LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086443.D
Acq On : 28 Apr 2016 00:26
Operator : UM/SJ
Sample : H2713-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-B6B9B11B15B10-C

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.978	250	253	262	rBV	116759	165638	5.37%	0.553%
2	5.401	287	290	292	rBV	2982206	3086040	100.00%	10.297%
3	5.619	306	309	314	rBV	31262	44696	1.45%	0.149%
4	6.441	378	381	384	rBV	2585258	2848314	92.30%	9.504%
5	6.579	390	393	395	rBV	2365589	3083321	99.91%	10.288%
6	6.647	397	399	401	rVB2	34834	46458	1.51%	0.155%
7	6.807	411	413	415	rBV	879061	823566	26.69%	2.748%
8	6.967	424	427	429	rBV	1704892	2325007	75.34%	7.758%
9	7.070	434	436	442	rVB2	35129	65265	2.11%	0.218%
10	7.367	460	462	465	rBV	1600374	1654866	53.62%	5.522%
11	7.470	469	471	478	rVB	47021	91882	2.98%	0.307%
12	7.664	486	488	495	rVB	227187	232320	7.53%	0.775%
13	8.087	523	525	528	rBV	893083	964829	31.26%	3.219%
14	8.305	542	544	548	rBV	59468	85688	2.78%	0.286%
15	8.373	548	550	552	rVB	71430	90155	2.92%	0.301%
16	8.796	585	587	592	rBV	33809	38710	1.25%	0.129%
17	9.173	617	620	622	rBV	2618229	2797503	90.65%	9.334%
18	9.562	652	654	656	rBV	392913	322274	10.44%	1.075%
19	9.779	672	673	676	rBV	38556	39514	1.28%	0.132%
20	9.848	676	679	681	rBV	748225	837732	27.15%	2.795%
21	10.259	713	715	716	rBV	28015	44537	1.44%	0.149%
22	10.282	716	717	719	rVB	105242	77852	2.52%	0.260%
23	10.499	733	736	739	rBV	37994	58956	1.91%	0.197%
24	10.625	745	747	750	rBV2	1025687	1310519	42.47%	4.373%
25	10.750	757	758	762	rBV	100998	130495	4.23%	0.435%
26	11.196	796	797	803	rVB	45136	88993	2.88%	0.297%
27	11.322	806	808	813	rBV2	627813	816228	26.45%	2.723%
28	11.402	813	815	817	rVB2	32867	51819	1.68%	0.173%
29	11.562	826	829	833	rBV4	30628	52843	1.71%	0.176%
30	11.631	833	835	838	rVB2	32402	37963	1.23%	0.127%
31	11.939	860	862	866	rVB2	25657	42996	1.39%	0.143%
32	12.145	875	880	882	rBV3	11179	32719	1.06%	0.109%
33	12.373	898	900	902	rBV2	20010	31046	1.01%	0.104%
34	12.419	902	904	906	rVB3	32270	39754	1.29%	0.133%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086443.D
Acq On : 28 Apr 2016 00:26
Operator : UM/SJ
Sample : H2713-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-B6B9B11B15B10-C

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

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

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

35	12.534	912	914	917	rBV	312956	310034	10.05%	1.034%
36	12.762	930	934	936	rBV	307590	362049	11.73%	1.208%
37	12.911	944	947	952	rBV	2191745	2163359	70.10%	7.218%
38	13.094	959	963	964	rBV	26741	51053	1.65%	0.170%
39	13.151	964	968	970	rBV2	99691	121483	3.94%	0.405%
40	13.196	970	972	976	rVV2	28551	61478	1.99%	0.205%
41	13.494	995	998	1000	rBV	117350	141219	4.58%	0.471%
42	13.608	1005	1008	1011	rVV2	34870	61367	1.99%	0.205%
43	13.699	1014	1016	1018	rBV2	25336	49095	1.59%	0.164%
44	13.814	1024	1026	1035	rVB2	316662	421329	13.65%	1.406%
45	13.962	1035	1039	1045	rBV2	694165	1386124	44.92%	4.625%
46	14.065	1046	1048	1050	rVV	88477	95055	3.08%	0.317%
47	14.134	1052	1054	1056	rBV	95367	86163	2.79%	0.287%
48	14.442	1078	1081	1084	rBV4	106108	217342	7.04%	0.725%
49	14.591	1092	1094	1096	rVB	125267	114430	3.71%	0.382%
50	14.865	1116	1118	1120	rVB	64694	78721	2.55%	0.263%
51	14.968	1125	1127	1132	rBV	147520	304581	9.87%	1.016%
52	15.048	1132	1134	1136	rBV	110949	169097	5.48%	0.564%
53	15.311	1154	1157	1160	rBV	87614	196744	6.38%	0.656%
54	15.368	1160	1162	1169	rVB	474870	786486	25.49%	2.624%
55	15.597	1180	1182	1186	rVB	77627	113749	3.69%	0.380%
56	15.814	1199	1201	1204	rVB	148375	219042	7.10%	0.731%

Sum of corrected areas: 29970498

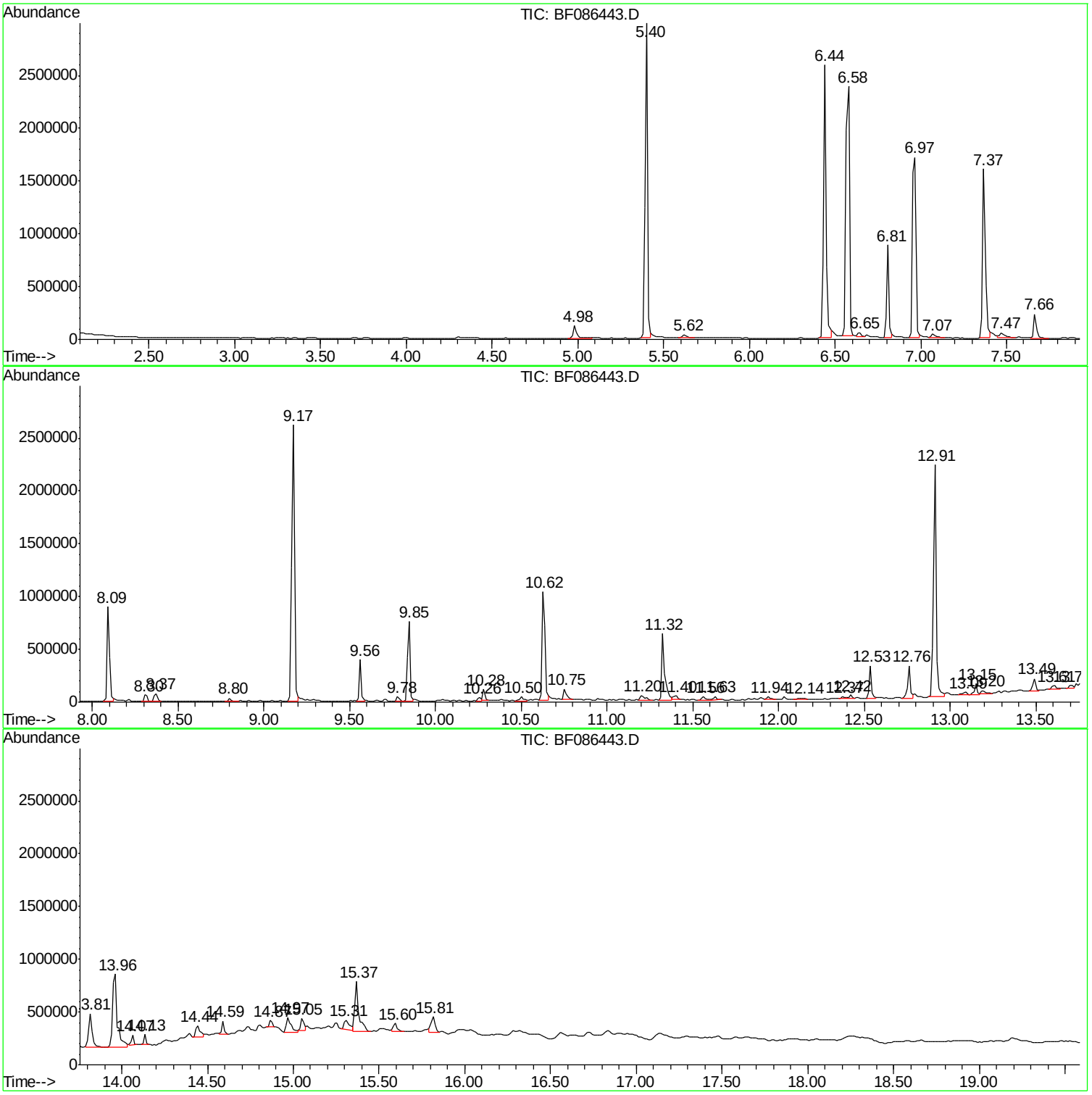
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086443.D
Acq On : 28 Apr 2016 00:26
Operator : UM/SJ
Sample : H2713-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-B6B9B11B15B10-C

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

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086443.D
Acq On : 28 Apr 2016 00:26
Operator : UM/SJ
Sample : H2713-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-B6B9B11B15B10-C

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

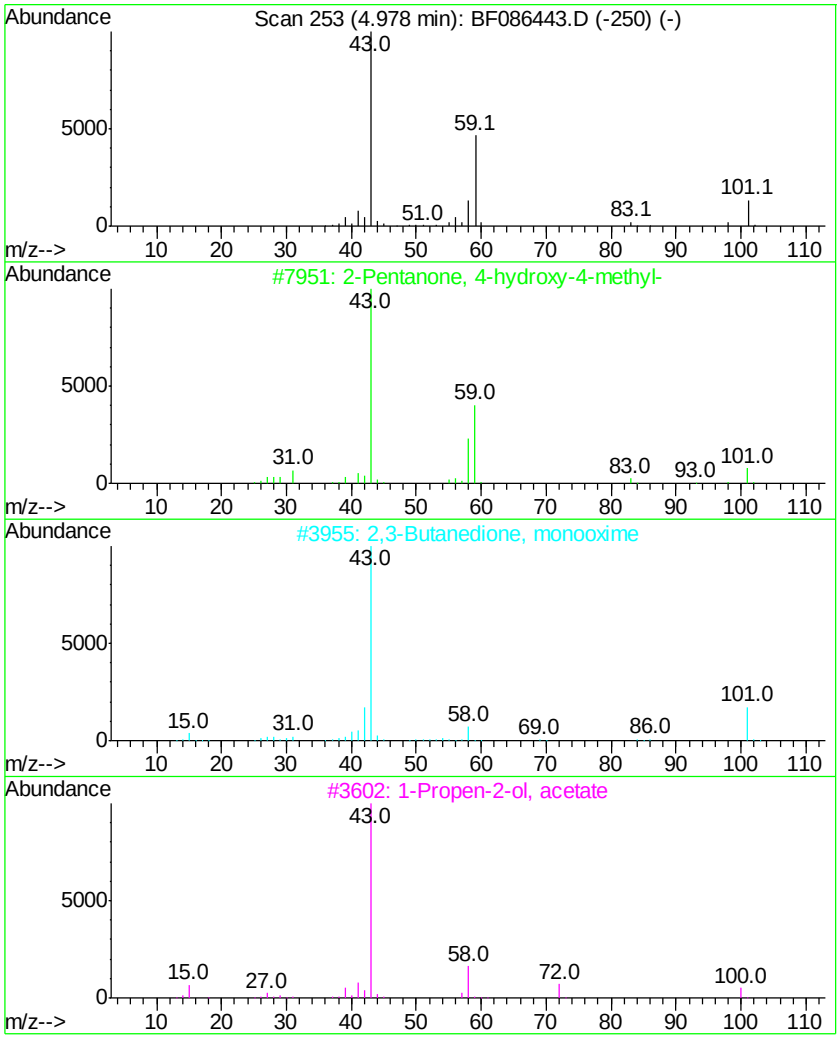
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

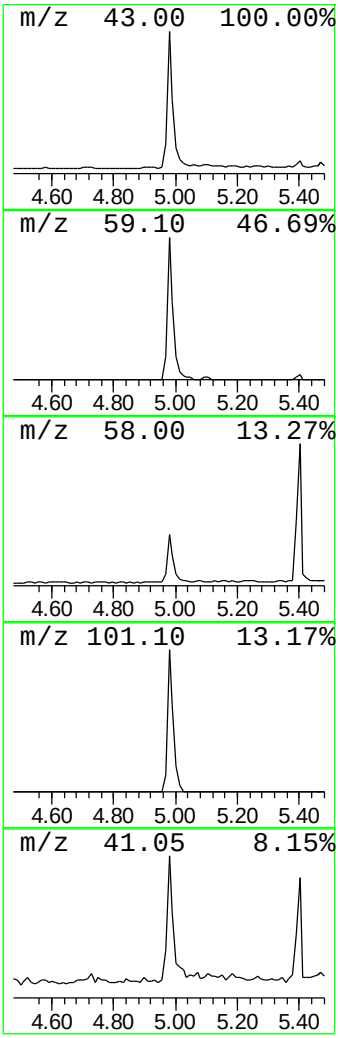
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	4.02 ng	165638	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Butane	58	C4H10	000106-97-8	9
5	Diacetamide	101	C4H7NO2	000625-77-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086443.D
Acq On : 28 Apr 2016 00:26
Operator : UM/SJ
Sample : H2713-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-B6B9B11B15B10-C

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

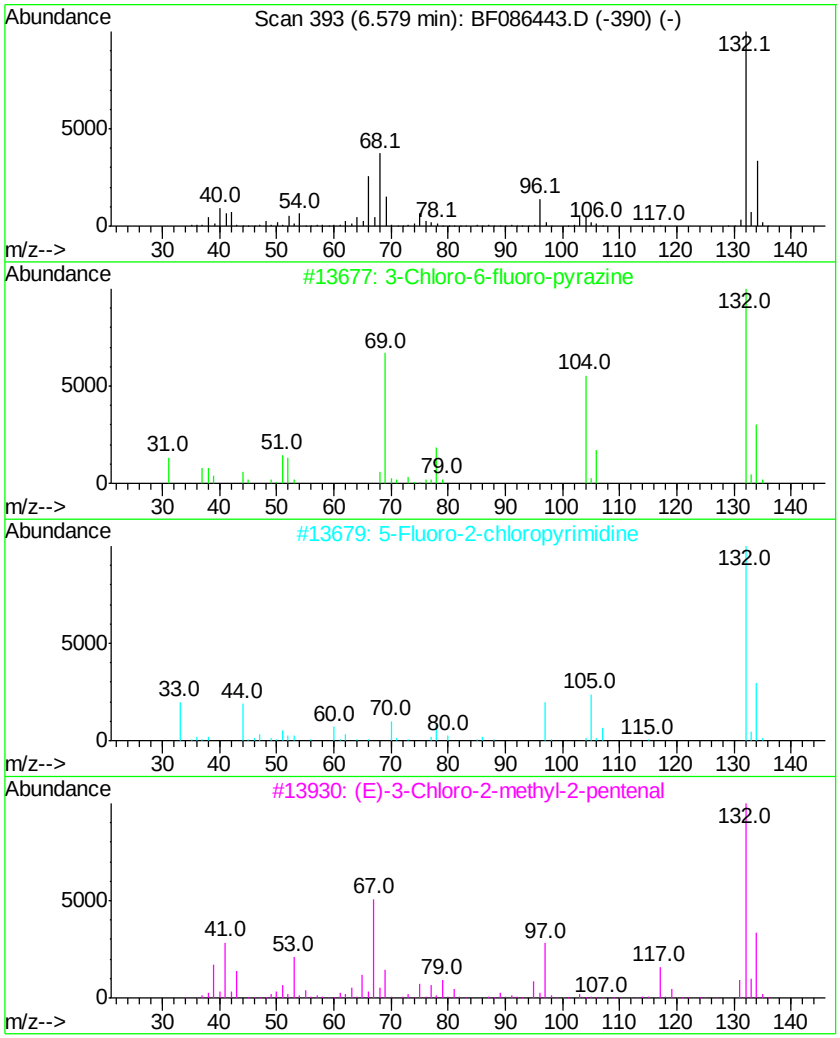
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

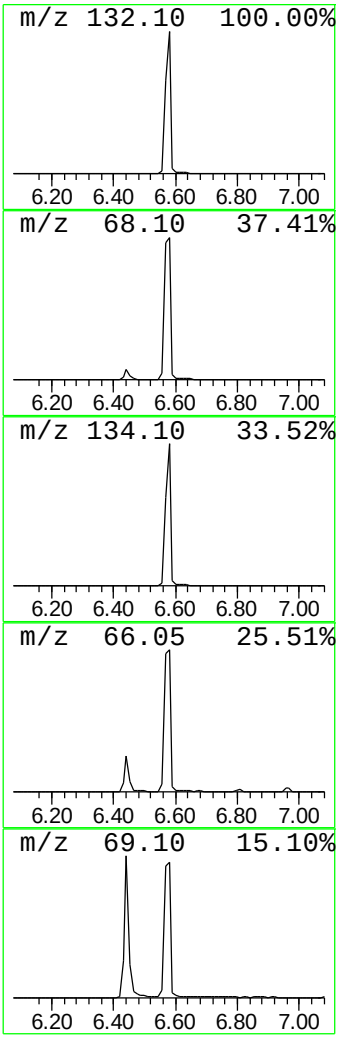
****

Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	74.88 ng	3083320	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086443.D
Acq On : 28 Apr 2016 00:26
Operator : UM/SJ
Sample : H2713-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-B6B9B11B15B10-C

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

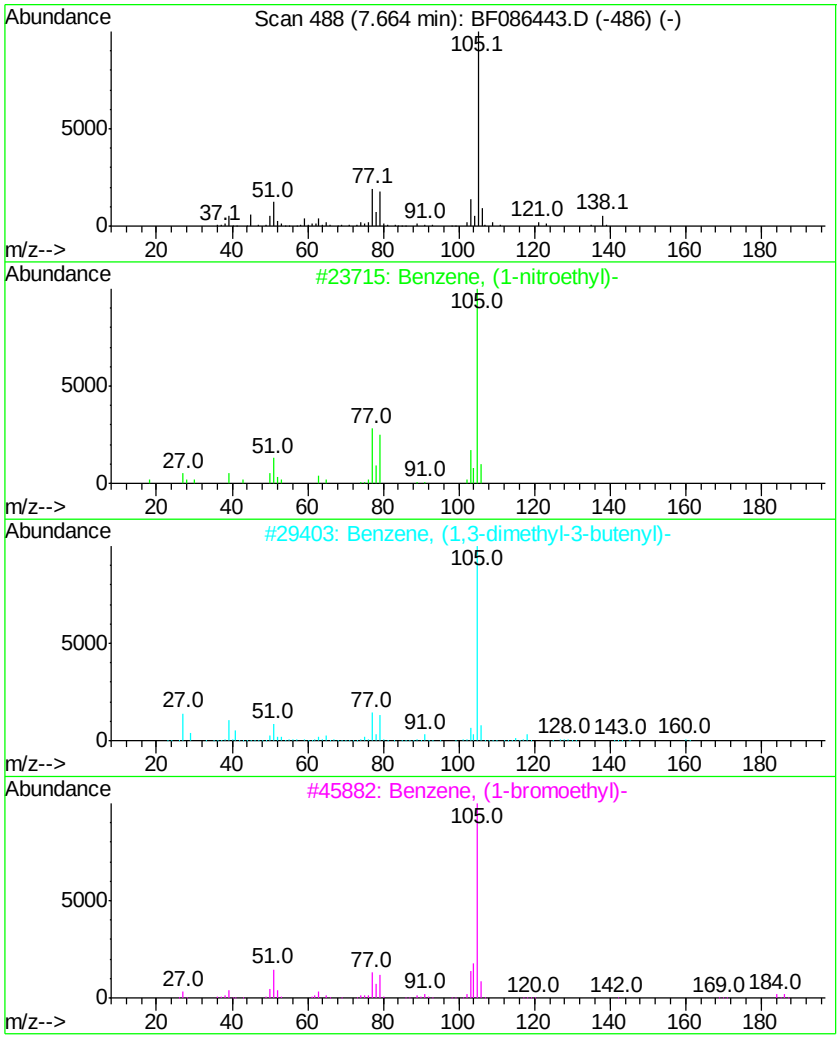
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

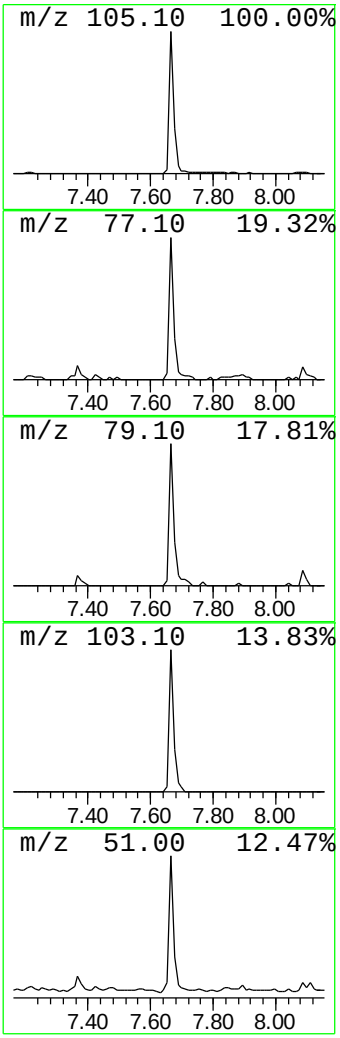
****

Peak Number 4 Benzene, (1-nitroethyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	4.82 ng	232320	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	80
2	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	72
3	Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	64
4	Phenol, o-[(.alpha.-methylbenzyl...	262	C14H14O3S	029634-38-6	64
5	Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086443.D
Acq On : 28 Apr 2016 00:26
Operator : UM/SJ
Sample : H2713-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-B6B9B11B15B10-C

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

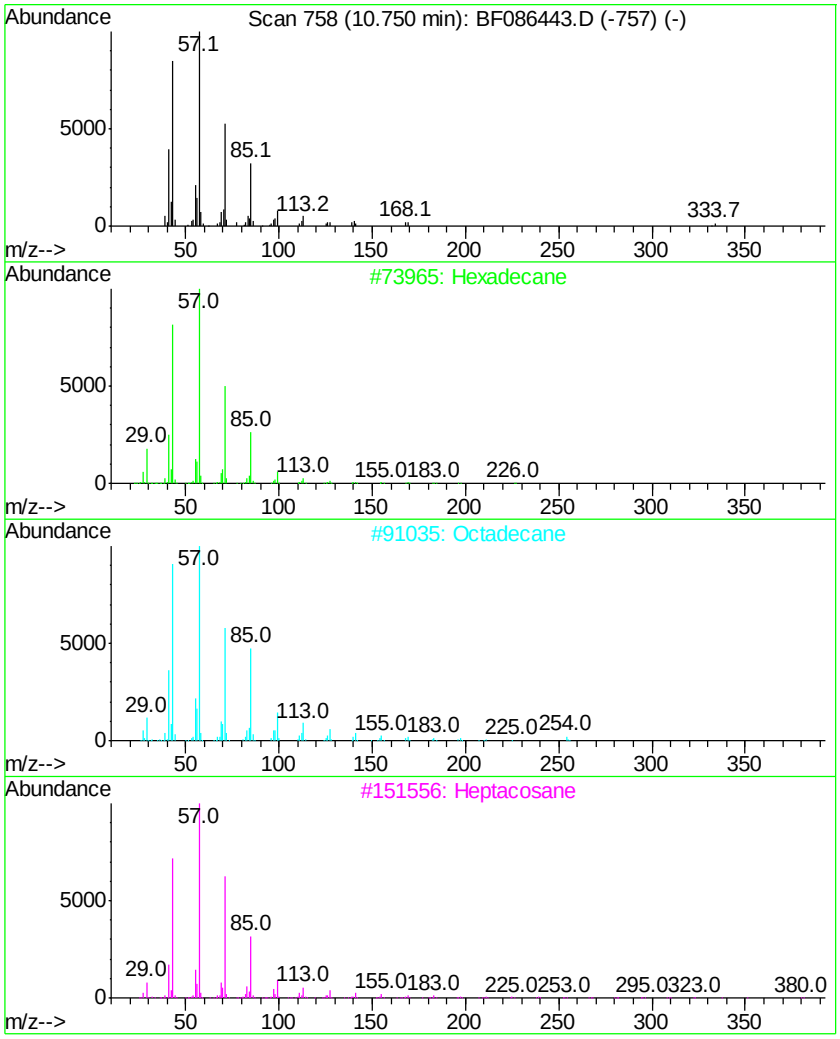
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

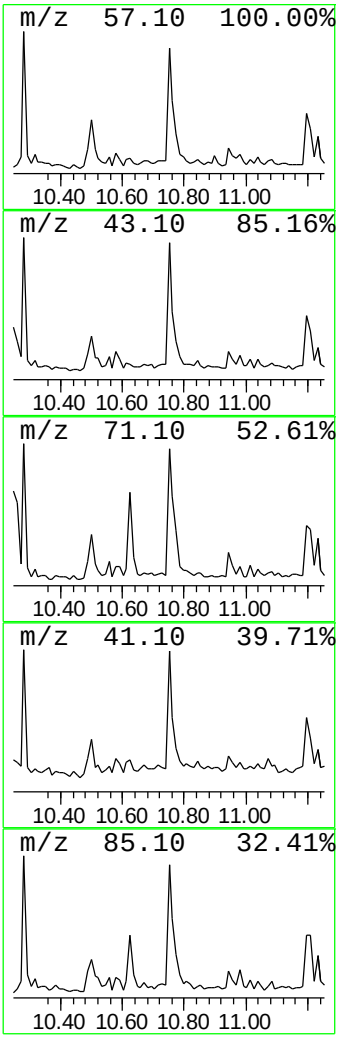
****

Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	3.20 ng	130495	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Octadecane	254	C18H38	000593-45-3	90
3	Heptacosane	380	C27H56	000593-49-7	86
4	Eicosane	282	C20H42	000112-95-8	86
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086443.D
Acq On : 28 Apr 2016 00:26
Operator : UM/SJ
Sample : H2713-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-B6B9B11B15B10-C

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

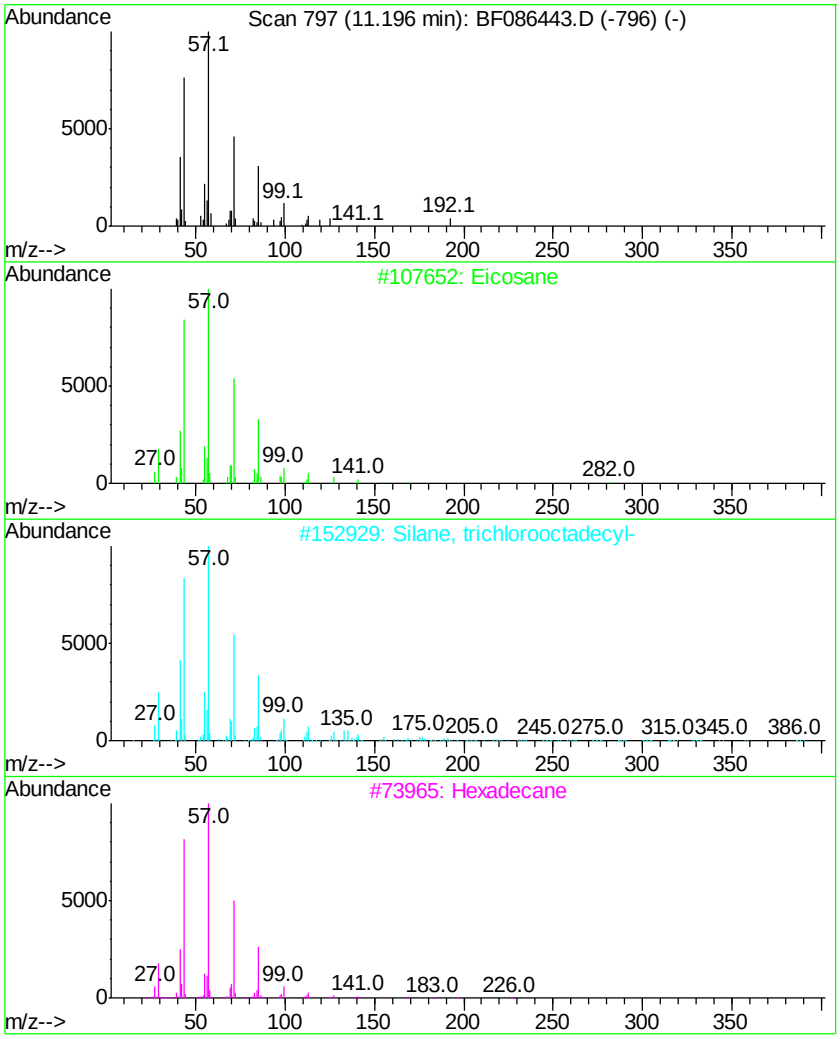
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

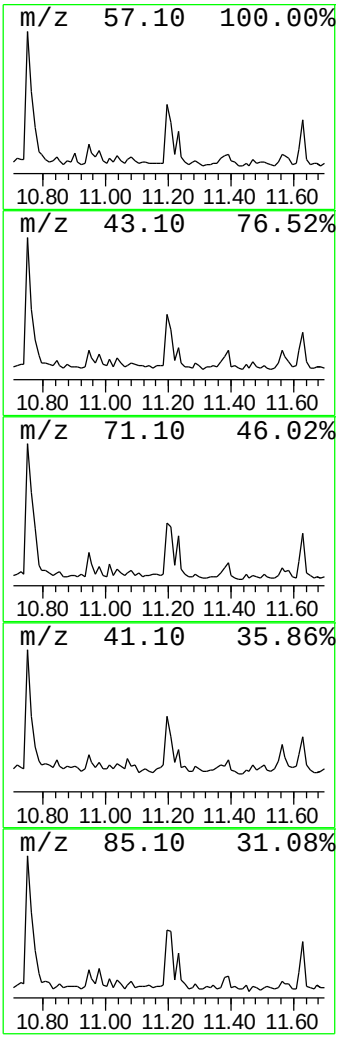
****

Peak Number 6 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	2.18 ng	88993	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	80
3	Hexadecane	226	C16H34	000544-76-3	78
4	Octadecane	254	C18H38	000593-45-3	64
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086443.D
Acq On : 28 Apr 2016 00:26
Operator : UM/SJ
Sample : H2713-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-B6B9B11B15B10-C

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

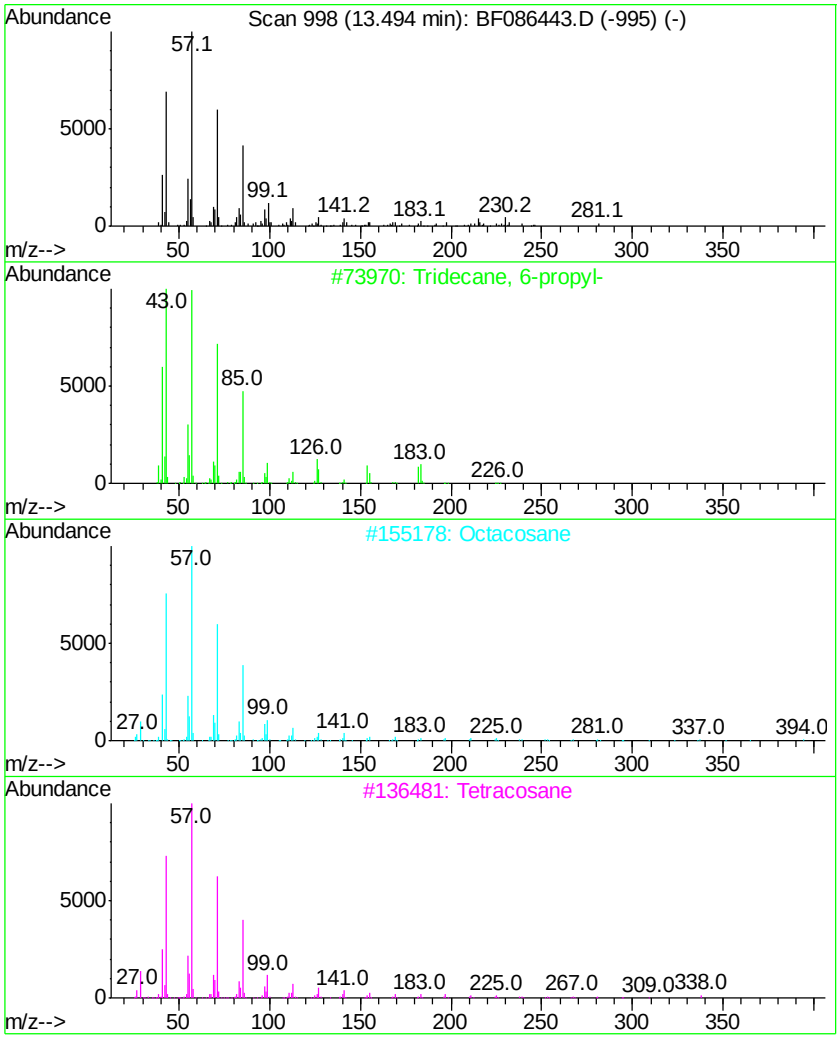
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

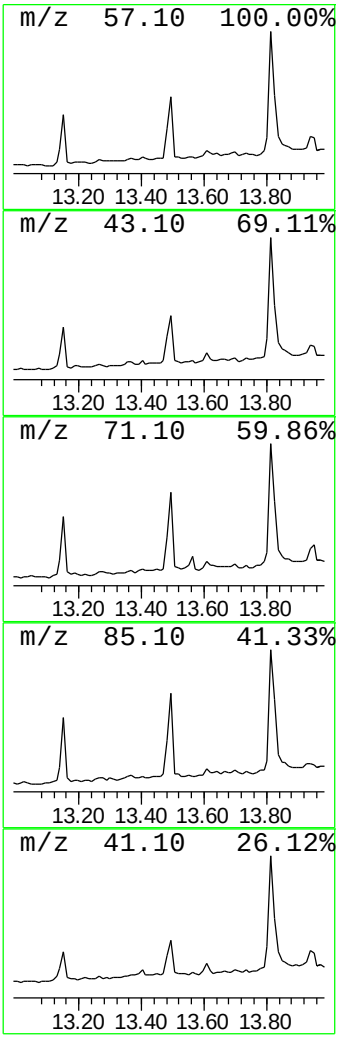
****

Peak Number 7 Tridecane, 6-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.04 ng	141219	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Nonacosane	408	C29H60	000630-03-5	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086443.D
Acq On : 28 Apr 2016 00:26
Operator : UM/SJ
Sample : H2713-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-B6B9B11B15B10-C

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

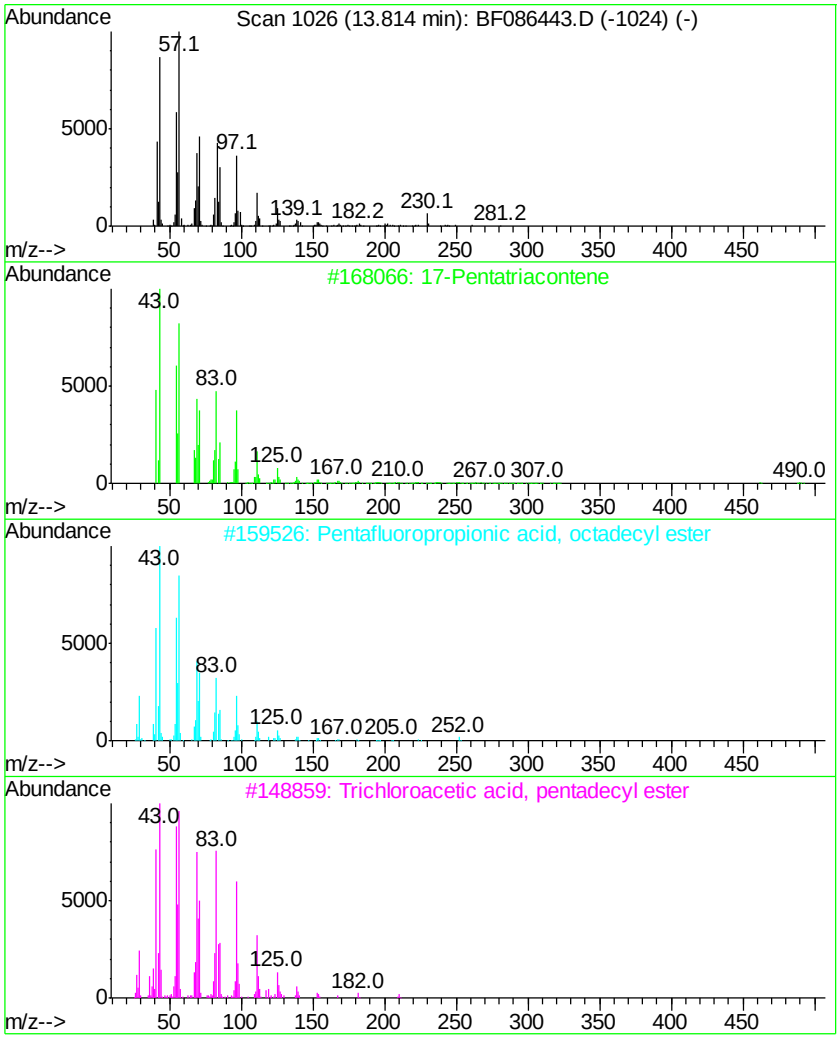
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

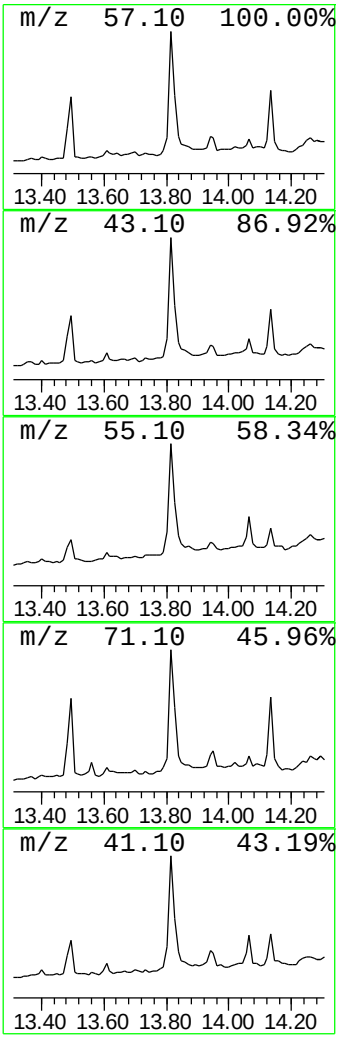
****

Peak Number 8 17-Pentatriacontene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	6.08 ng	421329	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	87
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	87
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	76
4	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	74
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086443.D
Acq On : 28 Apr 2016 00:26
Operator : UM/SJ
Sample : H2713-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-B6B9B11B15B10-C

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

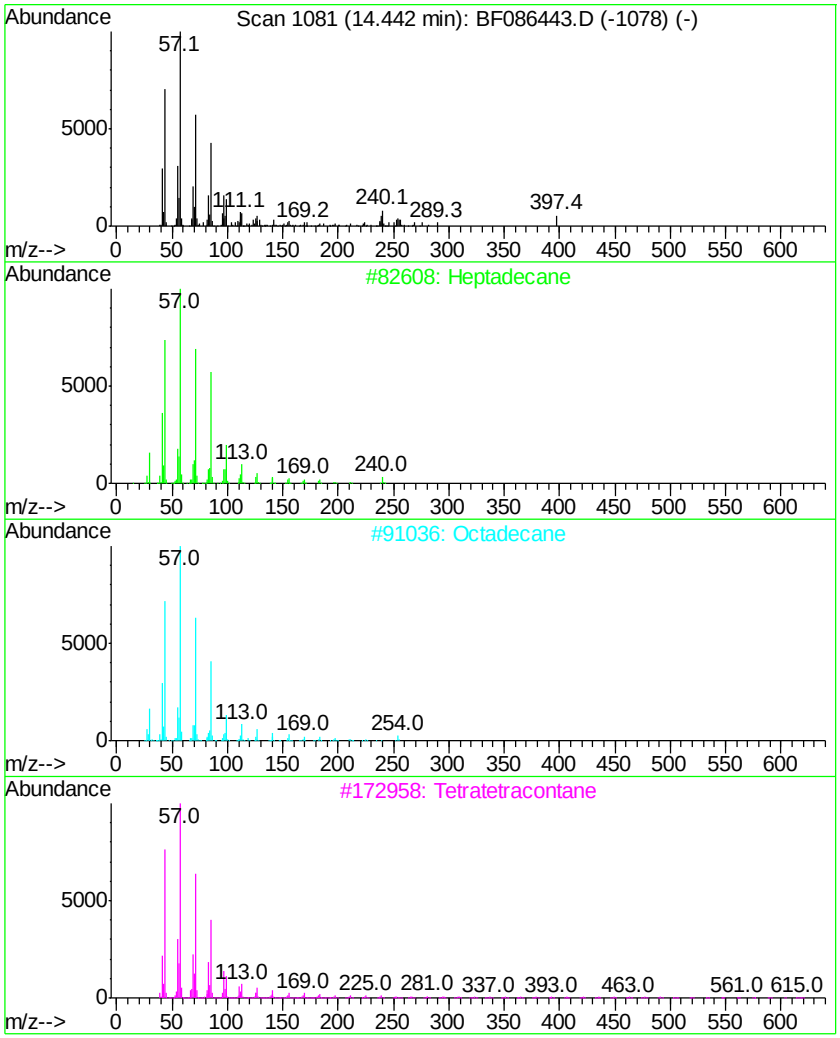
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

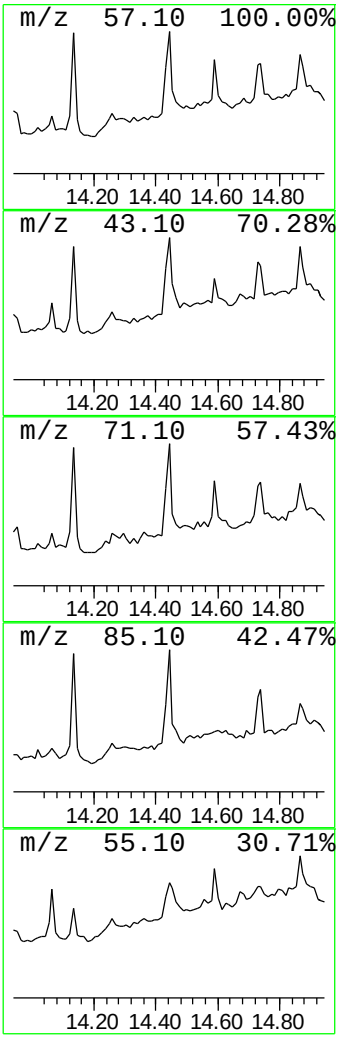
****

Peak Number 9 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	3.14 ng	217342	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Octadecane	254	C18H38	000593-45-3	90
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Tritetracontane	605	C43H88	007098-21-7	83
5	Tetratriacontane	479	C34H70	014167-59-0	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086443.D
Acq On : 28 Apr 2016 00:26
Operator : UM/SJ
Sample : H2713-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-B6B9B11B15B10-C

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

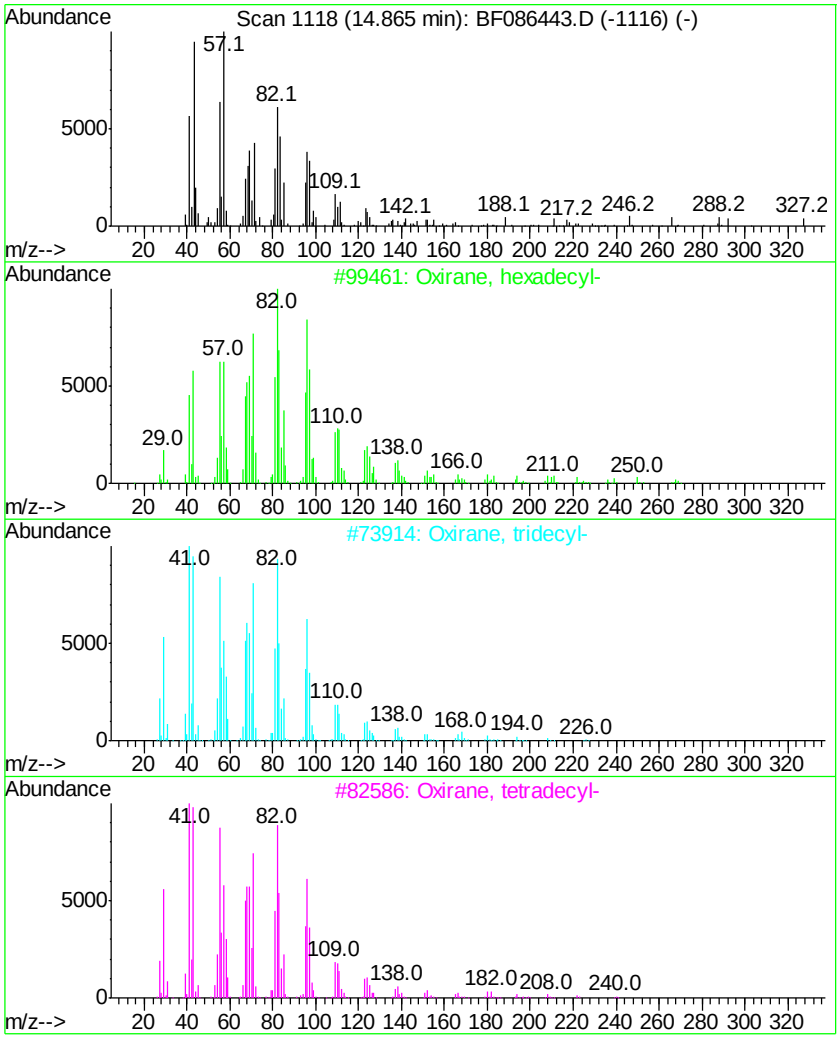
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

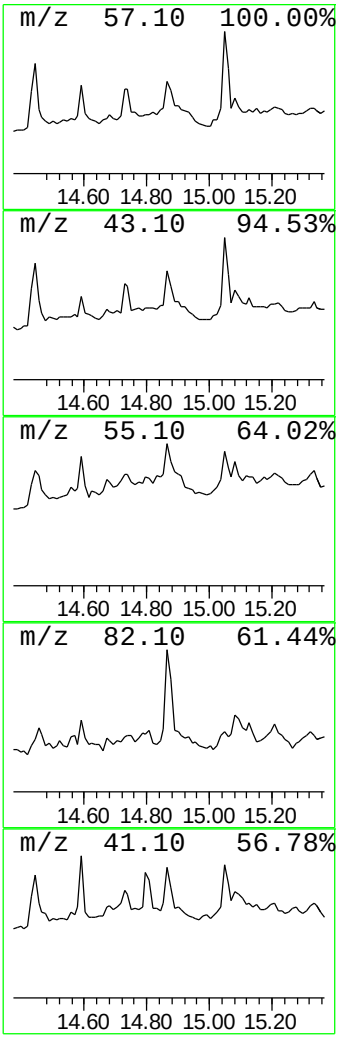
****

Peak Number 10 Oxirane, hexadecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.00 ng	78721	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
2	Oxirane, tridecyl-	226	C15H30O	018633-25-5	64
3	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	64
4	Octadecanal	268	C18H36O	000638-66-4	60
5	Pentadecanal-	226	C15H30O	002765-11-9	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086443.D
Acq On : 28 Apr 2016 00:26
Operator : UM/SJ
Sample : H2713-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-B6B9B11B15B10-C

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

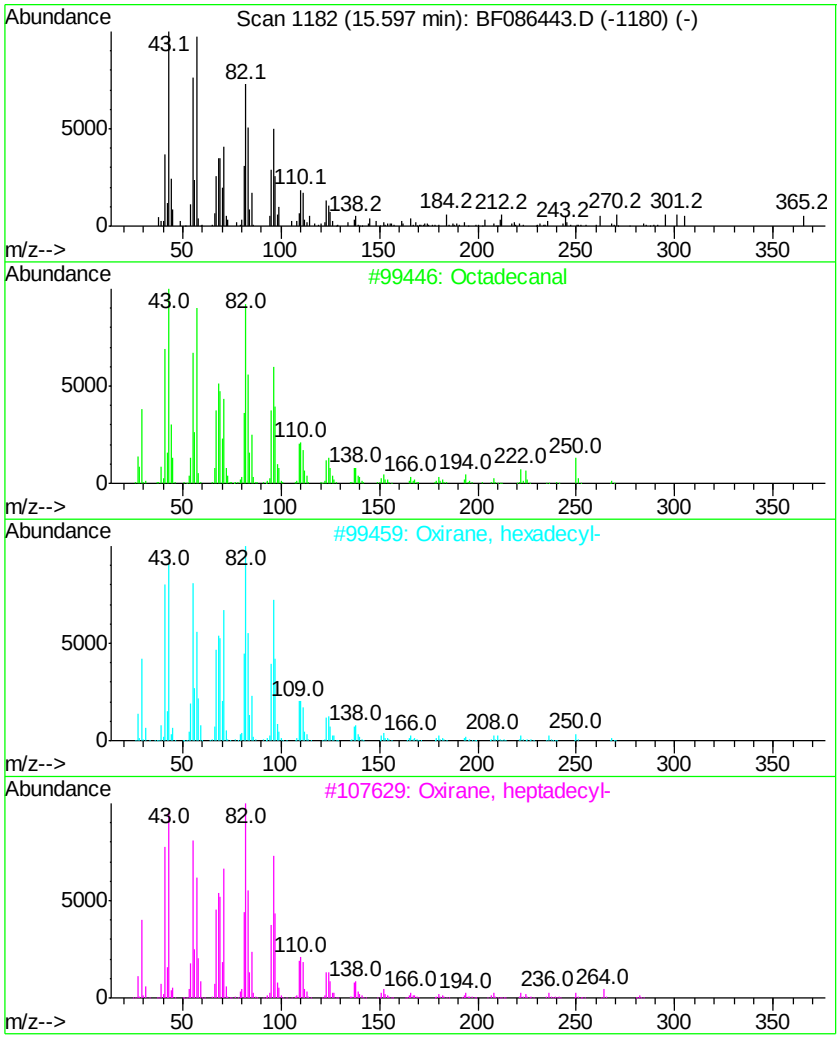
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

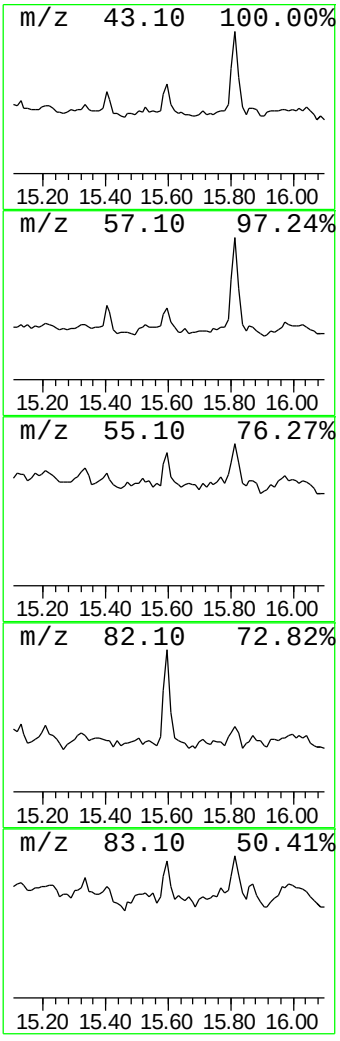
****

Peak Number 12 Octadecanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.89 ng	113749	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	94
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	74
4	16-Octadecenal	266	C18H34O	056554-87-1	72
5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	62





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086443.D
Acq On : 28 Apr 2016 00:26
Operator : UM/SJ
Sample : H2713-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EUT01-B6B9B11B15B10-C

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

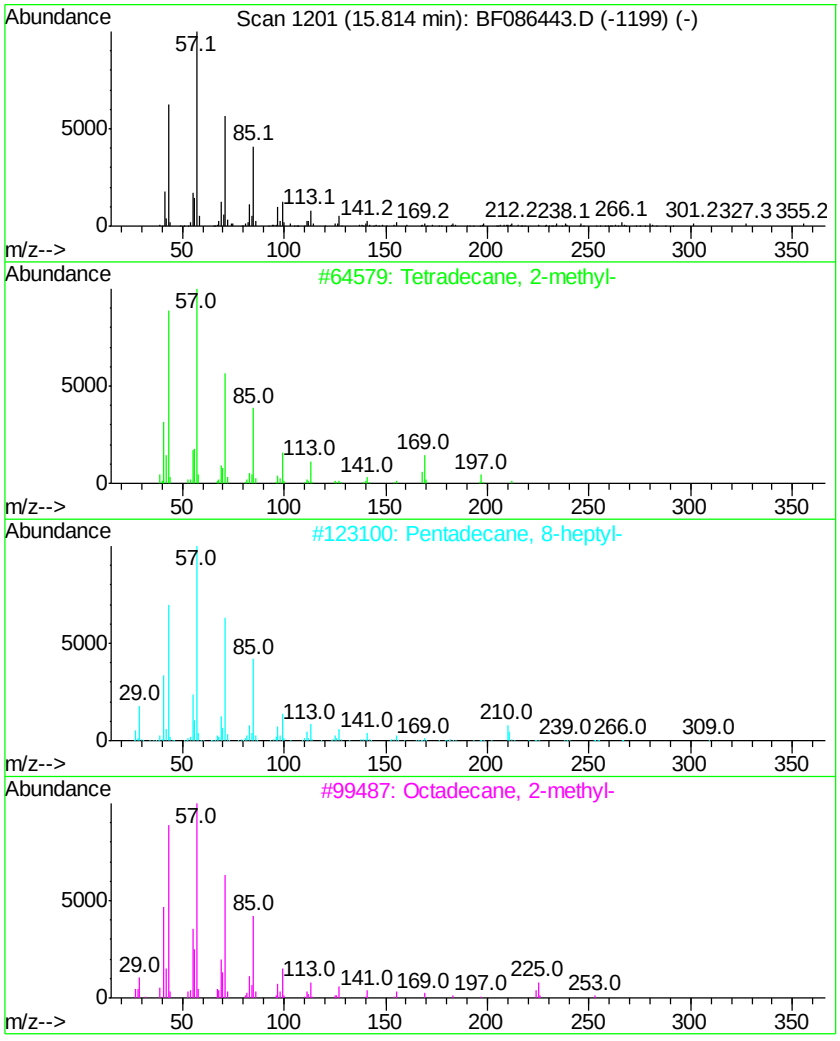
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

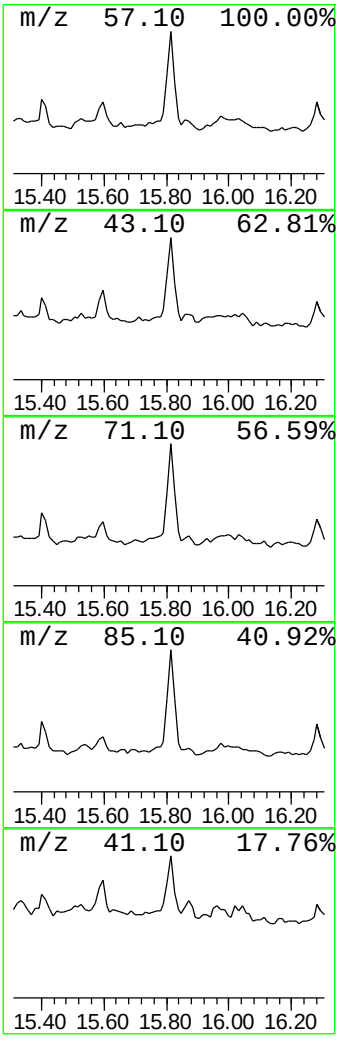
****

Peak Number 13 Tetradecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	5.57 ng	219042	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
Data File : BF086443.D
Acq On : 28 Apr 2016 00:26
Operator : UM/SJ
Sample : H2713-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EUT01-B6B9B11B15B10-C

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.98	4.0	ng	165638	1	6.81	823566	20.0
unknown6.58	6.58	74.9	ng	3083320	1	6.81	823566	20.0
Benzene, (1-nitro...	7.66	4.8	ng	232320	2	8.09	964829	20.0
Hexadecane	10.75	3.2	ng	130495	4	11.32	816228	20.0
Eicosane	11.20	2.2	ng	88993	4	11.32	816228	20.0
Tridecane, 6-propyl-	13.49	2.0	ng	141219	5	13.96	1386120	20.0
17-Pentatriacontene	13.81	6.1	ng	421329	5	13.96	1386120	20.0
Heptadecane	14.44	3.1	ng	217342	5	13.96	1386120	20.0
Oxirane, hexadecyl-	14.87	2.0	ng	78721	6	15.37	786486	20.0
Octadecanal	15.60	2.9	ng	113749	6	15.37	786486	20.0
Tetradecane, 2-me...	15.81	5.6	ng	219042	6	15.37	786486	20.0