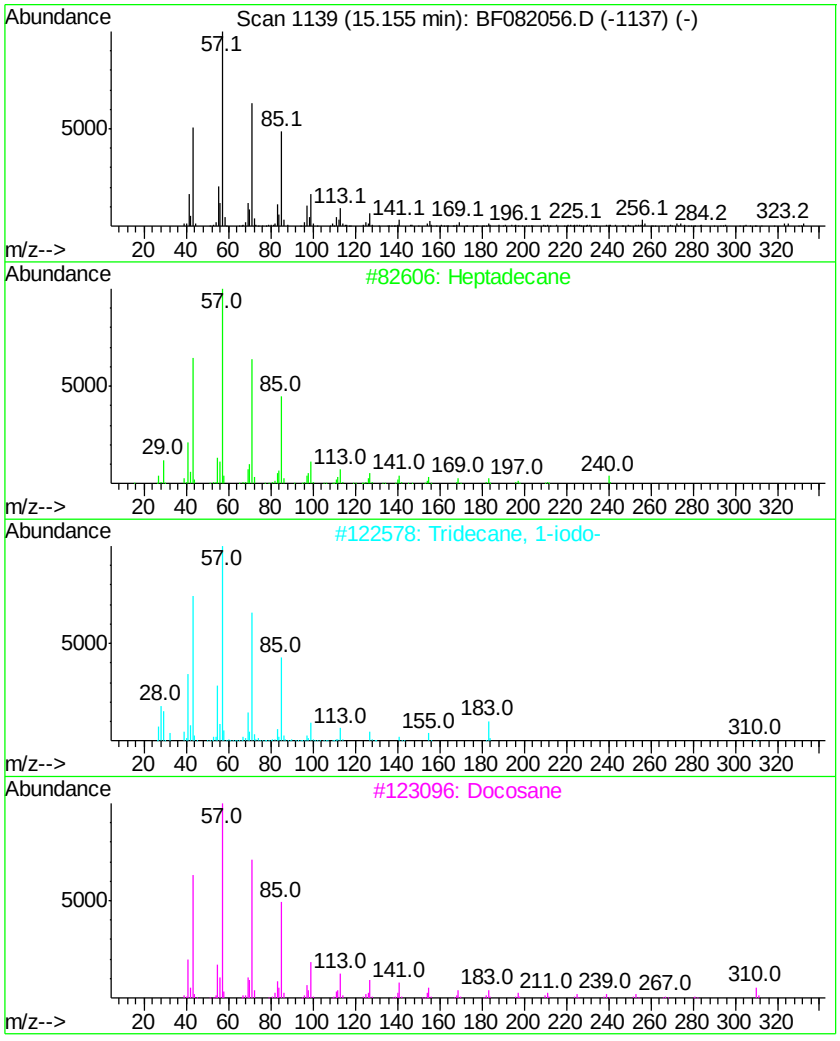
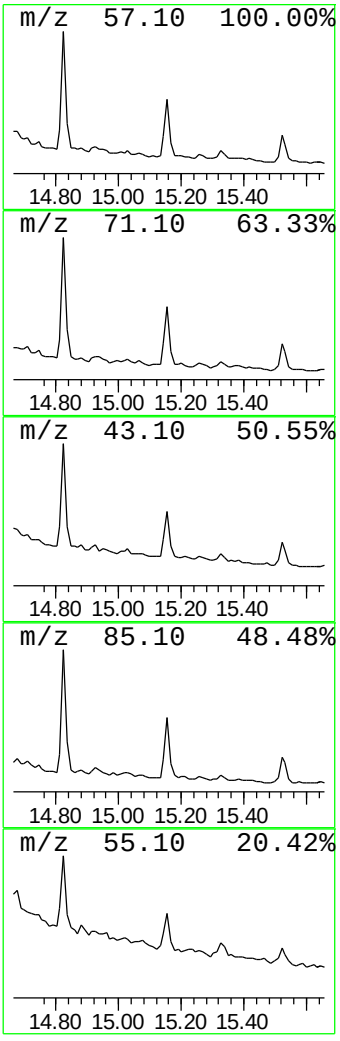
Peak Number 20 Tridecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	15.08 ng	384058	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
3	Docosane	310	C22H46	000629-97-0	93
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87





Tentatively Identified Compound (LSC) summary

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Data File : BF082056.D
Acq On : 5 Oct 2015 20:58
Operator : UM/IZ
Sample : G3846-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 016-TB-13(4-8)

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Nonane	5.78	12.3	ng	5638110	1	6.90	9147910	20.0
Octane, 2,6-dimet...	6.13	12.8	ng	5865360	1	6.90	9147910	20.0
Heptane, 3-ethyl-...	6.18	9.8	ng	4484770	1	6.90	9147910	20.0
Benzene, 1-ethyl-...	6.42	28.5	ng	13022400	1	6.90	9147910	20.0
unknown6.65	6.65	8.2	ng	3742950	1	6.90	9147910	20.0
Benzene, (1-methy...	6.96	11.2	ng	5125520	1	6.90	9147910	20.0
Benzene, 1-methyl...	7.18	8.9	ng	4079230	1	6.90	9147910	20.0
Benzene, 2-ethyl-...	7.22	12.9	ng	5900330	1	6.90	9147910	20.0
Benzene, 1,3-diet...	7.87	27.8	ng	13679800	2	8.21	9828580	20.0
Anthracene, 2-met...	12.01	20.0	ng	4540890	4	11.49	4540890	20.0
Eicosane	12.17	15.3	ng	3477690	4	11.49	4540890	20.0
Dodecane, 4,9-dip...	12.55	24.2	ng	5491010	4	11.49	4540890	20.0
Phenanthrene, 2,3...	12.96	23.6	ng	1754540	5	14.08	1489460	20.0
Nonadecane	13.26	42.4	ng	3158020	5	14.08	1489460	20.0
Heneicosane	13.59	35.9	ng	2676220	5	14.08	1489460	20.0
Eicosane, 10-methyl-	13.91	32.3	ng	2405140	5	14.08	1489460	20.0
Heptadecane	14.22	20.0	ng	1489460	5	14.08	1489460	20.0
Tetracosane	14.82	12.9	ng	327053	6	15.51	509212	20.0
Tridecane, 1-iodo-	15.16	15.1	ng	384058	6	15.51	509212	20.0