LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088593.D
Acq On : 2 Jul 2016 00:37
Operator : UM/SJ
Sample : H3816-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07-COMP

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-BF063016.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	1.633	3	4	7	rVB	2373879	2917394	49.98%	8.506%
2	1.735	12	13	23	rVB	416056	701626	12.02%	2.046%
3	1.873	23	25	38	rVB	2679499	5837473	100.00%	17.020%
4	3.073	124	130	133	rBV	169596	457406	7.84%	1.334%
5	4.981	294	297	300	rBV	178930	264473	4.53%	0.771%
6	5.404	331	334	336	rBV	2481844	2658110	45.54%	7.750%
7	6.444	421	425	427	rBV	2197048	2866758	49.11%	8.359%
8	6.570	433	436	439	rBV	2176260	2456765	42.09%	7.163%
9	6.810	455	457	459	rBV	838004	796216	13.64%	2.322%
10	6.970	468	471	473	rVB	1486555	2094806	35.89%	6.108%
11	7.370	503	506	508	rBV	1772072	1665263	28.53%	4.855%
12	7.999	559	561	564	rBV	103640	91761	1.57%	0.268%
13	8.090	567	569	571	rBV	1213748	1024105	17.54%	2.986%
14	9.165	661	663	666	rBV	2072195	2820657	48.32%	8.224%
15	9.565	695	698	700	rBV	329077	319168	5.47%	0.931%
16	9.839	720	722	725	rBV	1078142	994044	17.03%	2.898%
17	10.628	788	791	793	rBV	1385115	1444293	24.74%	4.211%
18	11.199	839	841	843	rBV	83990	87774	1.50%	0.256%
19	11.314	849	851	854	rBV2	720413	829481	14.21%	2.419%
20	11.382	854	857	861	rVB3	31563	67340	1.15%	0.196%
21	11.634	877	879	881	rVB	57625	79537	1.36%	0.232%
22	12.056	912	916	919	rVB2	112229	134536	2.30%	0.392%
23	12.731	973	975	979	rBV	22443	60048	1.03%	0.175%
24	12.902	987	990	993	rBV	2158910	1996494	34.20%	5.821%
25	13.817	1068	1070	1078	rBV	82747	135693	2.32%	0.396%
26	13.942	1078	1081	1085	rBV	887116	814723	13.96%	2.375%
27	15.085	1179	1181	1188	rBV4	25300	63438	1.09%	0.185%
28	15.348	1201	1204	1206	rBV	455867	617617	10.58%	1.801%

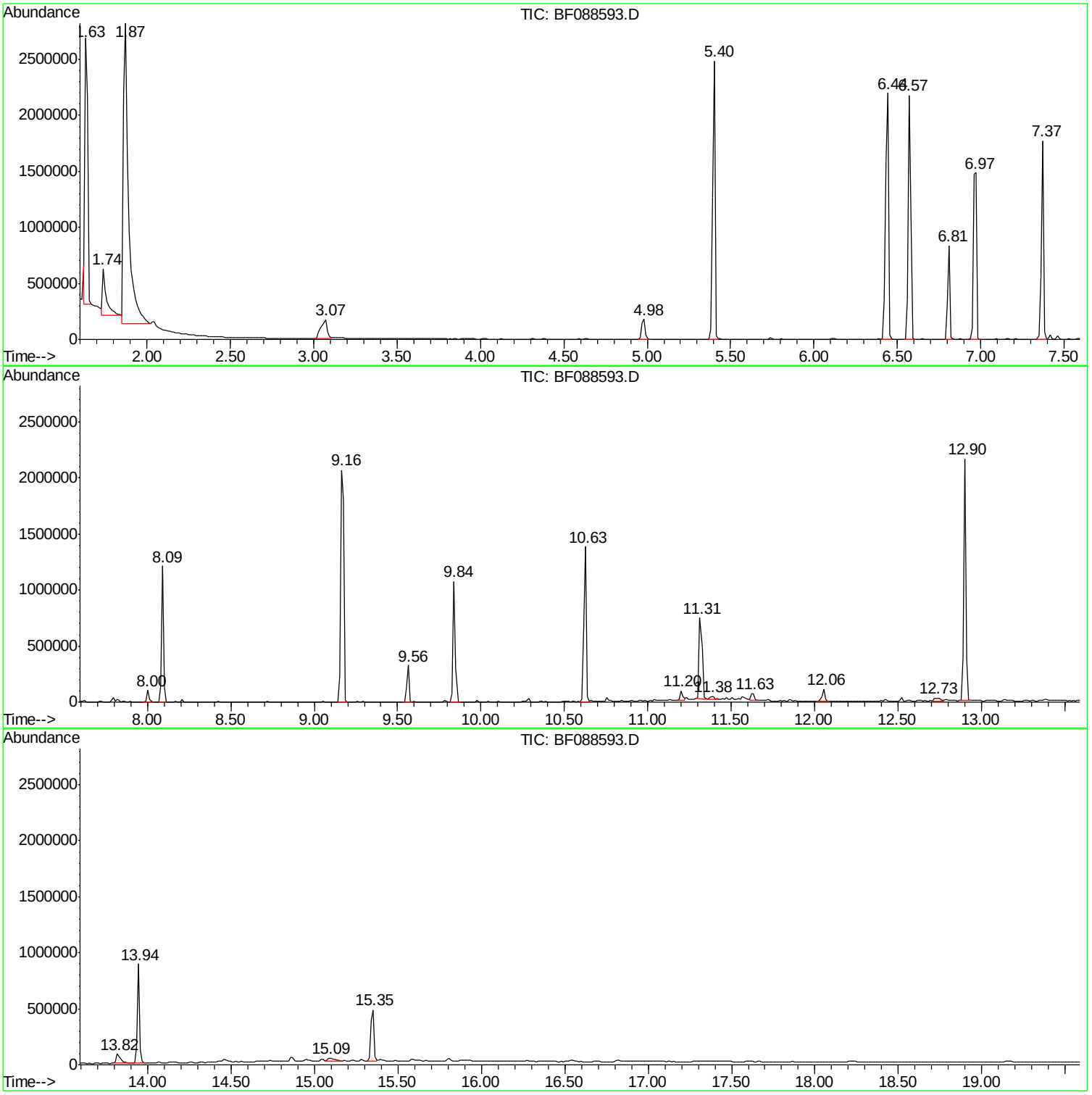
Sum of corrected areas: 34296999

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088593.D
Acq On : 2 Jul 2016 00:37
Operator : UM/SJ
Sample : H3816-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088593.D
Acq On : 2 Jul 2016 00:37
Operator : UM/SJ
Sample : H3816-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

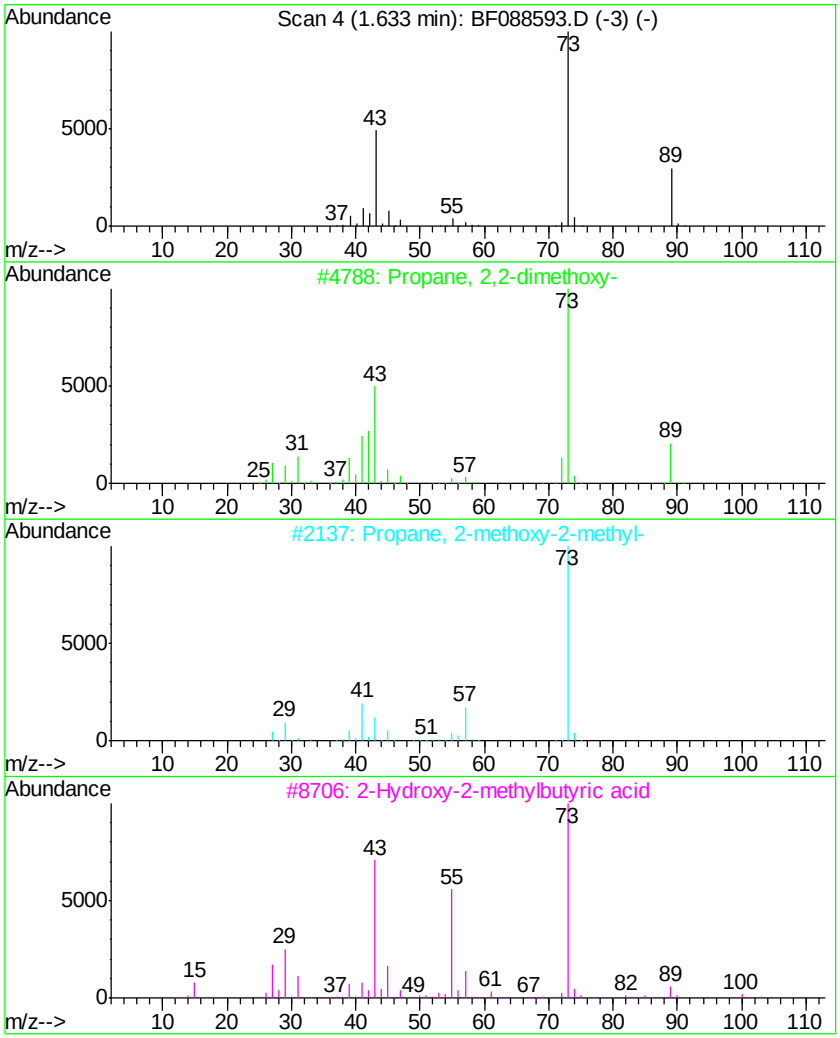
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

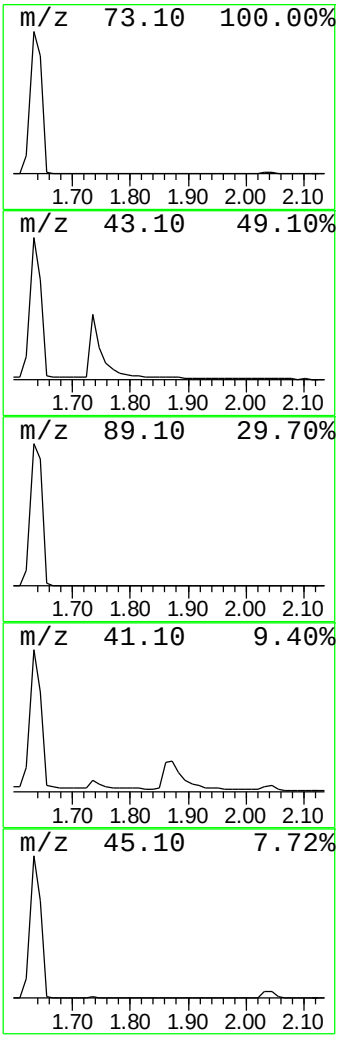
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.63	73.28 ng	2917390	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088593.D
Acq On : 2 Jul 2016 00:37
Operator : UM/SJ
Sample : H3816-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

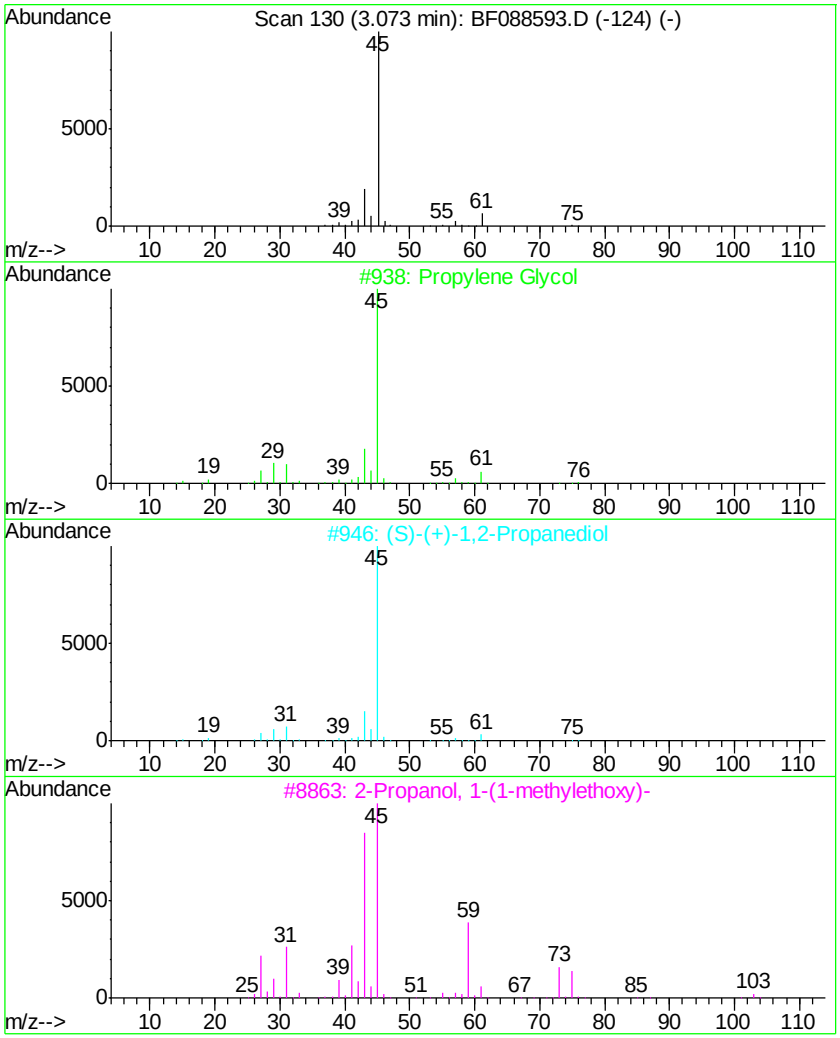
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

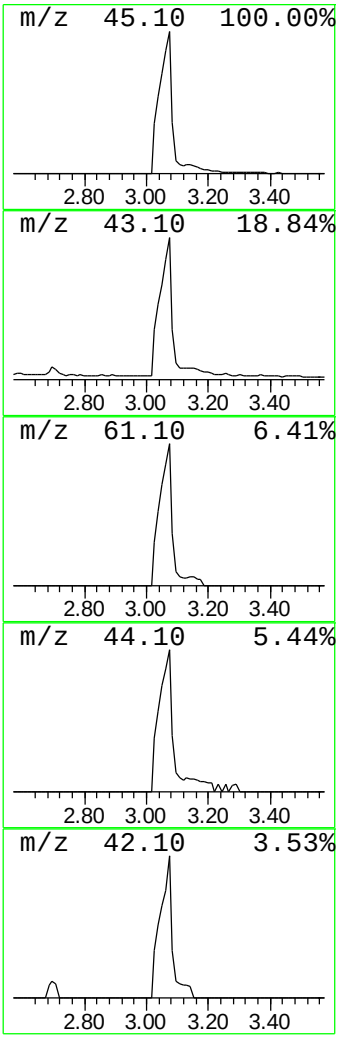
****

Peak Number 4 Propylene Glycol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	11.49 ng	457406	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	90
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	9
4	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088593.D
Acq On : 2 Jul 2016 00:37
Operator : UM/SJ
Sample : H3816-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

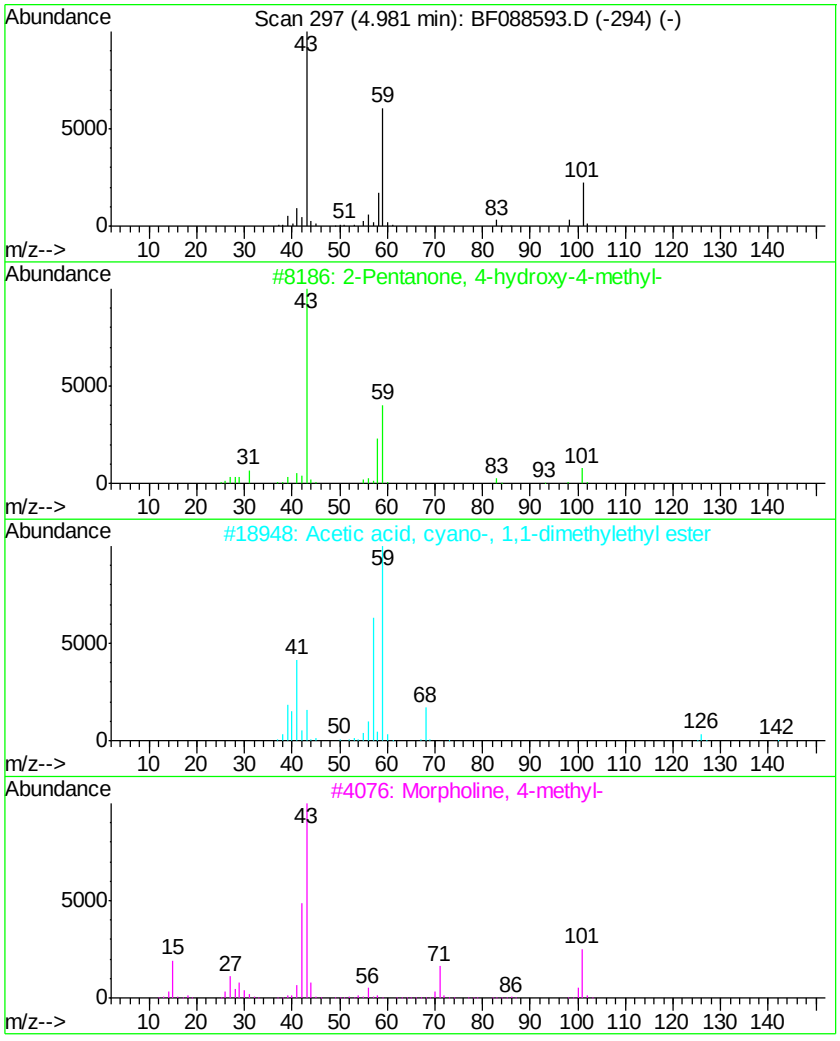
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

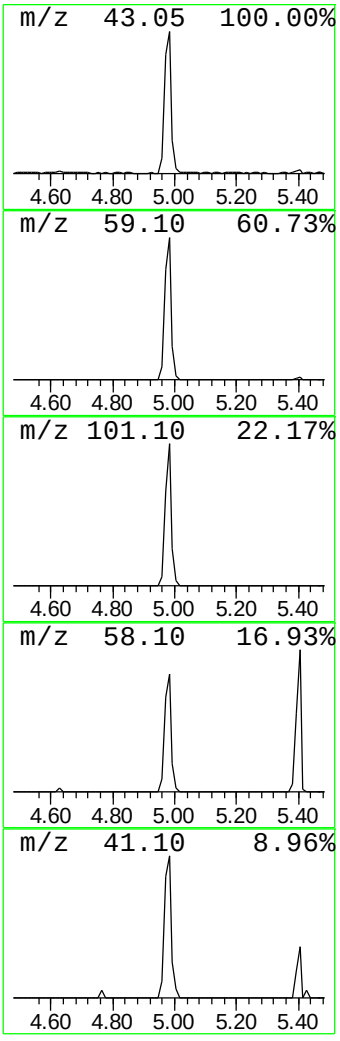
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	6.64 ng	264473	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	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088593.D
Acq On : 2 Jul 2016 00:37
Operator : UM/SJ
Sample : H3816-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

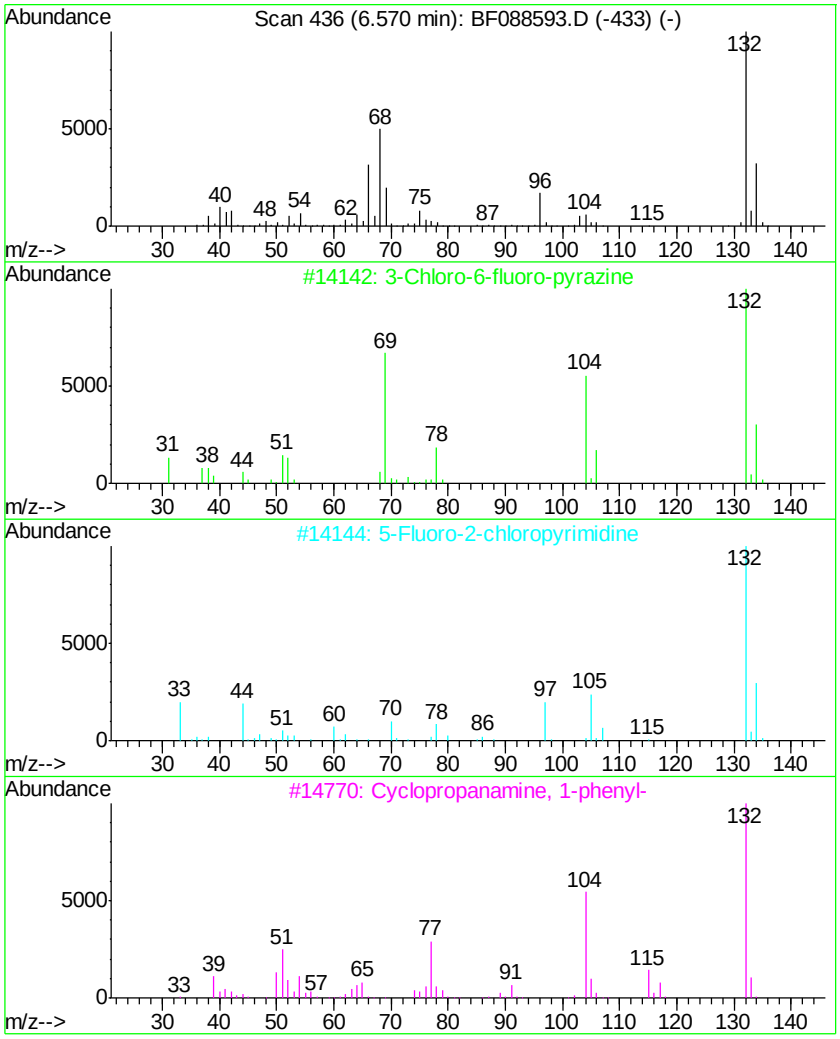
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

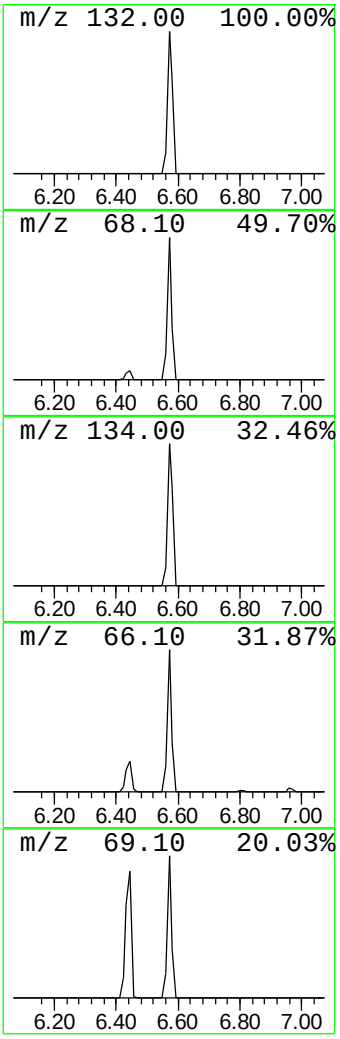
****

Peak Number 6 unknown6.57 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	61.71 ng	2456770	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	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088593.D
Acq On : 2 Jul 2016 00:37
Operator : UM/SJ
Sample : H3816-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

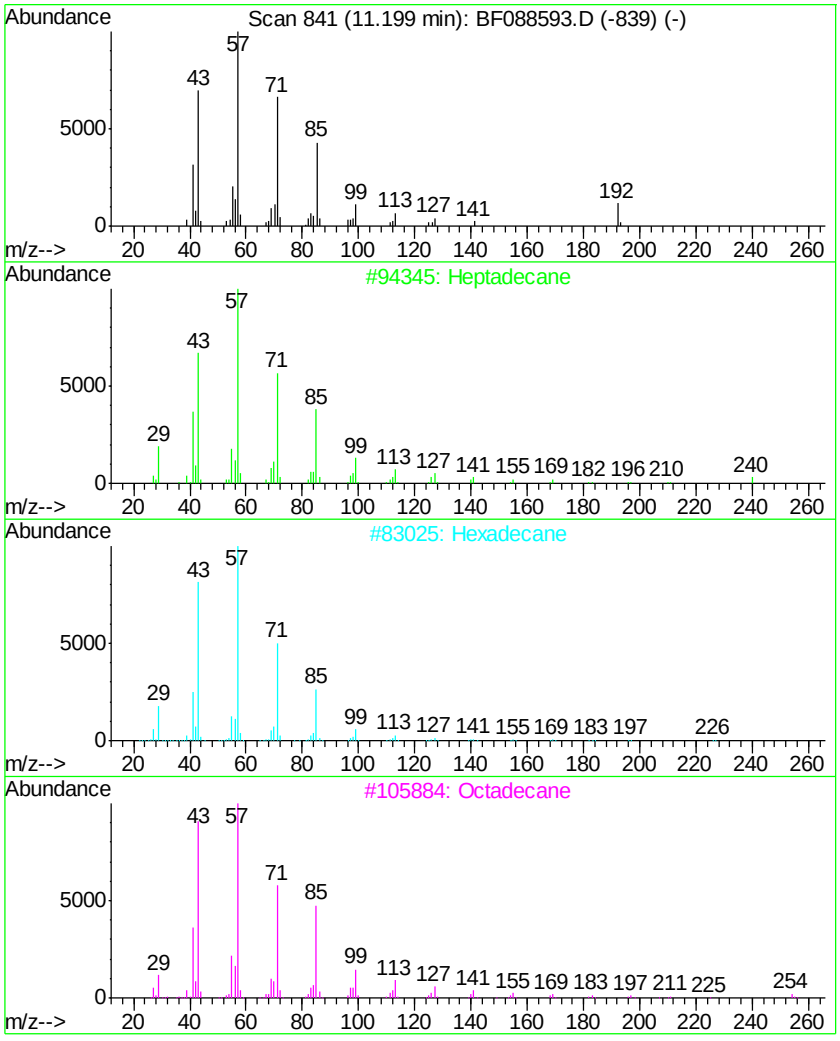
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

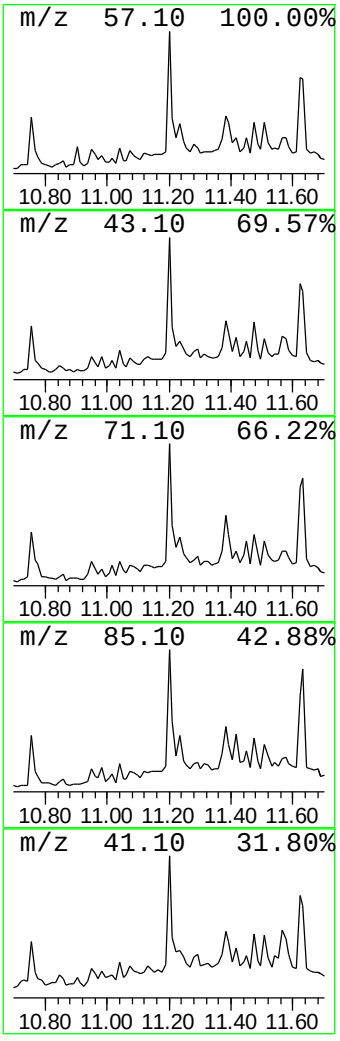
****

Peak Number 8 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	2.12 ng	87774	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Octadecane	254	C18H38	000593-45-3	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Tetradecane	198	C14H30	000629-59-4	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088593.D
Acq On : 2 Jul 2016 00:37
Operator : UM/SJ
Sample : H3816-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

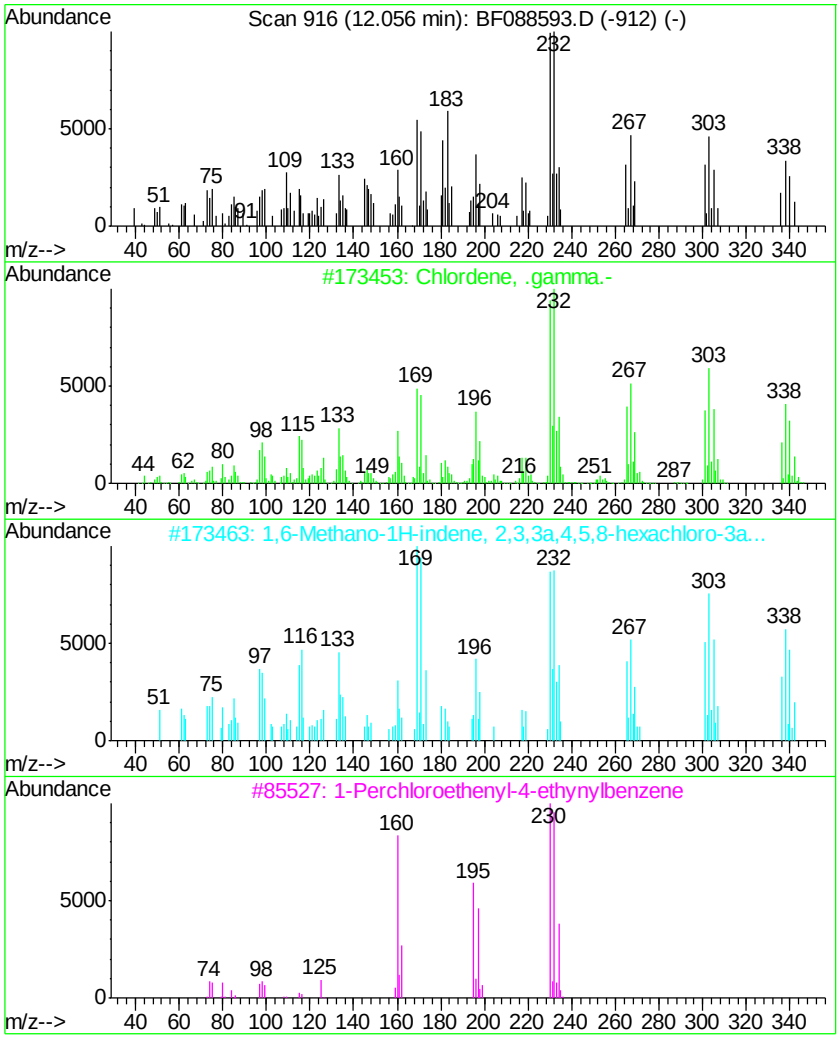
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

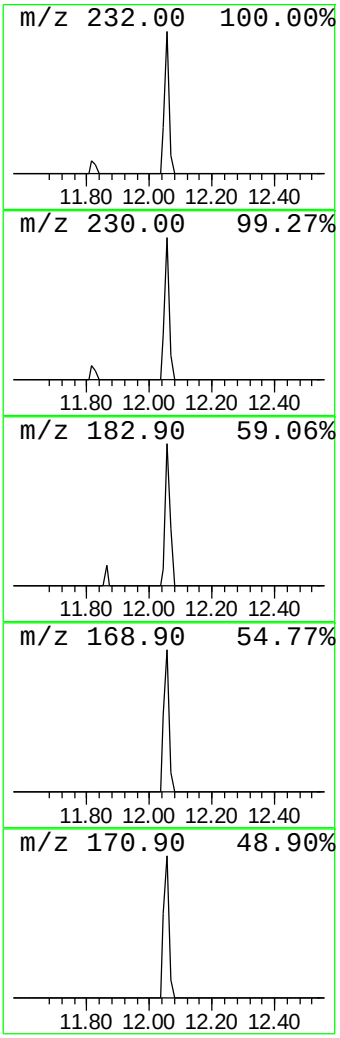
****

Peak Number 9 Chlordene, .gamma.- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	3.24 ng	134536	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chlordene, .gamma.-	336	C10H6Cl6	1000378-50-6	99
2	1,6-Methano-1H-indene, 2,3,3a,4,...	336	C10H6Cl6	056641-38-4	94
3	1-Perchloroethenyl-4-ethynylbenzene	230	C10H5Cl3	1000283-76-9	89
4	.beta.-Chlordene	336	C10H6Cl6	056534-03-3	87
5	Chlordene, .alpha.- (cis)	336	C10H6Cl6	1000378-50-5	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088593.D
Acq On : 2 Jul 2016 00:37
Operator : UM/SJ
Sample : H3816-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

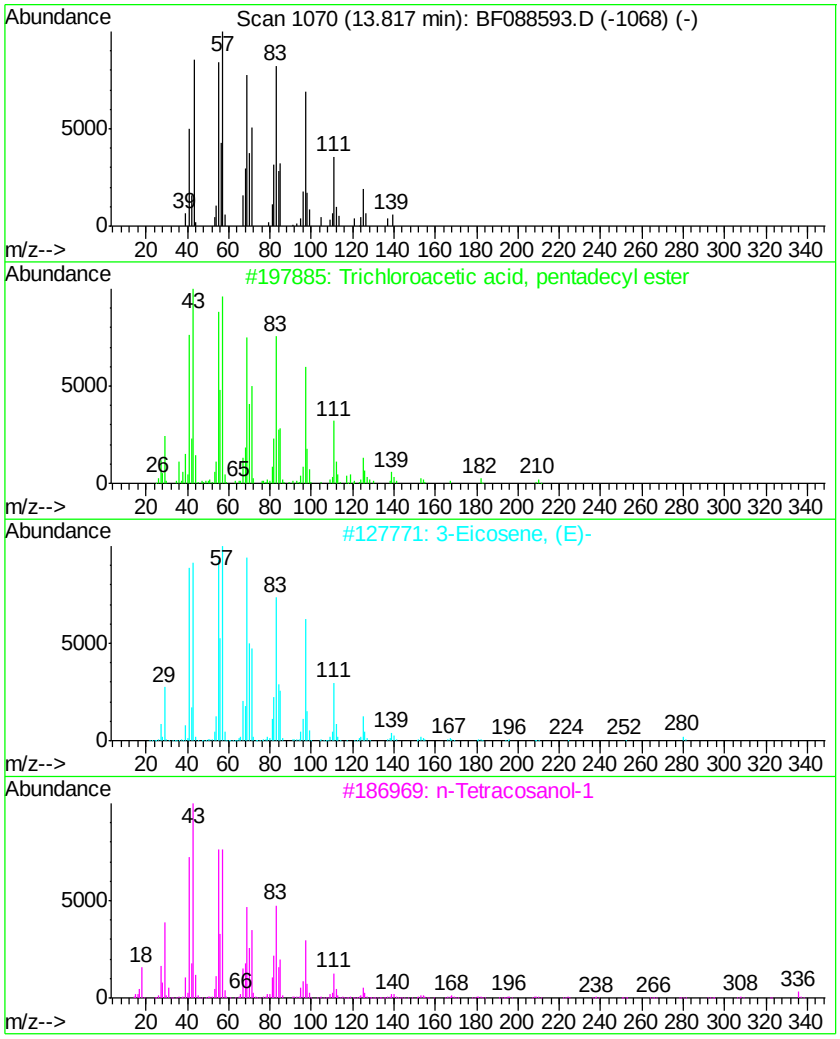
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

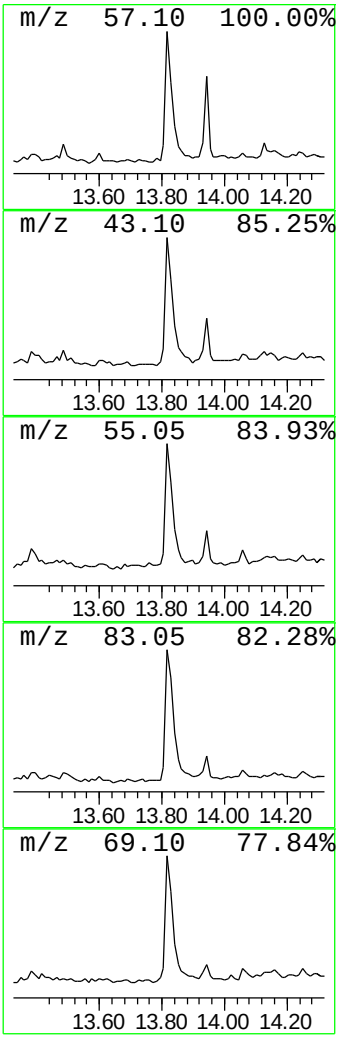
****

Peak Number 10 Trichloroacetic acid, penta... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	3.33 ng	135693	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	87
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088593.D
Acq On : 2 Jul 2016 00:37
Operator : UM/SJ
Sample : H3816-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

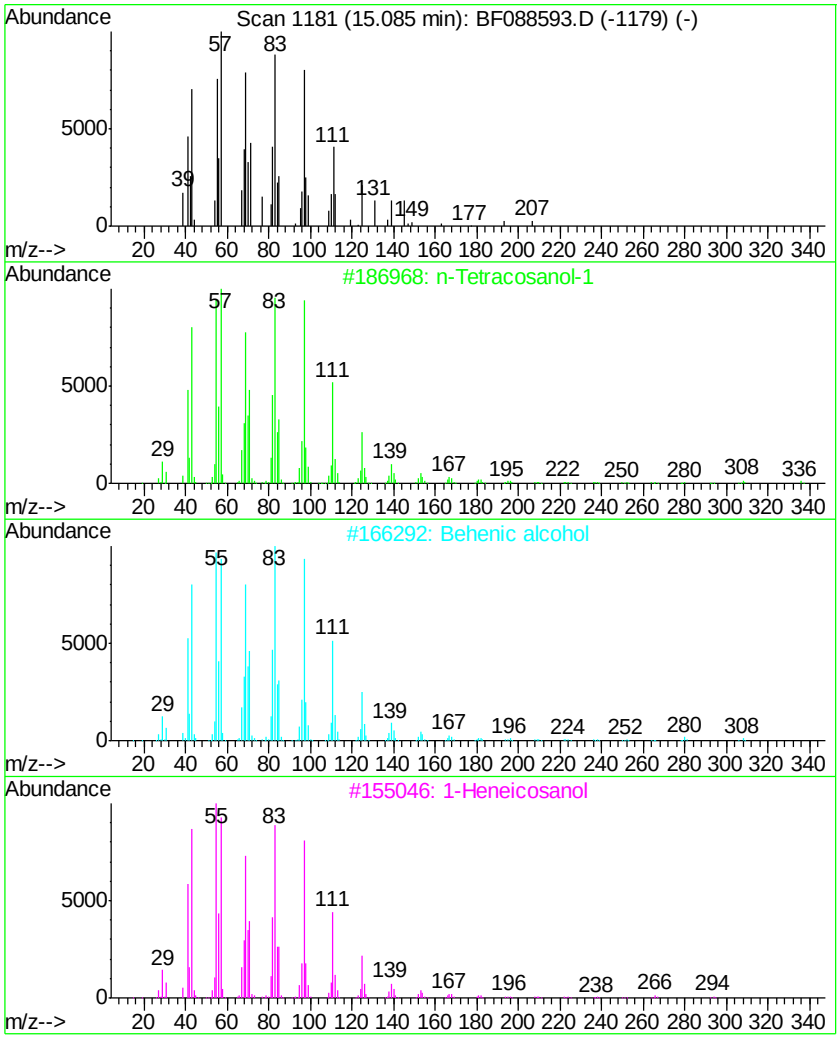
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

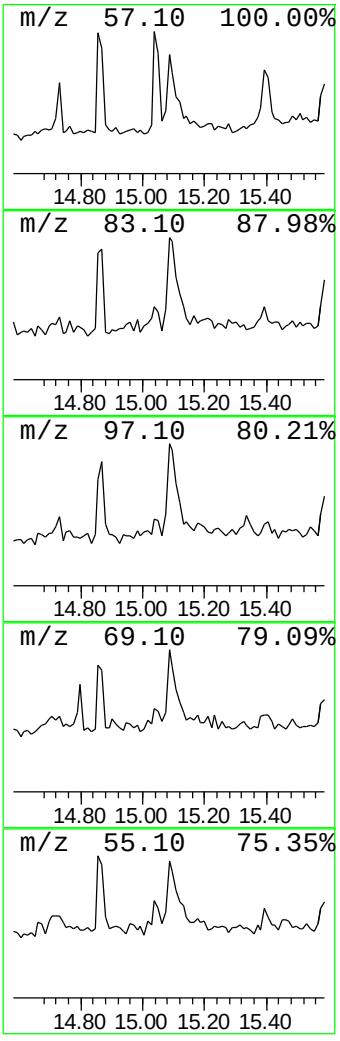
****

Peak Number 11 n-Tetracosanol-1 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	2.05 ng	63438	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088593.D
Acq On : 2 Jul 2016 00:37
Operator : UM/SJ
Sample : H3816-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	1.63	73.3	ng	2917390	1	6.81	796216	20.0
Propylene Glycol	3.07	11.5	ng	457406	1	6.81	796216	20.0
2-Pentanone, 4-hy...	4.98	6.6	ng	264473	1	6.81	796216	20.0
unknown6.57	6.57	61.7	ng	2456770	1	6.81	796216	20.0
Heptadecane	11.20	2.1	ng	87774	4	11.31	829481	20.0
Chlordene, .gamma.-	12.06	3.2	ng	134536	4	11.31	829481	20.0
Trichloroacetic a...	13.82	3.3	ng	135693	5	13.94	814723	20.0
n-Tetracosanol-1	15.09	2.1	ng	63438	6	15.35	617617	20.0