LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
Data File : BF107633.D
Acq On : 24 Jul 2018 21:40
Operator : JU/SJ
Sample : J4011-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180413-CORE-3

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-BF072018.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	5.213	485	489	504	rBV	569939	753798	16.25%	1.853%
2	5.607	552	556	586	rBV	3215362	4473404	96.41%	10.997%
3	6.607	721	726	745	rBV	3238656	4497581	96.94%	11.057%
4	6.742	745	749	772	rVB	3894831	4639783	100.00%	11.406%
5	6.972	784	788	810	rVB	1087614	1451689	31.29%	3.569%
6	7.125	810	814	832	rBV	3479789	3506333	75.57%	8.620%
7	7.531	879	883	907	rBV	2073848	2816820	60.71%	6.925%
8	8.254	1001	1006	1025	rBV	1576437	1814260	39.10%	4.460%
9	9.066	1139	1144	1148	rBV	46164	46998	1.01%	0.116%
10	9.325	1181	1188	1203	rBV	4411572	4400564	94.84%	10.818%
11	9.713	1251	1254	1260	rBV	504995	499247	10.76%	1.227%
12	10.013	1301	1305	1308	rBV	1756816	1674533	36.09%	4.117%
13	10.042	1308	1310	1316	rVB	127642	125048	2.70%	0.307%
14	10.219	1336	1340	1343	rBV	38676	47219	1.02%	0.116%
15	10.419	1371	1374	1378	rVB	62252	49646	1.07%	0.122%
16	10.807	1436	1440	1452	rBV	2129600	2437627	52.54%	5.992%
17	10.895	1452	1455	1461	rVB	60077	72966	1.57%	0.179%
18	11.507	1555	1559	1562	rBV	1489288	1490401	32.12%	3.664%
19	12.007	1640	1644	1648	rBV	136126	158068	3.41%	0.389%
20	12.724	1762	1766	1769	rBV	132379	148331	3.20%	0.365%
21	12.954	1803	1805	1809	rVB	89094	95464	2.06%	0.235%
22	13.089	1824	1828	1837	rBV	3154899	2986217	64.36%	7.341%
23	13.965	1974	1977	1980	rBV	303454	331660	7.15%	0.815%
24	14.154	2006	2009	2016	rBV	1209156	1191843	25.69%	2.930%
25	15.689	2265	2270	2277	rBV	644860	968603	20.88%	2.381%

Sum of corrected areas: 40678103

LSC Report - Integrated Chromatogram

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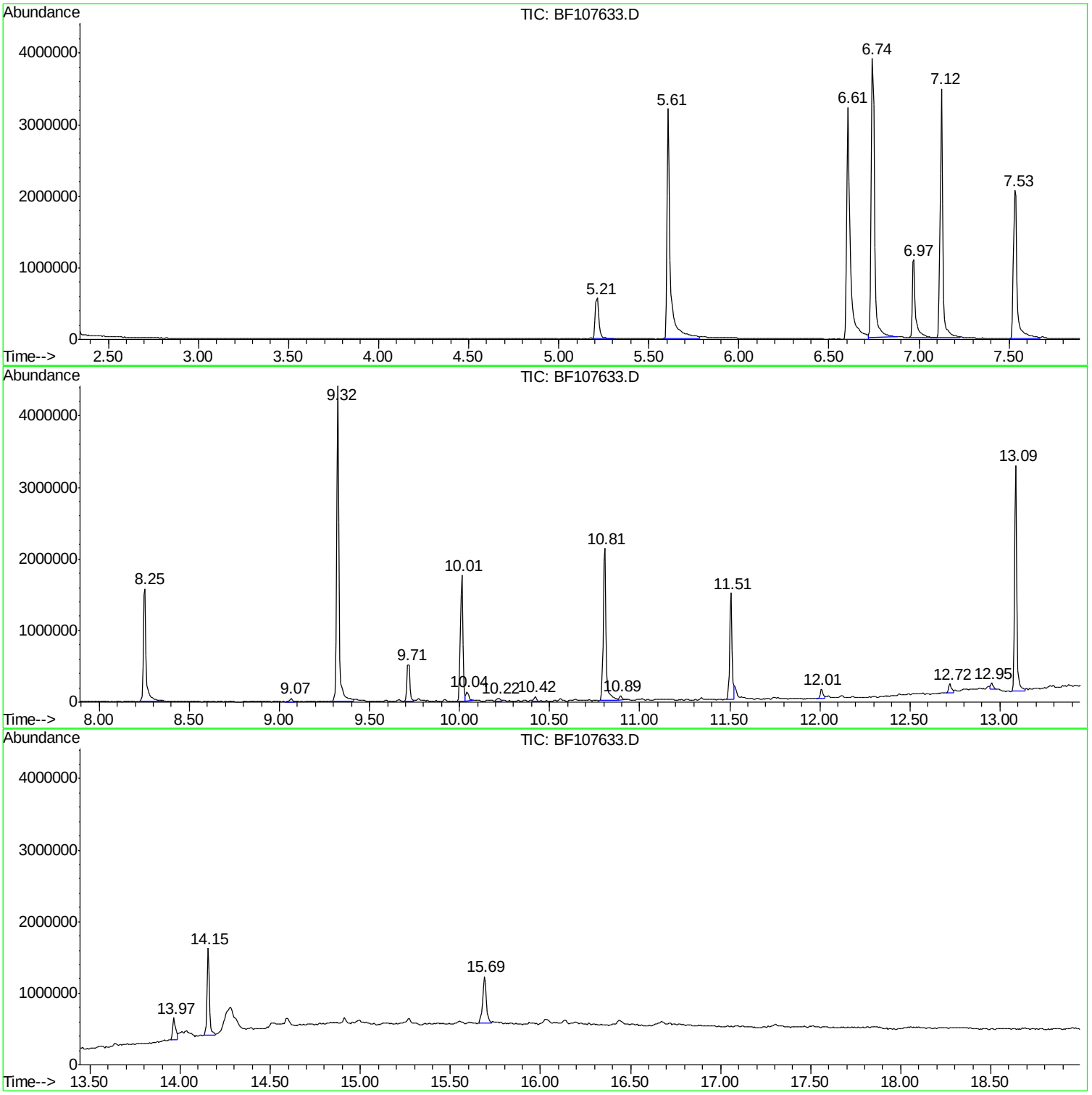
Instrument : BNA_F
ClientSampleId : 20180413-CORE-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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

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Data File : BF107633.D
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Operator : JU/SJ
Sample : J4011-03
Misc :
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Instrument : BNA_F
ClientSampleId : 20180413-CORE-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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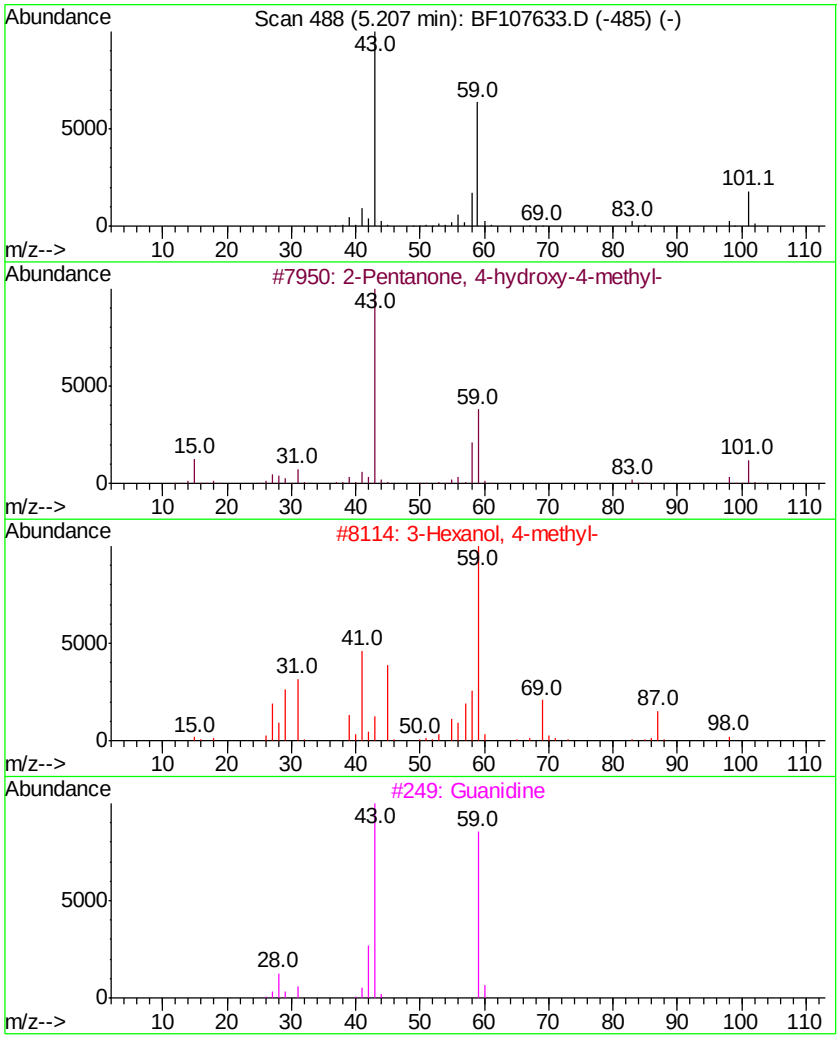
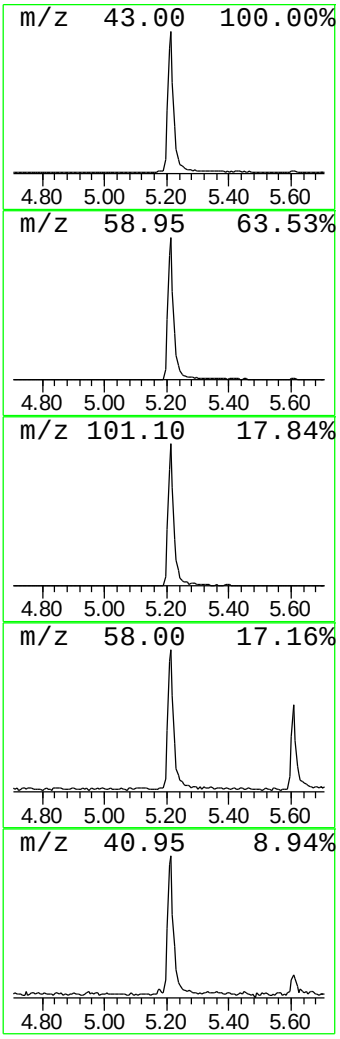
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	10.39 ng	753798	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Guanidine	59	CH5N3	000113-00-8	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9





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ClientSampleId : 20180413-CORE-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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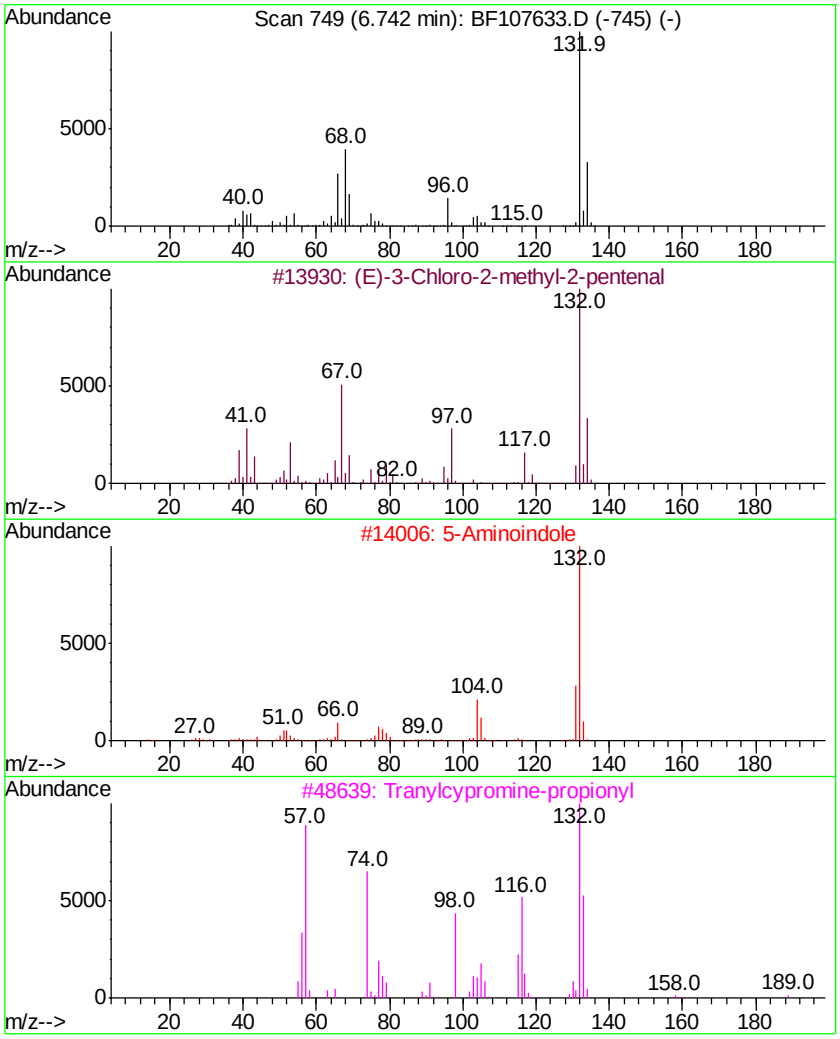
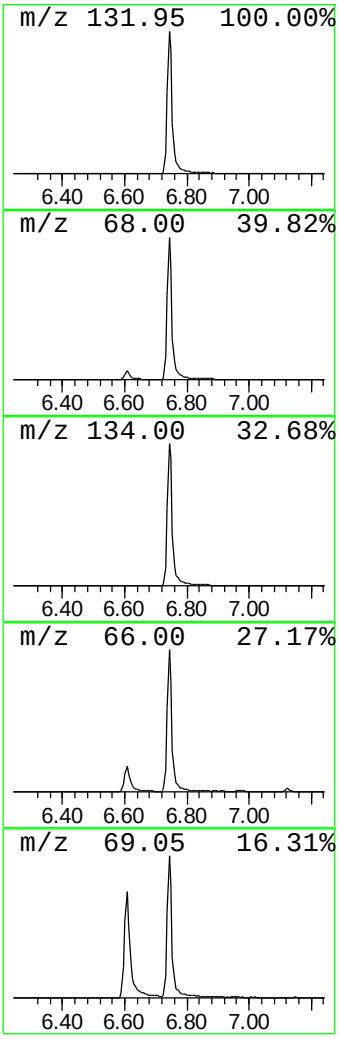
Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	63.92 ng	4639780	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
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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Sample : J4011-03
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Instrument : BNA_F
ClientSampleId : 20180413-CORE-3

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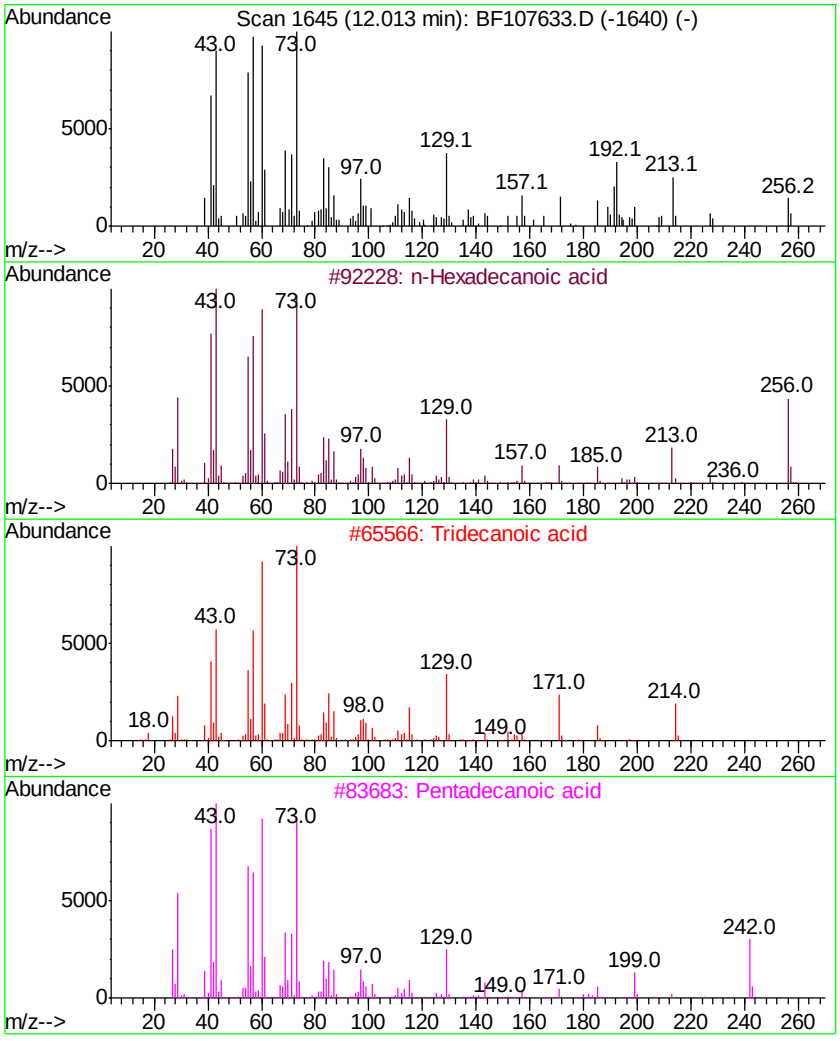
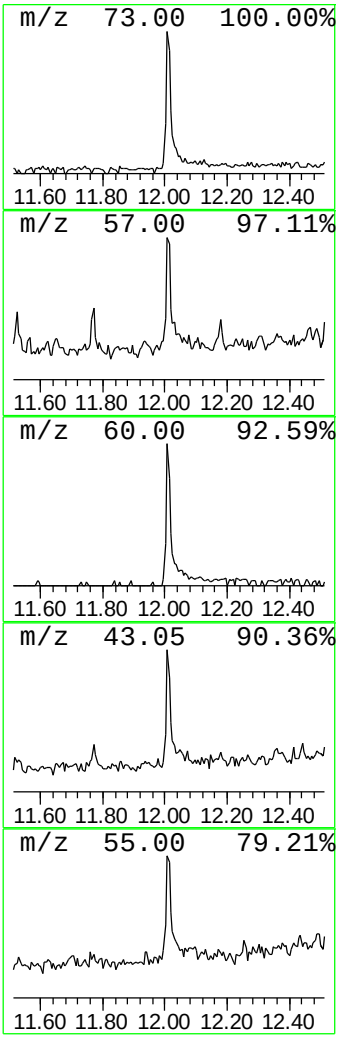
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.12 ng	158068	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Undecanoic acid	186	C11H22O2	000112-37-8	49





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Instrument : BNA_F
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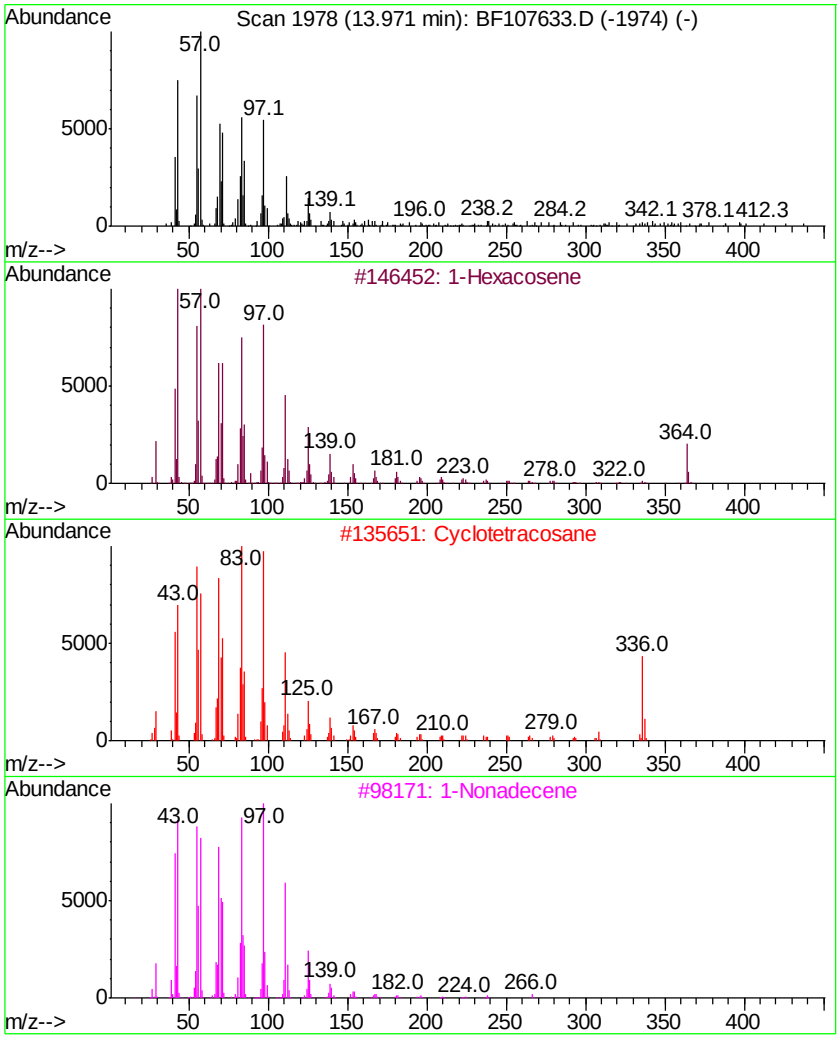
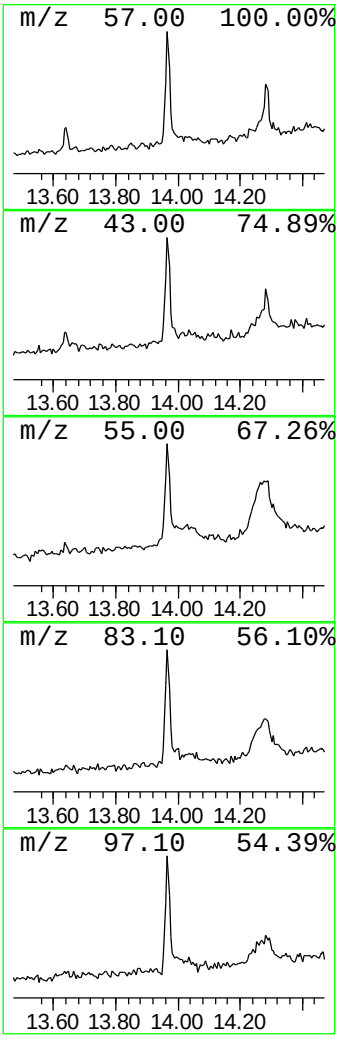
Peak Number 5 1-Hexacosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	5.57 ng	331660	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	98
2	Cyclotetracosane	336	C24H48	000297-03-0	96
3	1-Nonadecene	266	C19H38	018435-45-5	94
4	1-Hexacosanol	382	C26H54O	000506-52-5	91
5	9-Hexacosene	364	C26H52	071502-22-2	80





Tentatively Identified Compound (LSC) summary

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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...	5.21	10.4	ng	753798	1	6.97	1451690	20.0
unknown6.74	6.74	63.9	ng	4639780	1	6.97	1451690	20.0
n-Hexadecanoic acid	12.01	2.1	ng	158068	4	11.51	1490400	20.0
1-Hexacosene	13.97	5.6	ng	331660	5	14.15	1191840	20.0