LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082293.D
Acq On : 14 Oct 2015 22:02
Operator : UM/IZ
Sample : G4015-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-5

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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	4.320	189	191	202	rBV	52526	77395	2.55%	0.192%
2	5.006	247	251	253	rBV	998540	1715701	56.49%	4.265%
3	5.417	285	287	290	rBV	1315268	1237837	40.76%	3.077%
4	6.469	376	379	381	rBV	1228086	1740091	57.30%	4.326%
5	6.594	387	390	392	rBV	1447355	1616738	53.23%	4.019%
6	6.823	408	410	412	rBV	493723	423968	13.96%	1.054%
7	6.880	414	415	418	rVB	45407	54920	1.81%	0.137%
8	6.983	421	424	426	rBV	1477810	1713055	56.41%	4.258%
9	7.394	457	460	462	rBV	1221781	1230346	40.51%	3.058%
10	8.115	520	523	525	rBV	564003	571404	18.81%	1.420%
11	9.189	615	617	620	rBV	2001559	2590413	85.29%	6.439%
12	9.589	650	652	654	rBV	277175	223150	7.35%	0.555%
13	9.669	658	659	663	rBV	51301	62857	2.07%	0.156%
14	9.795	666	670	672	rBV2	47159	70115	2.31%	0.174%
15	9.875	674	677	679	rVB	533558	691875	22.78%	1.720%
16	10.080	693	695	697	rBV	156015	204704	6.74%	0.509%
17	10.298	713	714	716	rVB	92634	66653	2.19%	0.166%
18	10.515	731	733	736	rBV	37807	49847	1.64%	0.124%
19	10.663	743	746	748	rBV	785052	864642	28.47%	2.149%
20	10.778	754	756	760	rVB	167900	243445	8.02%	0.605%
21	11.223	793	795	796	rBV	279066	241741	7.96%	0.601%
22	11.246	796	797	800	rVB	114423	139359	4.59%	0.346%
23	11.361	805	807	809	rBV	752038	721159	23.75%	1.793%
24	11.406	809	811	815	rVB2	52795	115632	3.81%	0.287%
25	11.532	820	822	823	rBV2	52488	51633	1.70%	0.128%
26	11.589	824	827	830	rBV2	345070	620266	20.42%	1.542%
27	11.646	830	832	835	rBV	306186	402058	13.24%	0.999%
28	11.704	835	837	839	rVB2	34881	53795	1.77%	0.134%
29	11.749	839	841	844	rBV3	34559	78577	2.59%	0.195%
30	11.818	844	847	852	rBV5	96673	368575	12.14%	0.916%
31	11.886	852	853	857	rBV4	110053	313802	10.33%	0.780%
32	11.978	857	861	862	rBV3	82920	205702	6.77%	0.511%
33	12.058	867	868	870	rBV	553850	567202	18.68%	1.410%
34	12.126	872	874	875	rVV	75334	68664	2.26%	0.171%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082293.D
Acq On : 14 Oct 2015 22:02
Operator : UM/IZ
Sample : G4015-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-5

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.218	880	882	885	rBV2	114237	235813	7.76%	0.586%
36	12.344	891	893	895	rBV	328874	453025	14.92%	1.126%
37	12.412	897	899	901	rBV	505677	572469	18.85%	1.423%
38	12.458	901	903	904	rBV	647078	628961	20.71%	1.563%
39	12.504	904	907	908	rBV2	85806	145707	4.80%	0.362%
40	12.561	910	912	914	rBV3	162892	317335	10.45%	0.789%
41	12.595	914	915	918	rBV	183190	290755	9.57%	0.723%
42	12.675	920	922	923	rBV	184819	324797	10.69%	0.807%
43	12.835	934	936	938	rBV	1136631	1165763	38.39%	2.898%
44	12.961	944	947	949	rBV	2337589	2840370	93.53%	7.061%
45	13.189	965	967	969	rBV	749231	807294	26.58%	2.007%
46	13.315	976	978	980	rBV2	335648	540333	17.79%	1.343%
47	13.395	983	985	989	rBV	221989	572327	18.85%	1.423%
48	13.544	996	998	1002	rBV2	891280	1104592	36.37%	2.746%
49	13.887	1024	1028	1035	rBV2	839708	1699407	55.96%	4.224%
50	14.001	1036	1038	1039	rBV2	318278	463087	15.25%	1.151%
51	14.035	1039	1041	1046	rVB2	2462702	3037011	100.00%	7.549%
52	14.229	1055	1058	1060	rBV	617474	863059	28.42%	2.145%
53	14.332	1066	1067	1071	rVB	285676	412078	13.57%	1.024%
54	14.561	1085	1087	1089	rBV	592998	714757	23.53%	1.777%
55	14.664	1094	1096	1098	rBV	267046	492242	16.21%	1.224%
56	14.892	1114	1116	1120	rBV	400040	482548	15.89%	1.200%
57	15.224	1144	1145	1147	rVB	278527	316141	10.41%	0.786%
58	15.567	1173	1175	1177	rBV	327307	454639	14.97%	1.130%
59	16.035	1213	1216	1218	rBV	249956	441009	14.52%	1.096%
60	16.253	1232	1235	1242	rVB2	234988	689403	22.70%	1.714%
61	16.664	1269	1271	1280	rVB	344296	766127	25.23%	1.904%

Sum of corrected areas: 40228370

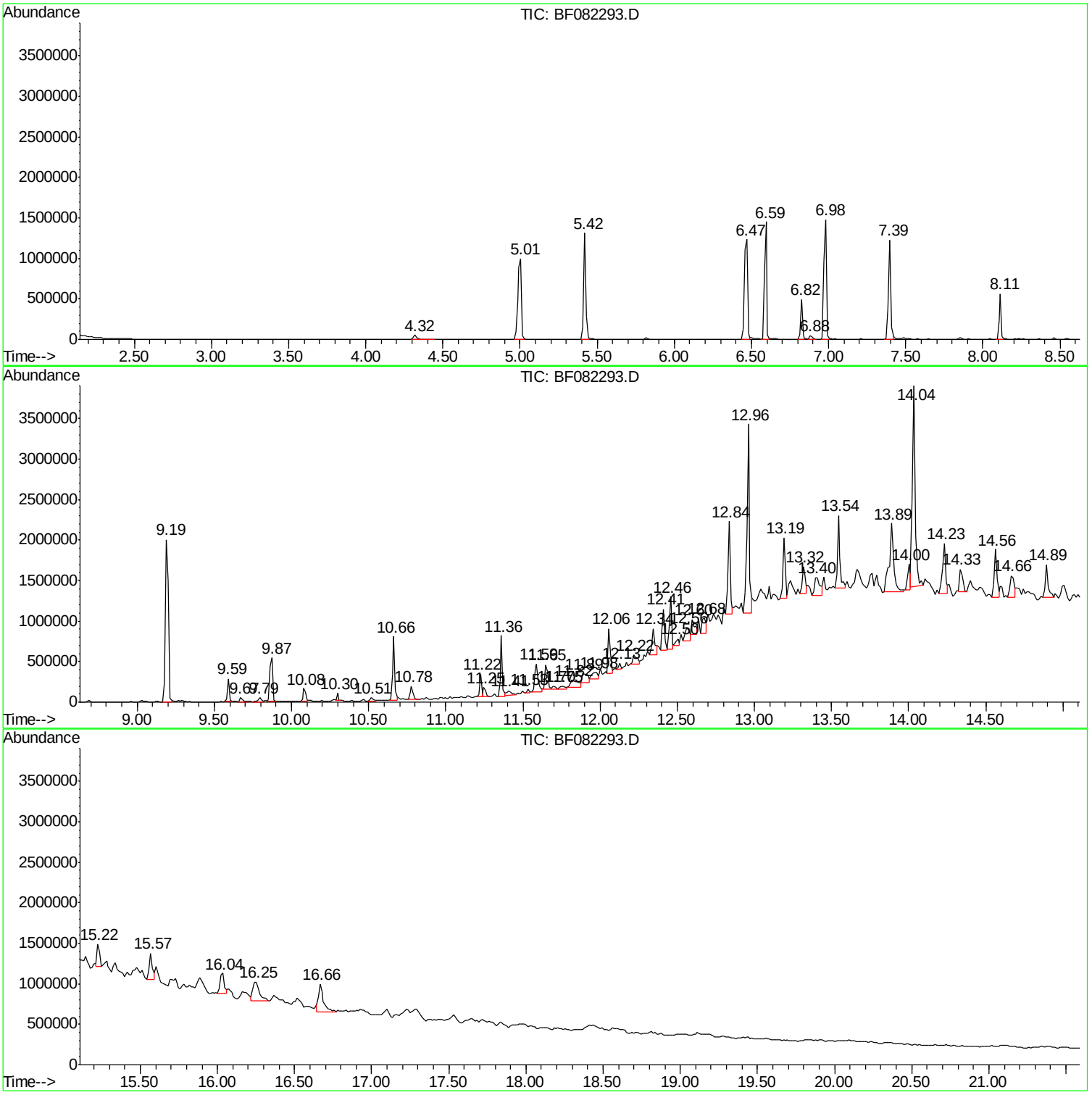
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082293.D
Acq On : 14 Oct 2015 22:02
Operator : UM/IZ
Sample : G4015-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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\BF101515\
Data File : BF082293.D
Acq On : 14 Oct 2015 22:02
Operator : UM/IZ
Sample : G4015-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

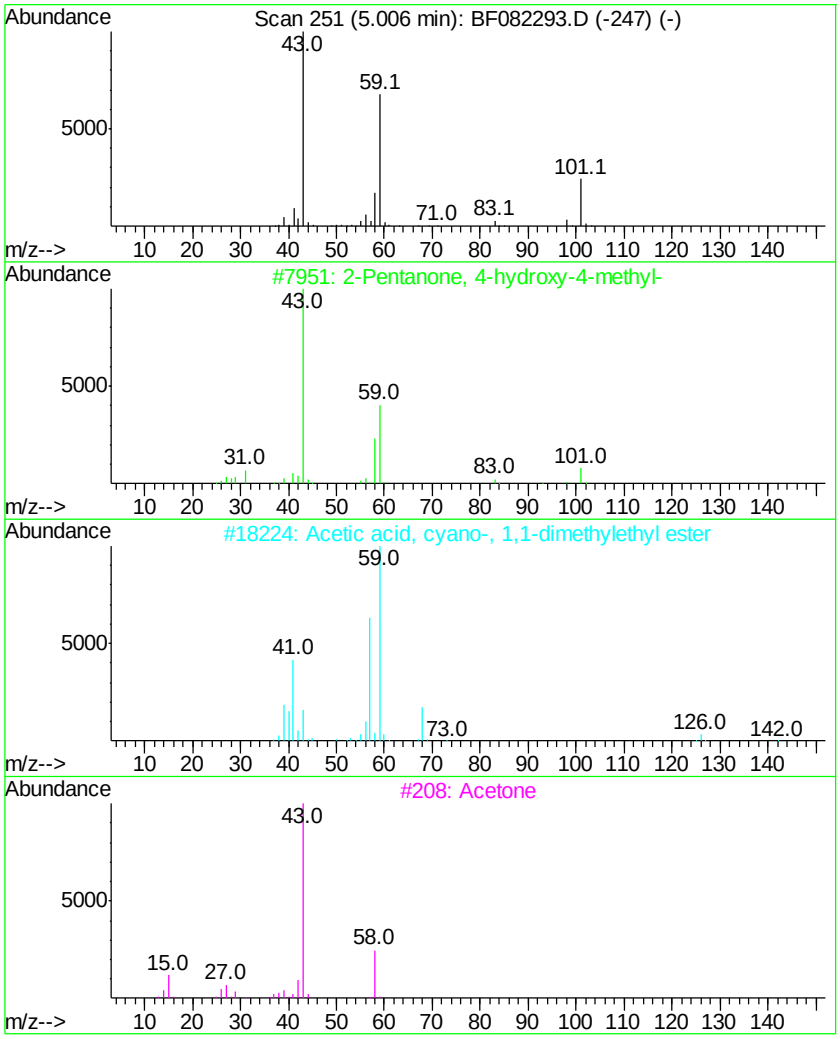
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

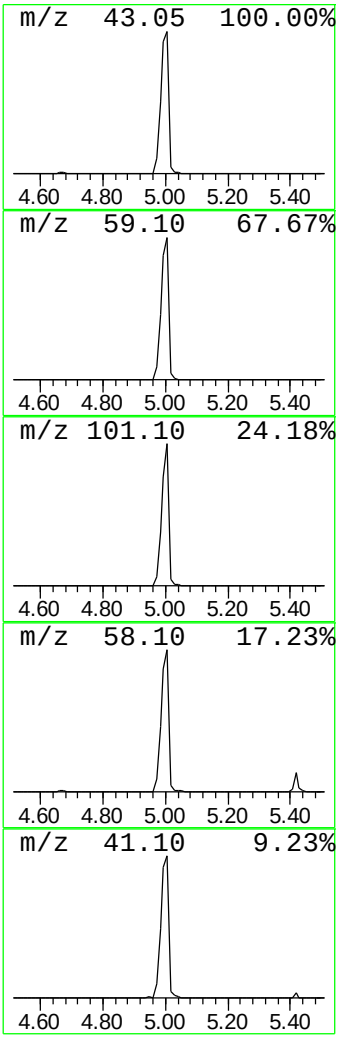
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	80.94 ng	1715700	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Acetone	58	C3H6O	000067-64-1	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082293.D
Acq On : 14 Oct 2015 22:02
Operator : UM/IZ
Sample : G4015-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

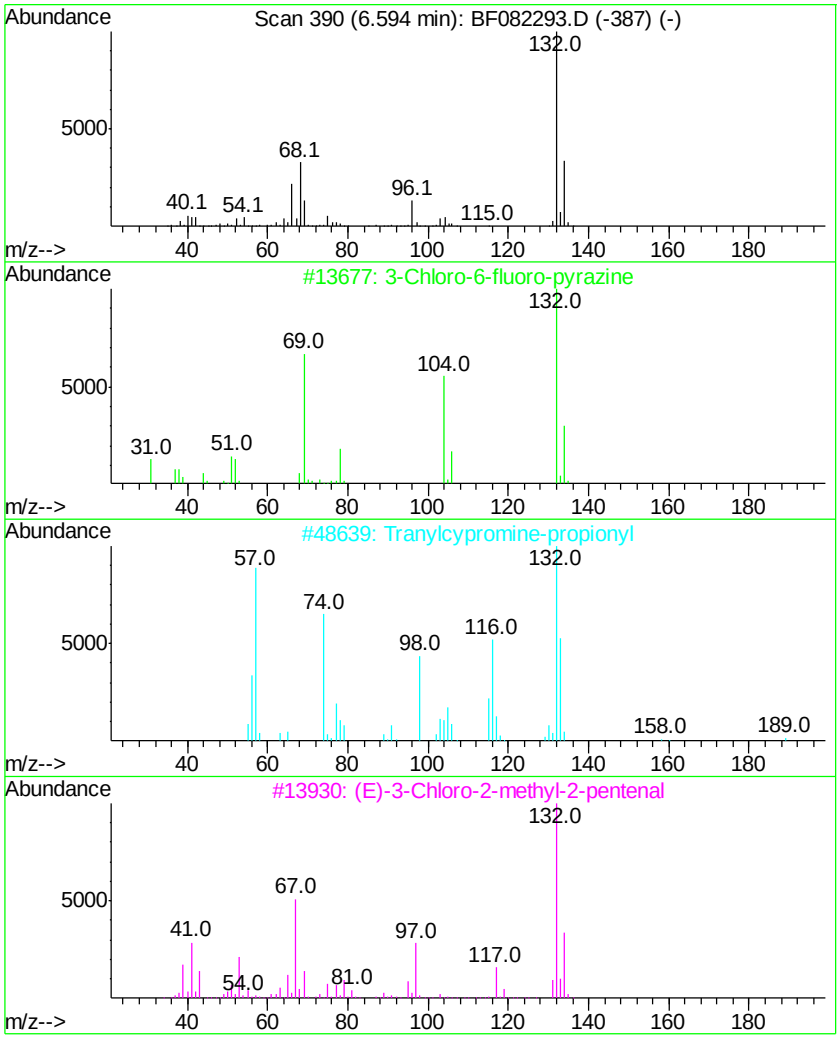
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

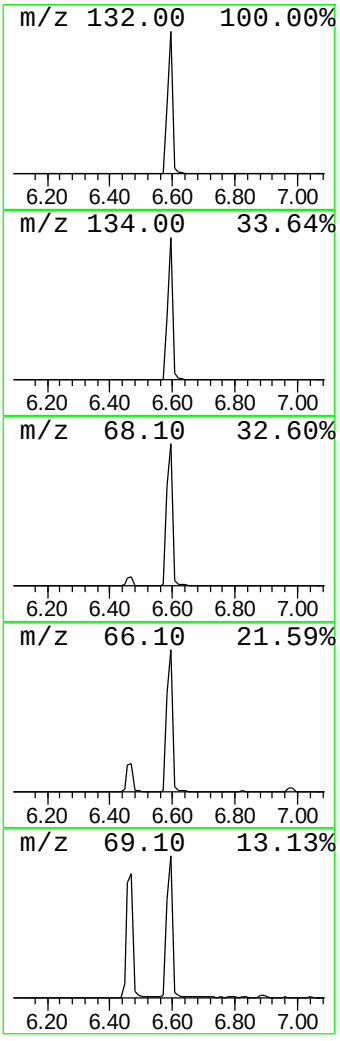
****

Peak Number 2 unknown6.59 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	76.27 ng	1616740	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082293.D
Acq On : 14 Oct 2015 22:02
Operator : UM/IZ
Sample : G4015-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

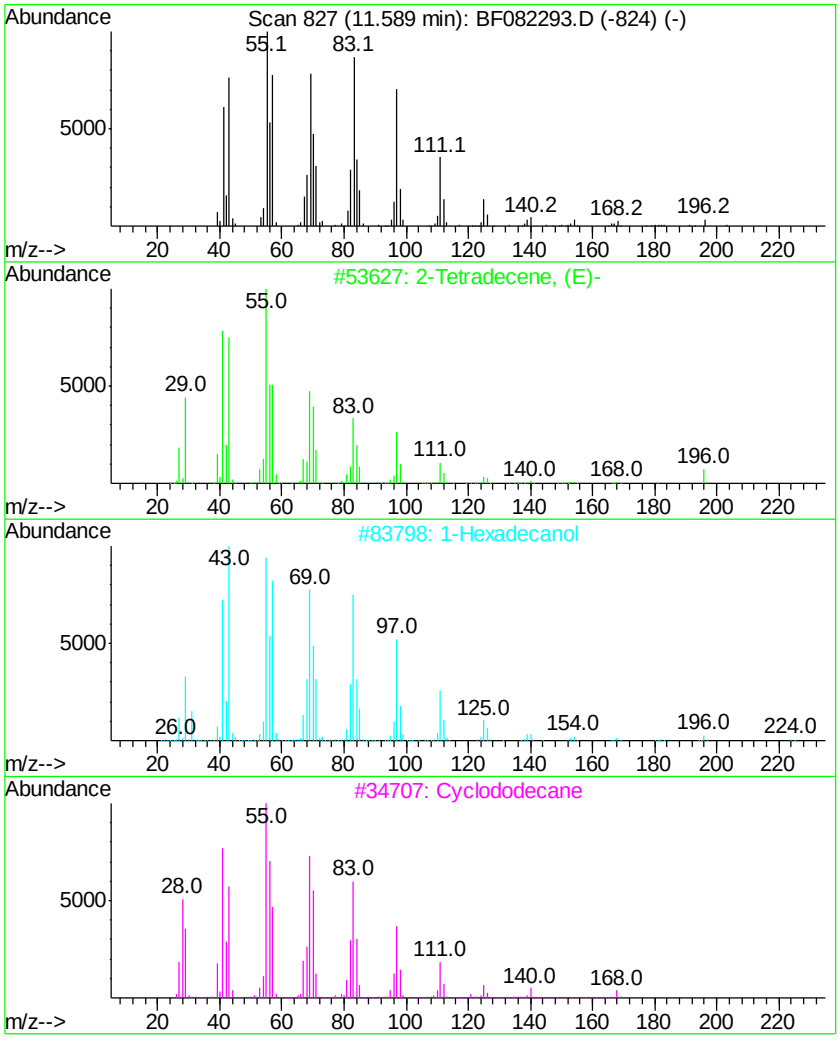
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

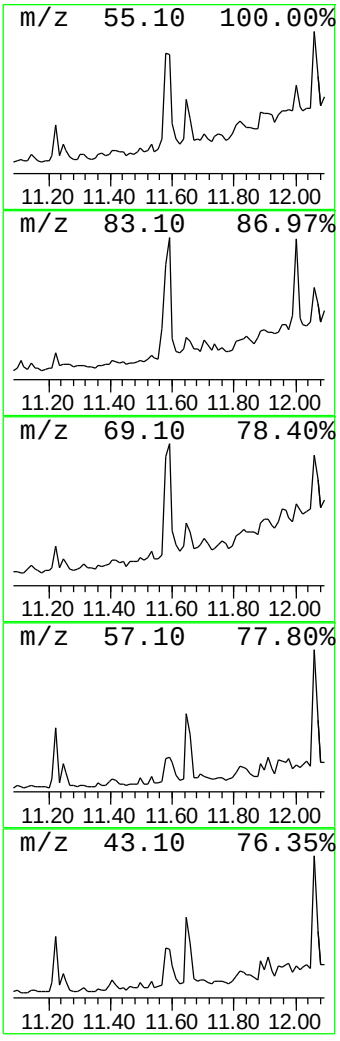
****

Peak Number 4 2-Tetradecene, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	17.20 ng	620266	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecene, (E)-	196	C14H28	035953-53-8	95
2	1-Hexadecanol	242	C16H34O	036653-82-4	94
3	Cyclododecane	168	C12H24	000294-62-2	93
4	1-Tetradecanol	214	C14H30O	000112-72-1	91
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082293.D
Acq On : 14 Oct 2015 22:02
Operator : UM/IZ
Sample : G4015-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

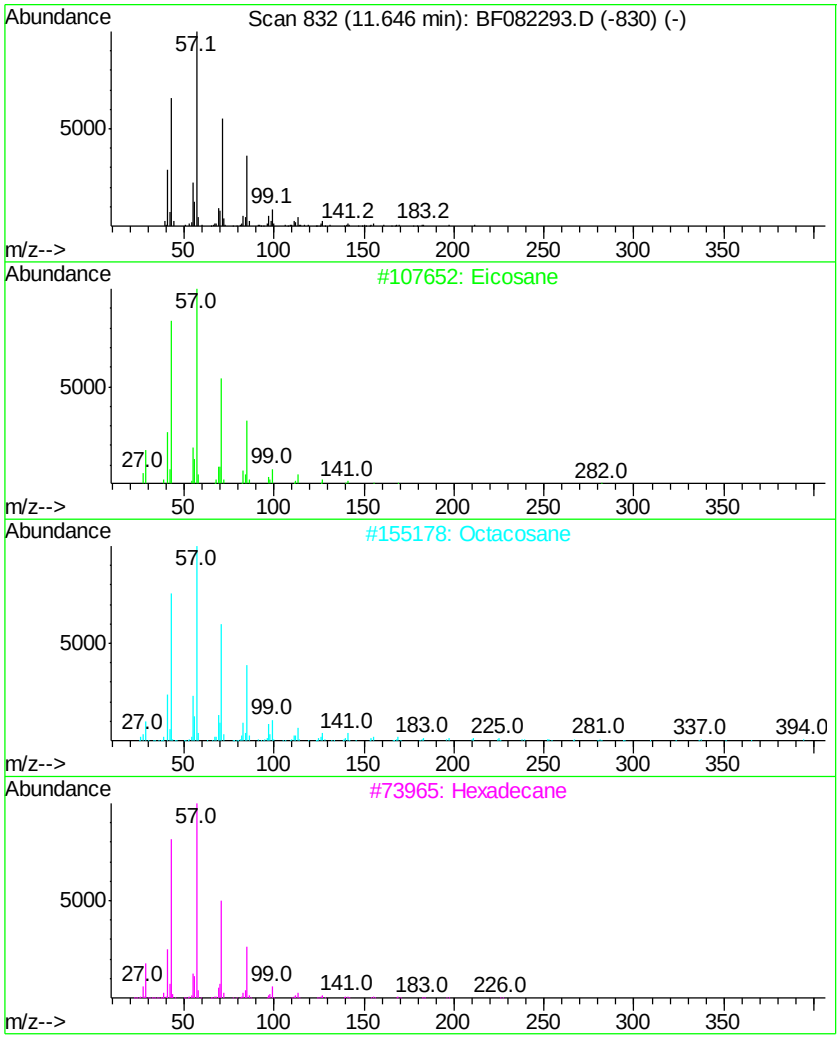
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

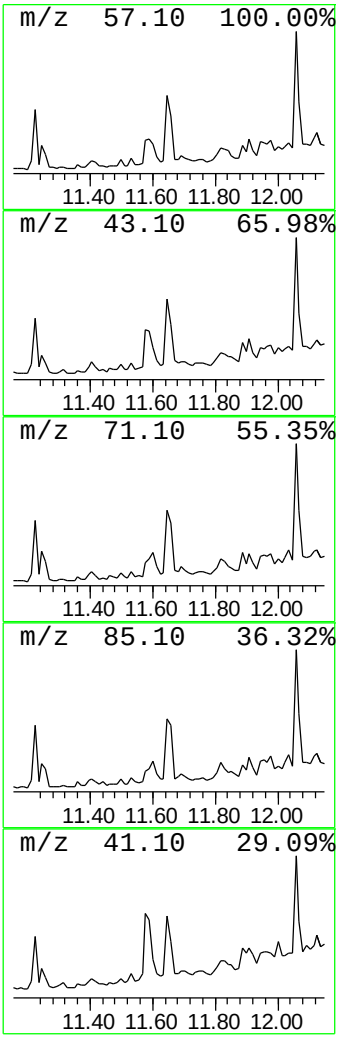
****

Peak Number 5 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	11.15 ng	402058	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082293.D
Acq On : 14 Oct 2015 22:02
Operator : UM/IZ
Sample : G4015-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

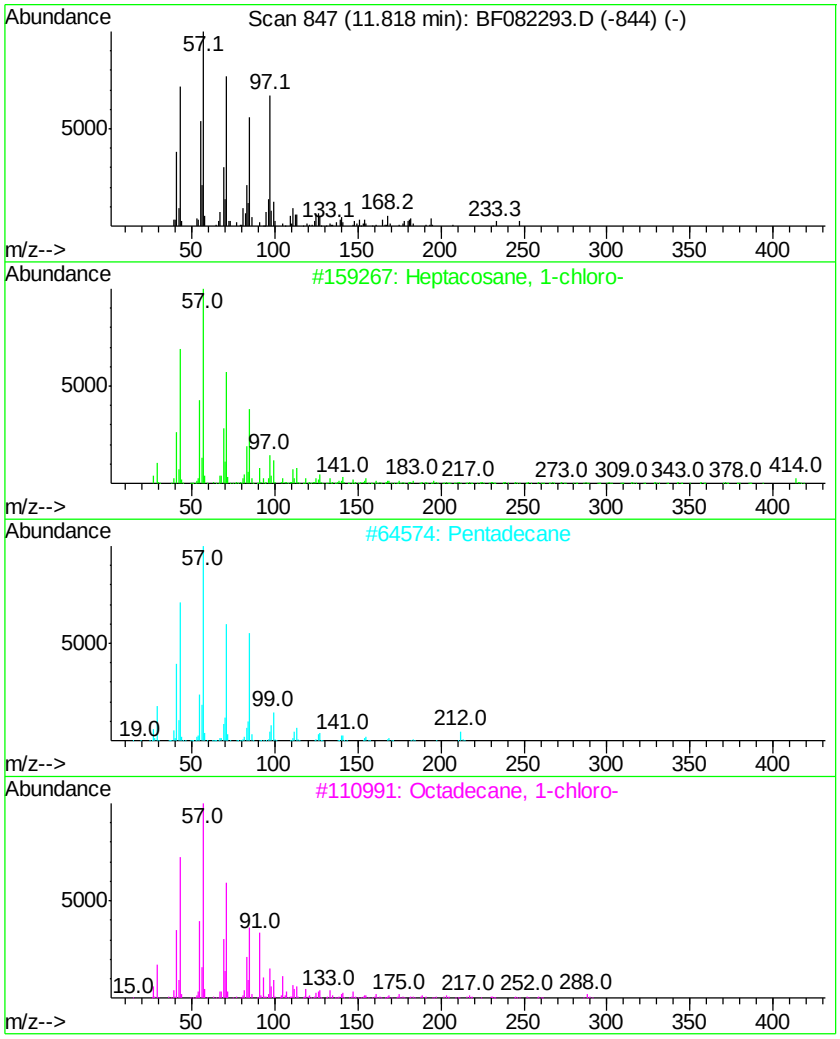
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

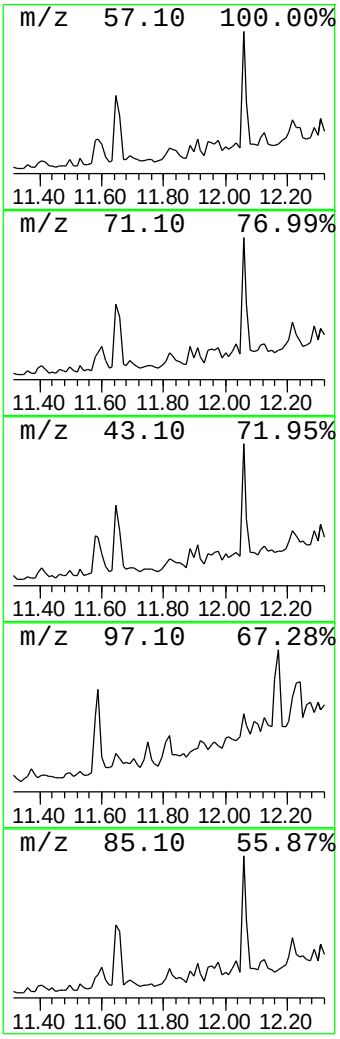
****

Peak Number 6 Heptacosane, 1-chloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	10.22 ng	368575	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	72
2	Pentadecane	212	C15H32	000629-62-9	58
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	58
4	Nonadecane	268	C19H40	000629-92-5	58
5	Tetradecane	198	C14H30	000629-59-4	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082293.D
Acq On : 14 Oct 2015 22:02
Operator : UM/IZ
Sample : G4015-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

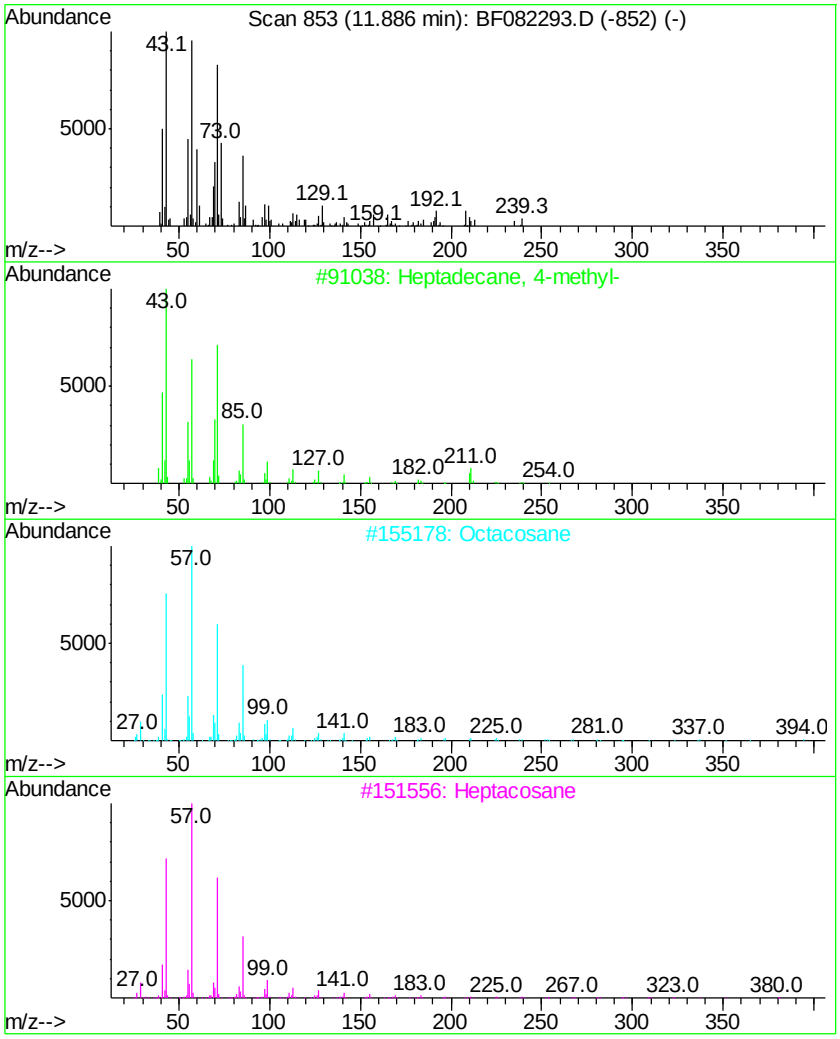
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

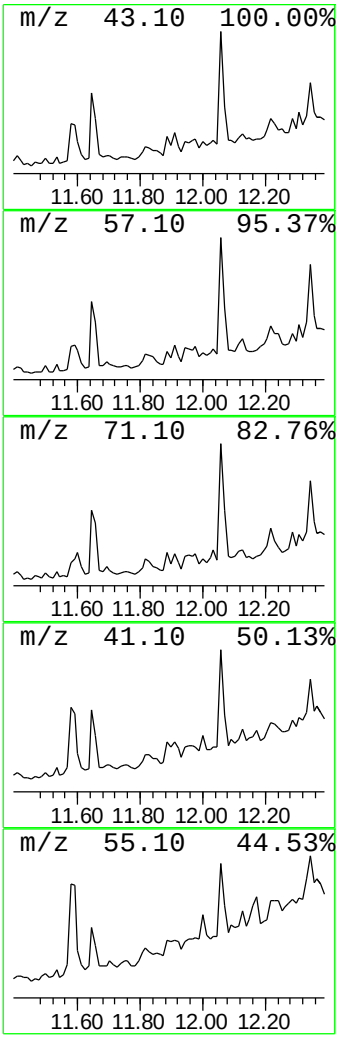
****

Peak Number 7 unknown11.89 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	8.70 ng	313802	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	49
2	Octacosane	394	C28H58	000630-02-4	49
3	Heptacosane	380	C27H56	000593-49-7	46
4	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	43
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082293.D
Acq On : 14 Oct 2015 22:02
Operator : UM/IZ
Sample : G4015-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

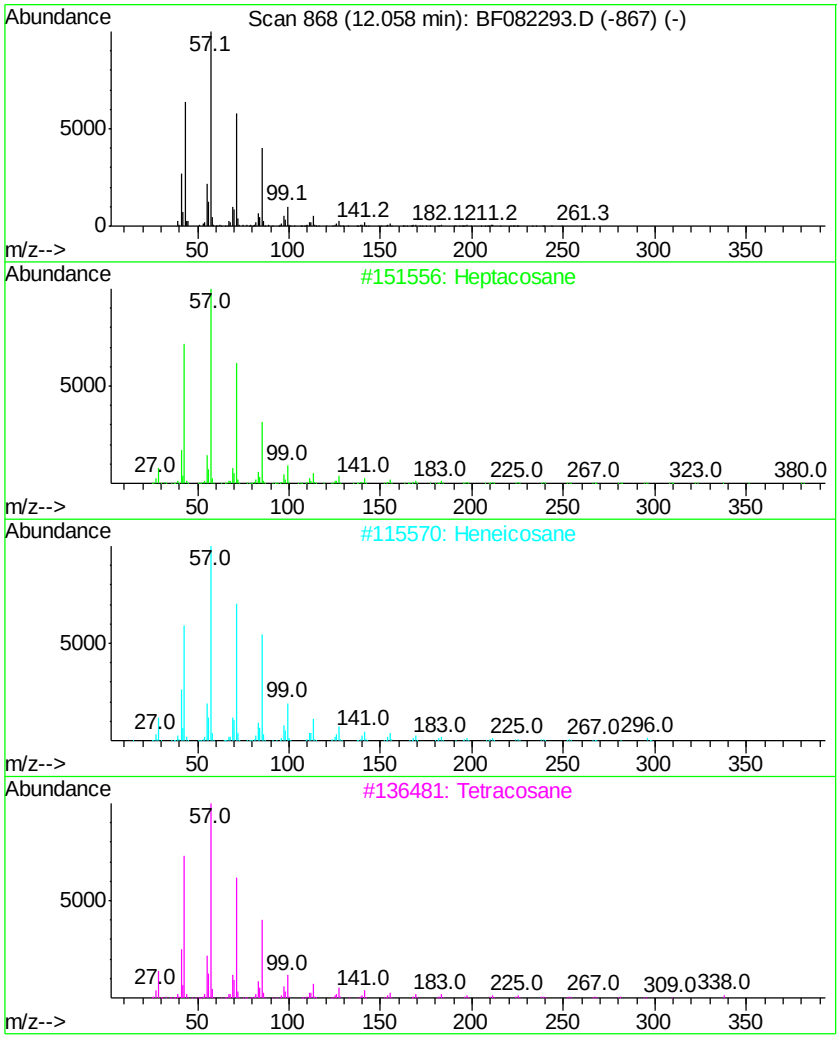
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

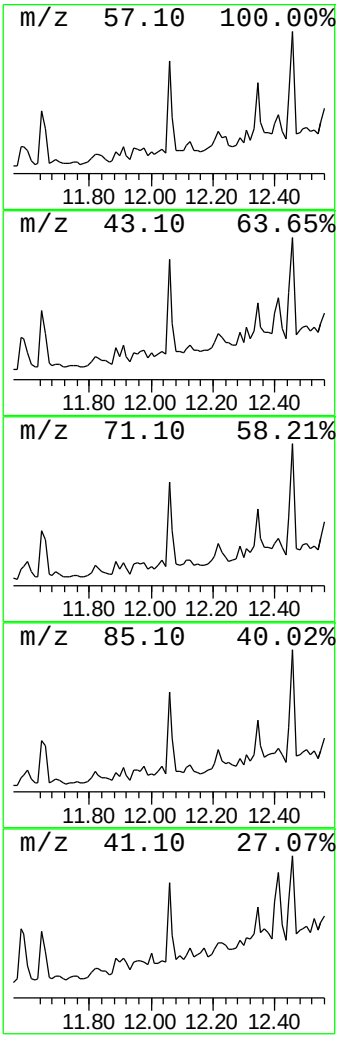
****

Peak Number 8 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	15.73 ng	567202	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082293.D
Acq On : 14 Oct 2015 22:02
Operator : UM/IZ
Sample : G4015-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

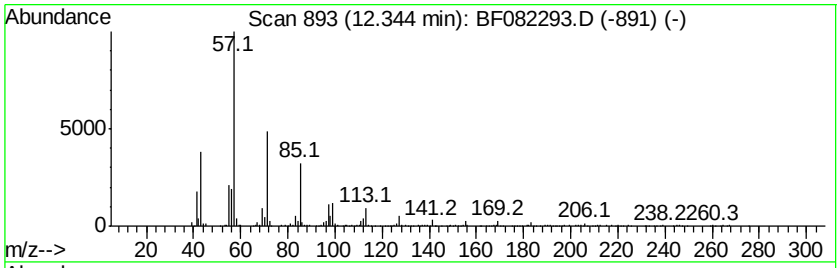
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

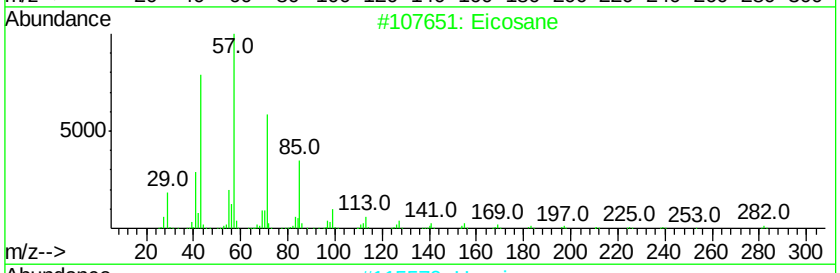
****

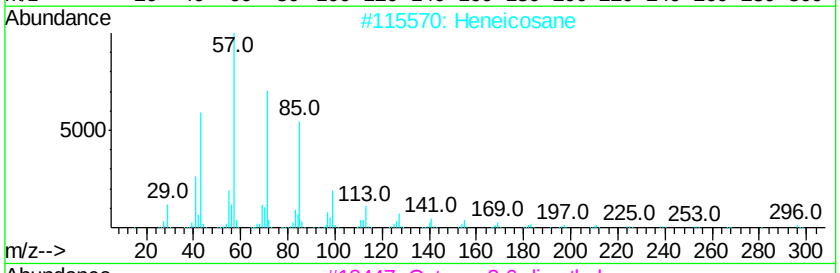
Peak Number 9 Heneicosane Concentration Rank 13

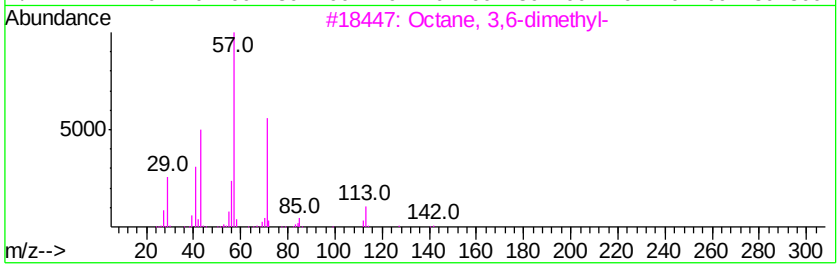
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	12.56 ng	453025	Phenanthrene-d10	11.36

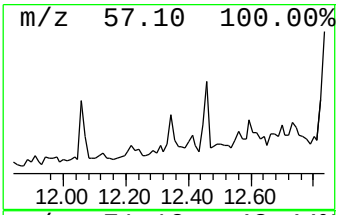
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	64
2	Heneicosane	296	C21H44	000629-94-7	64
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	62
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	59

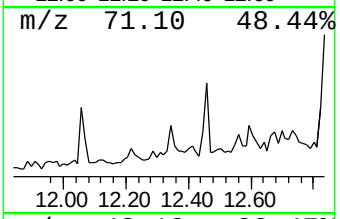


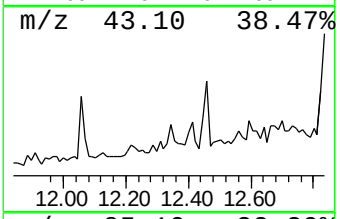


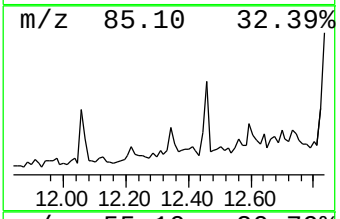


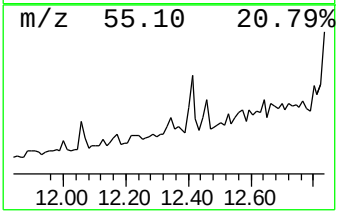












Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082293.D
Acq On : 14 Oct 2015 22:02
Operator : UM/IZ
Sample : G4015-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

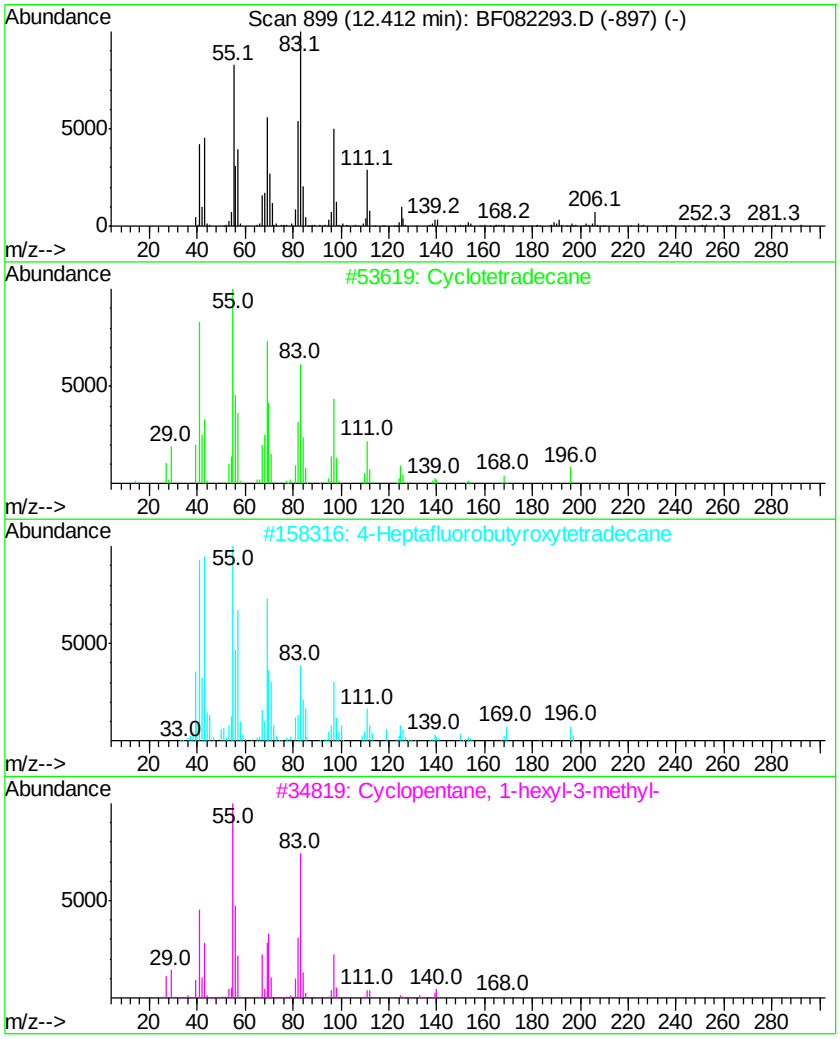
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

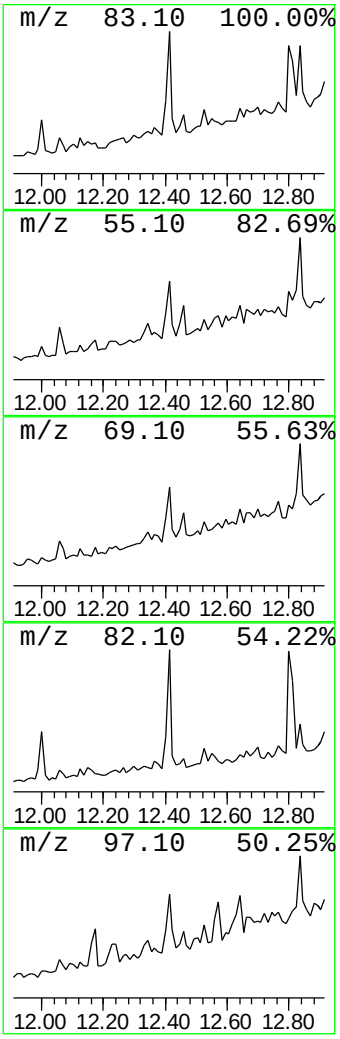
****

Peak Number 10 Cyclotetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	15.88 ng	572469	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	50
2	4-Heptafluorobutyroxytetradecane	410	C18H29F7O2	1000245-49-9	43
3	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	38
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	38
5	3-Bromobenzoic acid, tetradecyl ...	396	C21H33BrO2	1000281-95-0	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082293.D
Acq On : 14 Oct 2015 22:02
Operator : UM/IZ
Sample : G4015-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

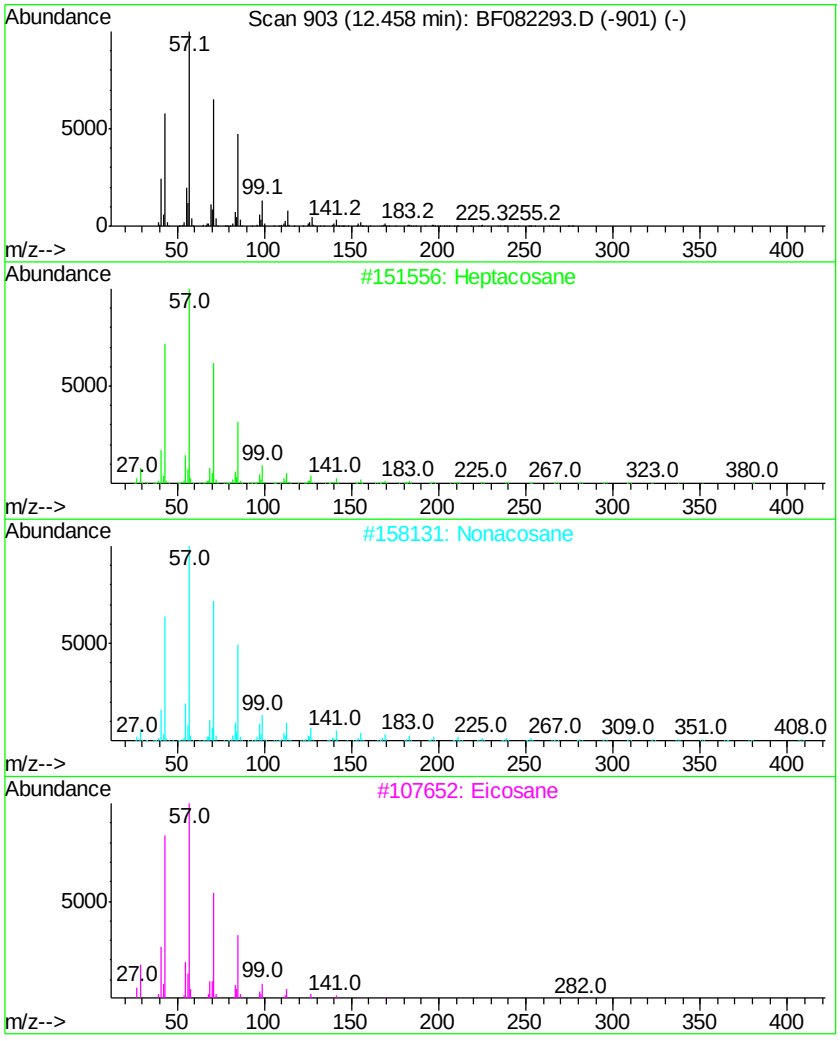
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

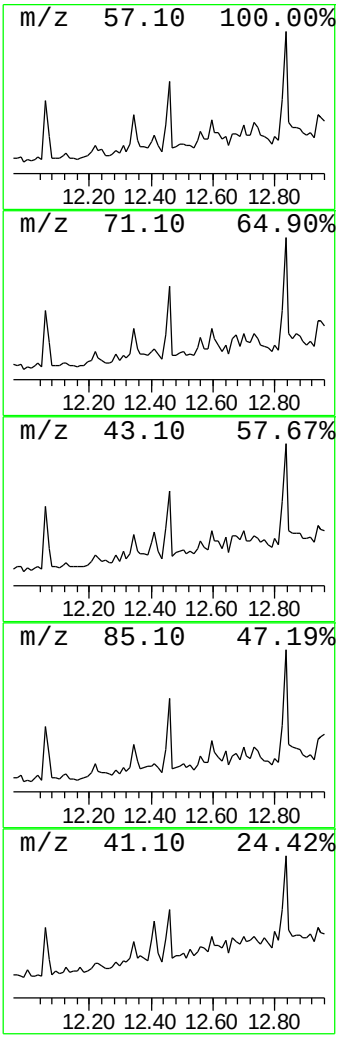
****

Peak Number 11 Nonacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	17.44 ng	628961	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Nonacosane	408	C29H60	000630-03-5	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082293.D
Acq On : 14 Oct 2015 22:02
Operator : UM/IZ
Sample : G4015-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

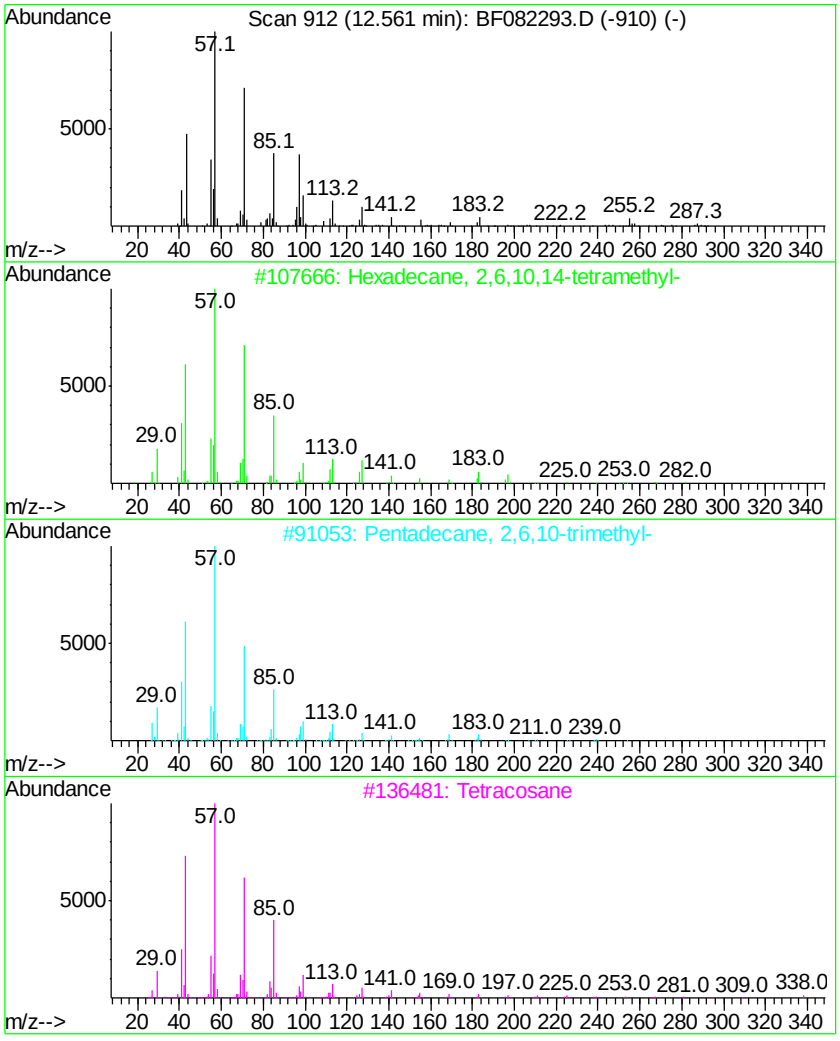
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

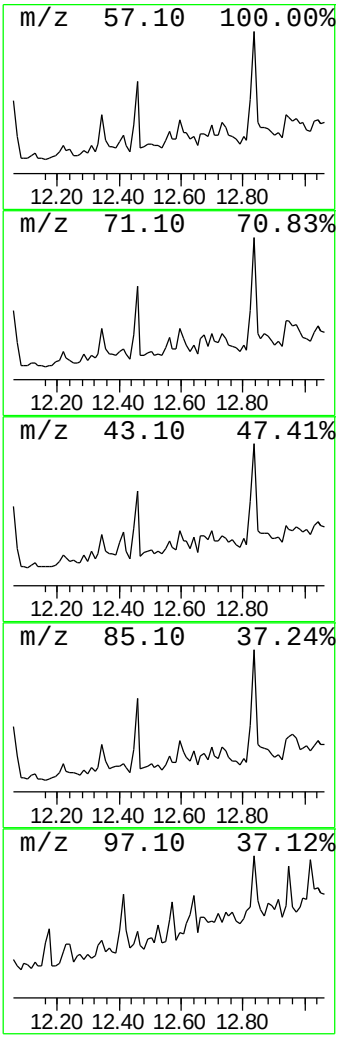
****

Peak Number 12 Hexadecane, 2,6,10,14-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	8.80 ng	317335	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	62
3	Tetracosane	338	C24H50	000646-31-1	59
4	Hexacosane	366	C26H54	000630-01-3	53
5	Heptacosane	380	C27H56	000593-49-7	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082293.D
Acq On : 14 Oct 2015 22:02
Operator : UM/IZ
Sample : G4015-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

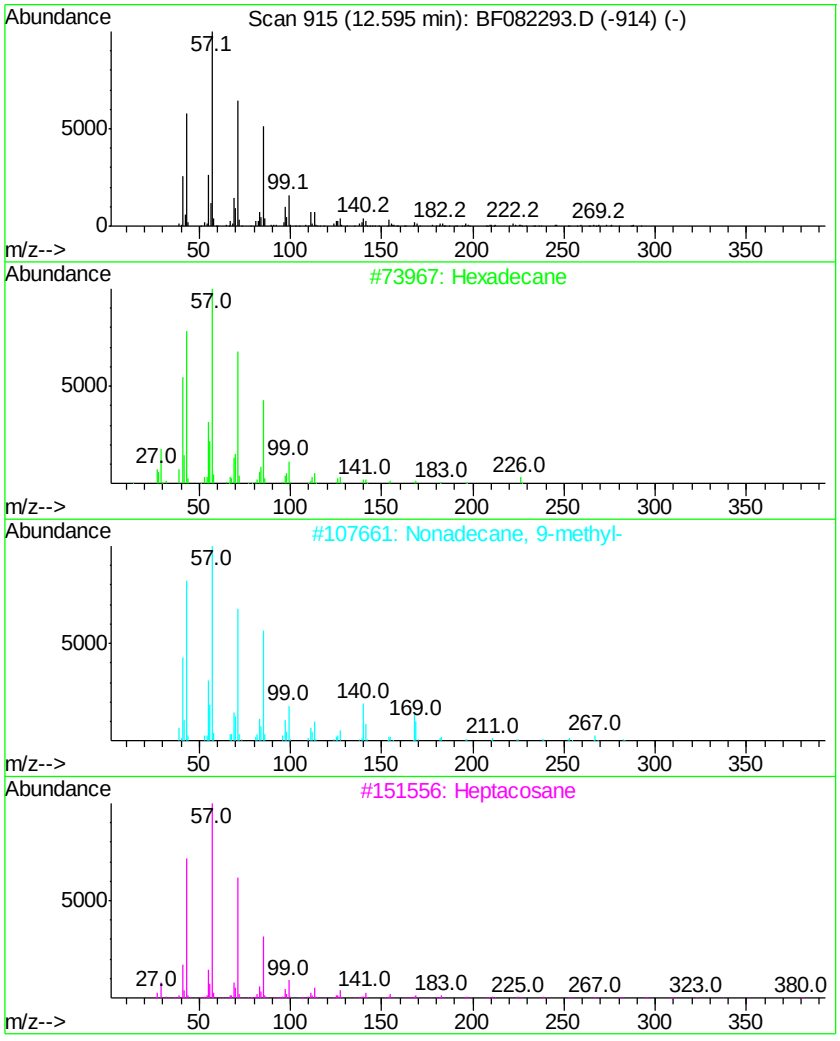
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

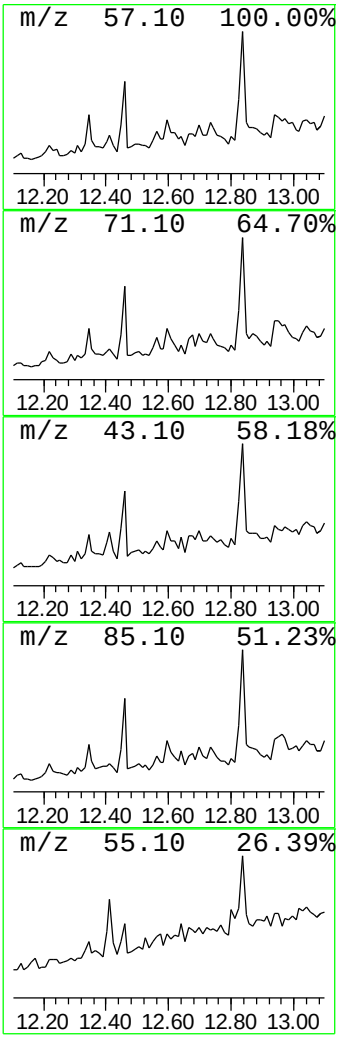
****

Peak Number 13 Nonadecane, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	8.06 ng	290755	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	64
3	Heptacosane	380	C27H56	000593-49-7	64
4	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	58
5	Nonadecane	268	C19H40	000629-92-5	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082293.D
Acq On : 14 Oct 2015 22:02
Operator : UM/IZ
Sample : G4015-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

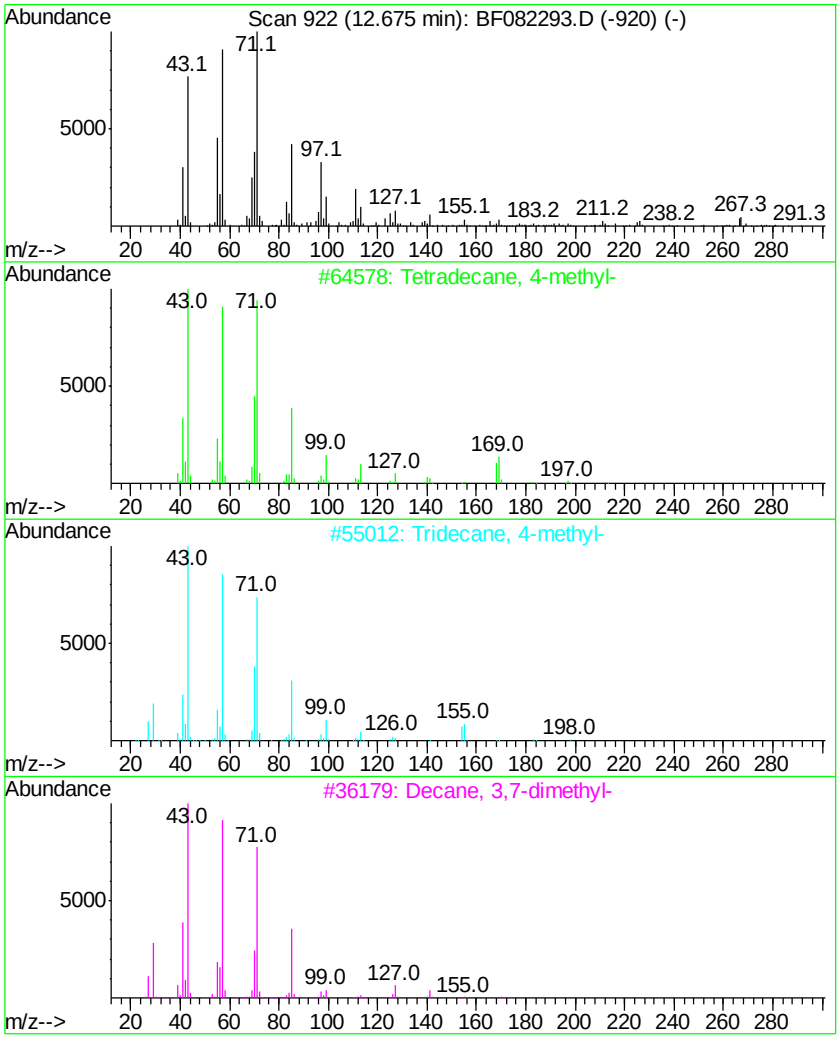
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

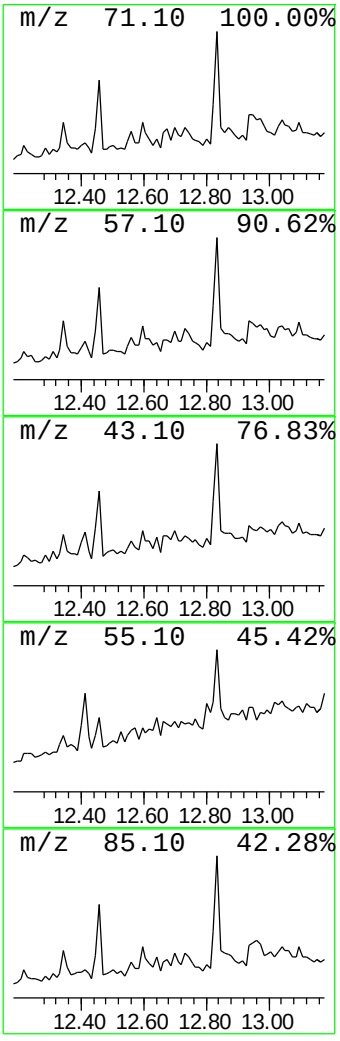
****

Peak Number 14 Tetradecane, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	9.01 ng	324797	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	90
2	Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
3	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	62
4	Hexadecane	226	C16H34	000544-76-3	55
5	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082293.D
Acq On : 14 Oct 2015 22:02
Operator : UM/IZ
Sample : G4015-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

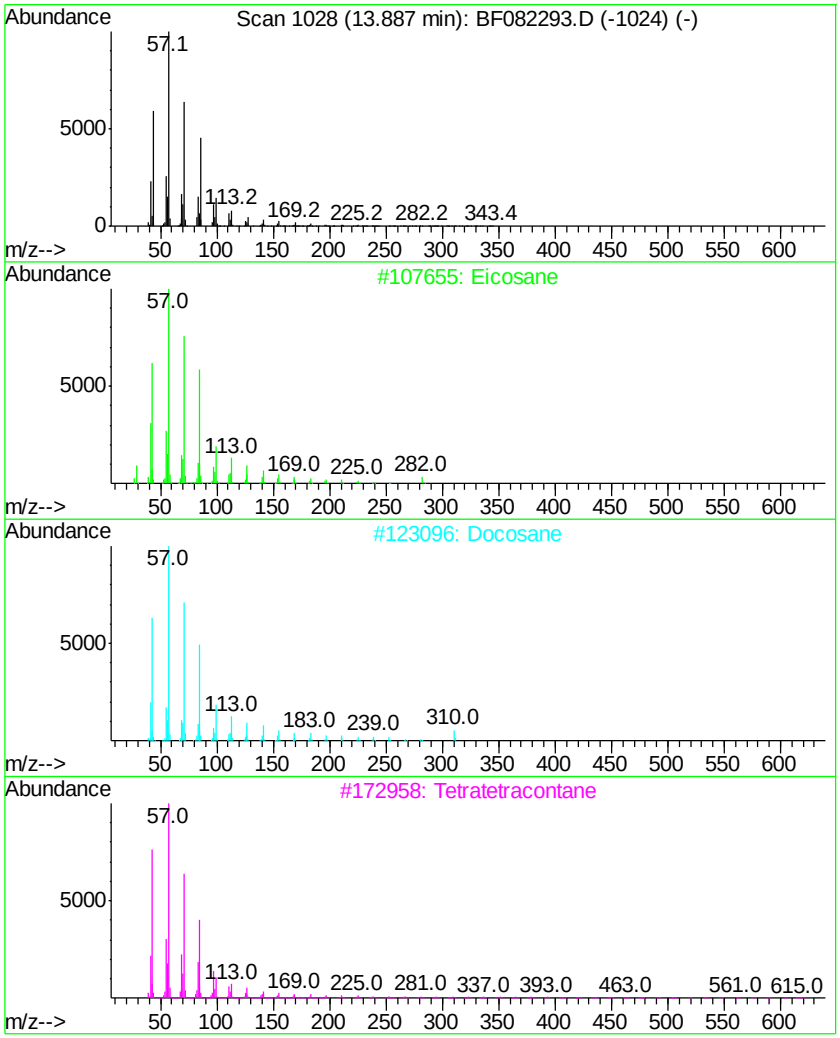
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

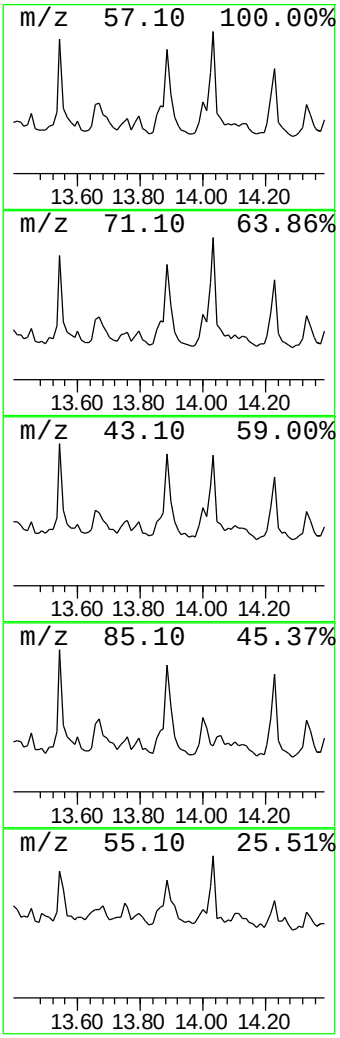
****

Peak Number 15 Docosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	11.19 ng	1699410	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Docosane	310	C22H46	000629-97-0	95
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Tetratriacontane	479	C34H70	014167-59-0	91
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082293.D
Acq On : 14 Oct 2015 22:02
Operator : UM/IZ
Sample : G4015-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

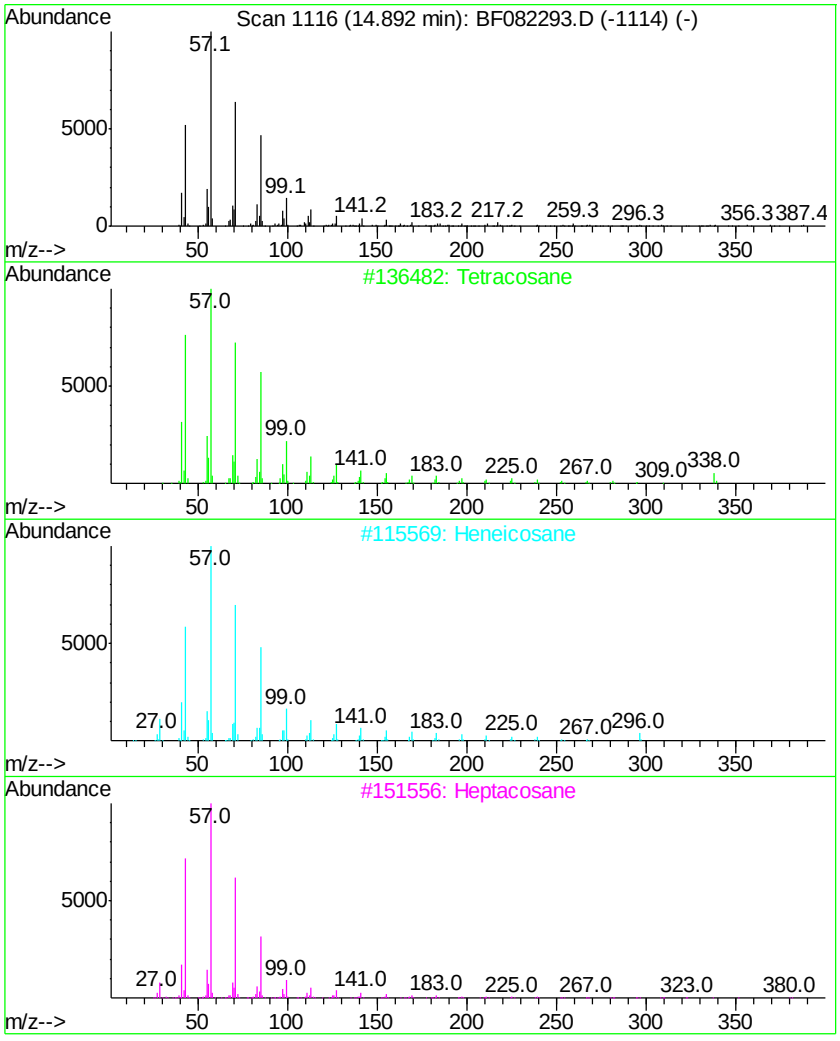
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

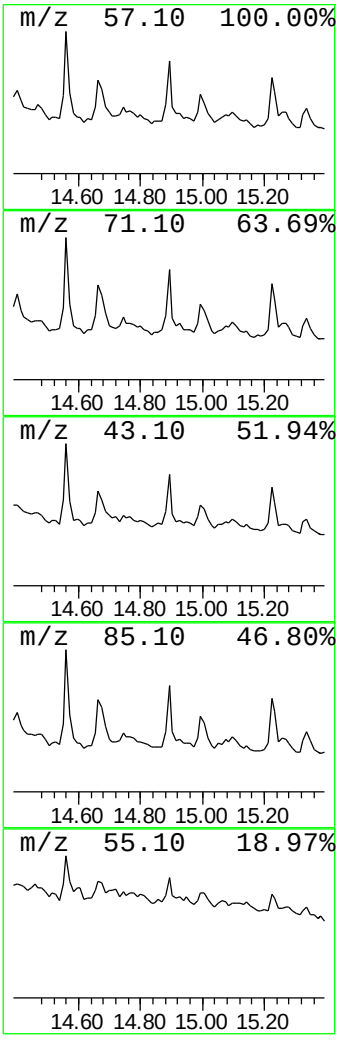
****

Peak Number 16 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	21.23 ng	482548	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Heneicosane	296	C21H44	000629-94-7	94
3	Heptacosane	380	C27H56	000593-49-7	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5	Octadecane	254	C18H38	000593-45-3	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082293.D
Acq On : 14 Oct 2015 22:02
Operator : UM/IZ
Sample : G4015-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

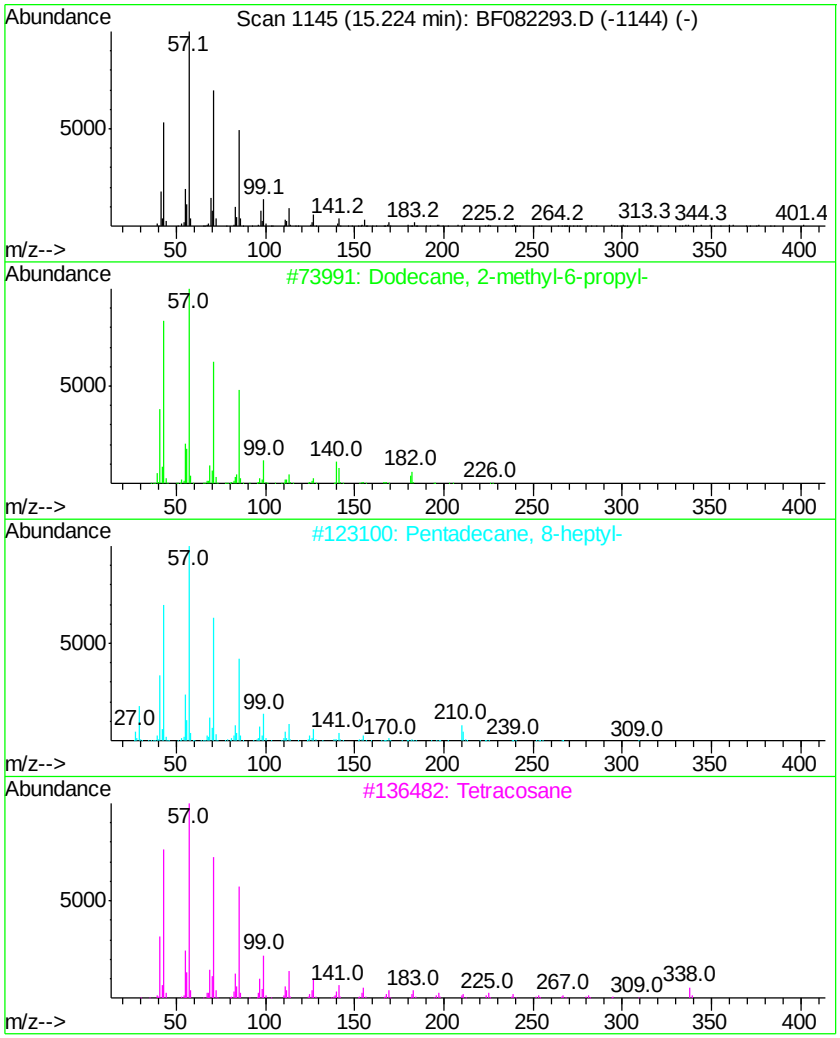
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

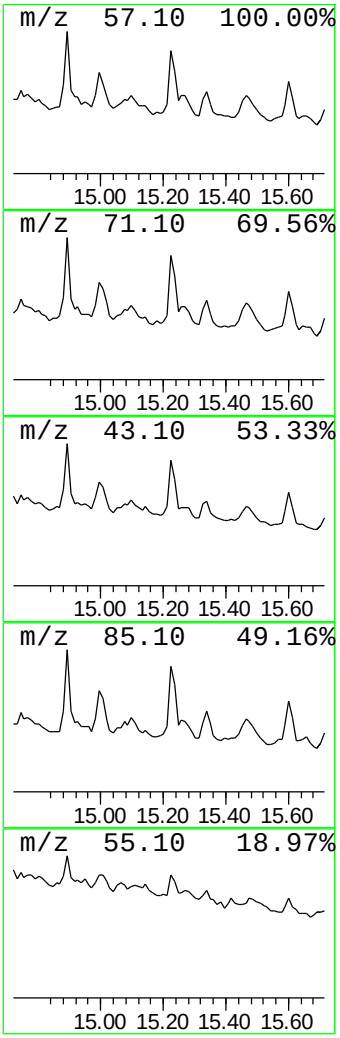
****

Peak Number 17 Dodecane, 2-methyl-6-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	13.91 ng	316141	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
3	Tetracosane	338	C24H50	000646-31-1	86
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	83
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082293.D
Acq On : 14 Oct 2015 22:02
Operator : UM/IZ
Sample : G4015-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

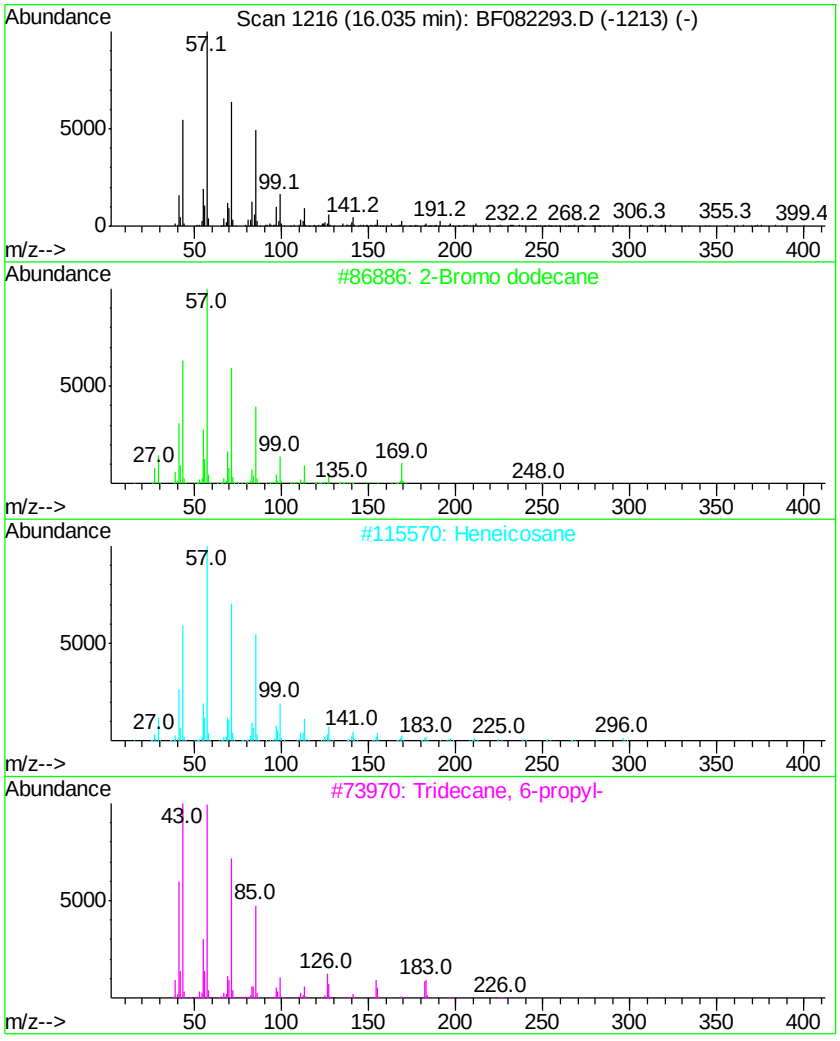
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

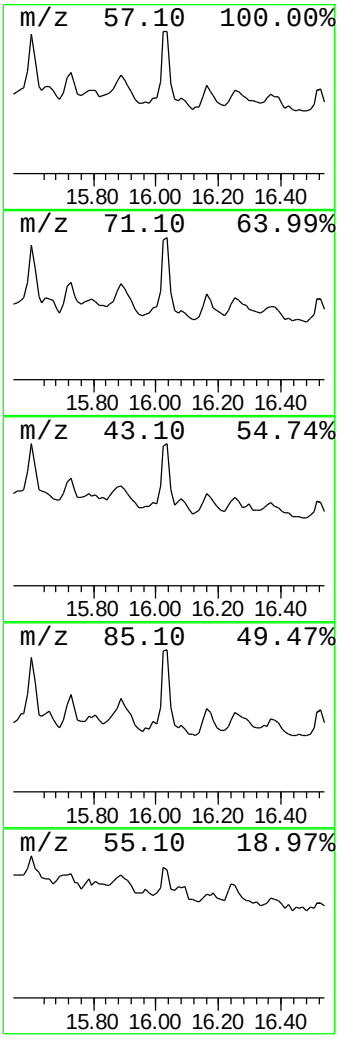
****

Peak Number 18 2-Bromo dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	19.40 ng	441009	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5	Triacontane	422	C30H62	000638-68-6	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082293.D
Acq On : 14 Oct 2015 22:02
Operator : UM/IZ
Sample : G4015-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

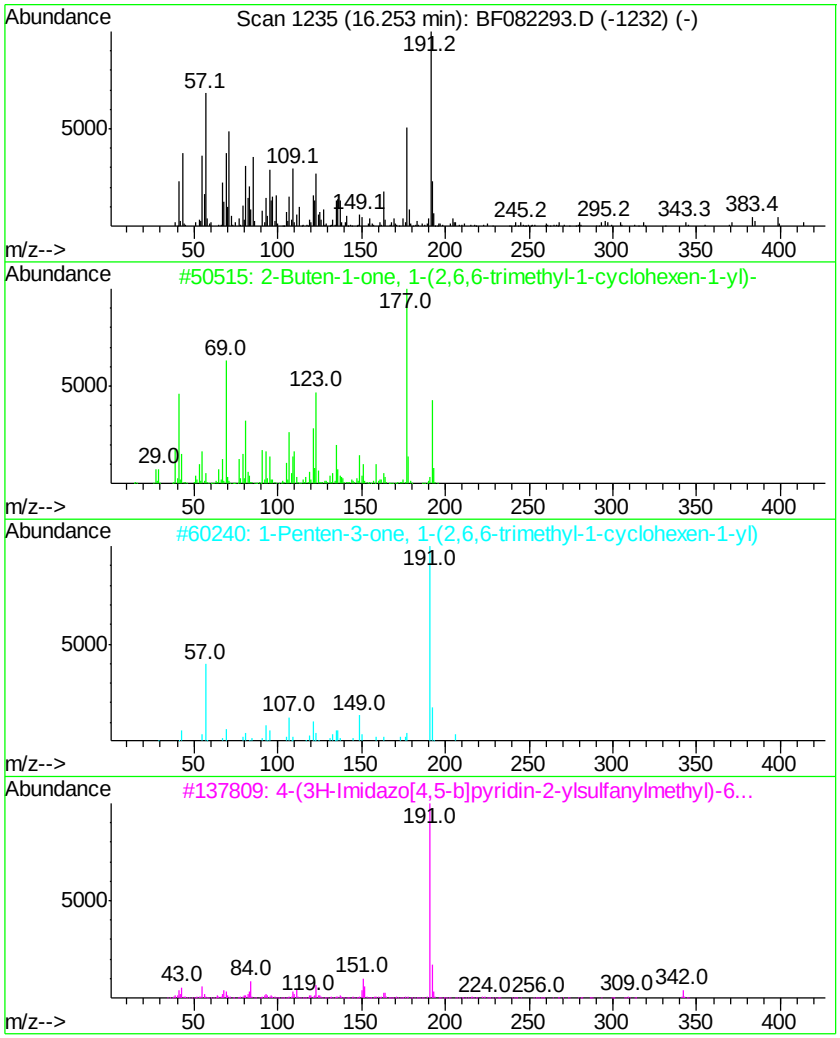
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

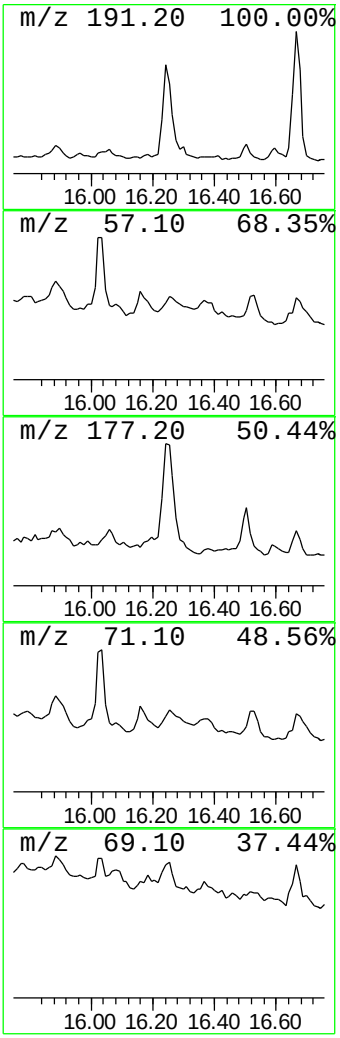
****

Peak Number 19 unknown16.25 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	30.33 ng	689403	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-one, 1-(2,6,6-trimethy...	192	C13H20O	035044-68-9	38
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	27
3	4-(3H-Imidazo[4,5-b]pyridin-2-yl...	342	C15H18N8S	1000276-08-2	27
4	2-Chloro-4,6-dimethylquinoline	191	C11H10ClN	003913-18-6	25
5	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082293.D
Acq On : 14 Oct 2015 22:02
Operator : UM/IZ
Sample : G4015-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

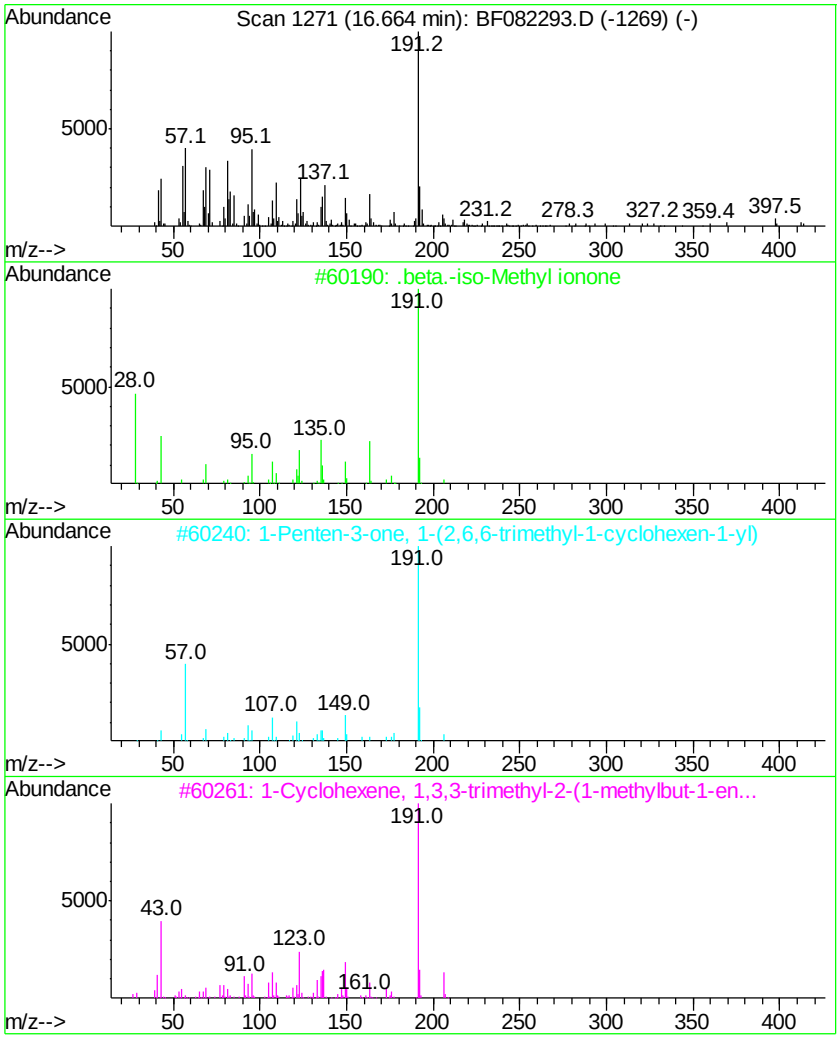
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

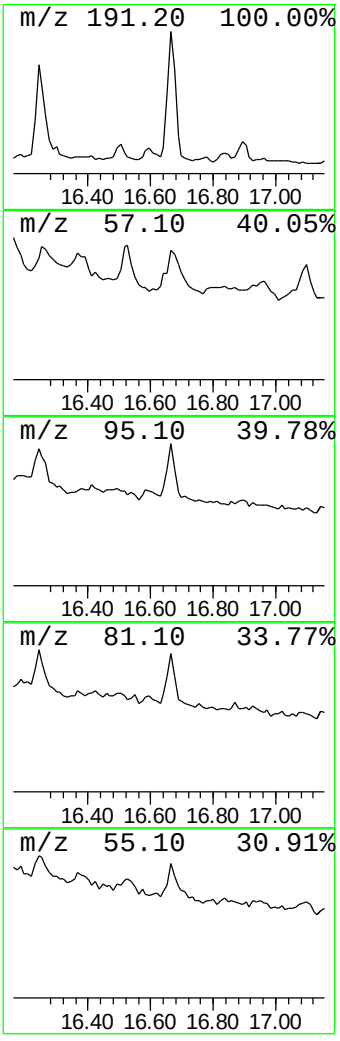
****

Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	33.70 ng	766127	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	76
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	50
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	42
4	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	35
5	4-(3H-Imidazo[4,5-b]pyridin-2-yl...	342	C15H18N8S	1000276-08-2	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101515\
Data File : BF082293.D
Acq On : 14 Oct 2015 22:02
Operator : UM/IZ
Sample : G4015-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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
2-Pentanone, 4-hy...	5.01	80.9	ng	1715700	1	6.82	423968	20.0
unknown6.59	6.59	76.3	ng	1616740	1	6.82	423968	20.0
2-Tetradecene, (E)-	11.59	17.2	ng	620266	4	11.36	721159	20.0
Eicosane	11.65	11.2	ng	402058	4	11.36	721159	20.0
Heptacosane, 1-ch...	11.82	10.2	ng	368575	4	11.36	721159	20.0
unknown11.89	11.89	8.7	ng	313802	4	11.36	721159	20.0
Heptacosane	12.06	15.7	ng	567202	4	11.36	721159	20.0
Heneicosane	12.34	12.6	ng	453025	4	11.36	721159	20.0
Cyclotetradecane	12.41	15.9	ng	572469	4	11.36	721159	20.0
Nonacosane	12.46	17.4	ng	628961	4	11.36	721159	20.0
Hexadecane, 2,6,1...	12.56	8.8	ng	317335	4	11.36	721159	20.0
Nonadecane, 9-met...	12.60	8.1	ng	290755	4	11.36	721159	20.0
Tetradecane, 4-me...	12.68	9.0	ng	324797	4	11.36	721159	20.0
Docosane	13.89	11.2	ng	1699410	5	14.05	3037010	20.0
Tetracosane	14.89	21.2	ng	482548	6	15.57	454639	20.0
Dodecane, 2-methy...	15.22	13.9	ng	316141	6	15.57	454639	20.0
2-Bromo dodecane	16.04	19.4	ng	441009	6	15.57	454639	20.0
unknown16.25	16.25	30.3	ng	689403	6	15.57	454639	20.0
.beta.-iso-Methyl...	16.66	33.7	ng	766127	6	15.57	454639	20.0