LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121631.D
Acq On : 21 Sep 2020 17:35
Operator : JU/CG
Sample : L4059-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B33-091720-10-19

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-BF091020.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	5.445	565	571	574	rBV	4352926	4571645	73.05%	11.264%
2	6.457	737	743	746	rBV	4049714	4782421	76.42%	11.783%
3	6.645	772	775	787	rBV	149559	161916	2.59%	0.399%
4	6.816	800	804	807	rBV	1255757	974904	15.58%	2.402%
5	7.381	894	900	903	rBV	2950238	3404957	54.41%	8.389%
6	8.098	1018	1022	1026	rBV	1415350	1278496	20.43%	3.150%
7	9.180	1200	1206	1209	rBV	5190026	5746486	91.83%	14.158%
8	9.298	1221	1226	1238	rVB	353106	350671	5.60%	0.864%
9	9.575	1268	1273	1276	rBV	743736	634316	10.14%	1.563%
10	9.857	1316	1321	1325	rBV	1638196	1492044	23.84%	3.676%
11	10.651	1450	1456	1459	rBV	3263184	2981197	47.64%	7.345%
12	11.345	1569	1574	1577	rBV	1680899	1538091	24.58%	3.790%
13	11.886	1657	1666	1677	rBV	1077194	1332756	21.30%	3.284%
14	12.674	1794	1800	1810	rBV	1275871	1575380	25.17%	3.881%
15	12.751	1810	1813	1816	rVB	105329	95247	1.52%	0.235%
16	12.945	1839	1846	1852	rBV	5417287	6257997	100.00%	15.419%
17	13.480	1933	1937	1940	rBV	89922	89521	1.43%	0.221%
18	13.857	1996	2001	2011	rBV2	294186	640038	10.23%	1.577%
19	13.986	2018	2023	2027	rBV	1341753	1400612	22.38%	3.451%
20	14.621	2128	2131	2136	rVB	110633	102933	1.64%	0.254%
21	14.845	2166	2169	2173	rBV2	62107	70468	1.13%	0.174%
22	15.109	2211	2214	2218	rVB	58476	67031	1.07%	0.165%
23	15.451	2267	2272	2276	rBV	840473	1037963	16.59%	2.557%

Sum of corrected areas: 40587090

LSC Report - Integrated Chromatogram

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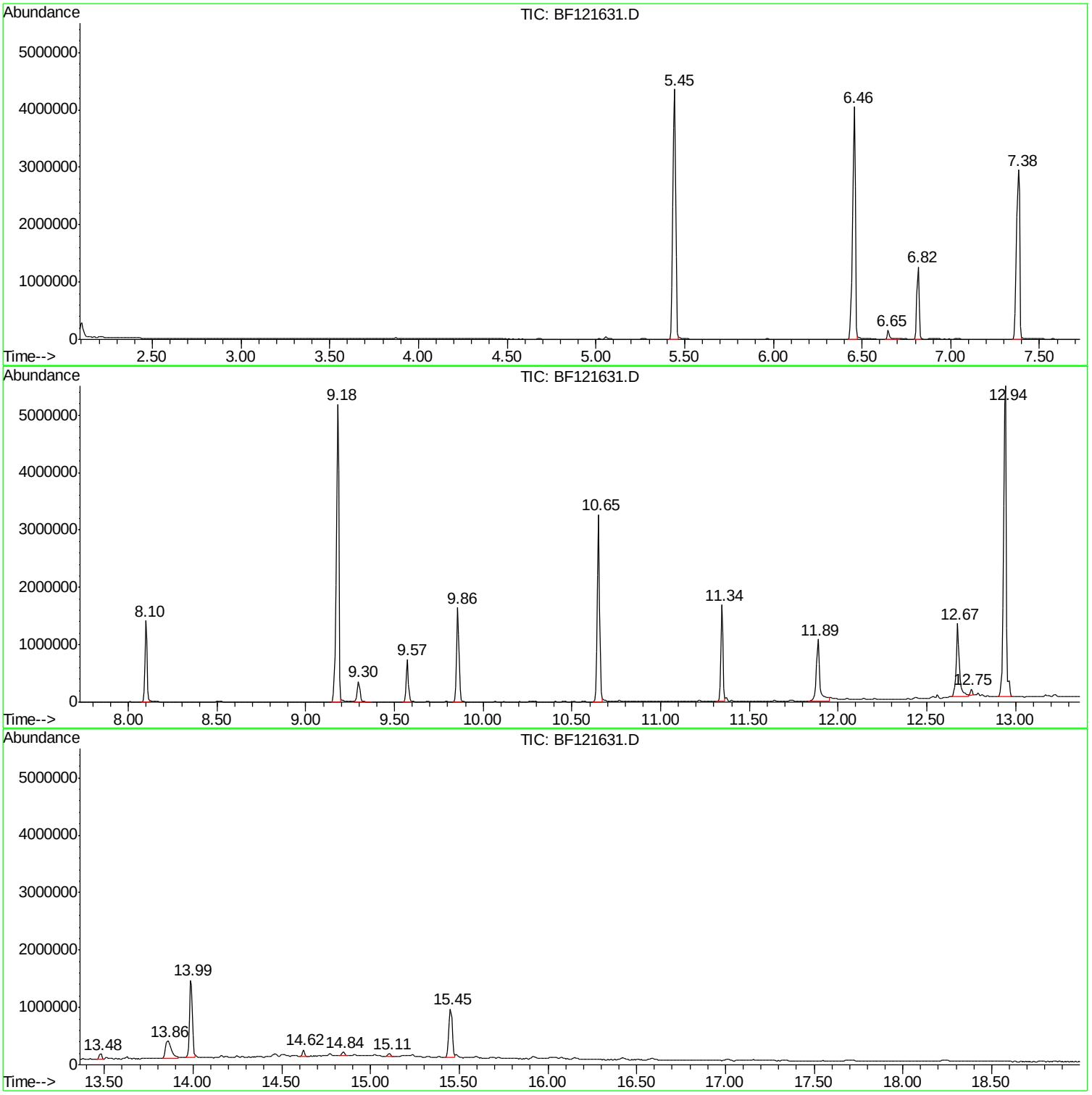
Sample : L4059-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B33-091720-10-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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

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Data File : BF121631.D
Acq On : 21 Sep 2020 17:35
Operator : JU/CG
Sample : L4059-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B33-091720-10-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

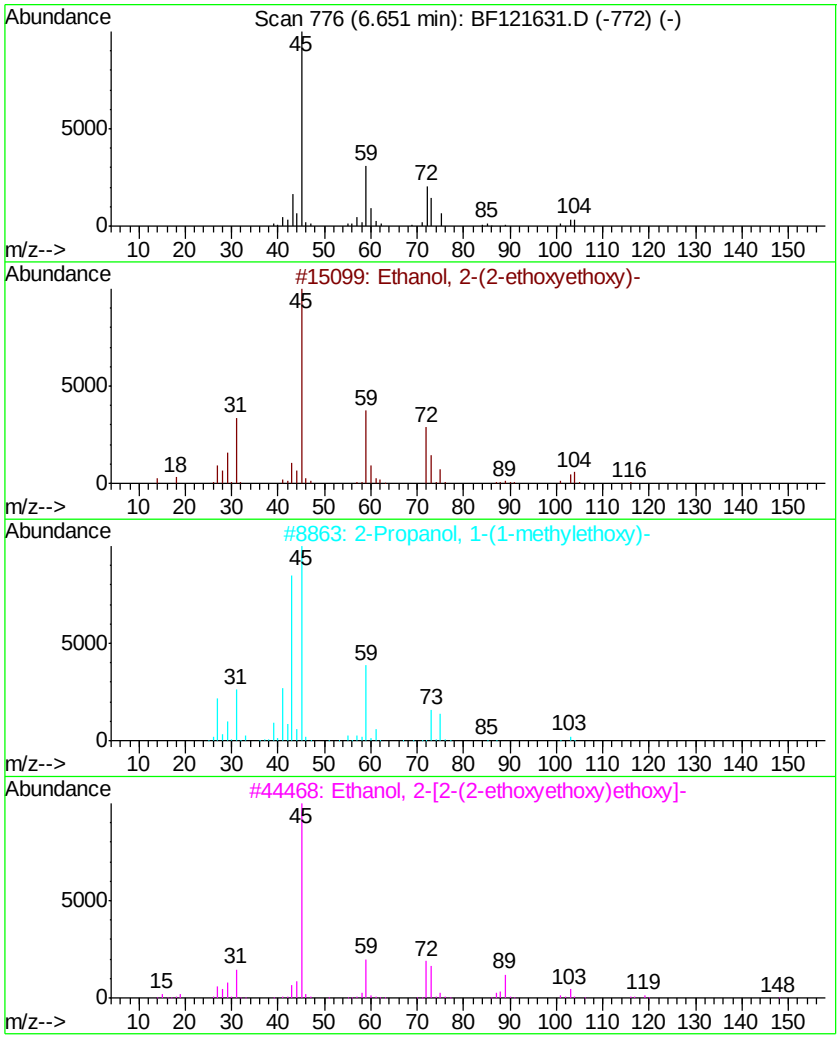
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

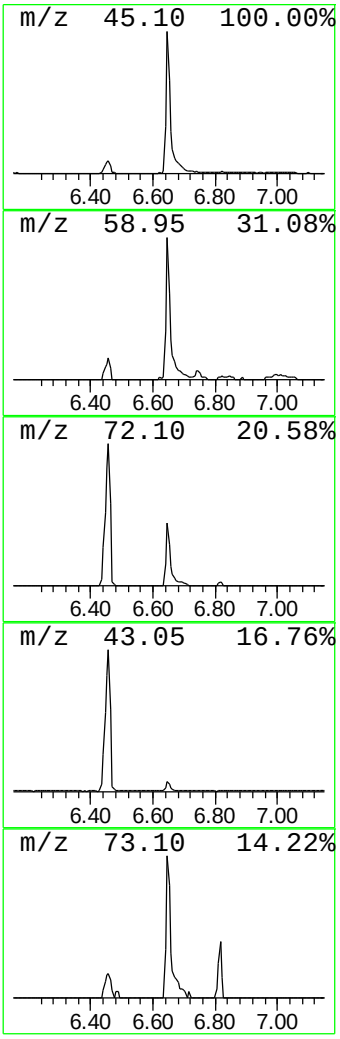
****

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	3.32 ng	161916	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	38
4	Ethanol, 2,2'-oxybis-	106	C4H10O3	000111-46-6	37
5	Ethyl ether	74	C4H10O	000060-29-7	33





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B33-091720-10-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

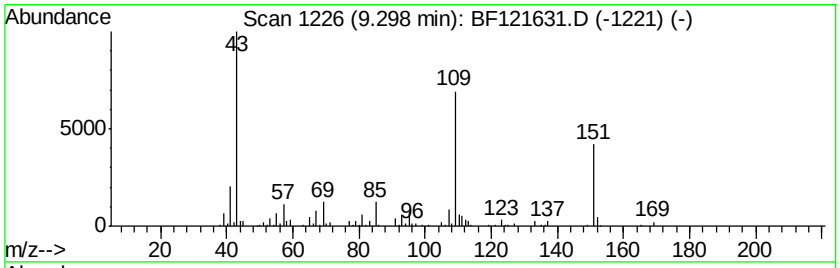
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

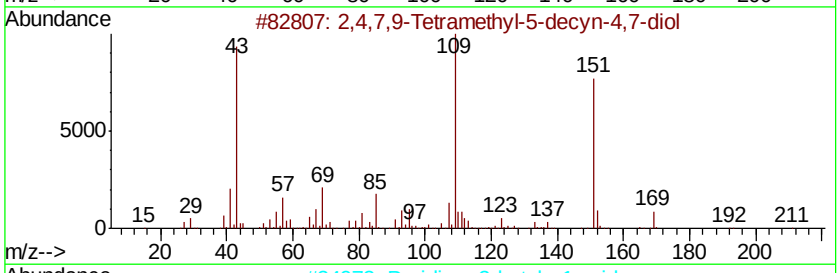
****

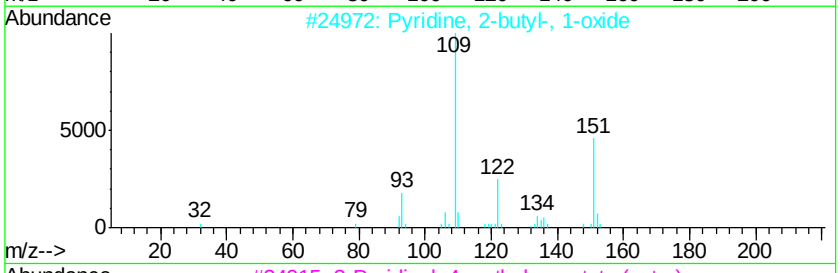
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

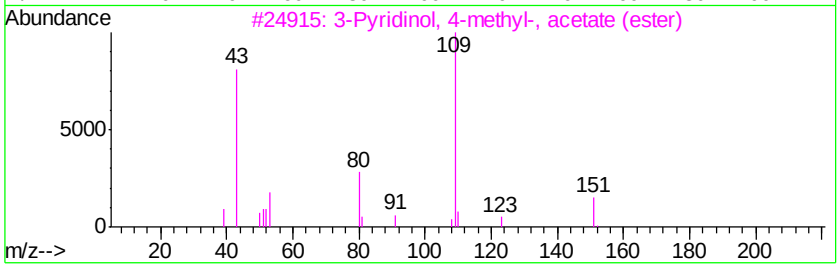
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	4.70 ng	350671	Acenaphthene-d10	9.86

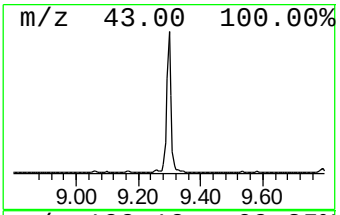
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
4	Metacetamol	151	C8H9NO2	000621-42-1	53
5	(-)-10-Camphorsulfonyl chloride	250	C10H15ClO3S	039262-22-1	45

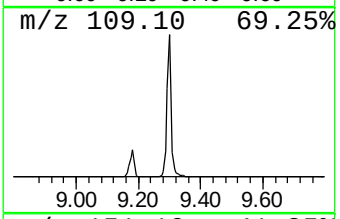


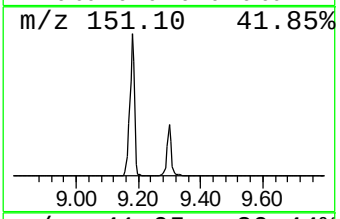


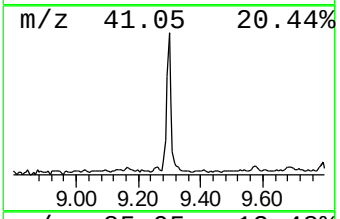


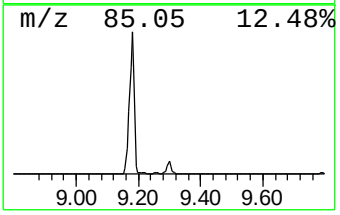












Library Search Compound Report

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Acq On : 21 Sep 2020 17:35
Operator : JU/CG
Sample : L4059-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

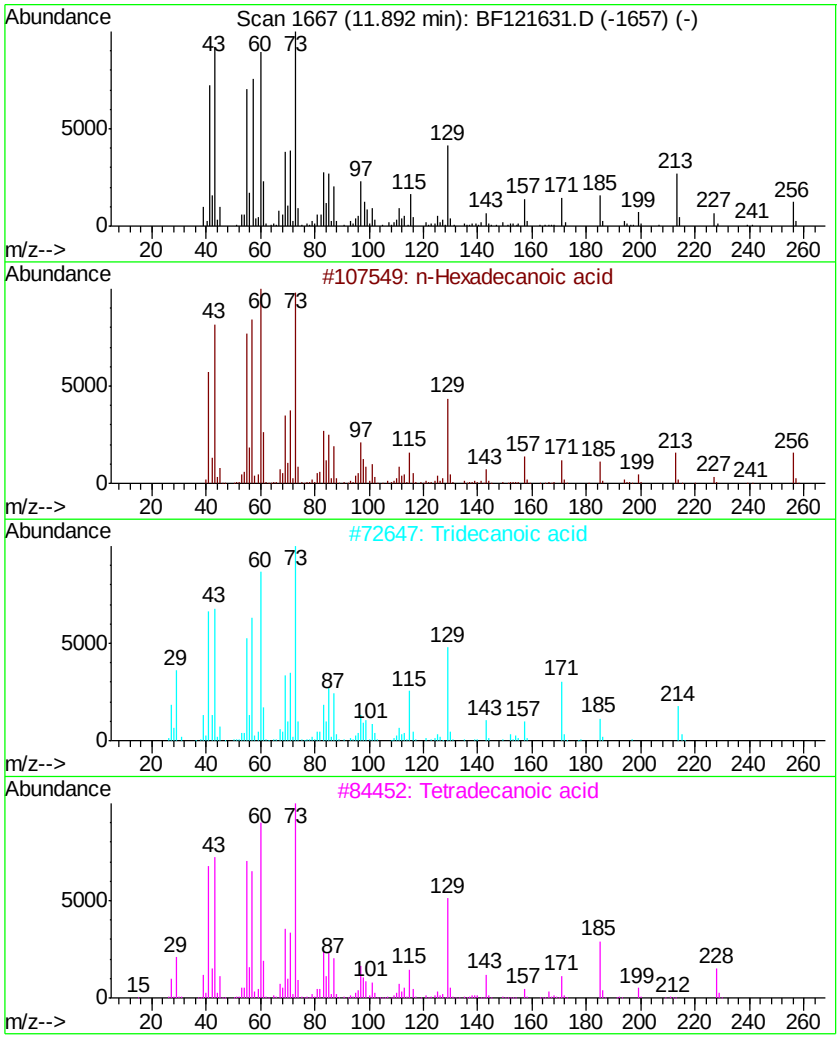
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

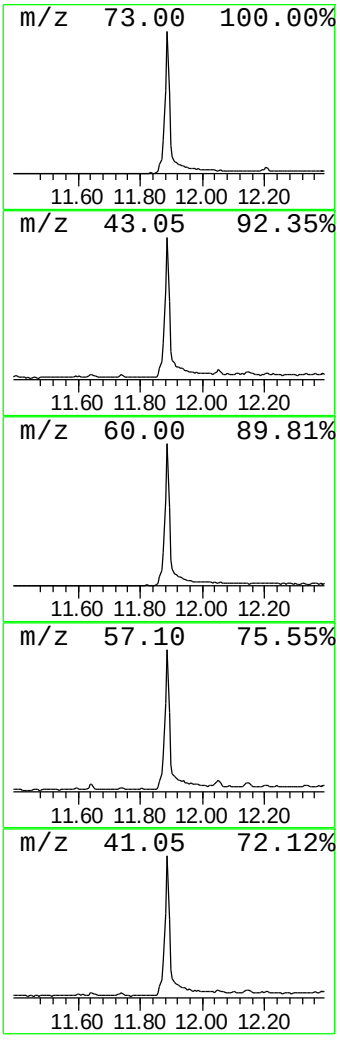
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	17.33 ng	1332760	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	20





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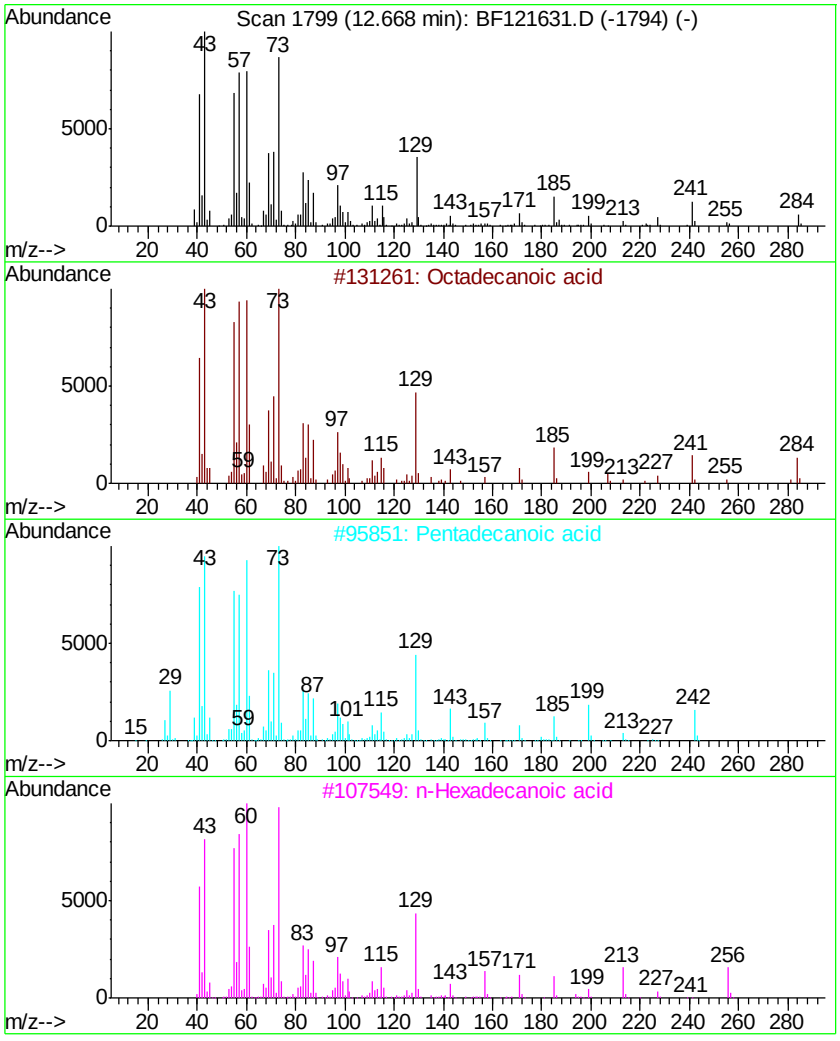
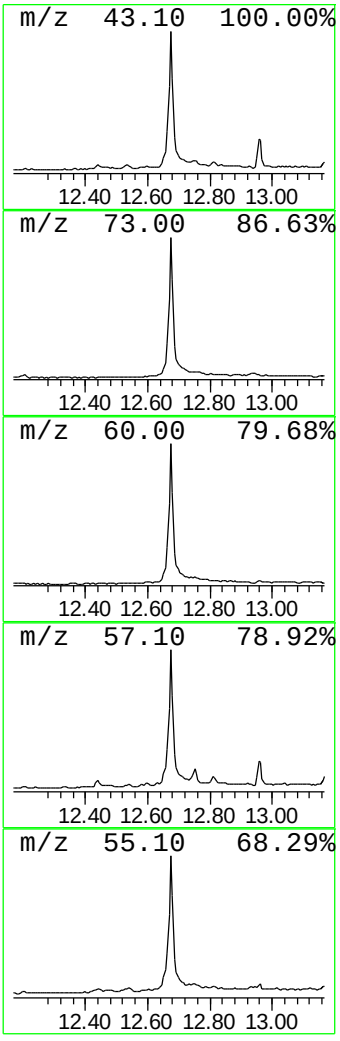
****

Peak Number 4 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	22.50 ng	1575380	Chrysene-d12	13.99

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	87
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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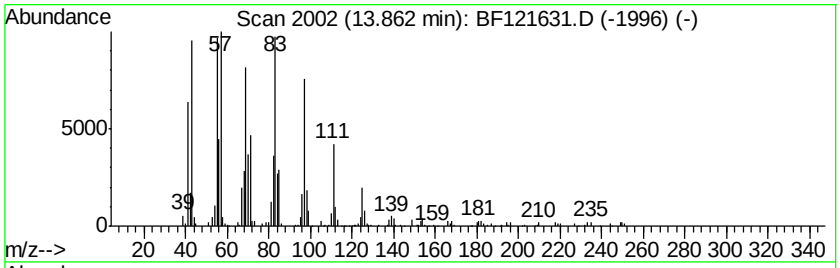
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

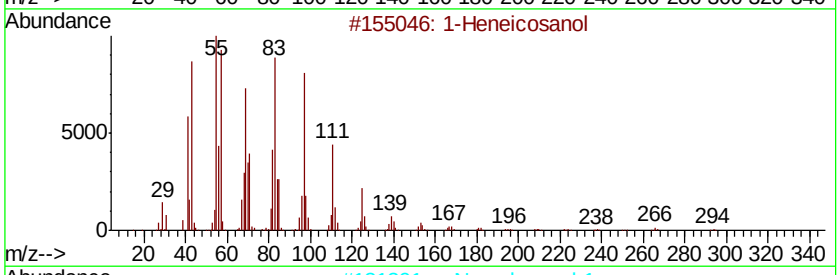
****

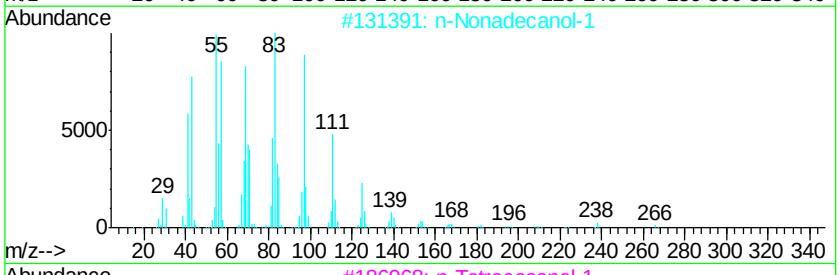
Peak Number 5 1-Heneicosanol Concentration Rank 3

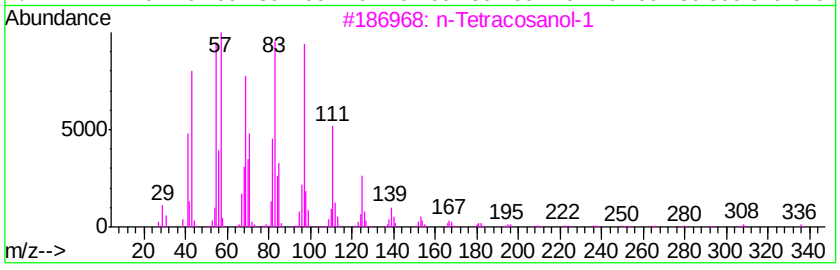
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	9.14 ng	640038	Chrysene-d12	13.99

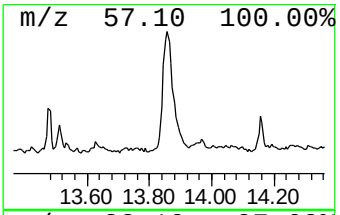
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94

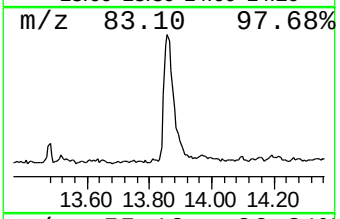


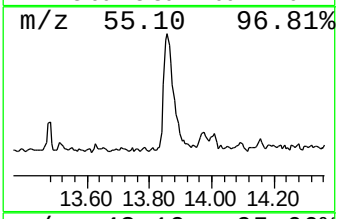


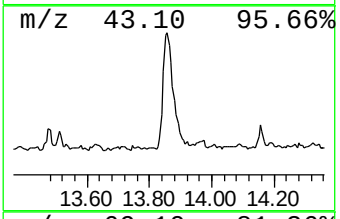


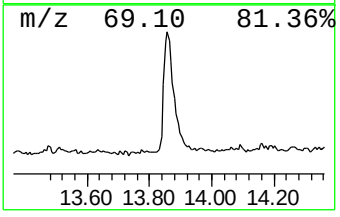












Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-eth...	6.65	3.3	ng	161916	1	6.82	974904	20.0
2,4,7,9-Tetrameth...	9.30	4.7	ng	350671	3	9.86	1492040	20.0
n-Hexadecanoic acid	11.89	17.3	ng	1332760	4	11.35	1538090	20.0
Octadecanoic acid	12.67	22.5	ng	1575380	5	13.99	1400610	20.0
1-Heneicosanol	13.86	9.1	ng	640038	5	13.99	1400610	20.0