LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 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-BF050916.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	4.841	239	241	250	rBV	142709	231059	5.66%	0.413%
2	5.287	277	280	282	rBV	3059734	3847321	94.30%	6.877%
3	6.350	370	373	375	rBV	3468030	4080046	100.00%	7.293%
4	6.453	380	382	385	rBV	3095079	3633997	89.07%	6.496%
5	6.681	400	402	406	rBV	1159596	1084269	26.57%	1.938%
6	6.841	413	416	418	rBV	3227421	3113758	76.32%	5.566%
7	7.104	437	439	442	rBV4	28160	64718	1.59%	0.116%
8	7.253	450	452	455	rBV	2162165	2302037	56.42%	4.115%
9	7.333	457	459	461	rVB	49140	66736	1.64%	0.119%
10	7.379	461	463	467	rBV2	51657	116992	2.87%	0.209%
11	7.482	469	472	475	rVB3	55651	116146	2.85%	0.208%
12	7.607	482	483	485	rVB2	69619	66342	1.63%	0.119%
13	7.733	491	494	495	rBV	57738	86225	2.11%	0.154%
14	7.802	497	500	502	rBV3	53007	91370	2.24%	0.163%
15	7.859	502	505	507	rBV2	169989	282635	6.93%	0.505%
16	7.973	512	515	517	rVV	1227741	1241852	30.44%	2.220%
17	8.042	520	521	522	rBV	247491	200574	4.92%	0.359%
18	8.133	527	529	531	rBV2	87849	175564	4.30%	0.314%
19	8.179	531	533	534	rVB	210168	196887	4.83%	0.352%
20	8.259	537	540	541	rVB	141256	190879	4.68%	0.341%
21	8.293	541	543	544	rBV	115067	160534	3.93%	0.287%
22	8.327	544	546	547	rBV	104575	175918	4.31%	0.314%
23	8.362	547	549	550	rVB2	118285	127459	3.12%	0.228%
24	8.407	550	553	557	rBV2	600139	1171964	28.72%	2.095%
25	8.510	560	562	565	rBV2	393991	483481	11.85%	0.864%
26	8.567	565	567	569	rBV2	129191	267041	6.55%	0.477%
27	8.659	569	575	578	rBV2	301264	801482	19.64%	1.433%
28	8.716	578	580	581	rBV2	263413	437242	10.72%	0.782%
29	8.853	591	592	594	rBV	305835	345393	8.47%	0.617%
30	8.956	599	601	602	rBV	490126	541255	13.27%	0.968%
31	9.002	603	605	607	rVV	963592	944418	23.15%	1.688%
32	9.047	607	609	611	rBV	2554735	3061908	75.05%	5.473%
33	9.093	611	613	614	rBV2	180820	292123	7.16%	0.522%
34	9.127	614	616	619	rBV2	911659	1704310	41.77%	3.046%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 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-BF050916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.185	619	621	622	rBV	514991	614698	15.07%	1.099%
36	9.425	640	642	644	rBV	661419	1322461	32.41%	2.364%
37	9.459	644	645	646	rVB	1010468	767823	18.82%	1.372%
38	9.607	655	658	659	rBV2	740677	1706955	41.84%	3.051%
39	9.722	664	668	670	rVB4	1187091	2394096	58.68%	4.279%
40	10.133	702	704	705	rVB	557436	595709	14.60%	1.065%
41	10.396	725	727	729	rVB	1164085	1478432	36.24%	2.643%
42	10.522	736	738	739	rBV	1108686	1089502	26.70%	1.948%
43	10.659	747	750	753	rVB	2933280	3823592	93.71%	6.835%
44	10.716	753	755	756	rBV	869001	994778	24.38%	1.778%
45	11.116	788	790	793	rVB	2256213	2535617	62.15%	4.532%
46	11.208	796	798	803	rVB	820829	1280694	31.39%	2.289%
47	12.259	888	890	891	rVB	679971	529570	12.98%	0.947%
48	12.705	927	929	932	rVB	788177	929149	22.77%	1.661%
49	12.785	934	936	939	rVB	1732966	2165676	53.08%	3.871%
50	13.231	973	975	977	rVB2	298166	425034	10.42%	0.760%
51	13.825	1025	1027	1031	rVB	716876	899294	22.04%	1.608%
52	15.197	1145	1147	1152	rVB	560444	686429	16.82%	1.227%

Sum of corrected areas: 55943444

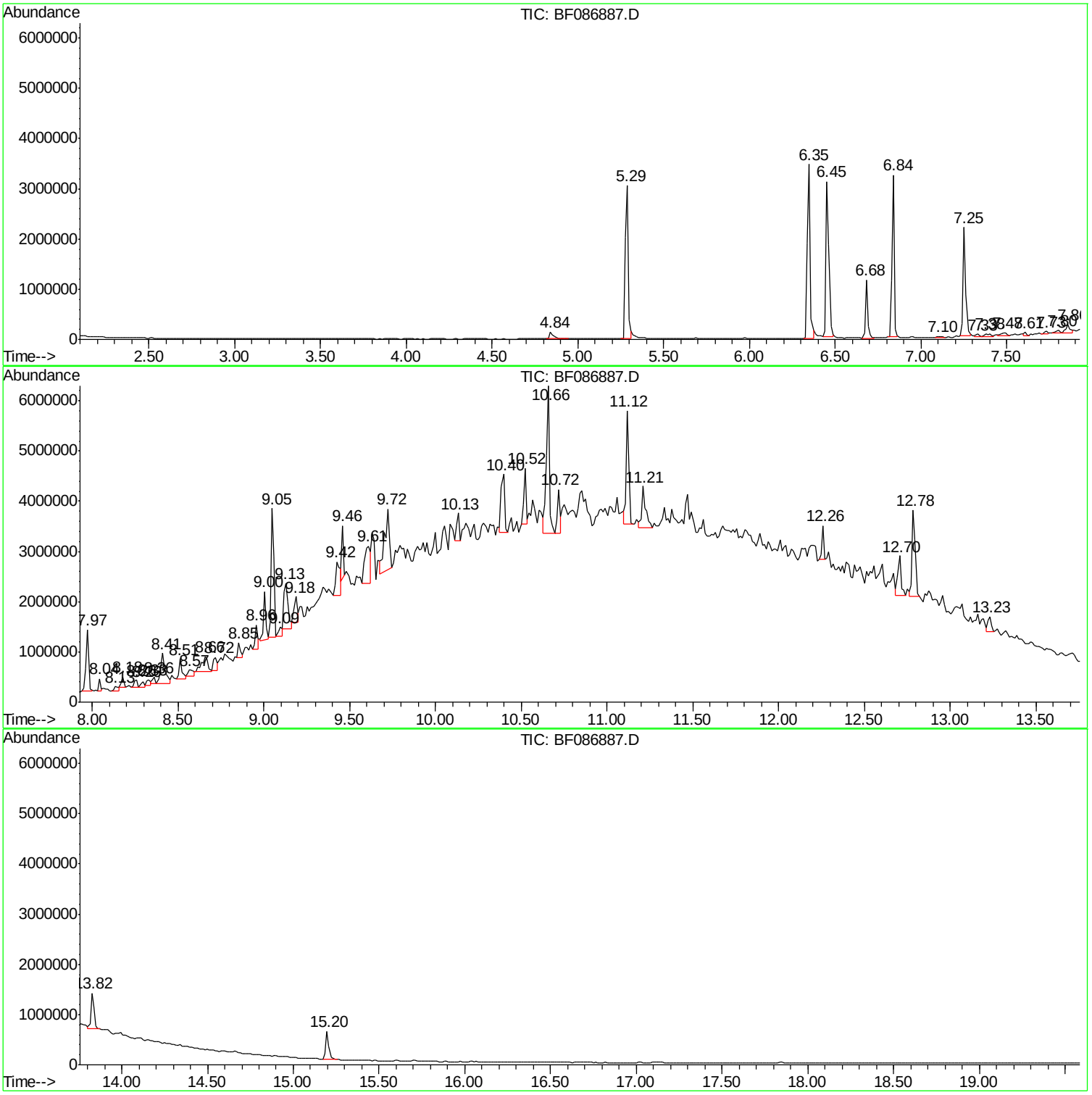
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

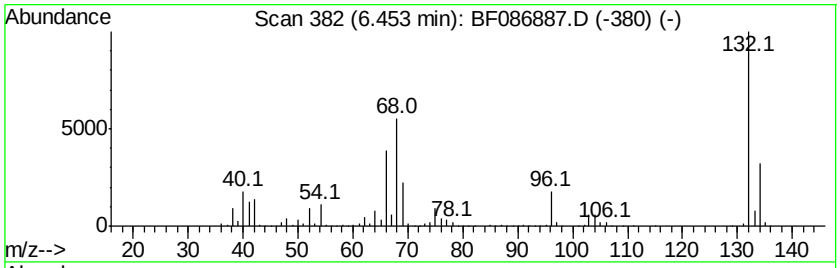
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

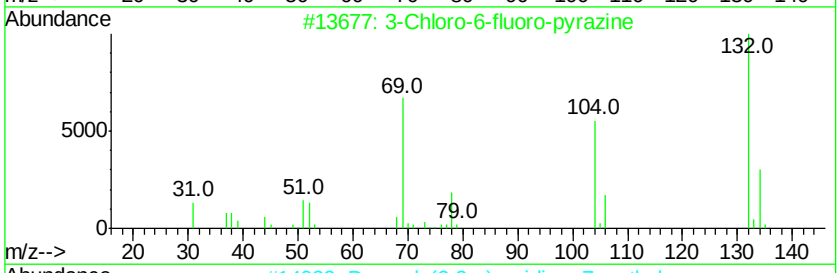
****

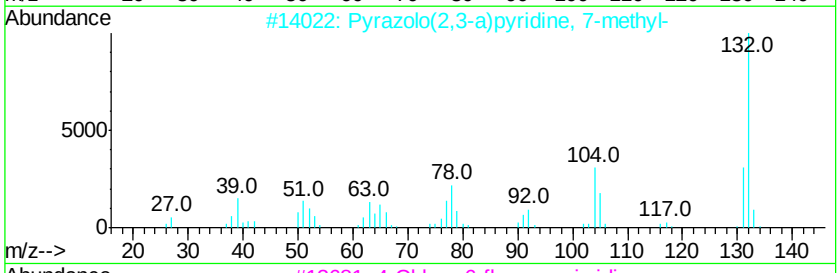
Peak Number 1 unknown6.45 Concentration Rank 1

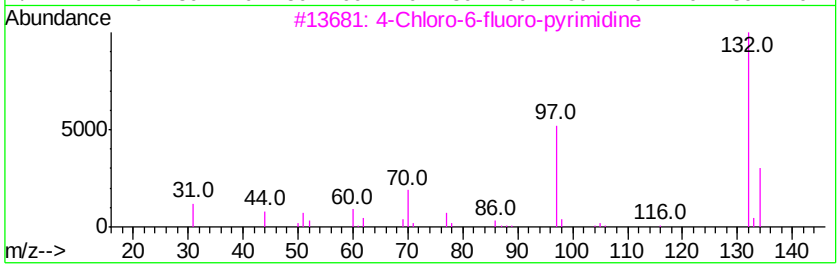
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	67.03 ng	3634000	1,4-Dichlorobenzene-d4	6.68

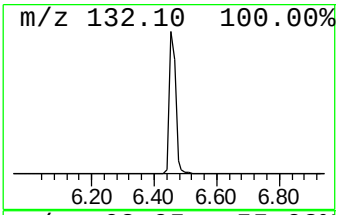
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	14
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10

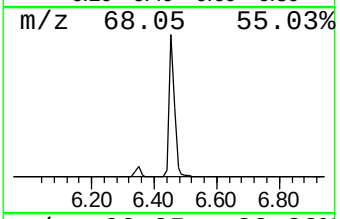


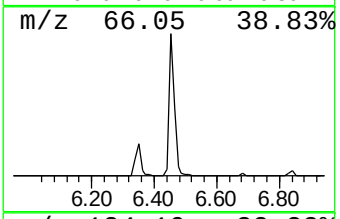


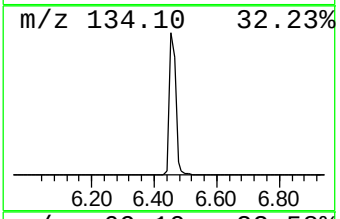


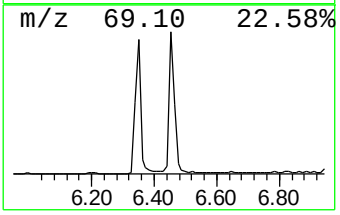












Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

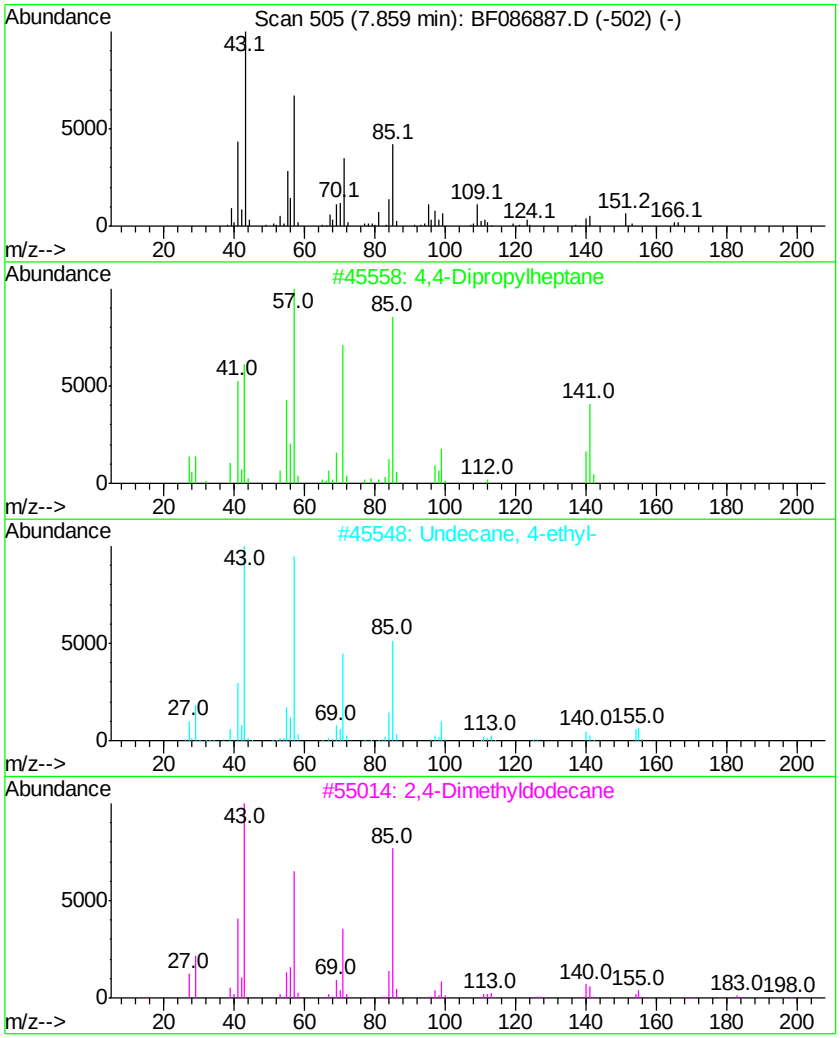
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

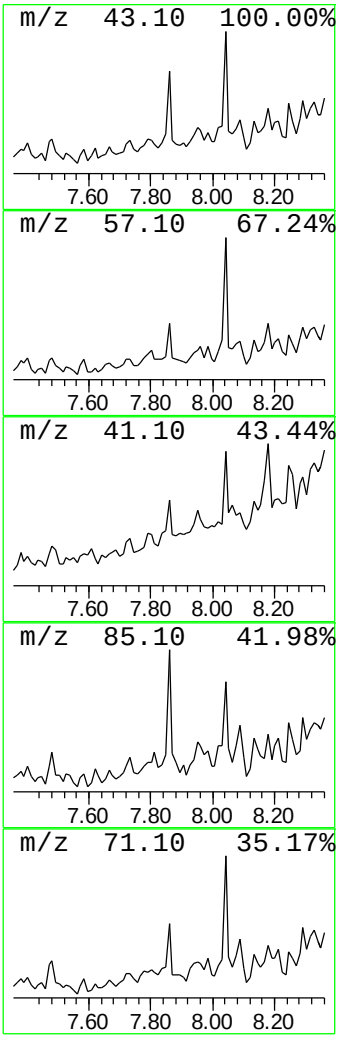
****

Peak Number 3 4,4-Dipropylheptane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	4.55 ng	282635	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4-Dipropylheptane	184	C13H28	017312-72-0	58
2	Undecane, 4-ethyl-	184	C13H28	017312-59-3	53
3	2,4-Dimethyldodecane	198	C14H30	006117-99-3	50
4	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	50
5	1-Hexanol, 2-ethyl-2-propyl-	172	C11H24O	054461-00-6	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

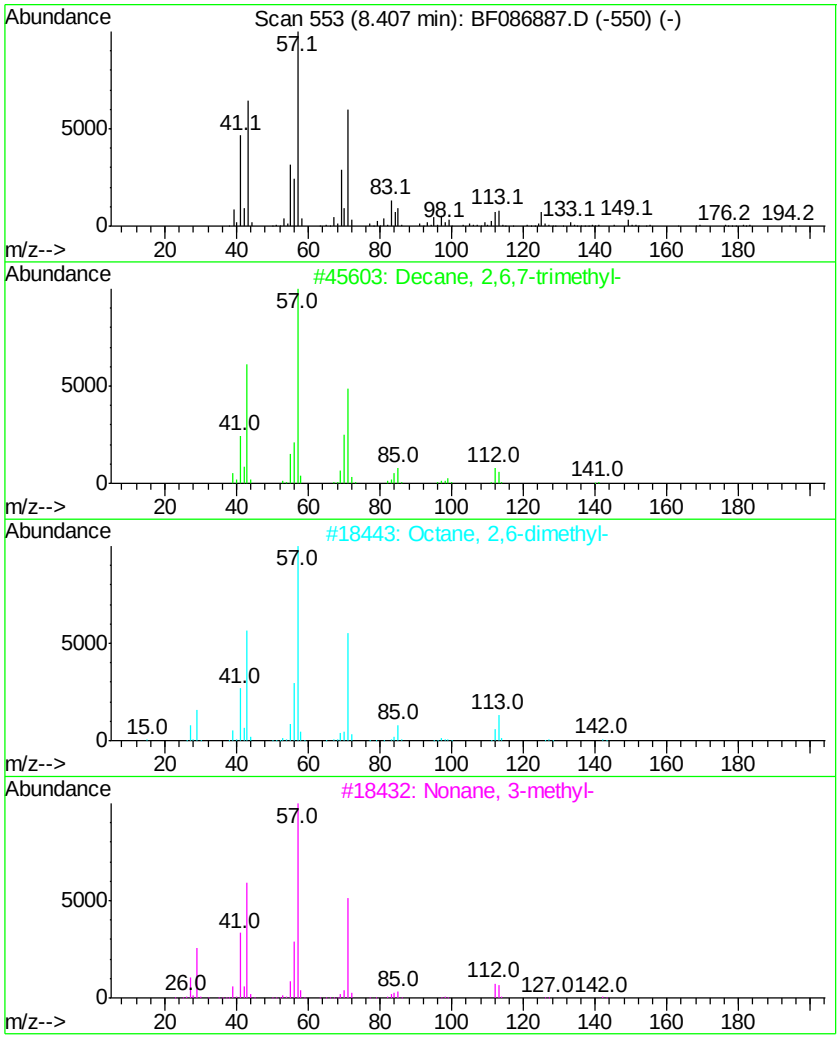
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

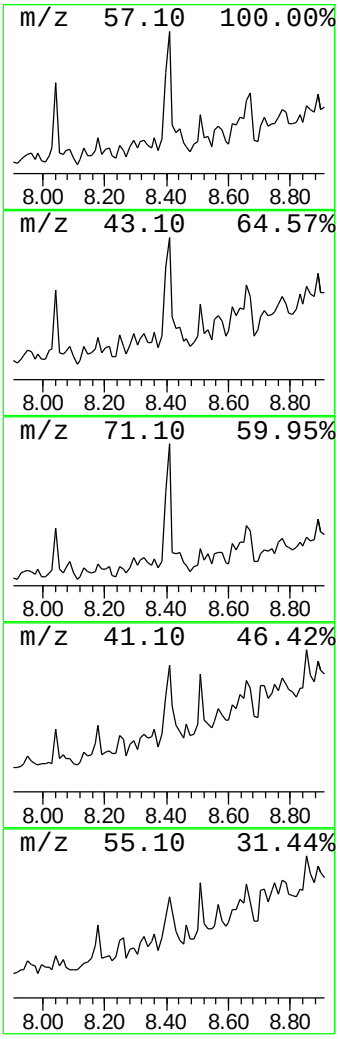
****

Peak Number 4 Decane, 2,6,7-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	18.87 ng	1171960	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	86
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
4	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	64
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

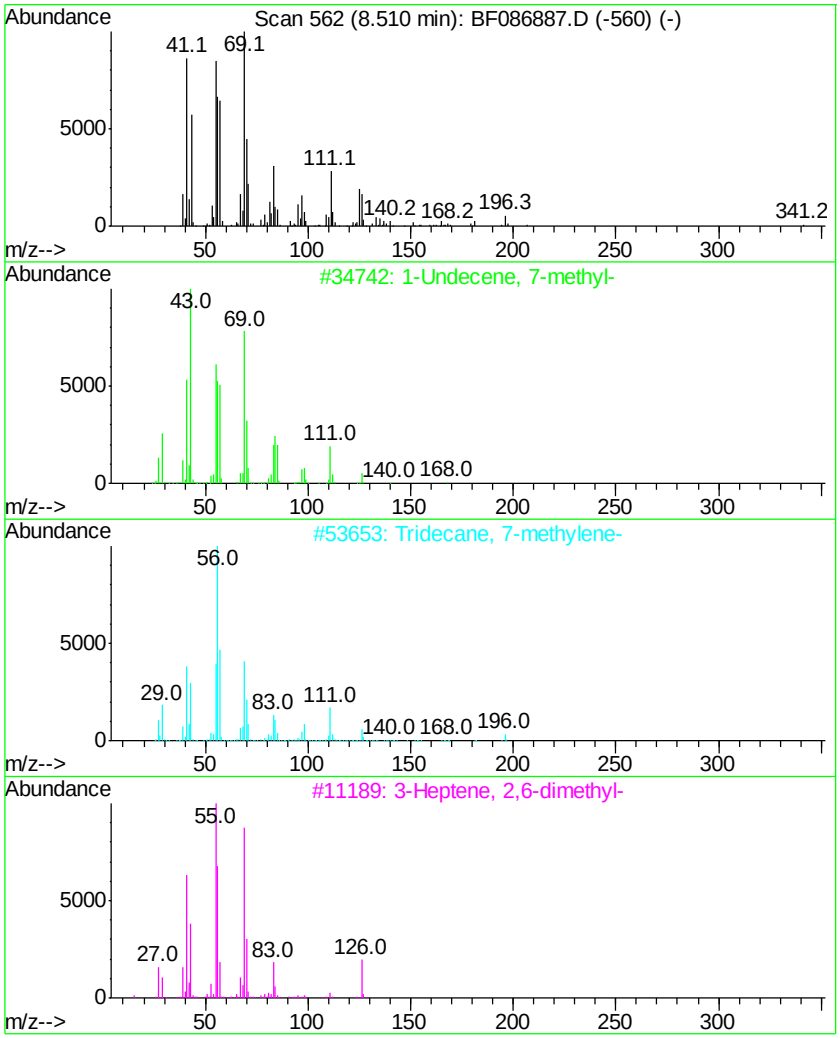
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

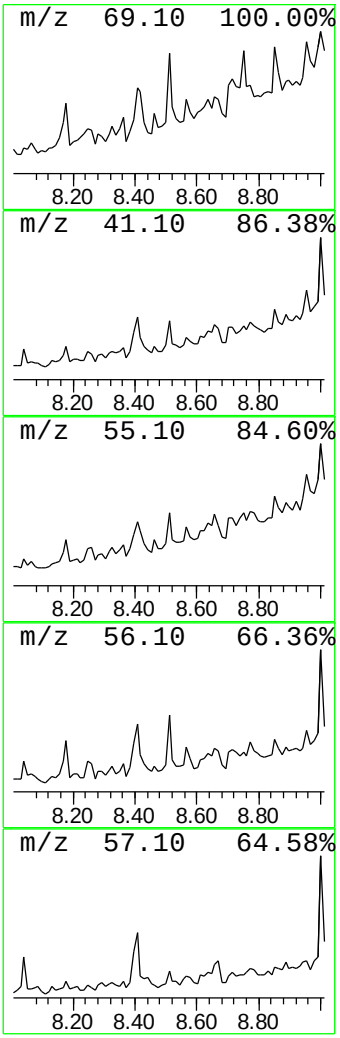
****

Peak Number 5 1-Undecene, 7-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	7.79 ng	483481	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene, 7-methyl-	168	C12H24	074630-42-5	81
2	Tridecane, 7-methylene-	196	C14H28	019780-80-4	70
3	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	64
4	7-Tetradecene, (E)-	196	C14H28	041446-63-3	62
5	Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

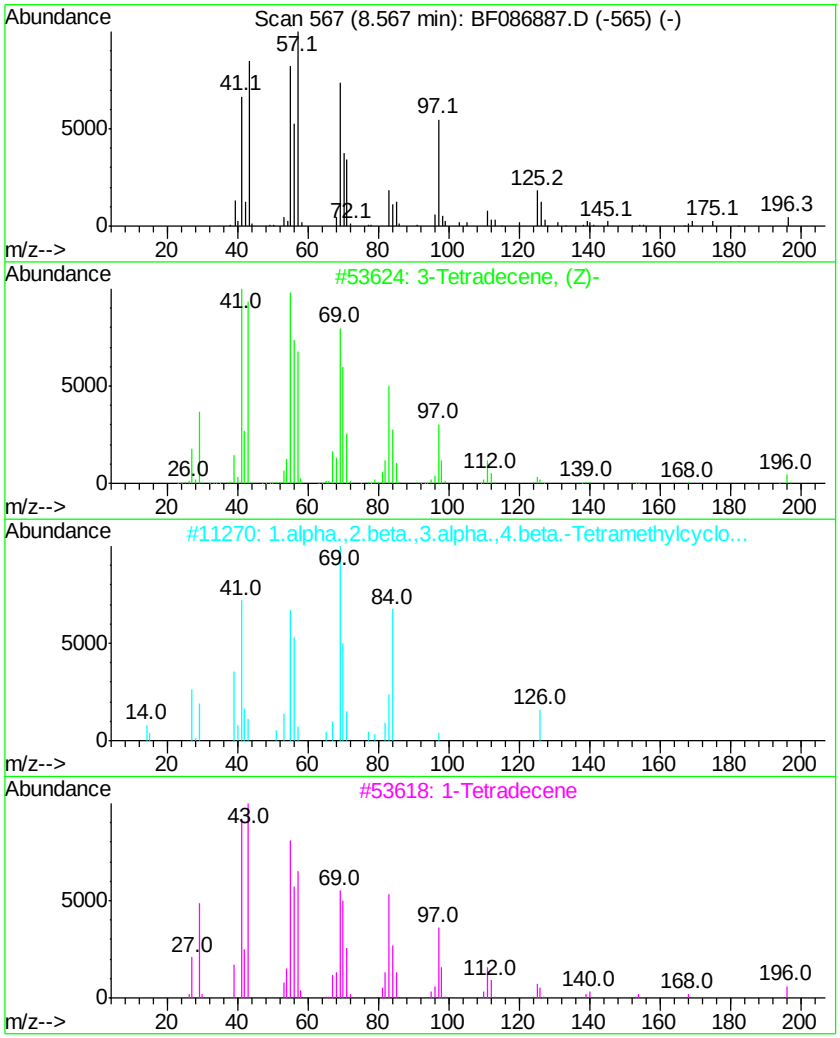
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

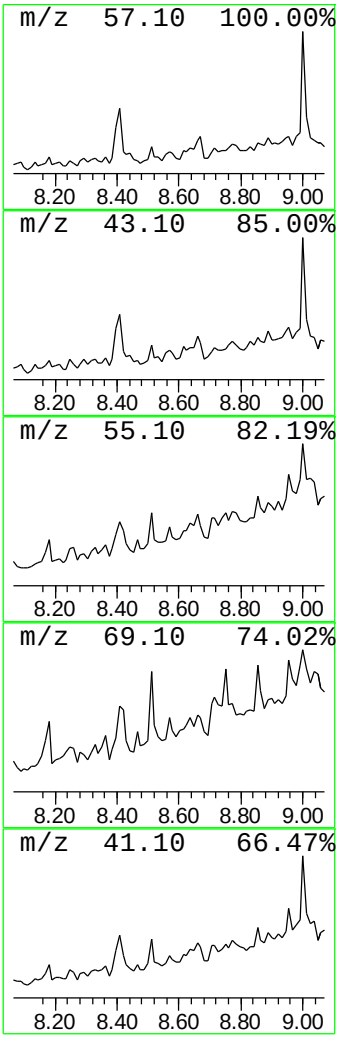
****

Peak Number 6 3-Tetradecene, (Z)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	4.30 ng	267041	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Tetradecene, (Z)-	196	C14H28	041446-67-7	58
2	1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	52
3	1-Tetradecene	196	C14H28	001120-36-1	43
4	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	43
5	Cyclopropanecarboxylic acid, 2-e...	198	C12H22O2	103604-31-5	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

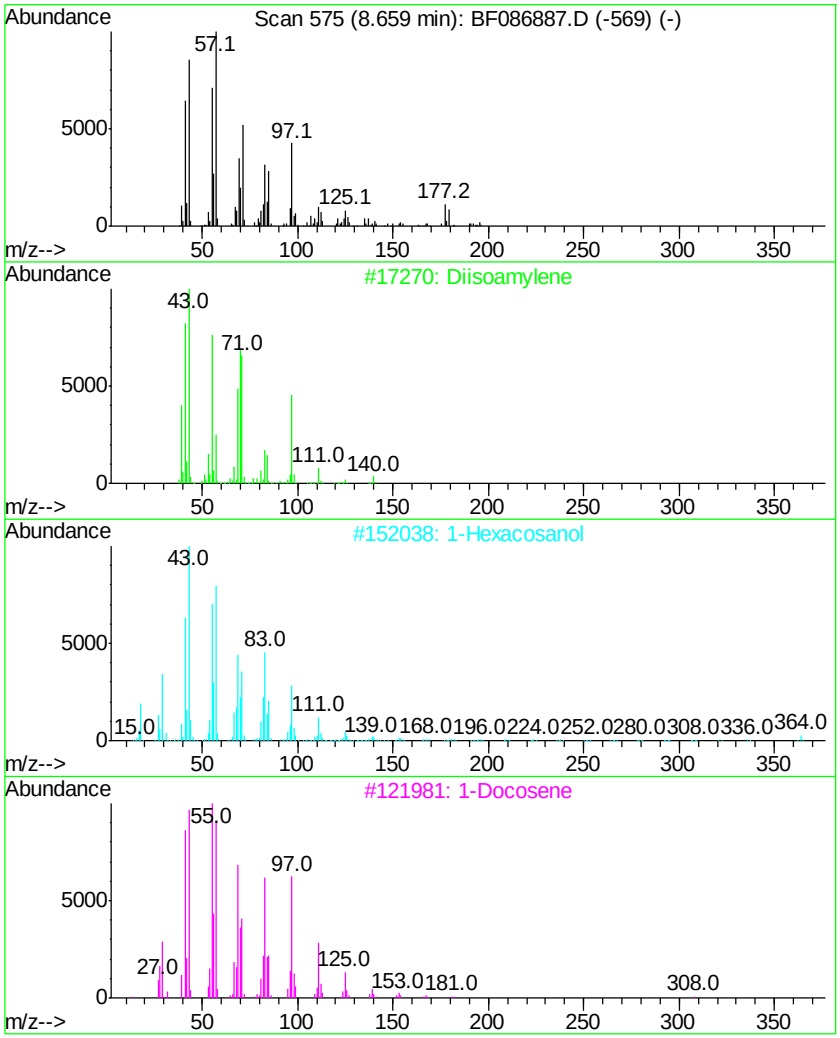
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

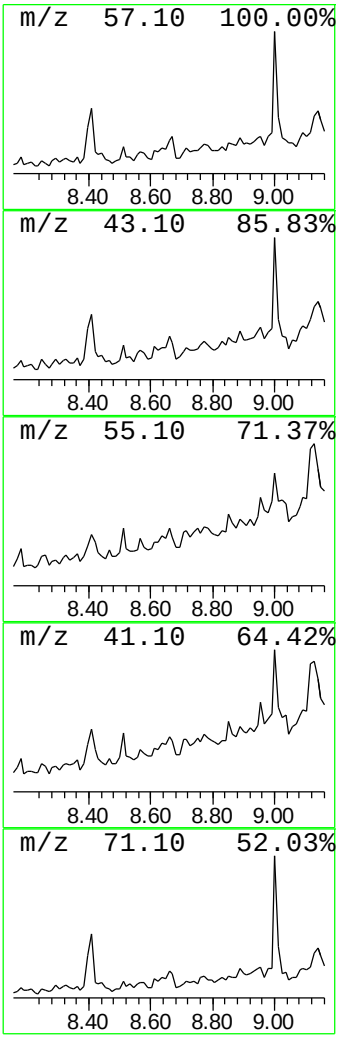
****

Peak Number 7 Diisoamylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	12.91 ng	801482	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisoamylene	140	C10H20	054063-09-1	55
2	1-Hexacosanol	382	C26H54O	000506-52-5	52
3	1-Docosene	308	C22H44	001599-67-3	52
4	1-Tetracosanol	354	C24H50O	000506-51-4	52
5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

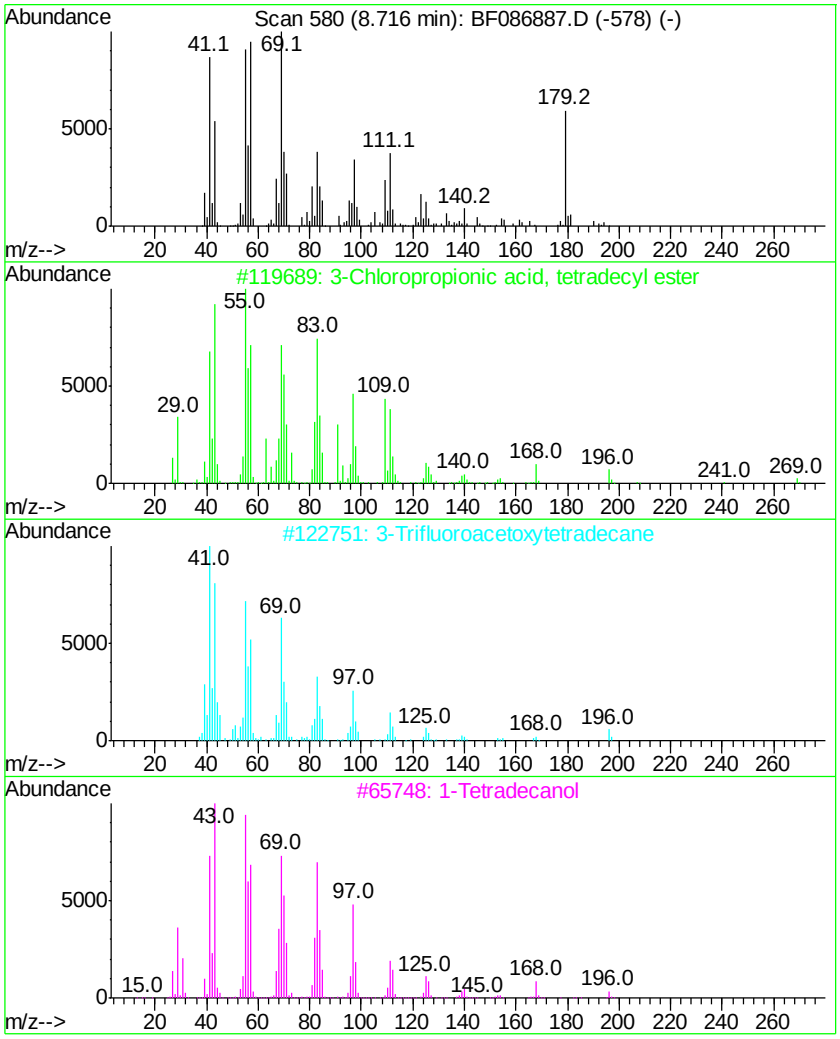
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

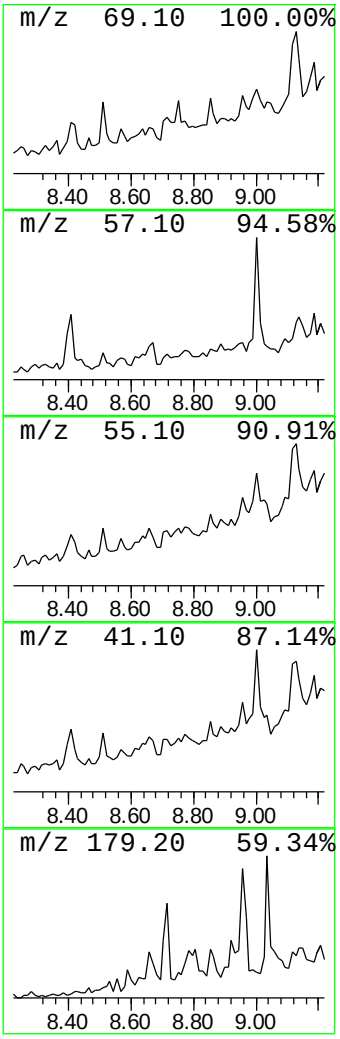
****

Peak Number 8 unknown8.72 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	7.04 ng	437242	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloropropionic acid, tetradec...	304	C17H33ClO2	064120-16-7	38
2	3-Trifluoroacetoxytetradecane	310	C16H29F3O2	1000245-47-5	38
3	1-Tetradecanol	214	C14H30O	000112-72-1	30
4	4-Trifluoroacetoxytridecane	296	C15H27F3O2	1000245-47-3	30
5	Acetic acid, trifluoro-, tetrade...	310	C16H29F3O2	006222-02-2	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

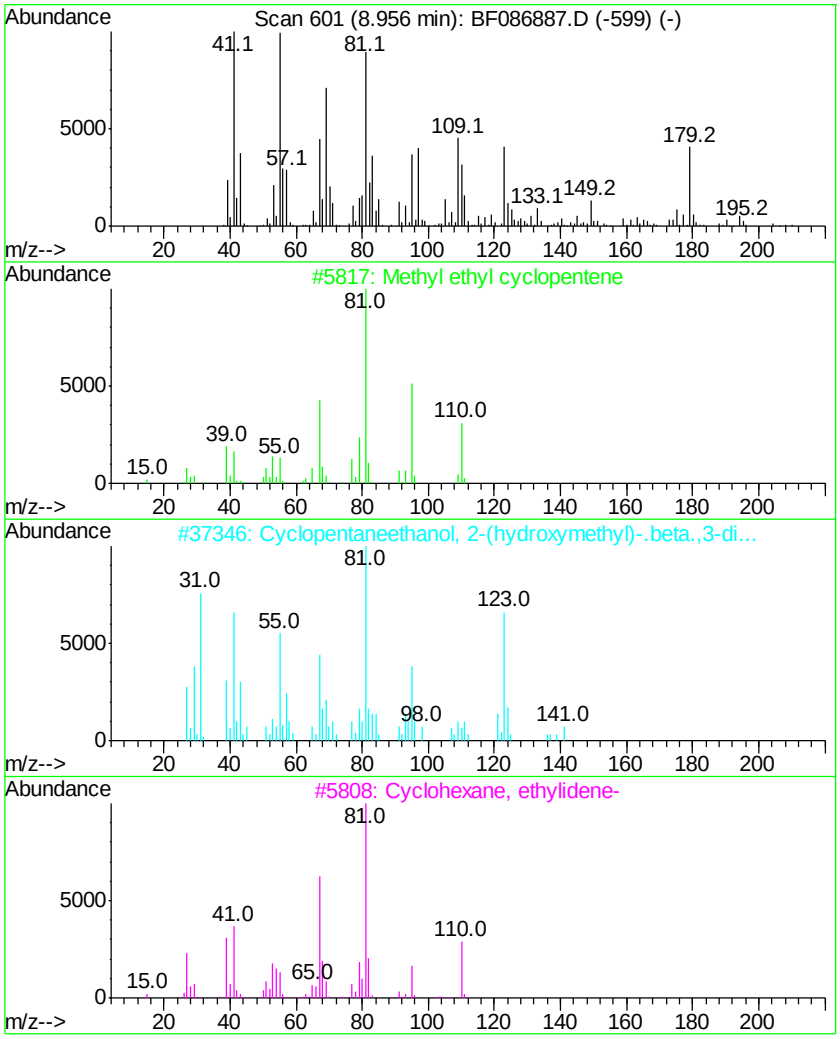
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

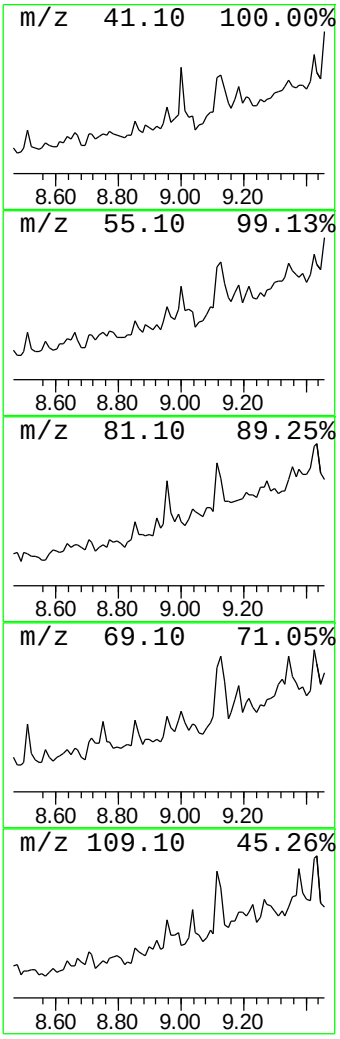
****

Peak Number 9 unknown8.96 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	4.52 ng	541255	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	46
2	Cyclopentaneethanol, 2-(hydroxym...	172	C10H20O2	000485-42-7	37
3	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	35
4	Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-30-1	35
5	2-Propenyl-3-vinyloxirane	110	C7H10O	070597-49-8	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

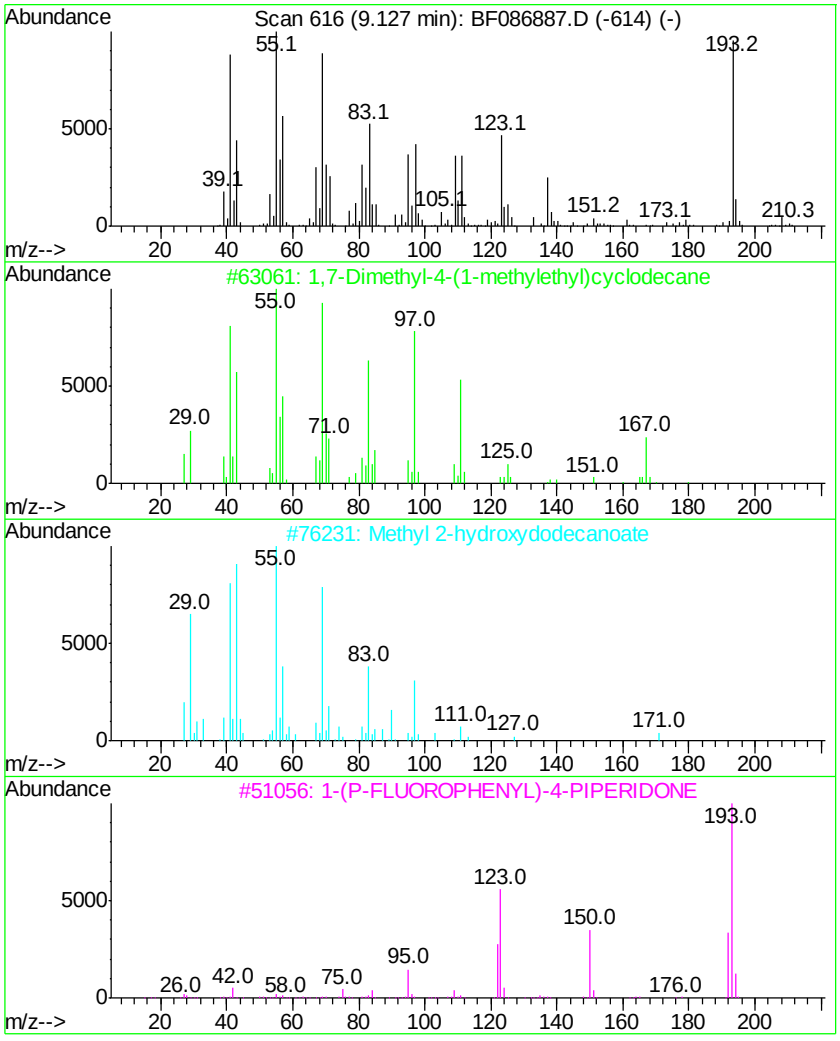
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

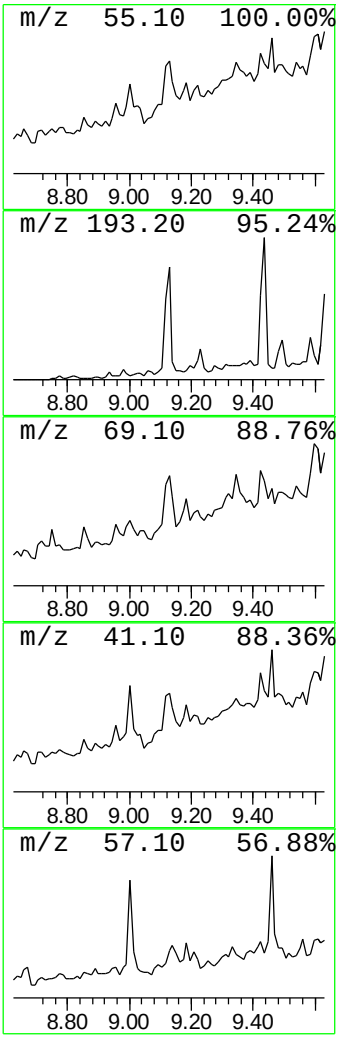
****

Peak Number 10 unknown9.13 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	14.24 ng	1704310	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	38
2	Methyl 2-hydroxydodecanoate	230	C13H26O3	051067-85-7	35
3	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	30
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	27
5	7-Tetradecanol	214	C14H30O	003981-79-1	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

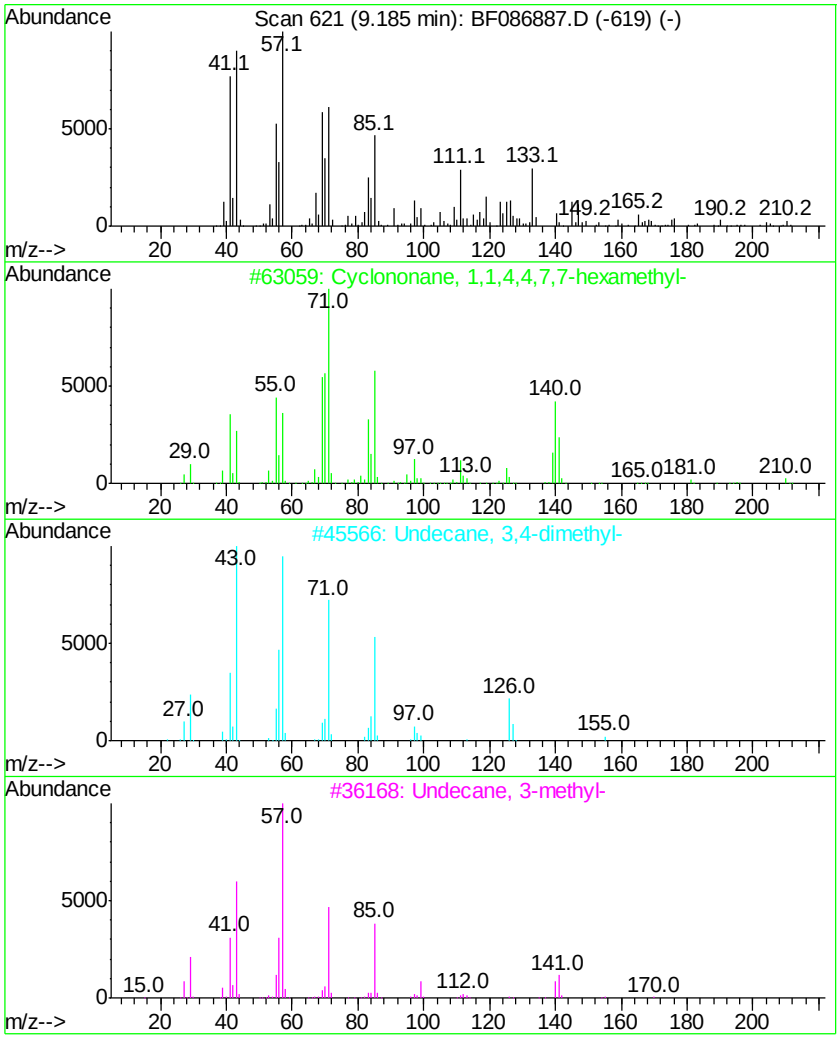
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

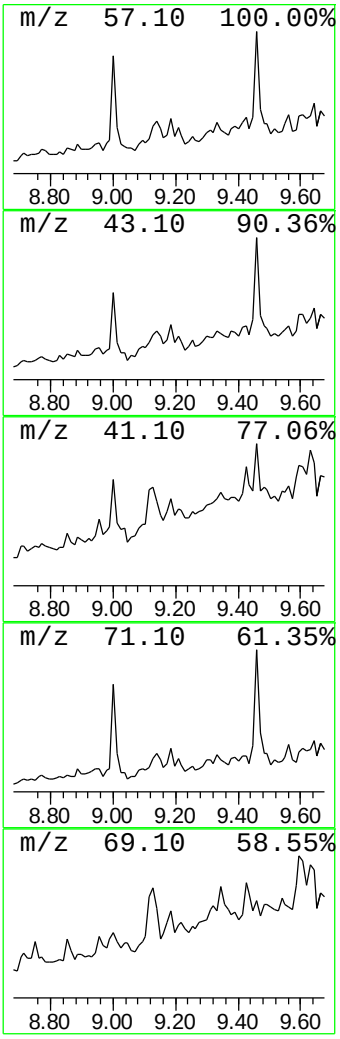
****

Peak Number 11 unknown9.18 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	5.14 ng	614698	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononane, 1,1,4,4,7,7-hexamet...	210	C15H30	149331-19-1	45
2	Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	38
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	38
4	Tetradecane	198	C14H30	000629-59-4	35
5	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

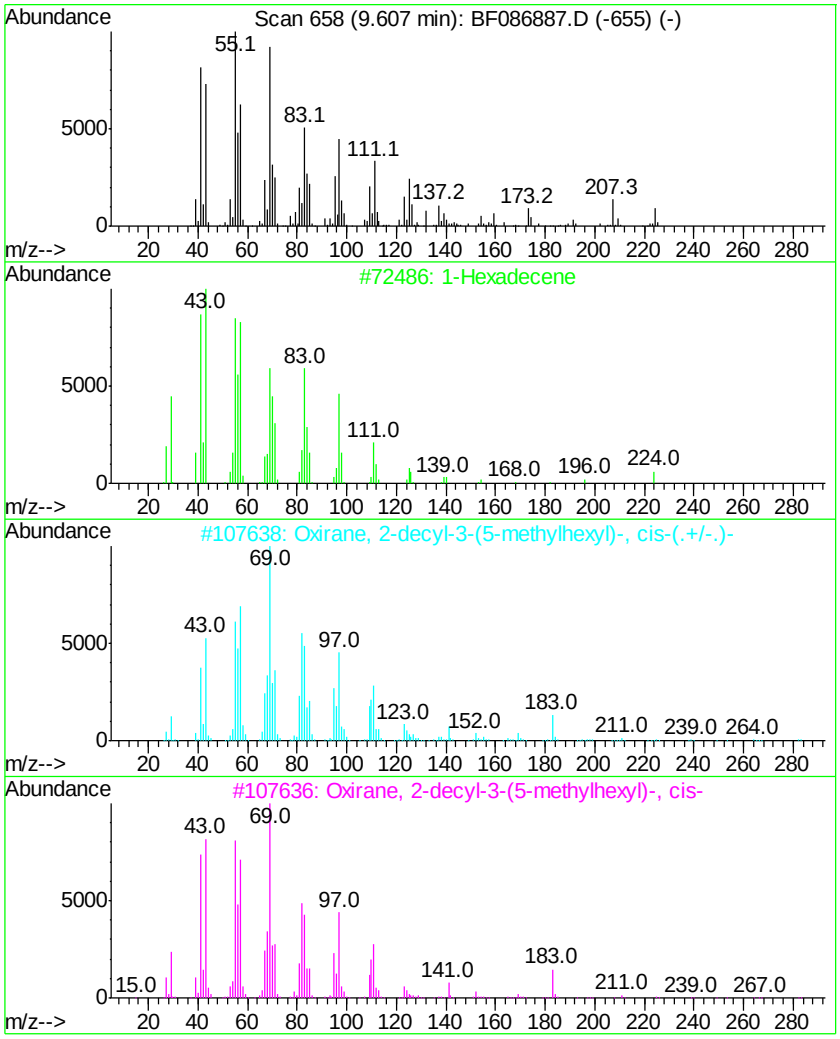
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

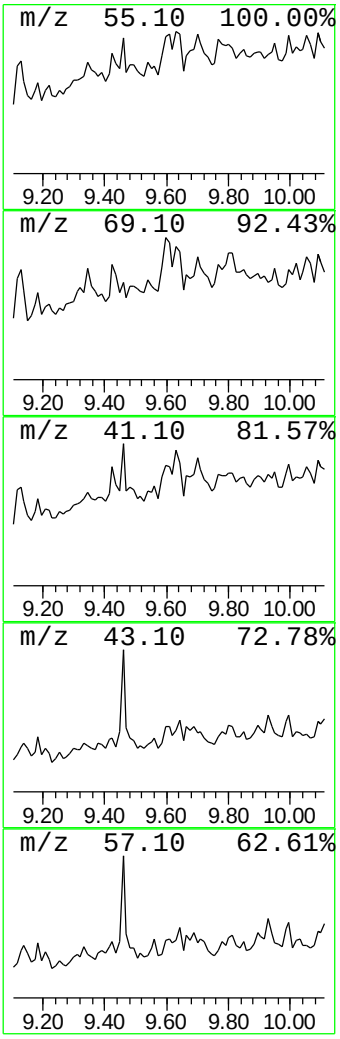
****

Peak Number 12 1-Hexadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	14.26 ng	1706960	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene	224	C16H32	000629-73-2	84
2	Oxirane, 2-decyl-3-(5-methylhexy...	282	C19H38O	057457-72-4	80
3	Oxirane, 2-decyl-3-(5-methylhexy...	282	C19H38O	029804-22-6	72
4	4-Trifluoroacetoxyhexadecane	338	C18H33F3O2	1000215-97-5	64
5	Z-8-Hexadecene	224	C16H32	1000130-87-5	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

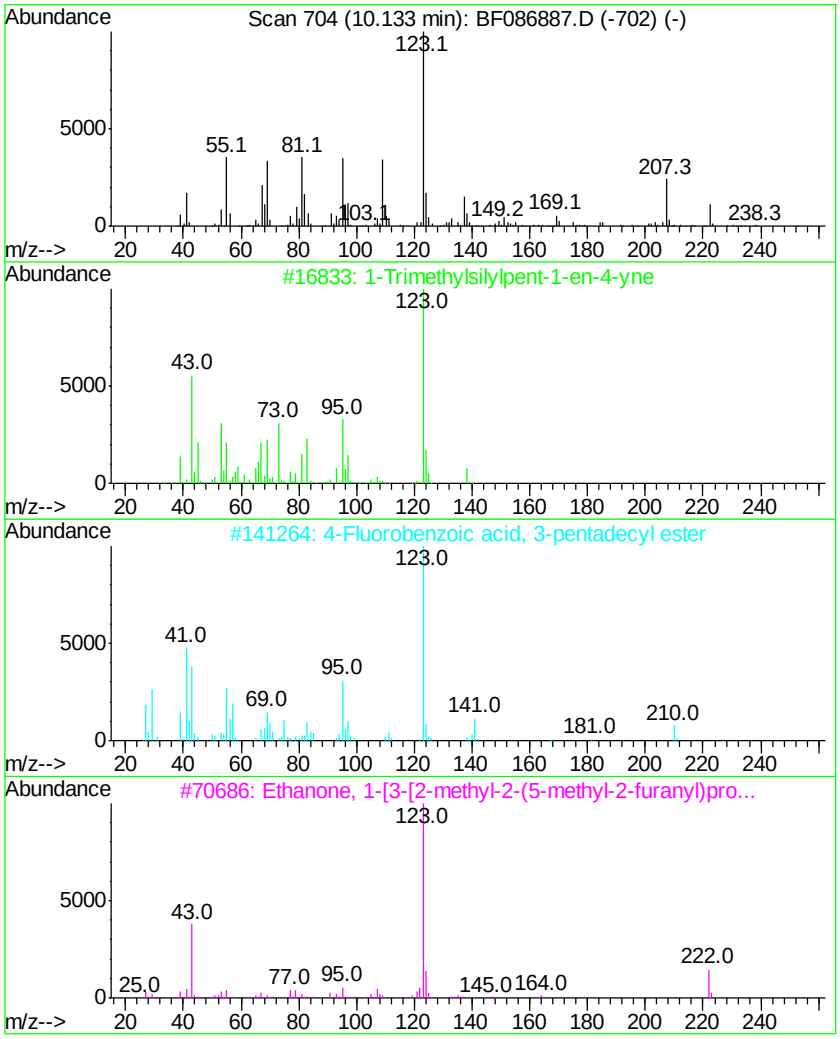
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

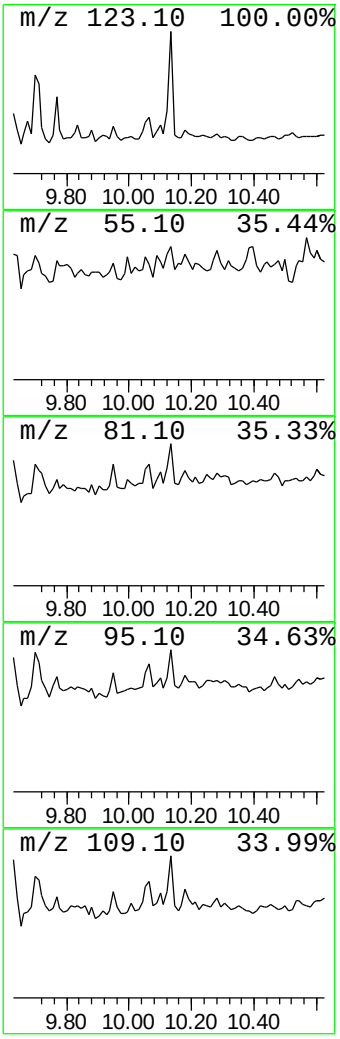
****

Peak Number 13 1-Trimethylsilylpent-1-en-4... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	4.98 ng	595709	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	62
2	4-Fluorobenzoic acid, 3-pentadec...	350	C22H35FO2	1000280-68-4	47
3	Ethanone, 1-[3-[2-methyl-2-(5-me...	222	C13H18O3	080114-28-9	43
4	3-Bromomethyl-3,6,6-trimethyl-cy...	216	C10H17Br	1000185-63-8	43
5	2-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000278-98-1	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

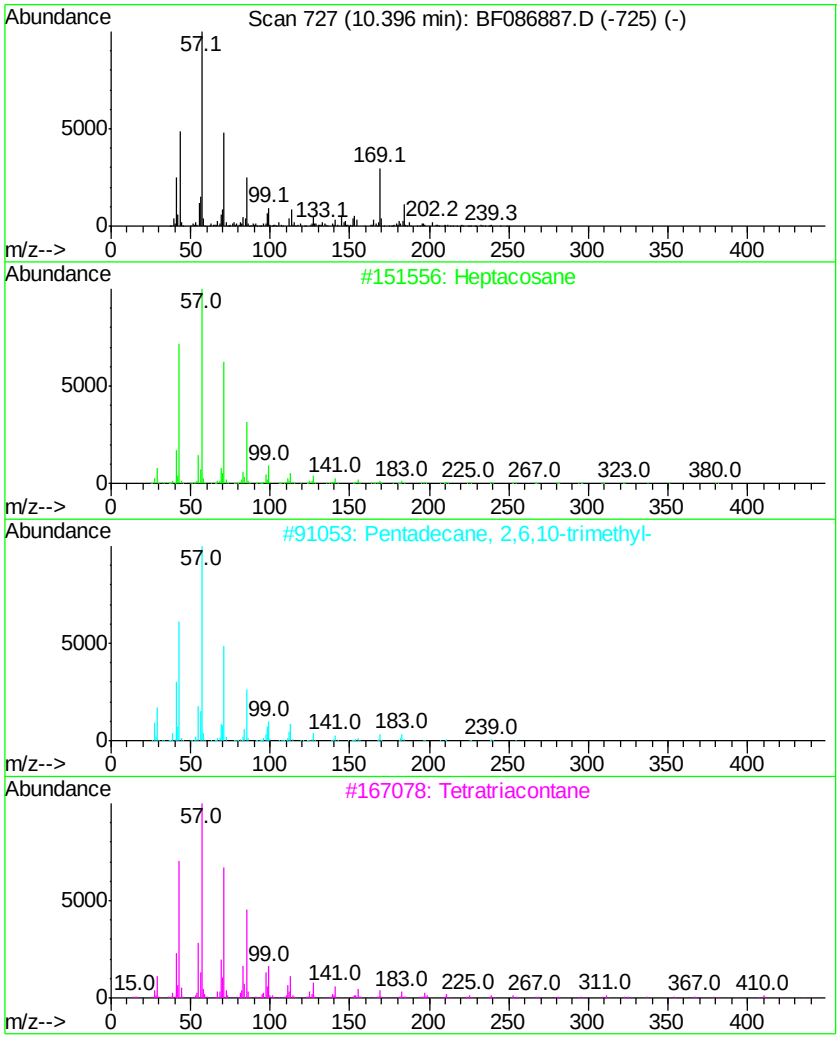
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

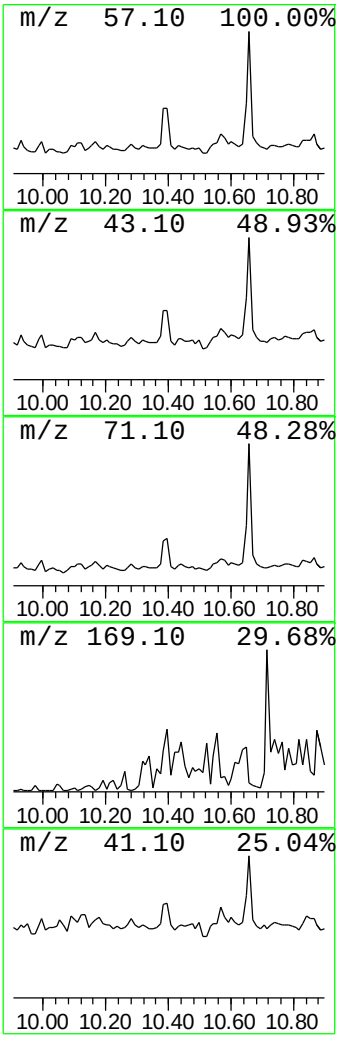
****

Peak Number 14 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	12.35 ng	1478430	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	52
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	49
3	Tetratriacontane	479	C34H70	014167-59-0	49
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	46
5	Tetradecane	198	C14H30	000629-59-4	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

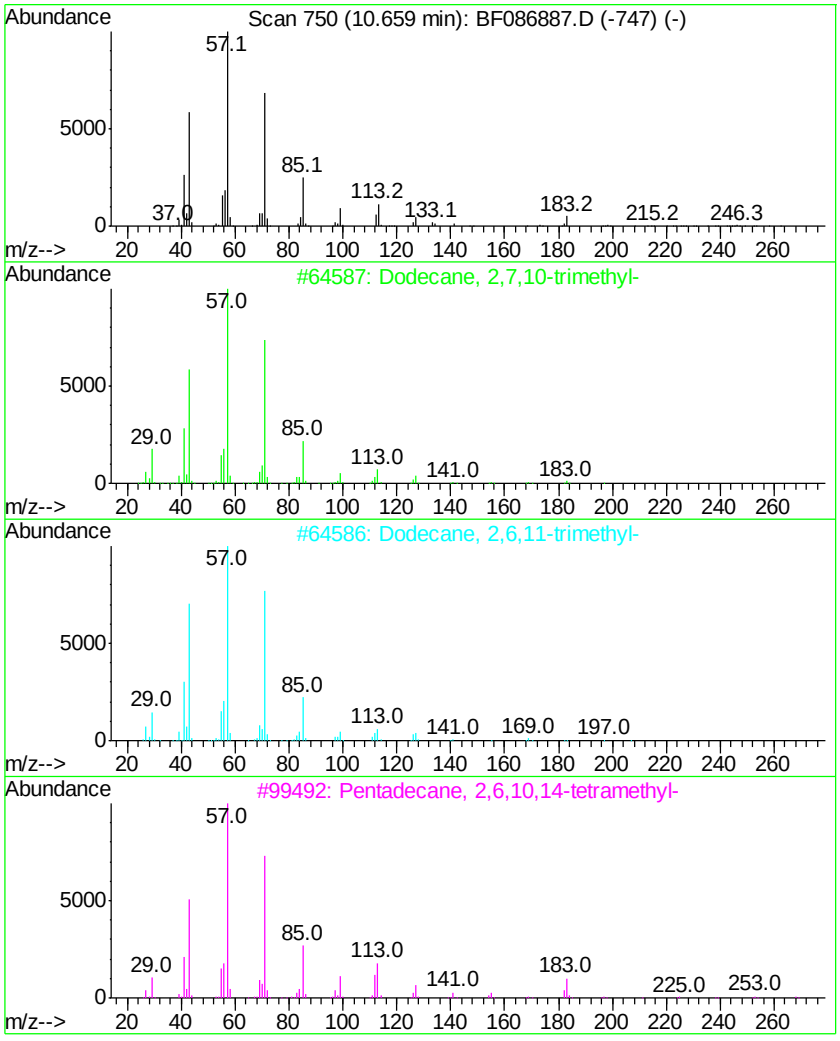
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

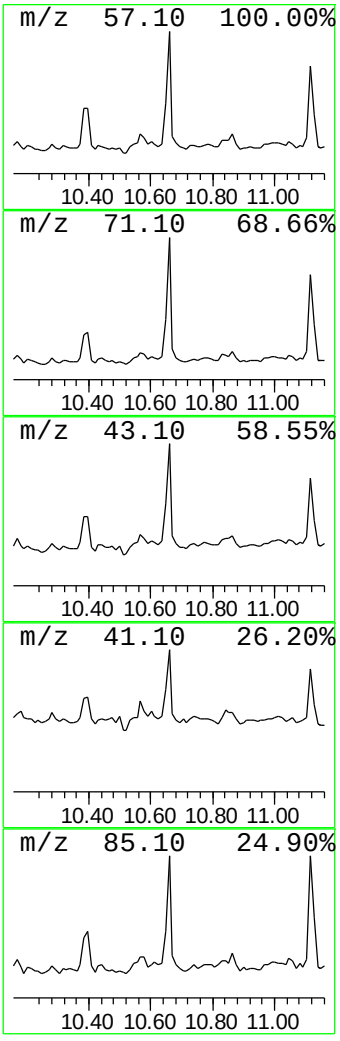
****

Peak Number 15 Dodecane, 2,7,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	59.71 ng	3823590	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

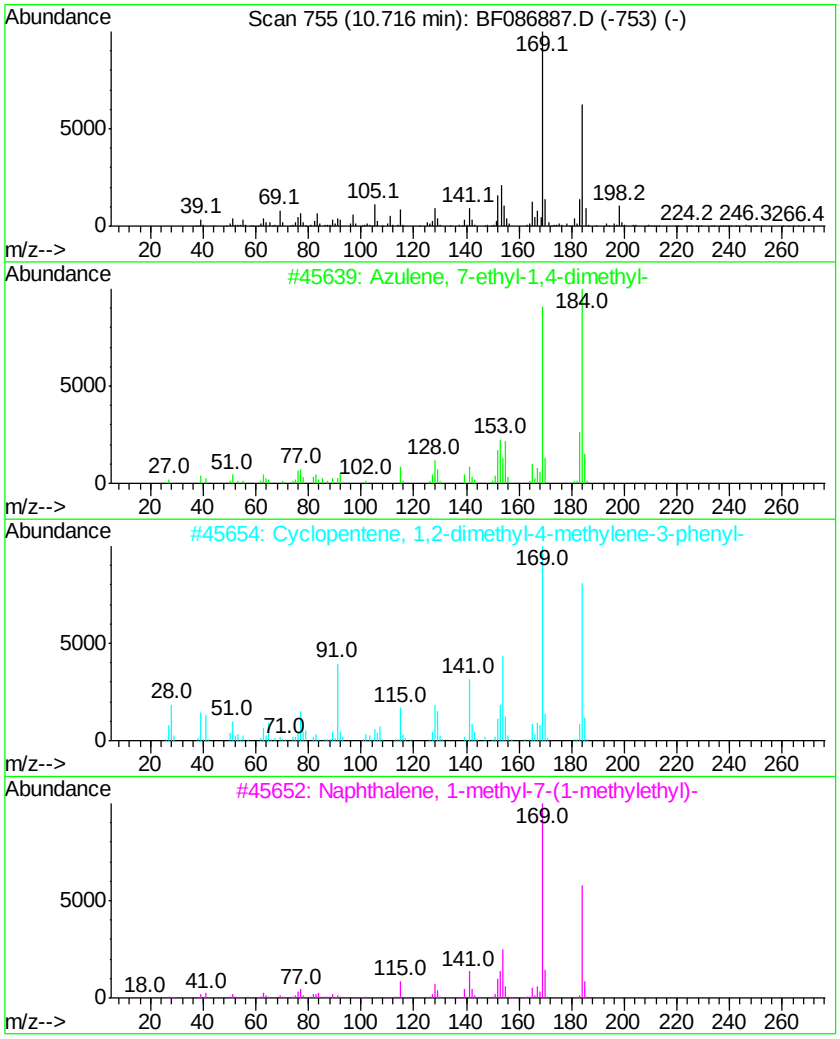
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

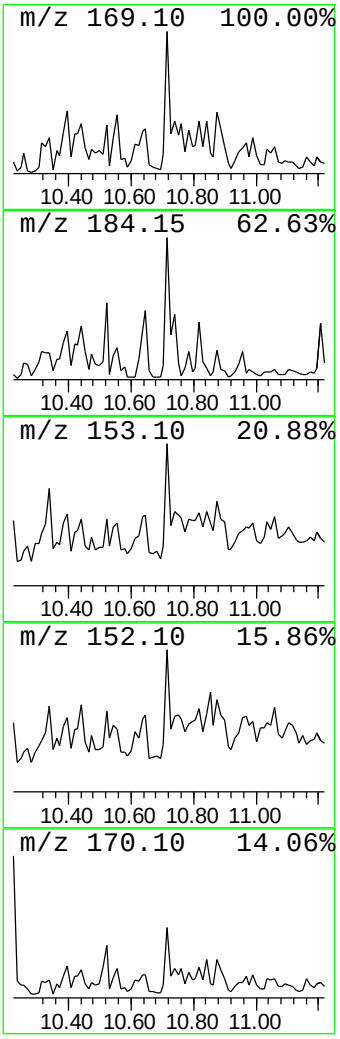
****

Peak Number 16 Azulene, 7-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	15.54 ng	994778	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	94
2	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	87
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	81
4	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	64
5	2,4,6(1H,3H,5H)-Pyrimidinetrione...	240	C12H20N2O3	055134-03-7	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

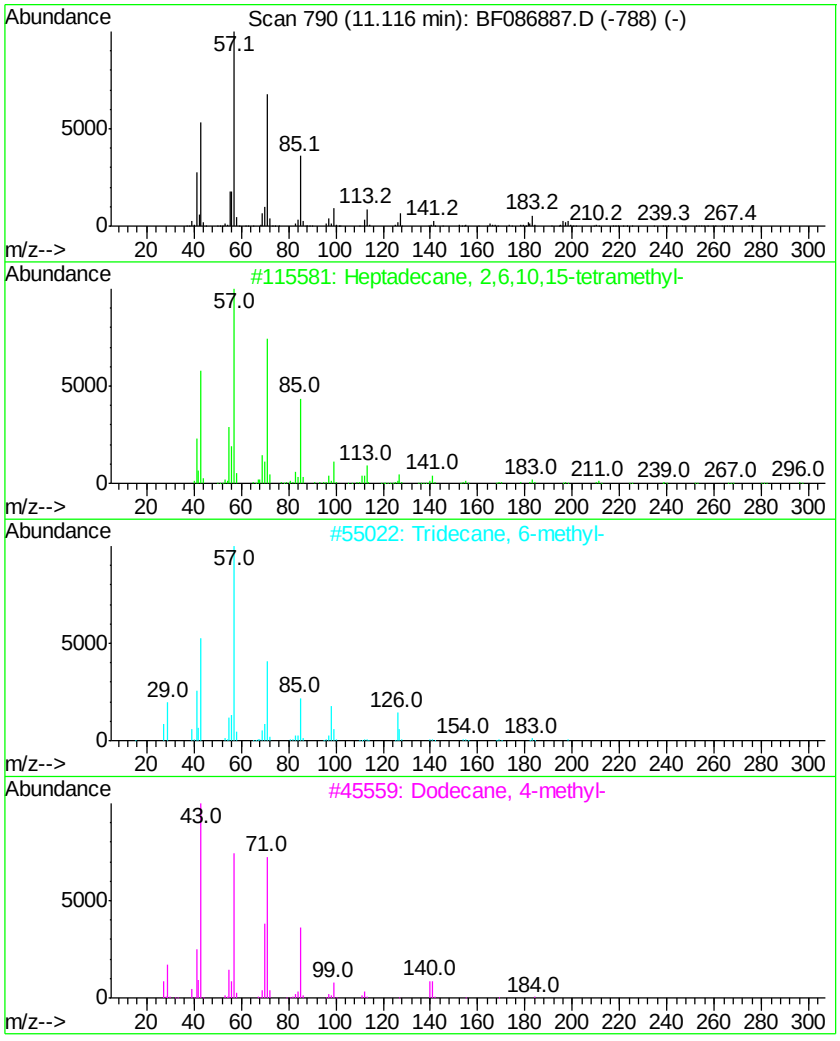
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

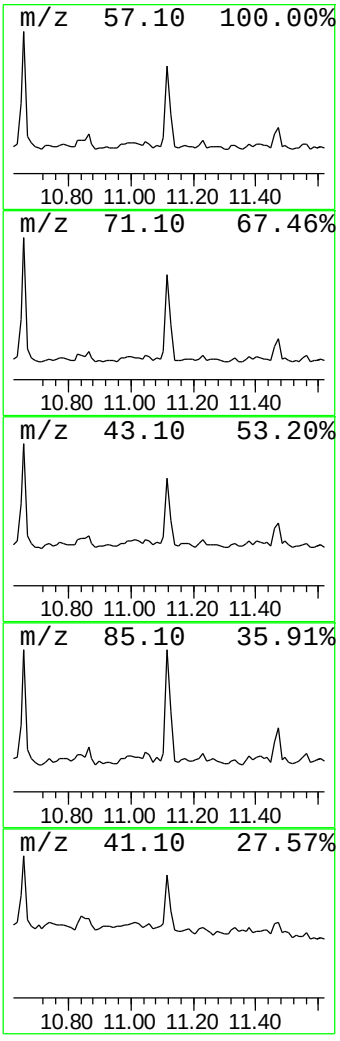
****

Peak Number 17 Heptadecane, 2,6,10,15-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	39.60 ng	2535620	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	78
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	74
4	Tetradecane	198	C14H30	000629-59-4	74
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

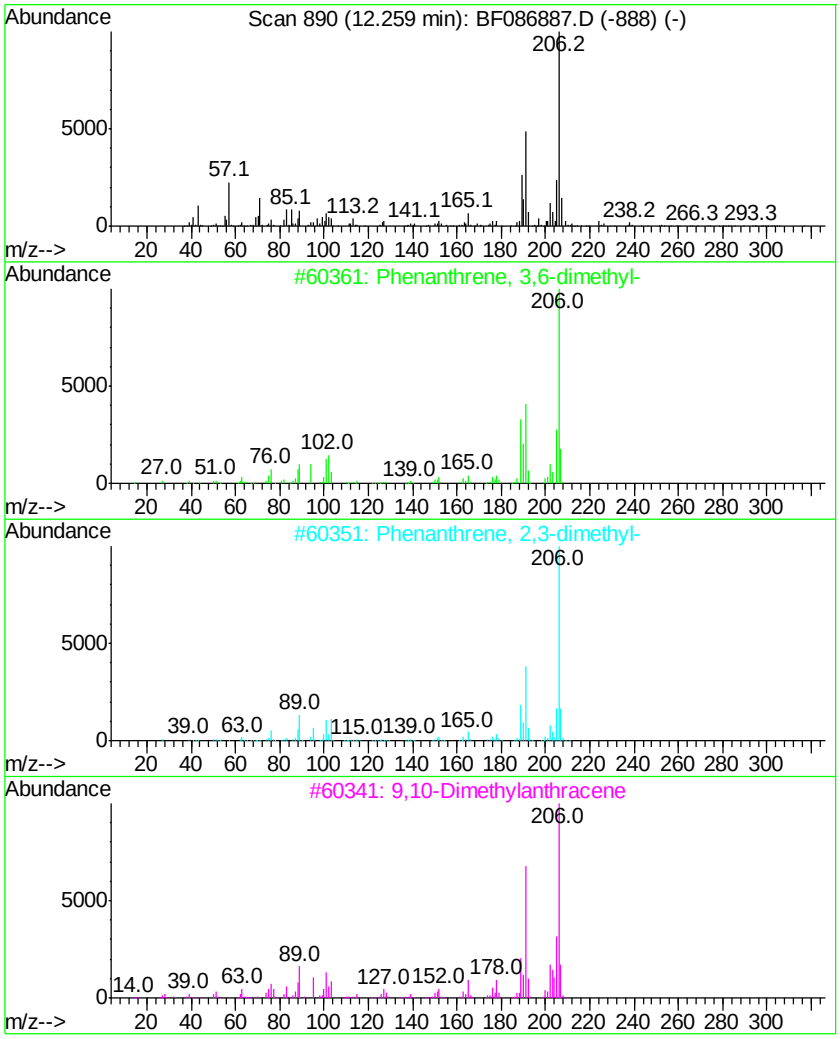
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

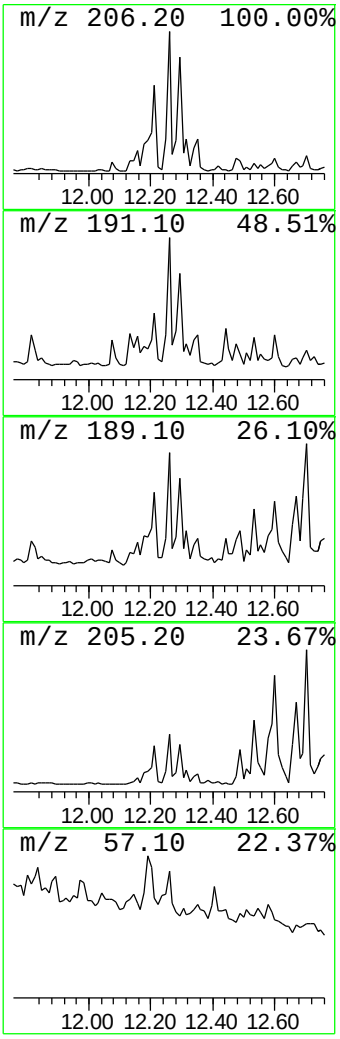
****

Peak Number 18 Phenanthrene, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	8.27 ng	529570	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

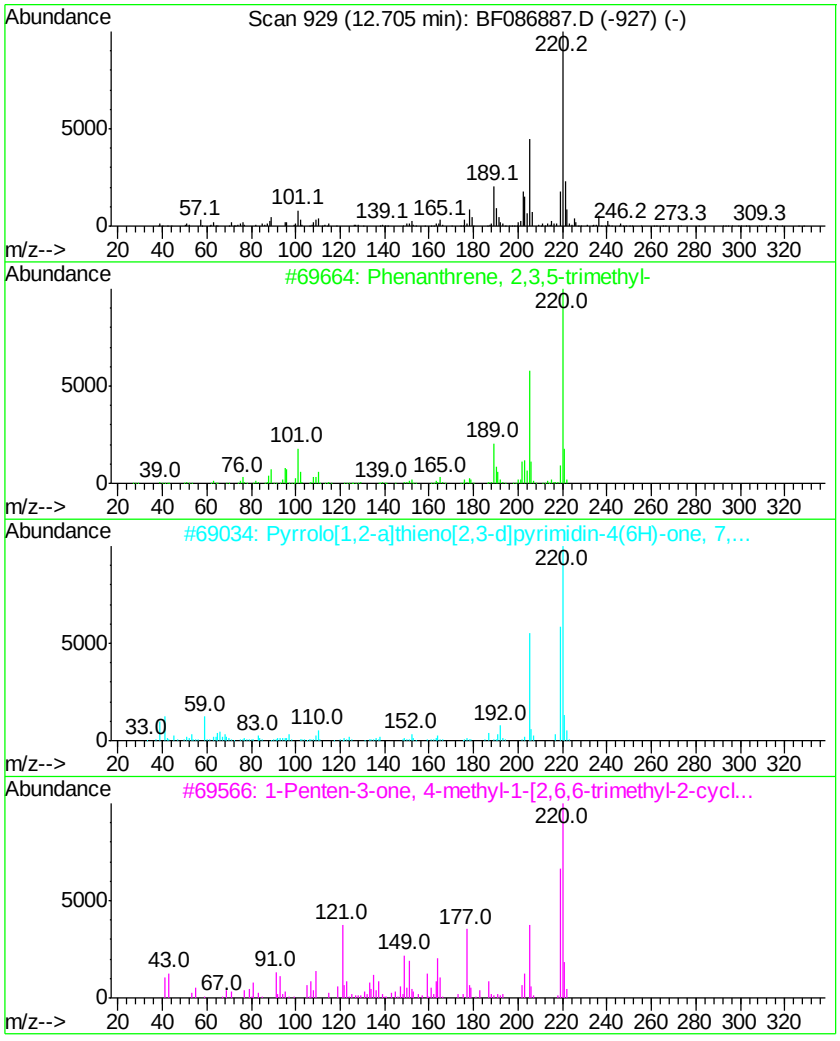
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

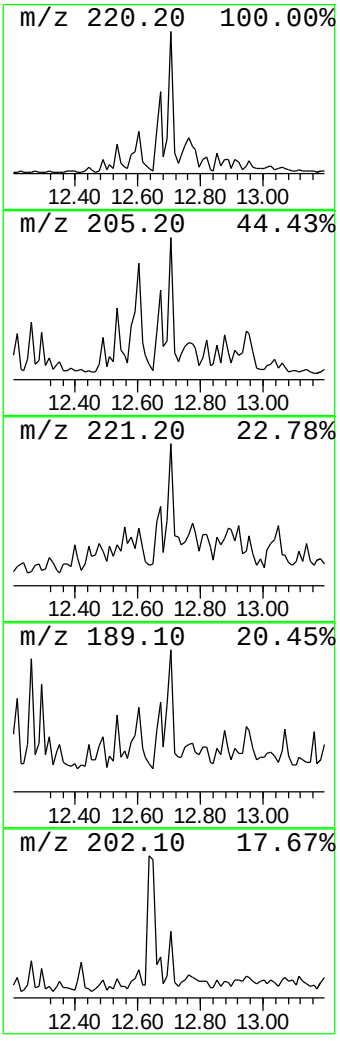
****

Peak Number 19 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	20.66 ng	929149	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	93
2	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	62
3	1-Penten-3-one, 4-methyl-1-[2,6,...	220	C15H24O	1000132-20-9	53
4	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	49
5	Tricyclo[9.2.2.2(4,7)]heptadeca-...	220	C17H16	049576-90-1	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

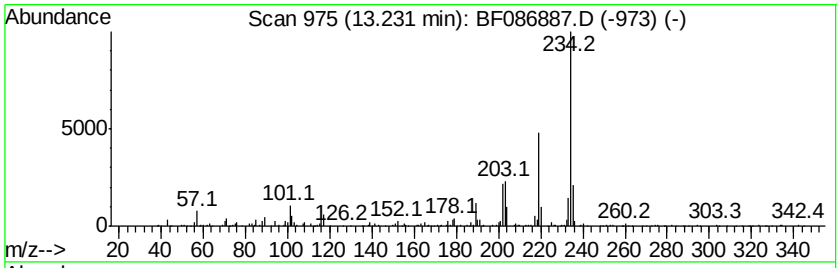
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

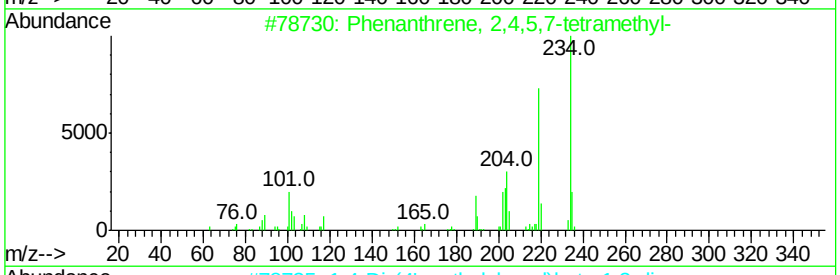
****

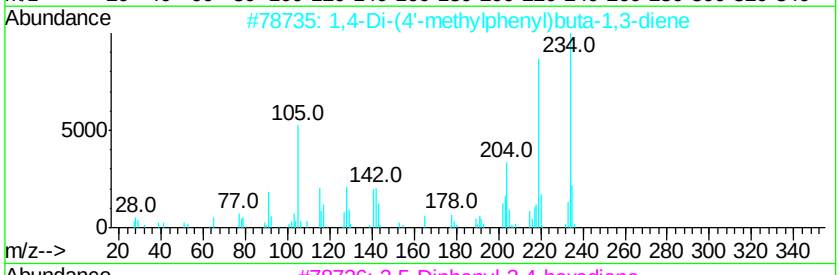
Peak Number 20 Phenanthrene, 2,4,5,7-tetra... Concentration Rank 12

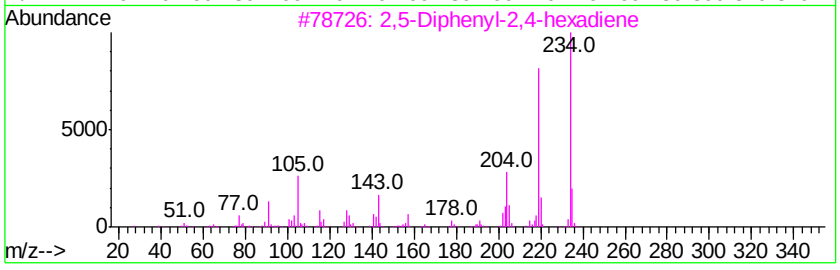
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	9.45 ng	425034	Chrysene-d12	13.82

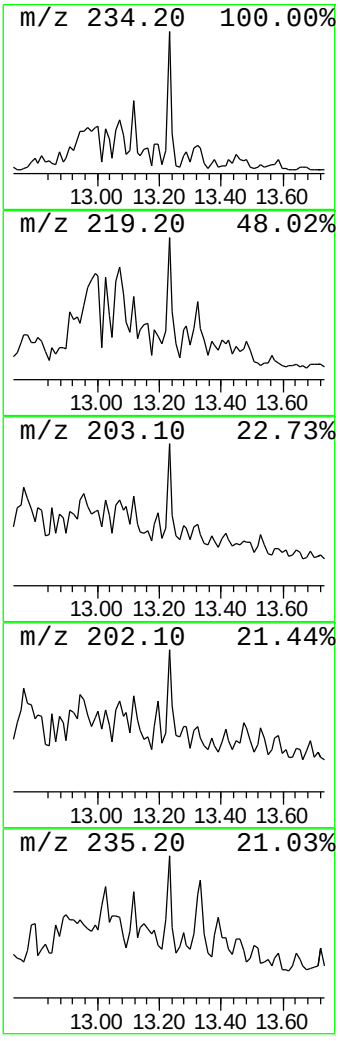
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	80
2	1,4-Di-(4'-methylphenyl)buta-1,3...	234	C18H18	1000202-17-5	59
3	2,5-Diphenyl-2,4-hexadiene	234	C18H18	016819-47-9	53
4	1,2,3,4,5,6-Hexahydrochrysene	234	C18H18	002091-91-0	52
5	5,6,8,9,10,11-Hexahydrobenz[a]an...	234	C18H18	067064-61-3	47











Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051016\
Data File : BF086887.D
Acq On : 11 May 2016 8:04
Operator : UM/SJ
Sample : H2964-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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
unknown6.45	6.45	67.0	ng	3634000	1	6.68	1084270	20.0
4,4-Dipropylheptane	7.86	4.5	ng	282635	2	7.97	1241850	20.0
Decane, 2,6,7-tri...	8.41	18.9	ng	1171960	2	7.97	1241850	20.0
1-Undecene, 7-met...	8.51	7.8	ng	483481	2	7.97	1241850	20.0
3-Tetradecene, (Z)-	8.57	4.3	ng	267041	2	7.97	1241850	20.0
Diisoamylene	8.66	12.9	ng	801482	2	7.97	1241850	20.0
unknown8.72	8.72	7.0	ng	437242	2	7.97	1241850	20.0
unknown8.96	8.96	4.5	ng	541255	3	9.72	2394100	20.0
unknown9.13	9.13	14.2	ng	1704310	3	9.72	2394100	20.0
unknown9.18	9.18	5.1	ng	614698	3	9.72	2394100	20.0
1-Hexadecene	9.61	14.3	ng	1706960	3	9.72	2394100	20.0
1-Trimethylsilylp...	10.13	5.0	ng	595709	3	9.72	2394100	20.0
Heptacosane	10.40	12.4	ng	1478430	3	9.72	2394100	20.0
Dodecane, 2,7,10-...	10.66	59.7	ng	3823590	4	11.21	1280690	20.0
Azulene, 7-ethyl-...	10.72	15.5	ng	994778	4	11.21	1280690	20.0
Heptadecane, 2,6,...	11.12	39.6	ng	2535620	4	11.21	1280690	20.0
Phenanthrene, 3,6...	12.26	8.3	ng	529570	4	11.21	1280690	20.0
Phenanthrene, 2,3...	12.70	20.7	ng	929149	5	13.82	899294	20.0
Phenanthrene, 2,4...	13.23	9.4	ng	425034	5	13.82	899294	20.0