LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121318\
Data File : BF111370.D
Acq On : 13 Dec 2018 14:56
Operator : JU/SJ
Sample : J6210-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-2-112918

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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	3.204	188	190	204	rBV	126800	263610	3.56%	0.458%
2	4.998	487	495	506	rBV	245916	364072	4.91%	0.632%
3	5.416	560	566	569	rBV	5073875	5452427	73.56%	9.464%
4	6.434	733	739	756	rBV	5532596	6260509	84.47%	10.866%
5	6.563	757	761	765	rBV	5767707	5729990	77.31%	9.945%
6	6.792	796	800	808	rBV	1431876	1148041	15.49%	1.993%
7	6.951	823	827	830	rBV	5192330	4397168	59.33%	7.632%
8	7.351	890	895	898	rBV	3769548	3844115	51.87%	6.672%
9	8.075	1014	1018	1021	rBV	1826463	1509397	20.36%	2.620%
10	9.151	1196	1201	1204	rBV	7072670	6723590	90.72%	11.670%
11	9.545	1264	1268	1271	rBV	1446061	1209048	16.31%	2.099%
12	9.827	1312	1316	1320	rBV	2177235	1802919	24.33%	3.129%
13	10.616	1445	1450	1454	rBV	4320660	4257998	57.45%	7.391%
14	11.310	1564	1568	1575	rBV	2302493	1987873	26.82%	3.450%
15	11.845	1655	1659	1668	rBV	1237354	1174542	15.85%	2.039%
16	12.627	1789	1792	1799	rBV	609780	610694	8.24%	1.060%
17	12.904	1833	1839	1842	rBV	7088956	7411747	100.00%	12.864%
18	13.798	1987	1991	2001	rBV	299617	396568	5.35%	0.688%
19	13.945	2012	2016	2022	rBV	1953720	1740324	23.48%	3.021%
20	15.380	2255	2260	2266	rBV	1004979	1329554	17.94%	2.308%

Sum of corrected areas: 57614186

LSC Report - Integrated Chromatogram

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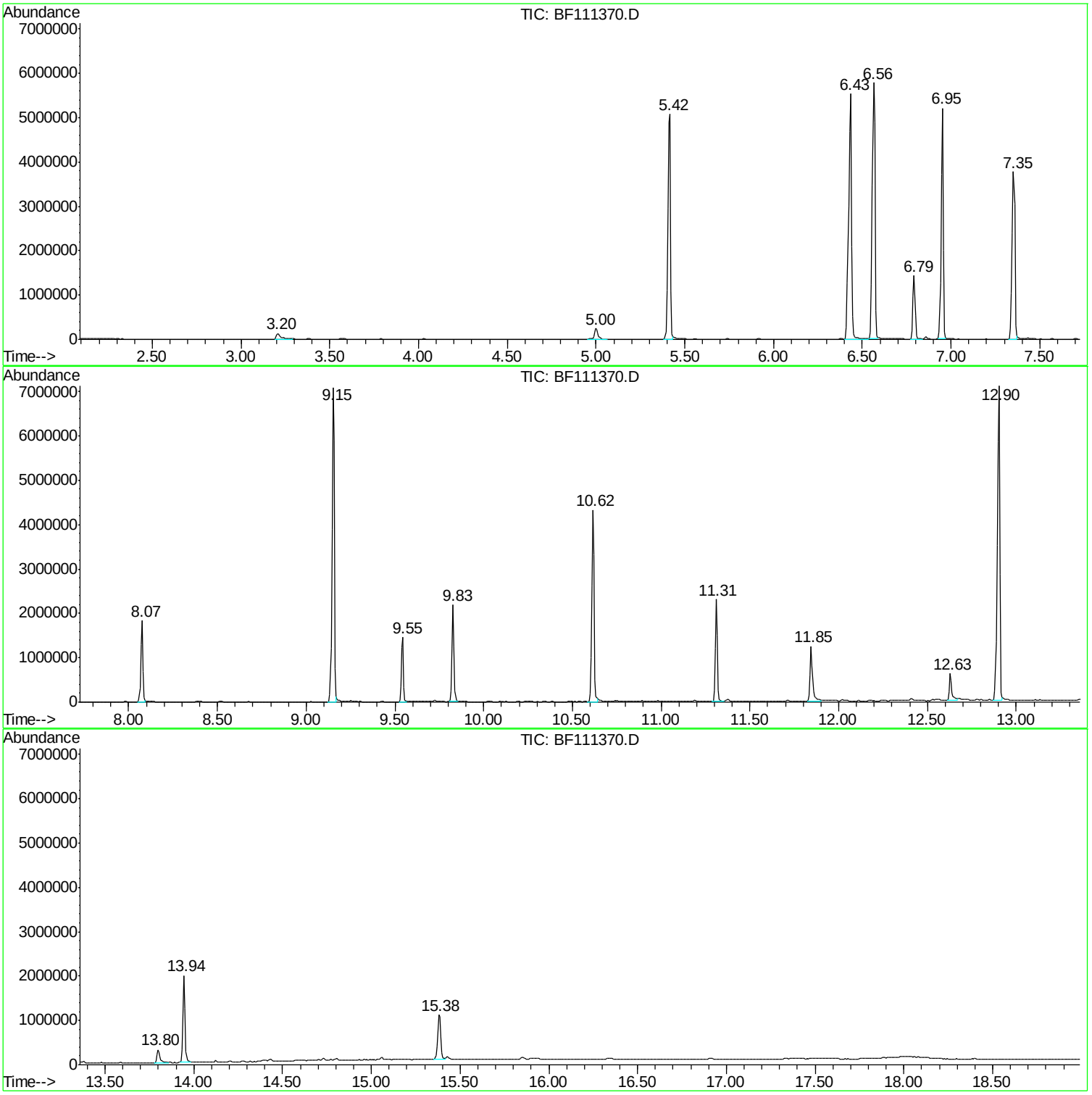
Operator : JU/SJ
Sample : J6210-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-2-112918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BF111370.D
Acq On : 13 Dec 2018 14:56
Operator : JU/SJ
Sample : J6210-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-2-112918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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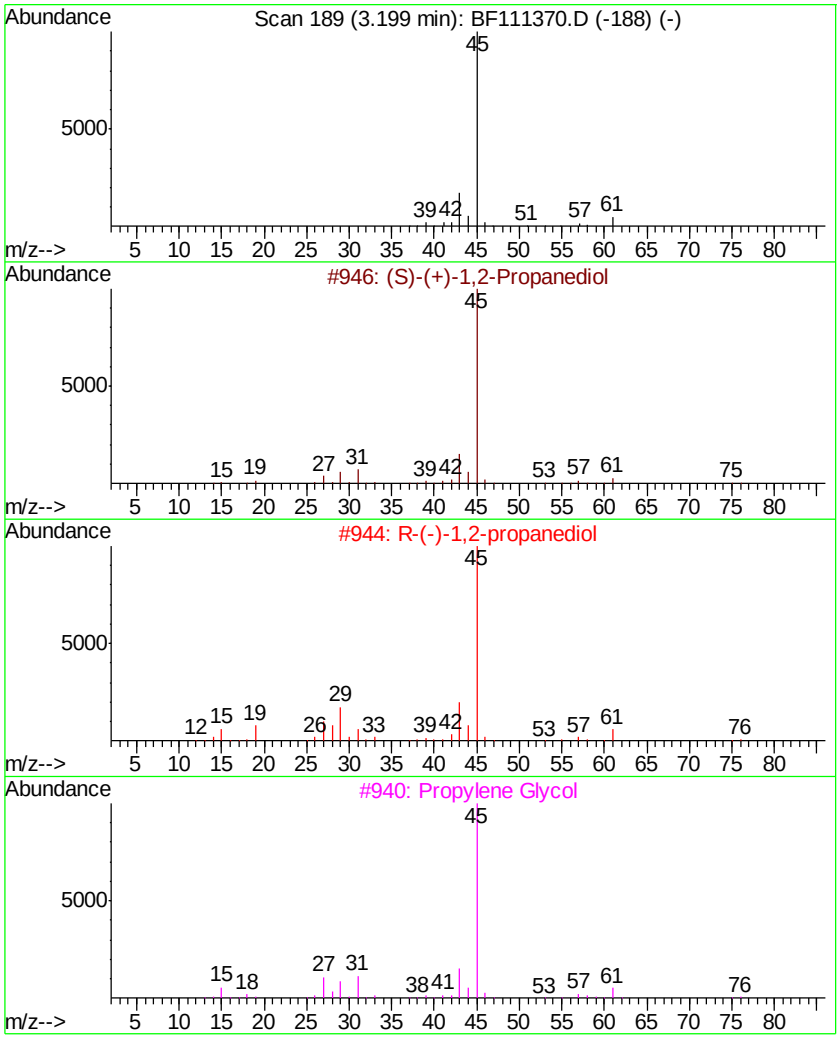
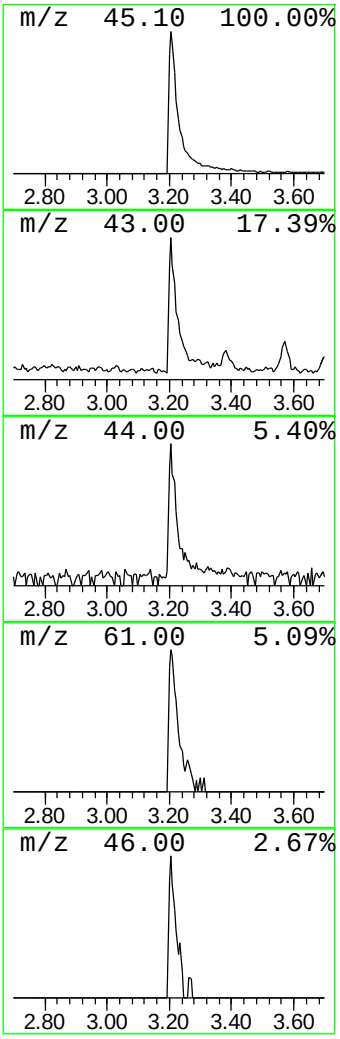
Peak Number 1 (S)-(+)-1,2-Propanediol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	4.59 ng	263610	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	43
3	Propylene Glycol	76	C3H8O2	000057-55-6	9
4	2-Butanol	74	C4H10O	000078-92-2	9
5	Butanenitrile, 2-(methoxymethoxy)	129	C6H11NO2	1000196-86-5	9





Library Search Compound Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-2-112918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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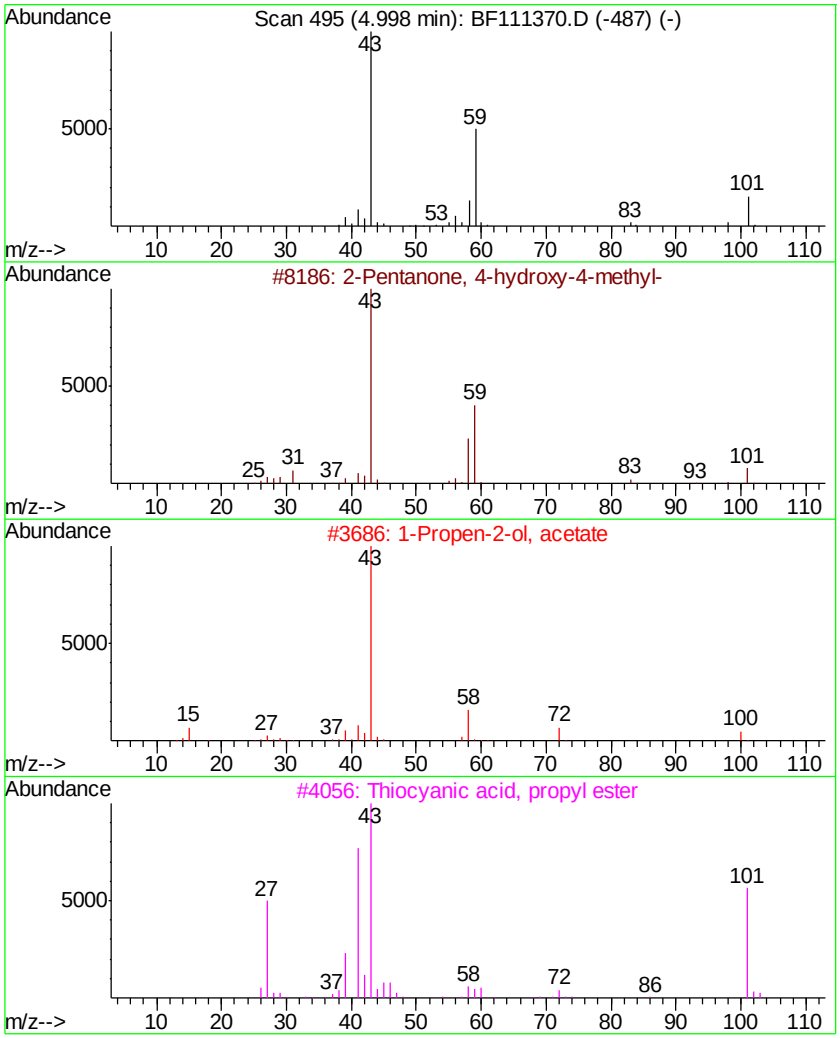
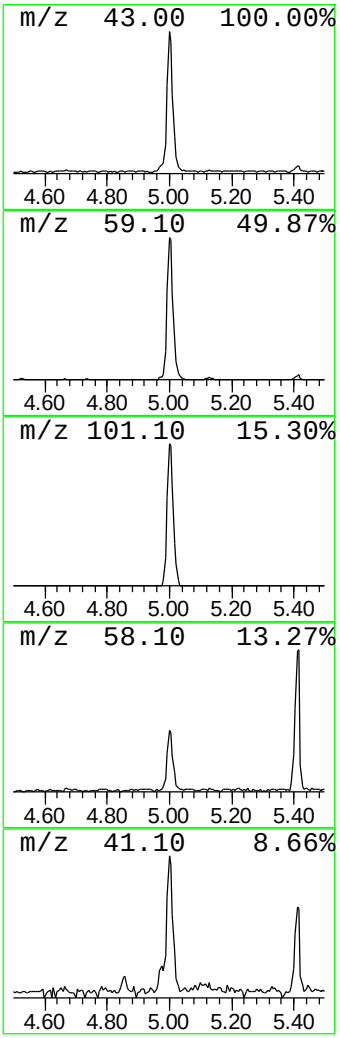
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	6.34 ng	364072	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
3	Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	7
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7
5	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	7





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Data File : BF111370.D
Acq On : 13 Dec 2018 14:56
Operator : JU/SJ
Sample : J6210-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-2-112918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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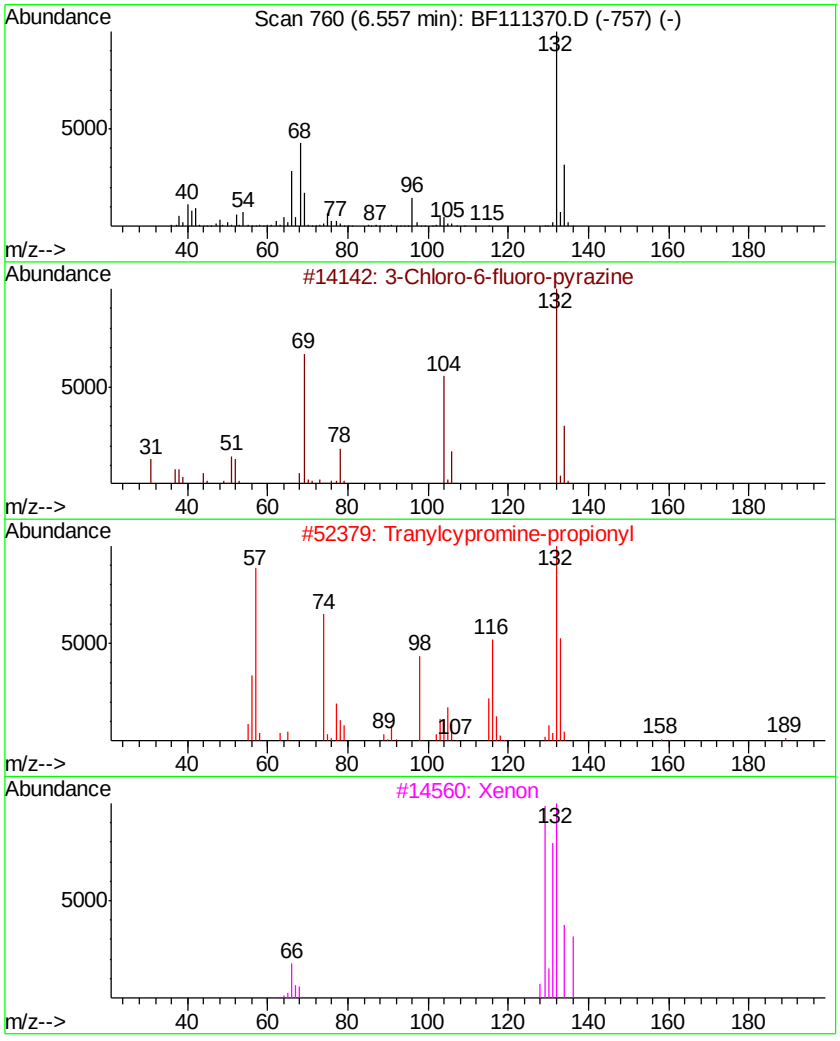
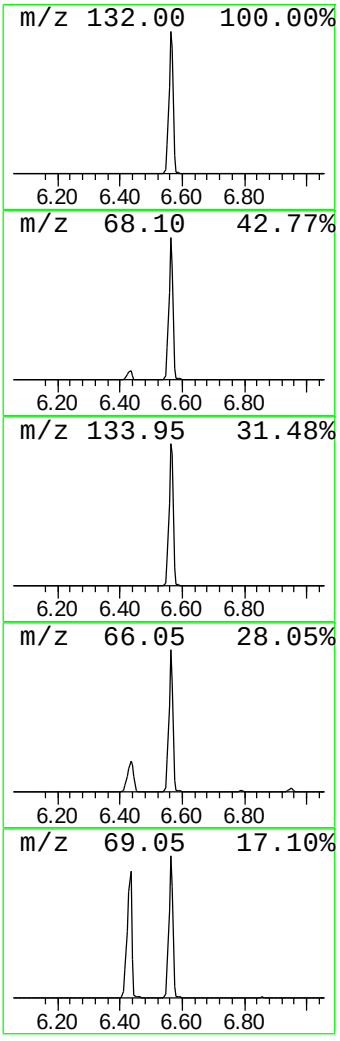
Peak Number 3 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	99.82 ng	5729990	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Xenon	132	Xe	007440-63-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Misc :
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Instrument : BNA_F
ClientSampleId : C-2-112918

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
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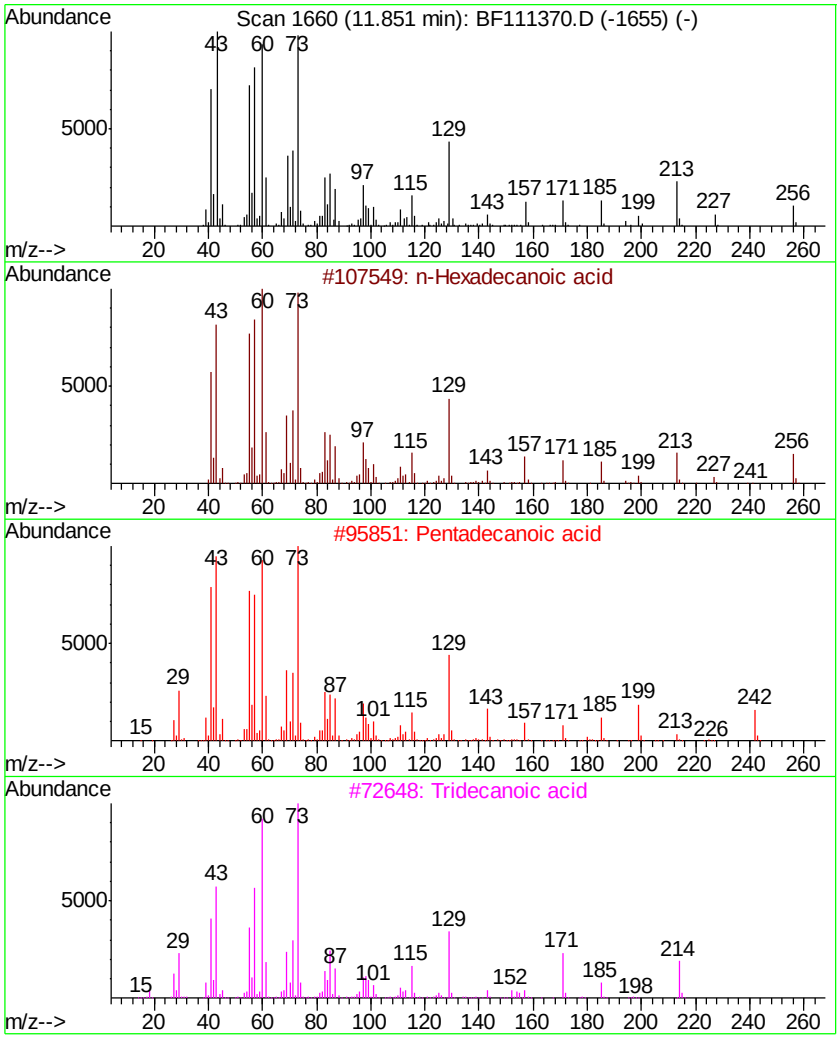
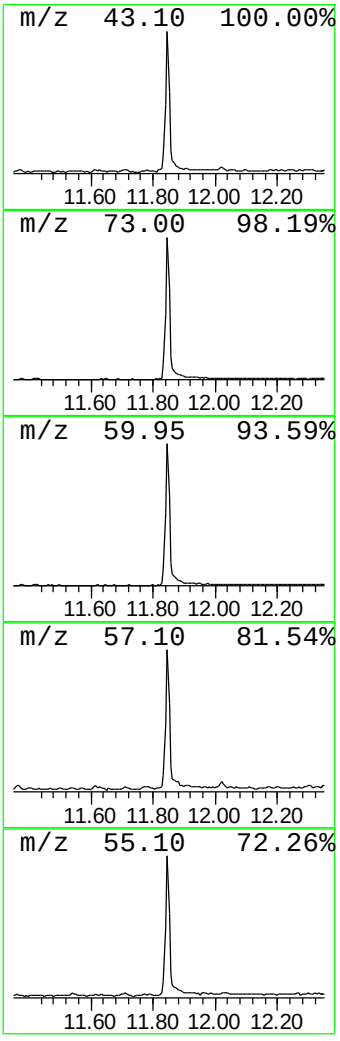
Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	11.82 ng	1174540	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





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Instrument : BNA_F
ClientSampleId : C-2-112918

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TIC Library : C:\DATABASE\NIST11.L
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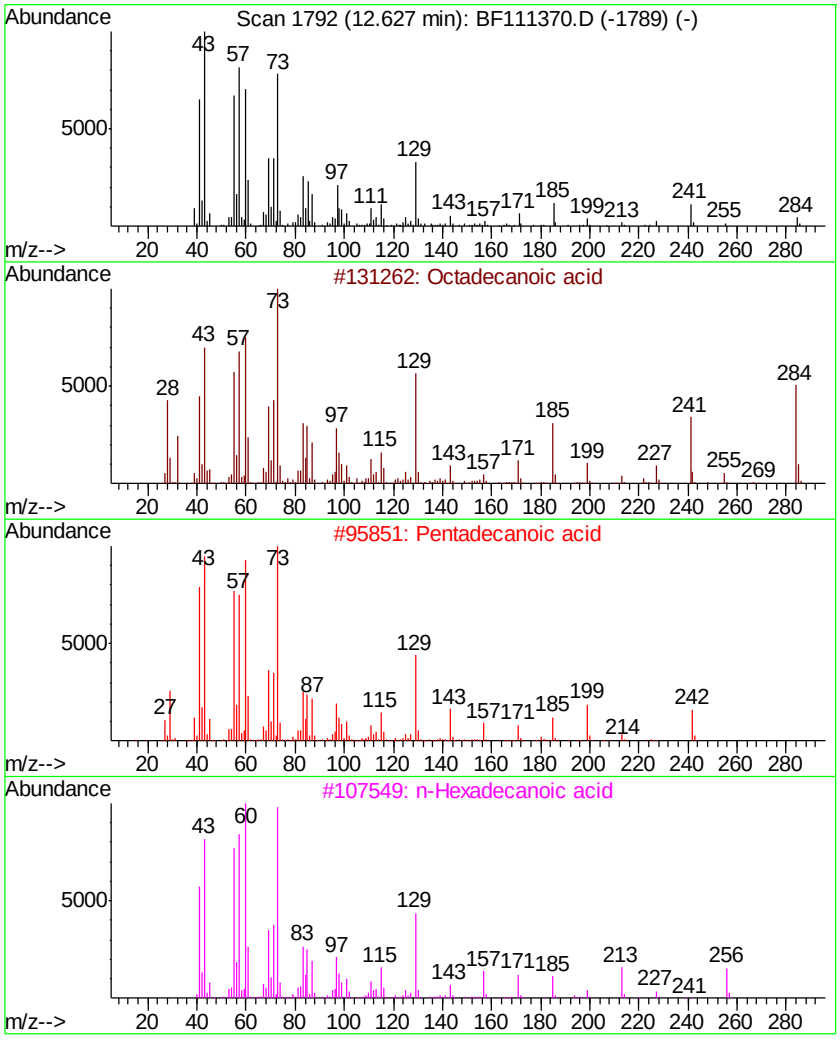
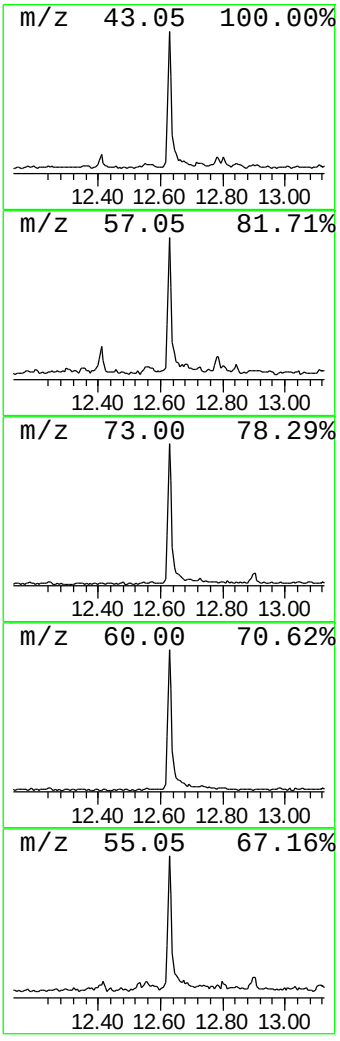
Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	6.14 ng	610694	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





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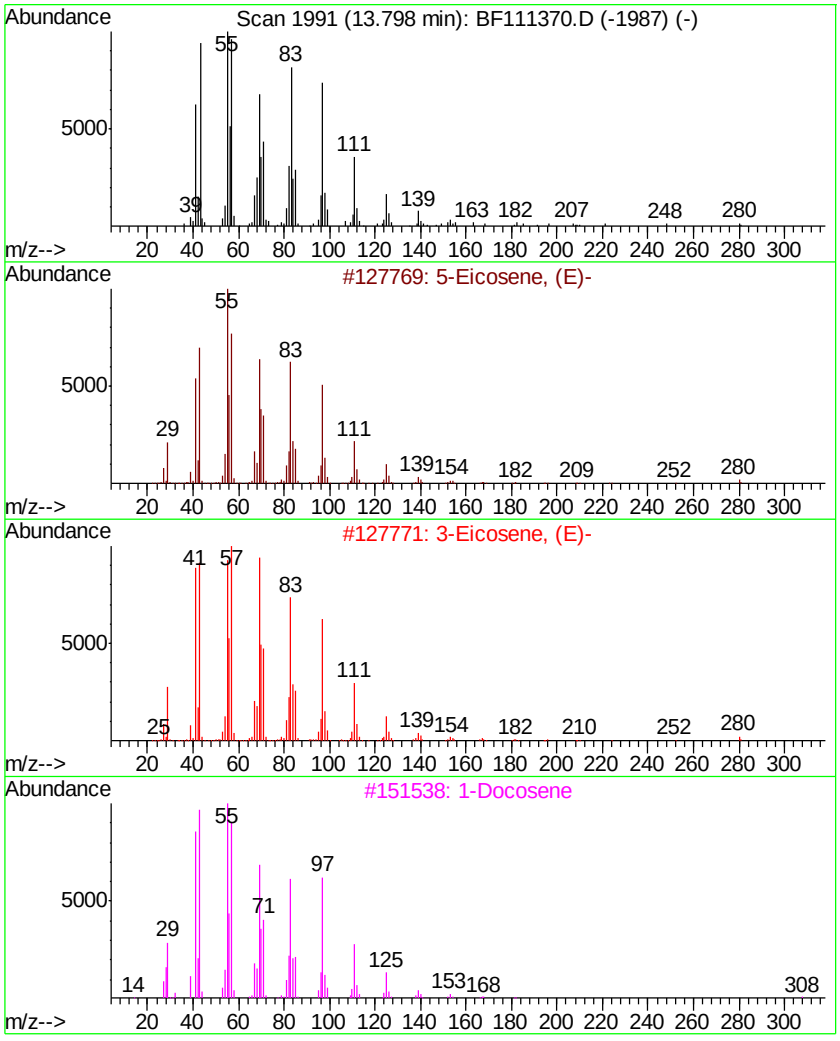
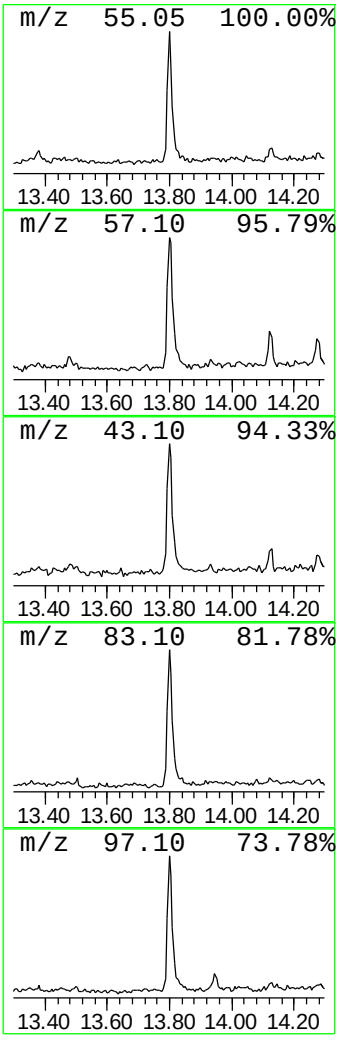
Peak Number 7 5-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	4.56 ng	396568	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
3	1-Docosene	308	C22H44	001599-67-3	94
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(S)-(+)-1,2-Propa...	3.20	4.6	ng	263610	1	6.79	1148040	20.0
2-Pentanone, 4-hy...	5.00	6.3	ng	364072	1	6.79	1148040	20.0
unknown6.56	6.56	99.8	ng	5729990	1	6.79	1148040	20.0
n-Hexadecanoic acid	11.85	11.8	ng	1174540	4	11.31	1987870	20.0
Octadecanoic acid	12.63	6.1	ng	610694	4	11.31	1987870	20.0
5-Eicosene, (E)-	13.80	4.6	ng	396568	5	13.94	1740320	20.0