LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101149.D
Acq On : 6 Dec 2017 3:20
Operator : SJ/JU
Sample : I6702-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-2-E(4-5)

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-BF113017.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	5.081	506	509	519	rBV	47992	62635	5.91%	0.650%
2	5.469	571	575	592	rBV	983465	1000280	94.43%	10.387%
3	6.480	742	747	762	rBV	1045739	1031641	97.39%	10.713%
4	6.616	766	770	773	rBV	1209602	1059279	100.00%	11.000%
5	6.680	778	781	789	rVV	10689	12406	1.17%	0.129%
6	6.845	806	809	813	rBV	391811	309488	29.22%	3.214%
7	7.004	832	836	839	rBV	924294	804045	75.90%	8.349%
8	7.410	901	905	908	rBV	658257	624841	58.99%	6.489%
9	8.127	1023	1027	1035	rBV	488601	401126	37.87%	4.165%
10	9.204	1205	1210	1213	rBV	1192050	1052996	99.41%	10.935%
11	9.598	1273	1277	1282	rBV	71560	69461	6.56%	0.721%
12	9.804	1308	1312	1317	rBV	27304	21787	2.06%	0.226%
13	9.886	1321	1326	1339	rVB	443983	421810	39.82%	4.380%
14	10.304	1394	1397	1400	rVB	35424	25249	2.38%	0.262%
15	10.674	1456	1460	1469	rBV	722702	656481	61.97%	6.817%
16	10.774	1474	1477	1486	rVB	28434	28513	2.69%	0.296%
17	11.374	1575	1579	1582	rBV	458997	404326	38.17%	4.199%
18	11.886	1662	1666	1668	rBV2	18421	16130	1.52%	0.167%
19	12.057	1692	1695	1698	rBV	16197	11580	1.09%	0.120%
20	12.386	1747	1751	1755	rBV	10555	11907	1.12%	0.124%
21	12.586	1782	1785	1788	rBB	30735	23509	2.22%	0.244%
22	12.815	1818	1824	1828	rBV	47986	41688	3.94%	0.433%
23	12.956	1844	1848	1851	rBV	912115	762924	72.02%	7.922%
24	13.839	1995	1998	2010	rVB2	76944	84580	7.98%	0.878%
25	14.015	2024	2028	2031	rBV	319412	289082	27.29%	3.002%
26	14.039	2031	2032	2035	rVB	14892	11626	1.10%	0.121%
27	15.056	2202	2205	2209	rBV	20220	30118	2.84%	0.313%
28	15.362	2254	2257	2262	rBV	14896	15651	1.48%	0.163%
29	15.427	2264	2268	2273	rBV	18561	24280	2.29%	0.252%
30	15.492	2273	2279	2289	rBV	232760	288925	27.28%	3.000%
31	15.968	2356	2360	2368	rBV5	9322	16631	1.57%	0.173%
32	16.974	2524	2531	2535	rBV4	7909	14965	1.41%	0.155%

LSC Area Percent Report

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Sample : I6702-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 9629960

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
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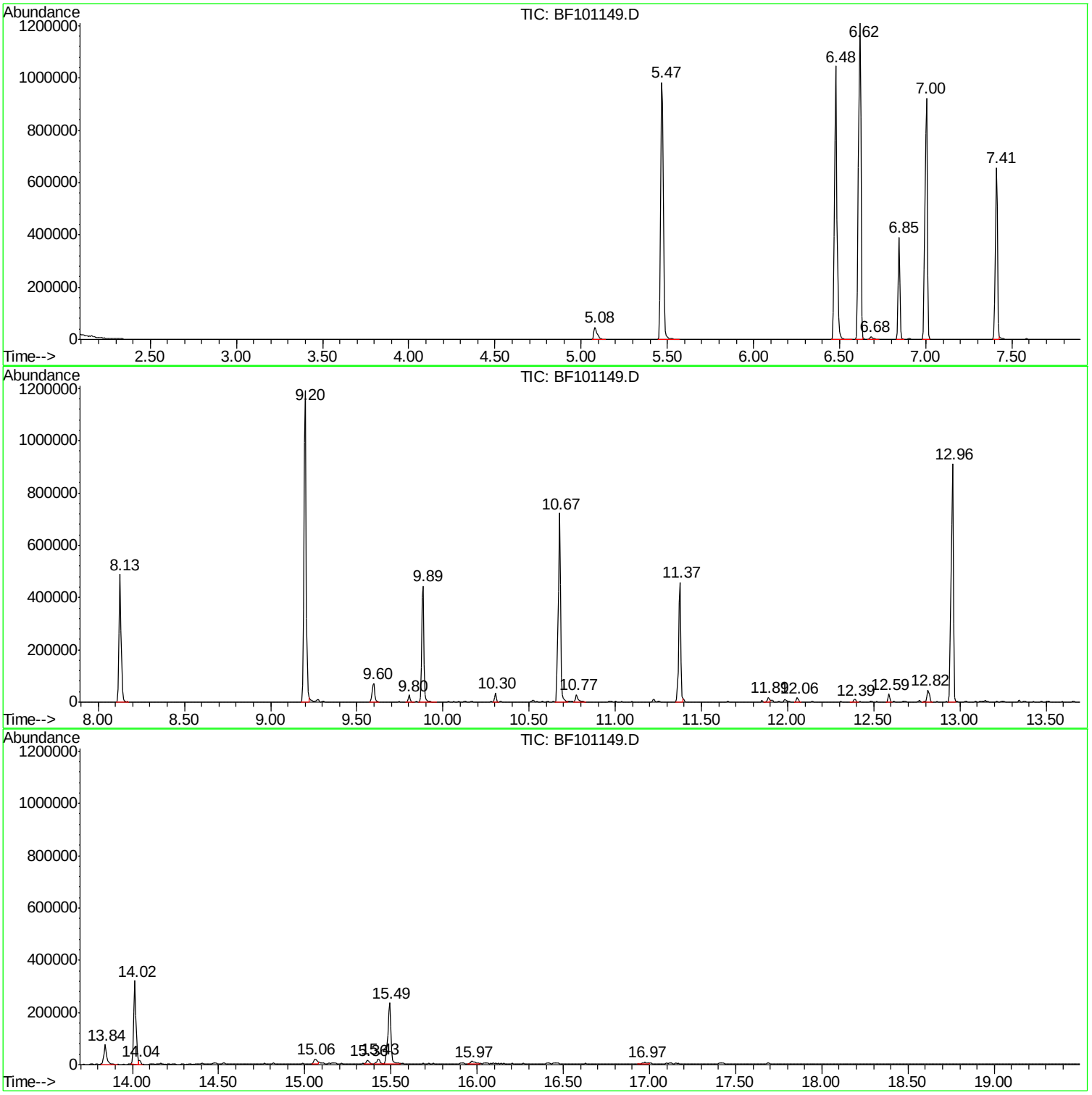
Operator : SJ/JU
Sample : I6702-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-2-E(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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Instrument : BNA_F
ClientSampleId : MH-2-E(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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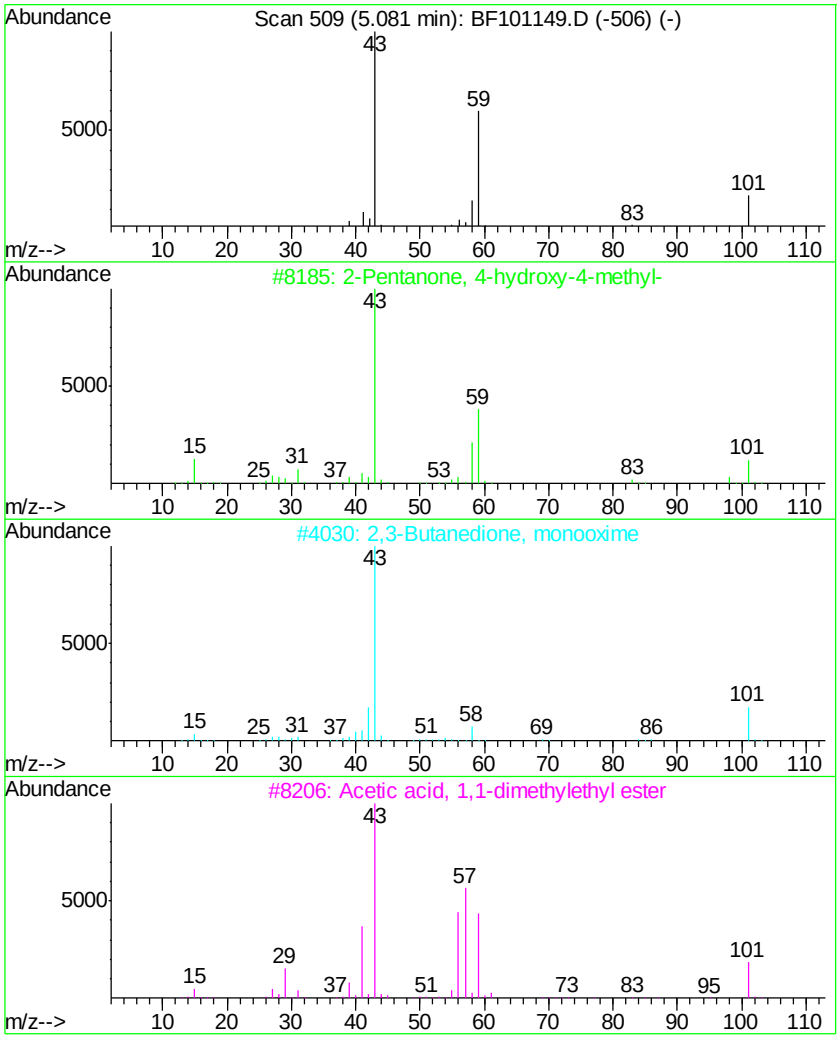
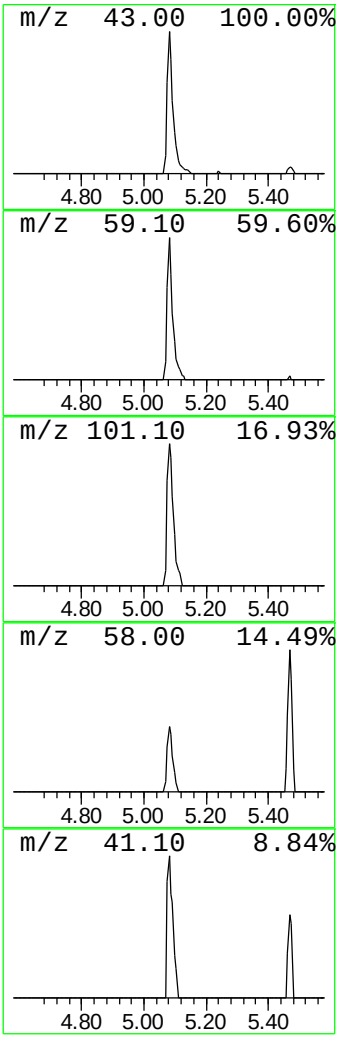
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	4.05 ng	62635	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
4	1,2-Butanediol	90	C4H10O2	000584-03-2	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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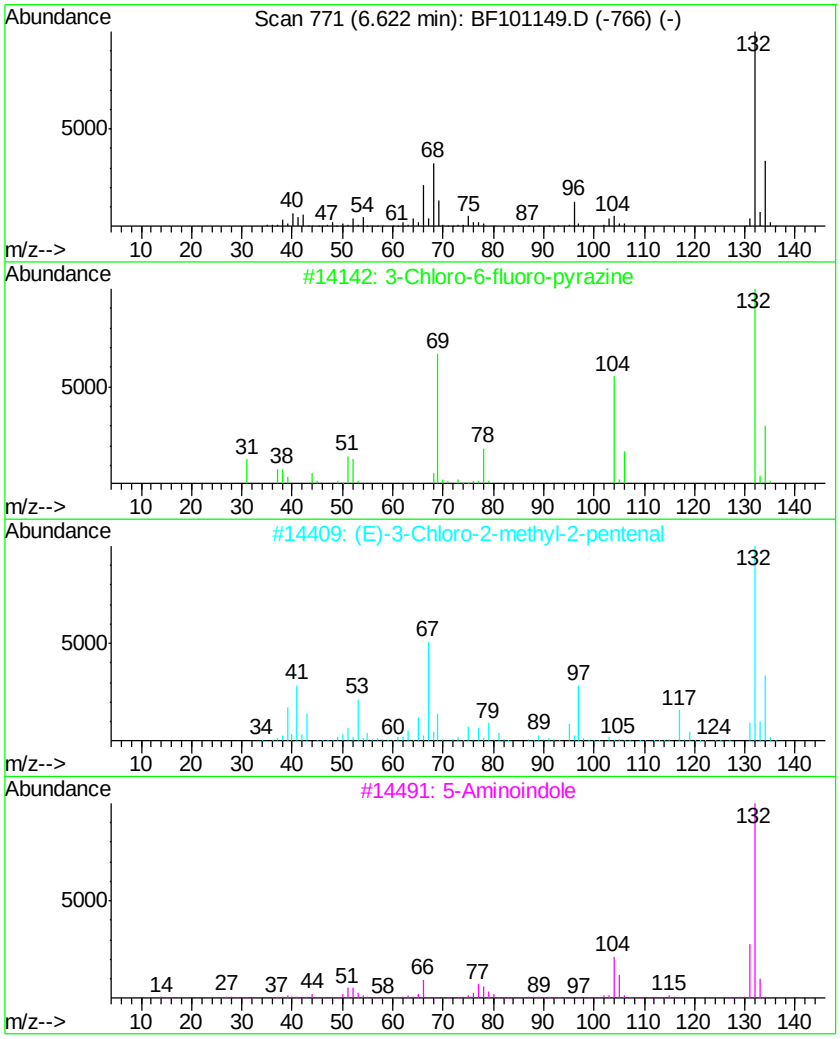
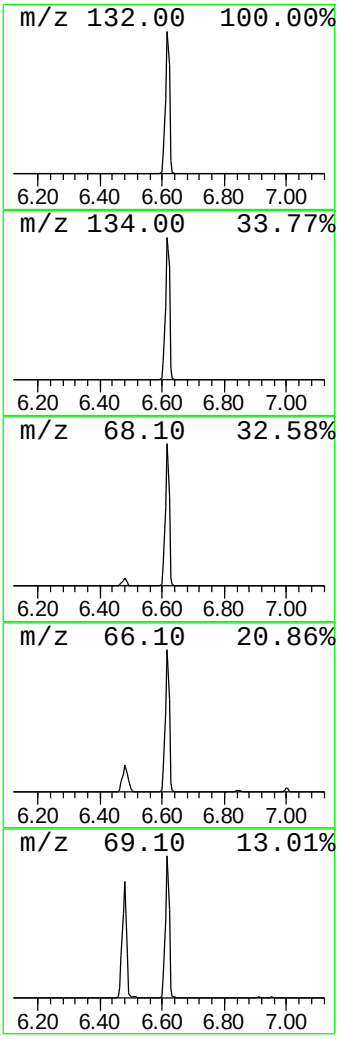
Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	68.45 ng	1059280	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Instrument : BNA_F
ClientSampleId : MH-2-E(4-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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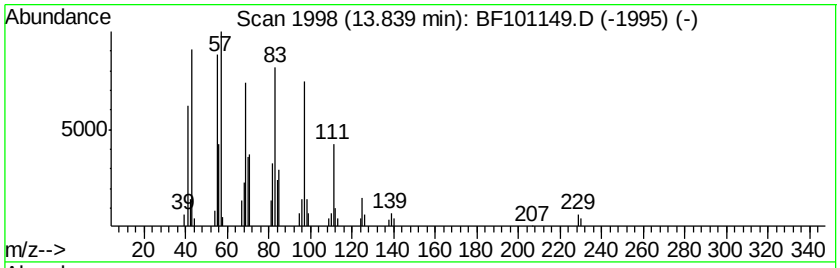
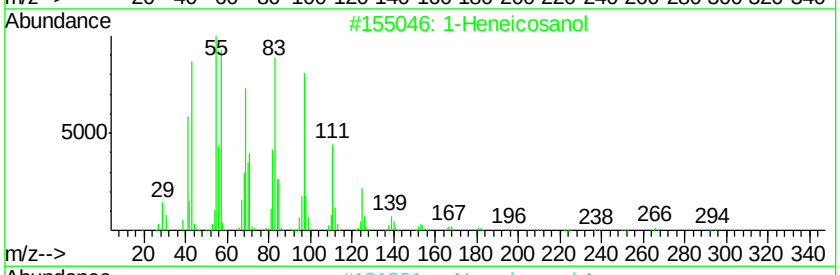
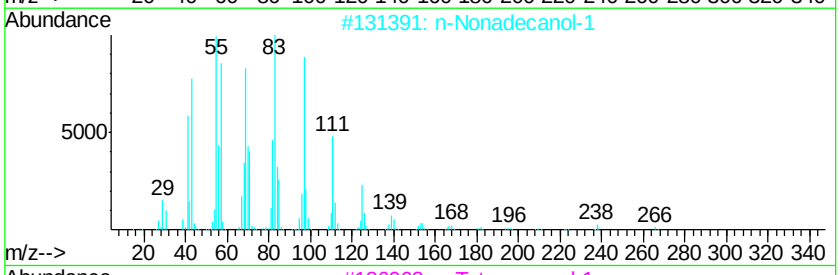
Peak Number 4 1-Heneicosanol Concentration Rank 3

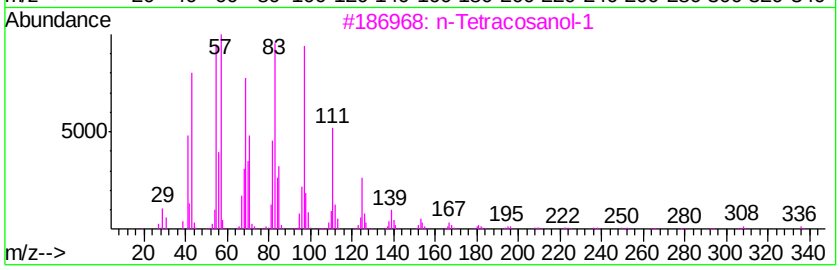
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	5.85 ng	84580	Chrysene-d12	14.02

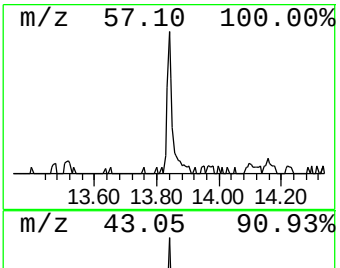
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	91

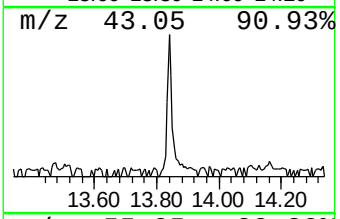


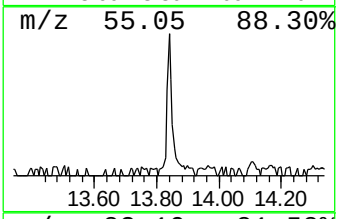


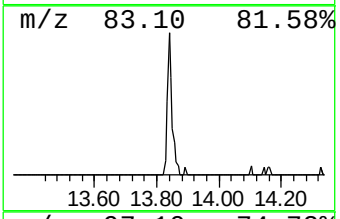


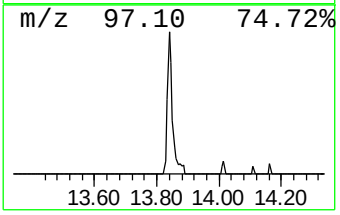












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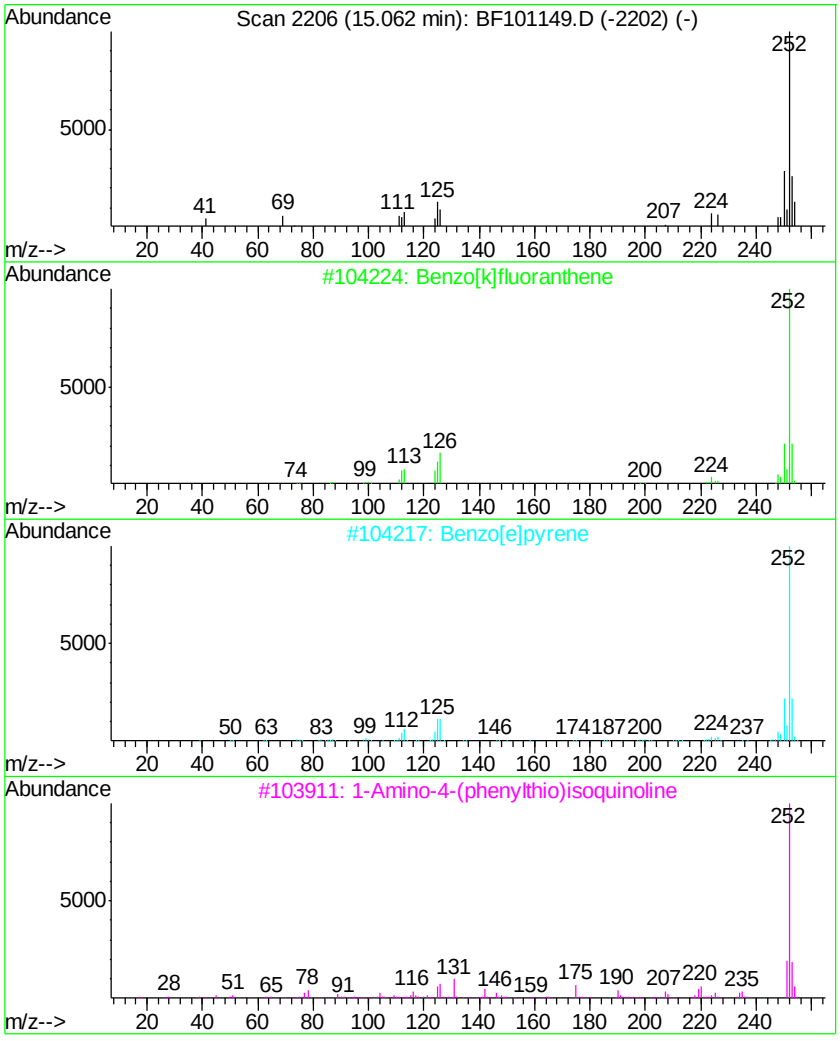
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

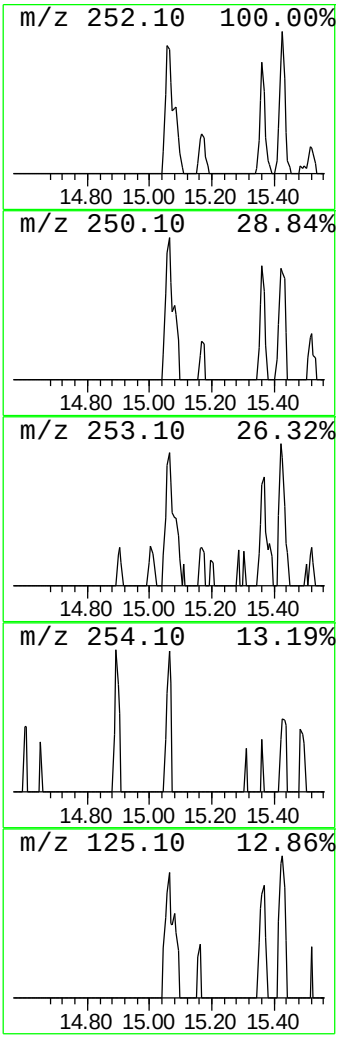
****

Peak Number 5 Benzo[k]fluoranthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	2.08 ng	30118	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
2	Benzo[e]pyrene	252	C20H12	000192-97-2	74
3	1-Amino-4-(phenylthio)isoquinoline	252	C15H12N2S	019653-19-1	72
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	68
5	Benzo[a]pyrene	252	C20H12	000050-32-8	68





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
2-Pentanone, 4-hy...	5.08	4.0	ng	62635	1	6.85	309488	20.0
unknown6.62	6.62	68.5	ng	1059280	1	6.85	309488	20.0
1-Heneicosanol	13.84	5.8	ng	84580	5	14.02	289082	20.0
Benzo[k]fluoranthene	15.06	2.1	ng	30118	6	15.49	288925	20.0