LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107930.D
Acq On : 3 Aug 2018 00:45
Operator : JU/SJ
Sample : J4287-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A4742

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-BF073018.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	5.184	480	484	501	rBV	103563	160218	4.85%	0.653%
2	5.601	551	555	576	rBV	247033	883156	26.76%	3.597%
3	6.613	722	727	743	rBV3	225325	862772	26.14%	3.514%
4	6.731	743	747	782	rVV	1486321	2878278	87.21%	11.724%
5	6.960	782	786	807	rVV	341481	891963	27.03%	3.633%
6	7.107	807	811	848	rVB	1843575	2581942	78.23%	10.517%
7	7.525	878	882	903	rBV	842622	1890247	57.28%	7.699%
8	7.666	903	906	917	rVB	106790	147936	4.48%	0.603%
9	8.236	999	1003	1027	rBV	533519	965035	29.24%	3.931%
10	9.307	1181	1185	1201	rBV	2758803	3300243	100.00%	13.442%
11	9.701	1248	1252	1264	rVB	167053	210902	6.39%	0.859%
12	9.995	1294	1302	1317	rBV	740144	951471	28.83%	3.875%
13	10.401	1368	1371	1374	rVB	68705	59019	1.79%	0.240%
14	10.789	1433	1437	1457	rBV	1212720	1880758	56.99%	7.661%
15	11.489	1552	1556	1573	rBV	566141	917707	27.81%	3.738%
16	11.995	1639	1642	1655	rBV2	229684	354665	10.75%	1.445%
17	12.783	1773	1776	1780	rBV3	47367	61627	1.87%	0.251%
18	13.071	1821	1825	1838	rBV	2649332	3138872	95.11%	12.785%
19	13.948	1971	1974	1980	rBV	208665	243885	7.39%	0.993%
20	14.142	2004	2007	2017	rBV	635339	894556	27.11%	3.644%
21	15.677	2264	2268	2282	rVB	375751	707987	21.45%	2.884%
22	16.377	2384	2387	2405	rVB2	133673	332546	10.08%	1.355%
23	16.836	2461	2465	2472	rVB3	132565	235302	7.13%	0.958%

Sum of corrected areas: 24551087

LSC Report - Integrated Chromatogram

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Misc :
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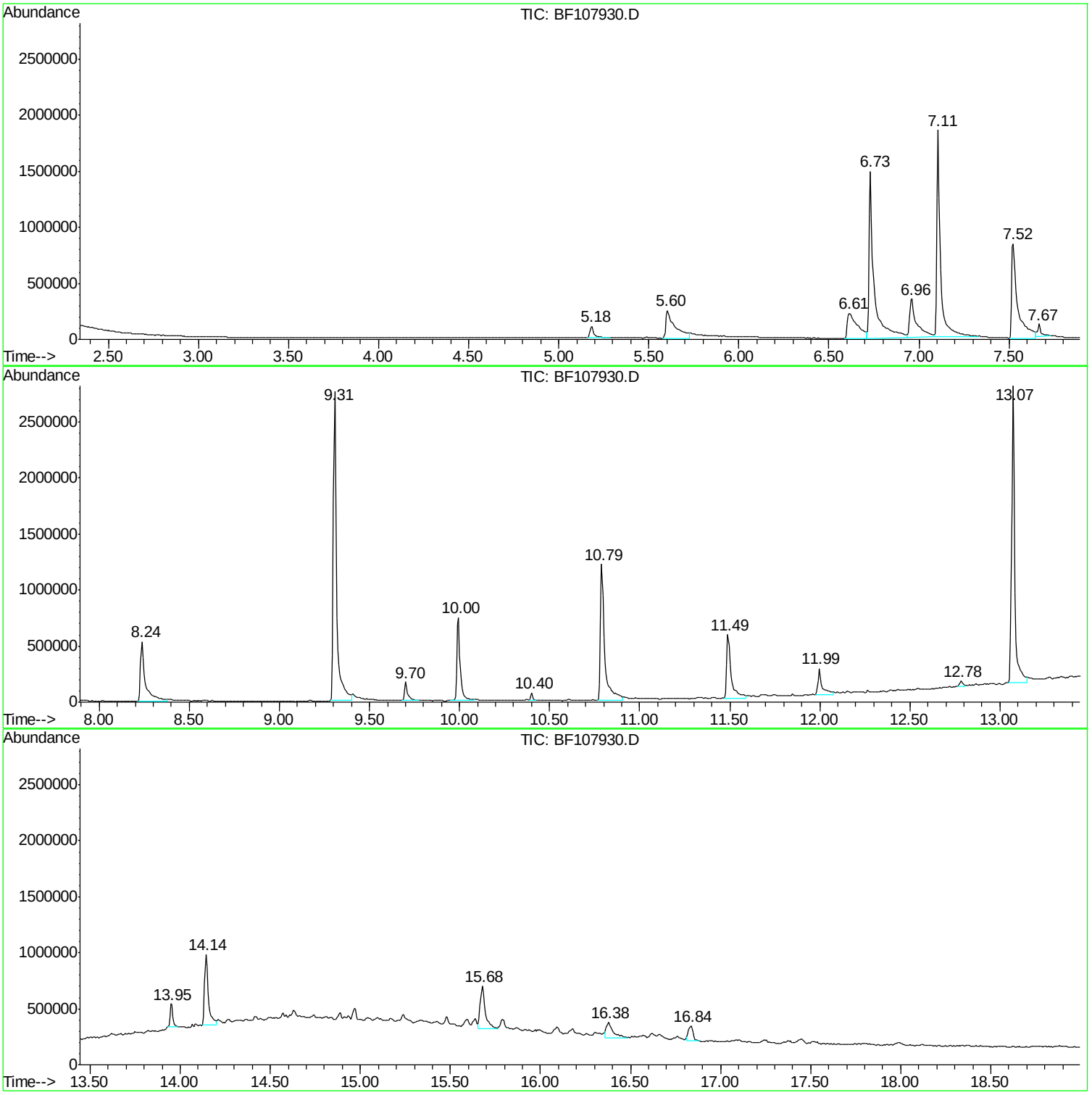
Instrument : BNA_F
ClientSampleId : A4742

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107930.D
Acq On : 3 Aug 2018 00:45
Operator : JU/SJ
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

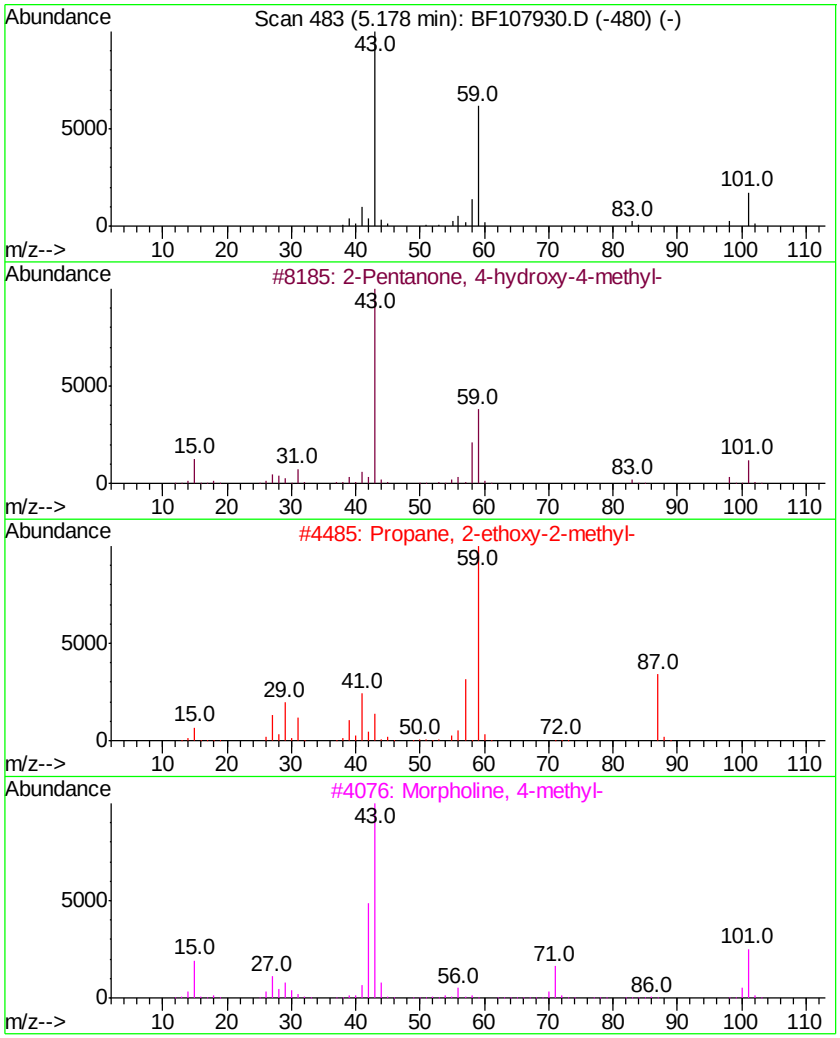
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

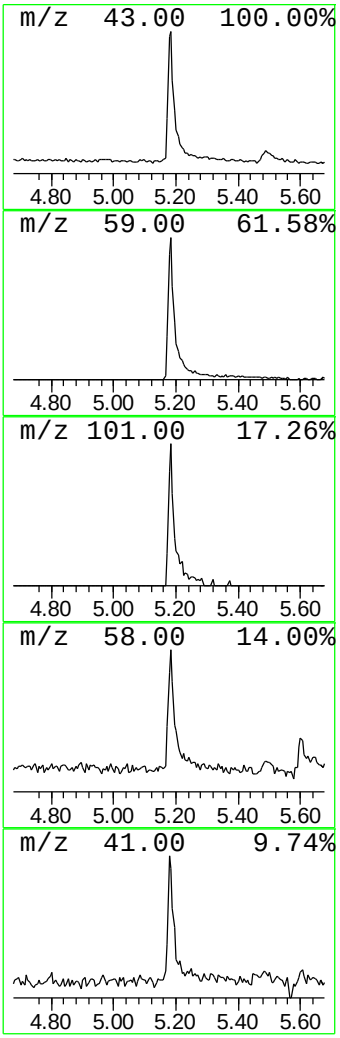
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	3.59 ng	160218	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : A4742

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

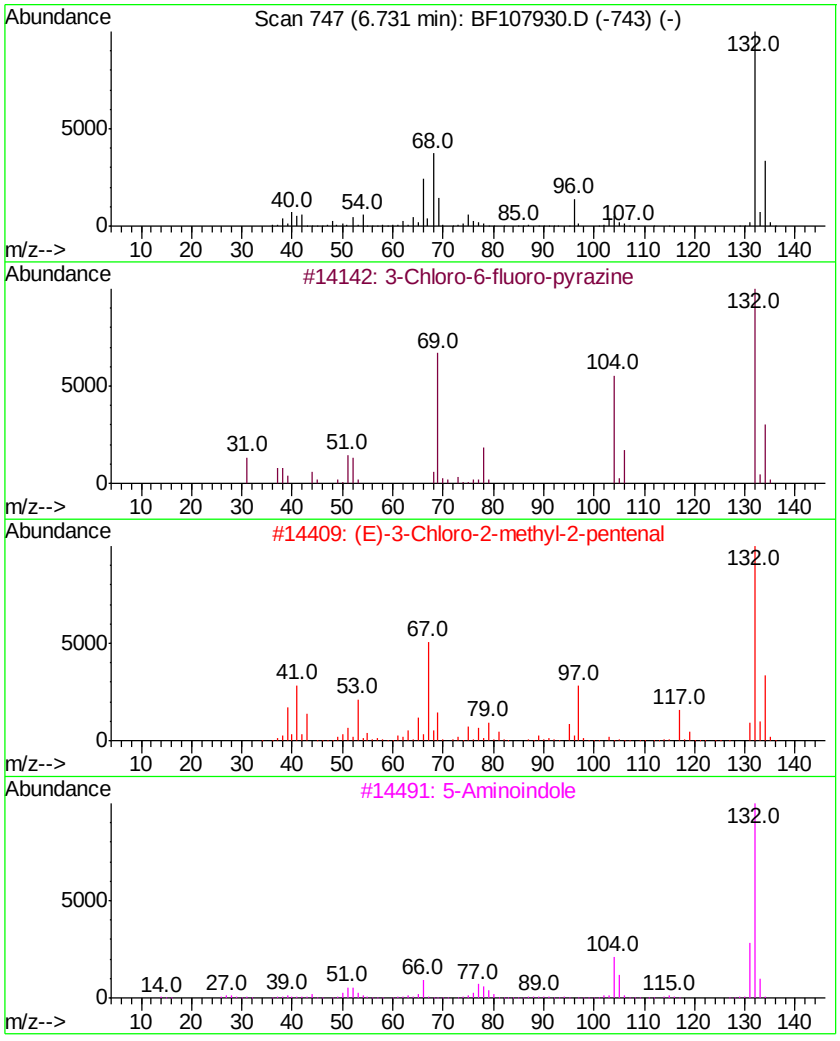
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

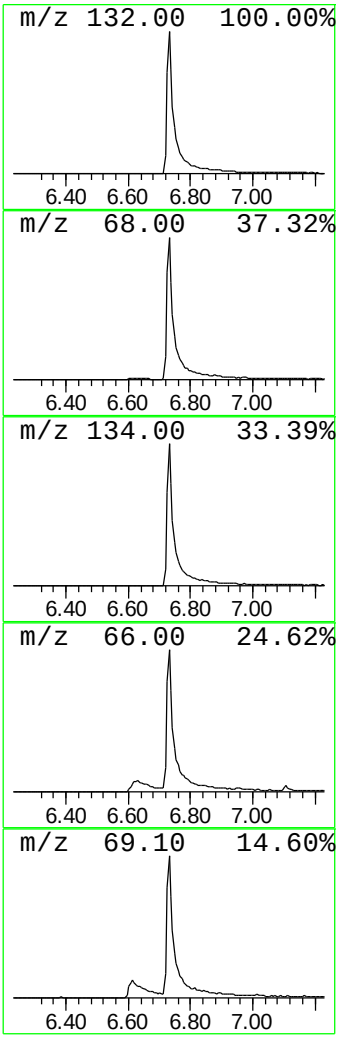
****

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	64.54 ng	2878280	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Operator : JU/SJ
Sample : J4287-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A4742

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

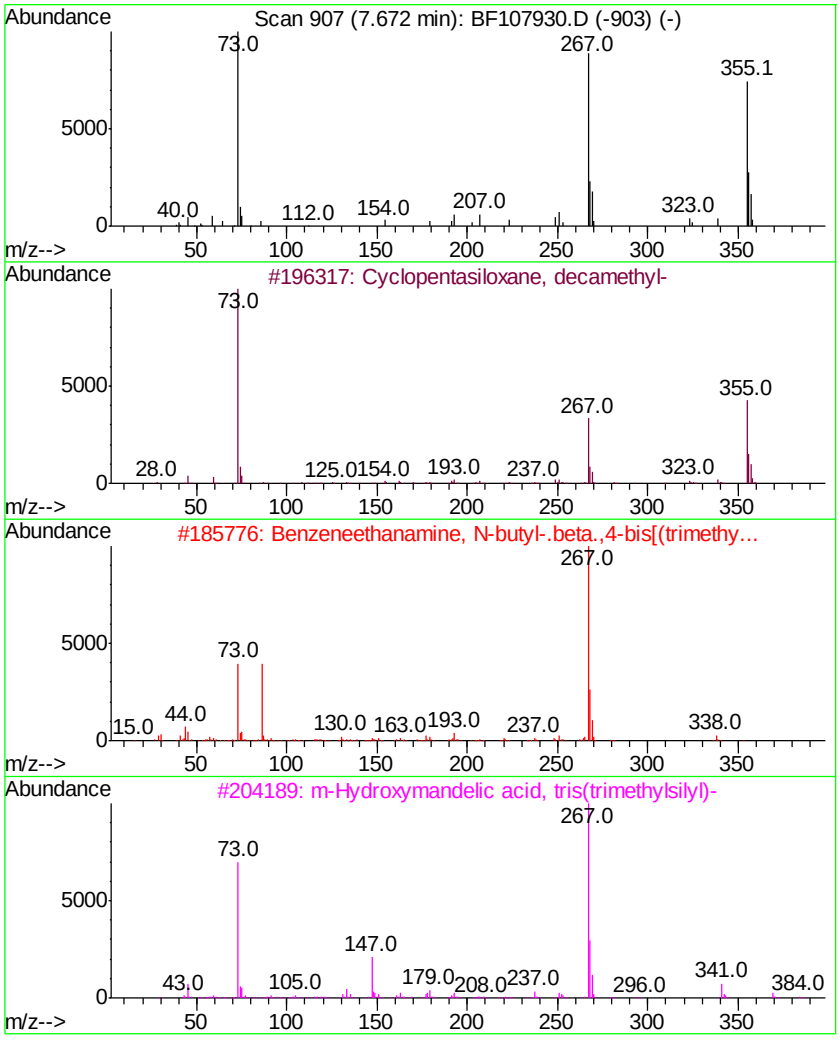
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

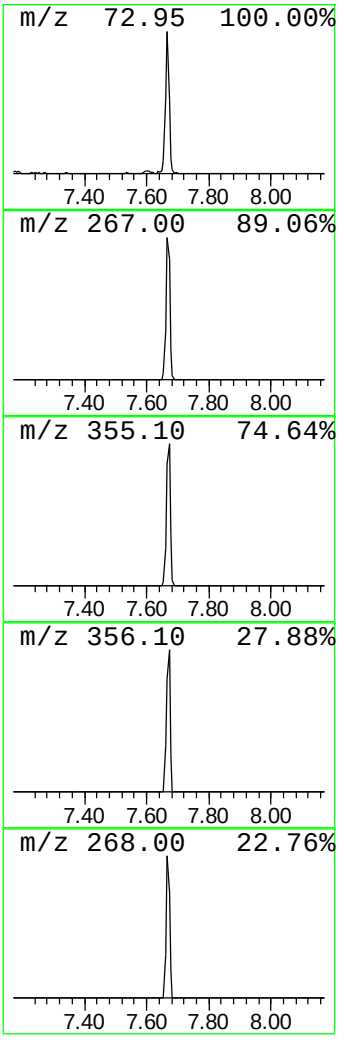
****

Peak Number 4 Cyclopentasiloxane, decamet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	3.07 ng	147936	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	86
2	Benzeneethanamine, N-butyl-.beta...	353	C18H35NO2Si2	040629-66-1	47
3	m-Hydroxymandelic acid, tris(tri...	384	C17H32O4Si3	068595-69-7	47
4	Silanamine, 1,1,1-trimethyl-N-[2...	369	C17H35NO2Si3	068595-60-8	47
5	Benzeneacetic acid, .alpha.,4-bi...	326	C15H26O4Si2	055334-40-2	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107930.D
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Operator : JU/SJ
Sample : J4287-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A4742

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

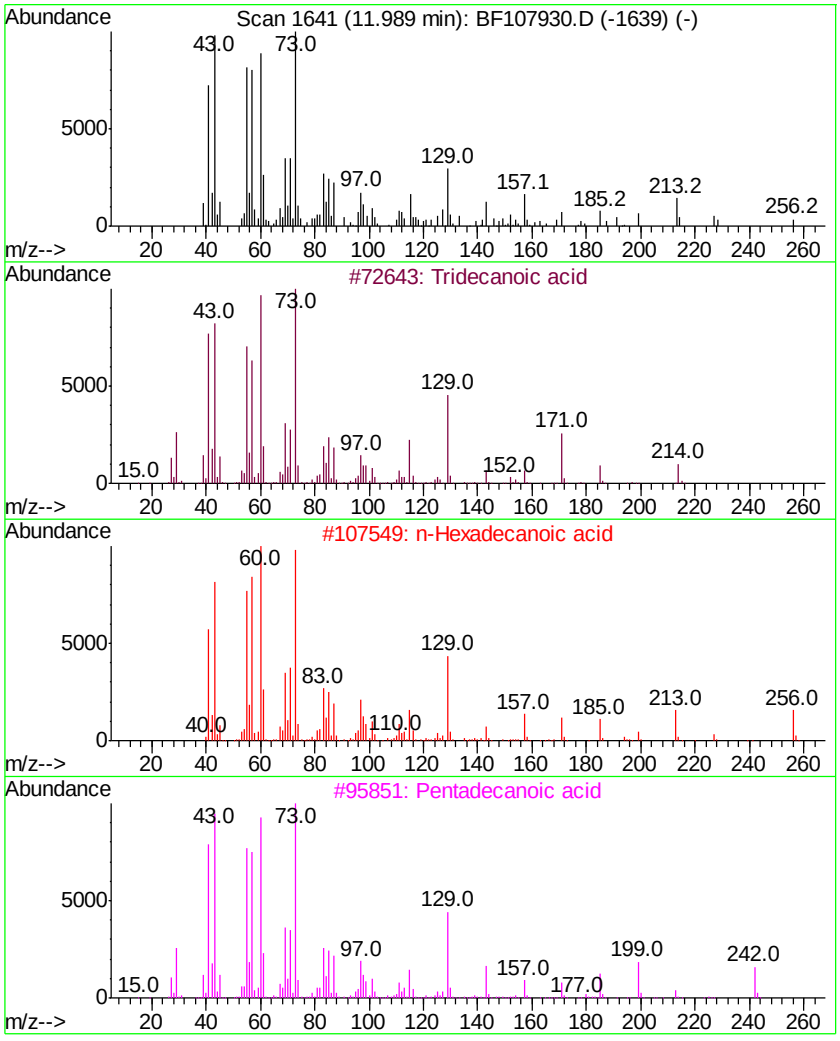
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

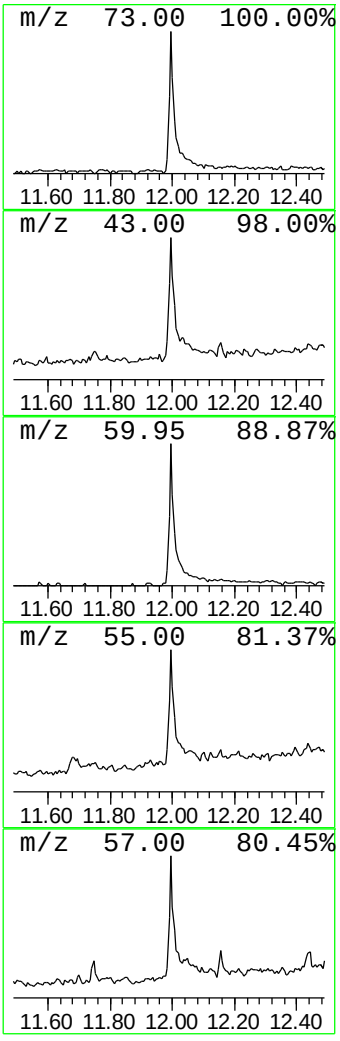
****

Peak Number 5 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	7.73 ng	354665	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Acq On : 3 Aug 2018 00:45
Operator : JU/SJ
Sample : J4287-01
Misc :
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Instrument : BNA_F
ClientSampleId : A4742

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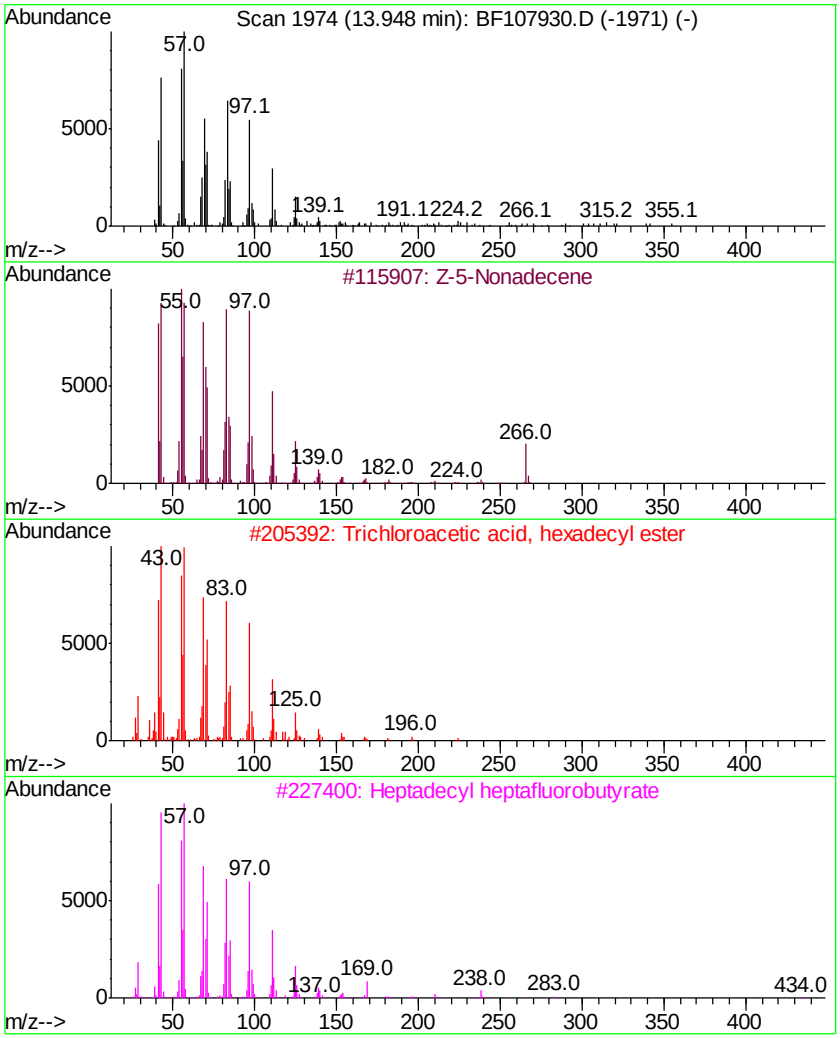
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

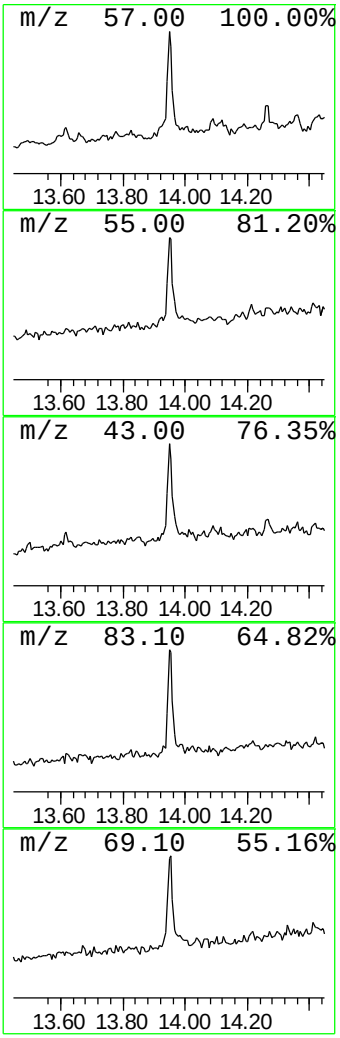
****

Peak Number 6 Z-5-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	5.45 ng	243885	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A4742

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

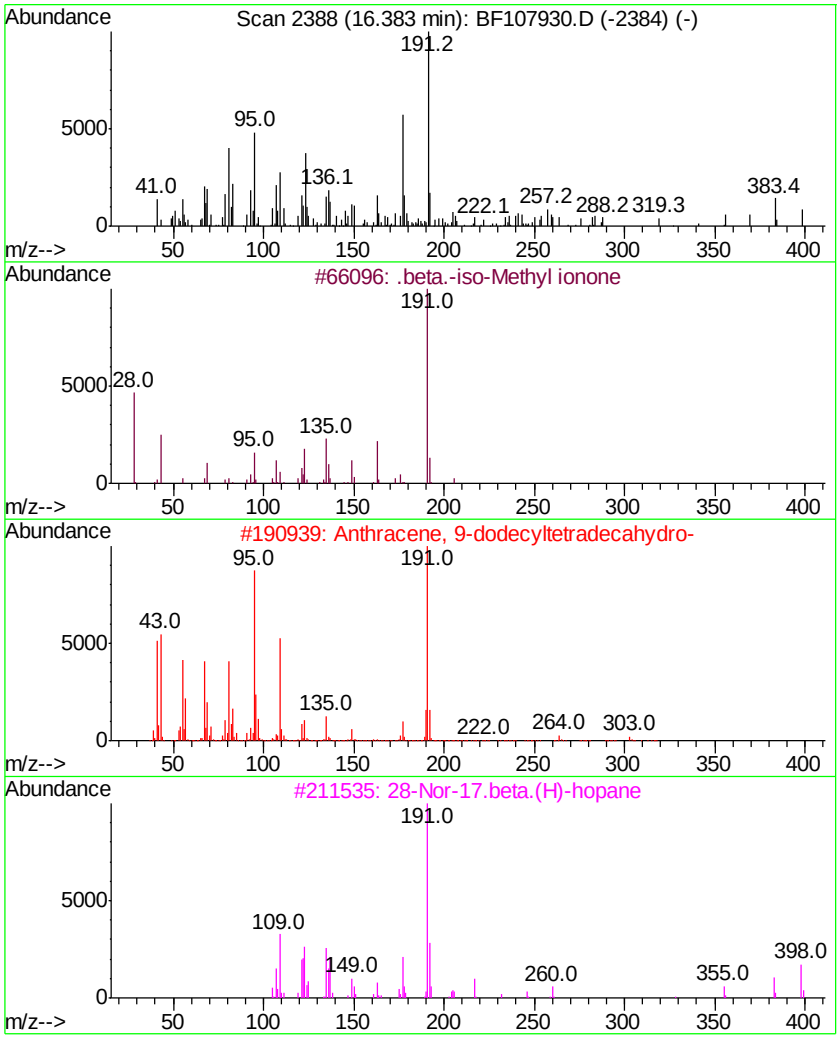
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

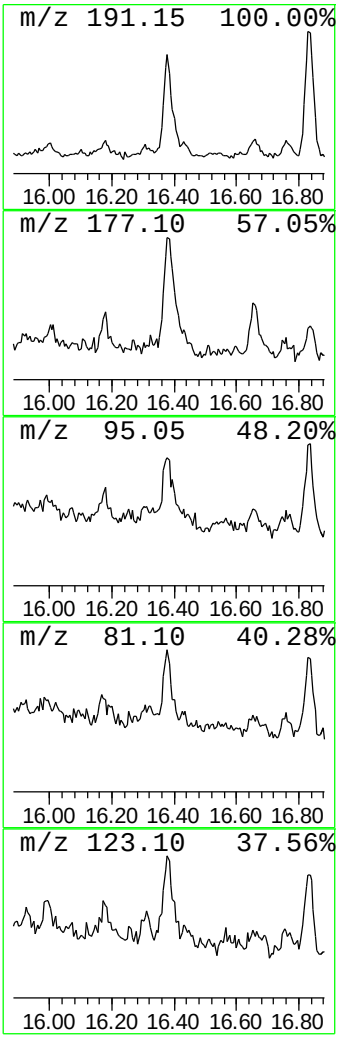
****

Peak Number 7 .beta.-iso-Methyl ionone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	9.39 ng	332546	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	50
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	47
3	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	46
4	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	43
5	3-Buten-2-one, 4-(2,5,6,6-tetram...	206	C14H22O	000079-70-9	38





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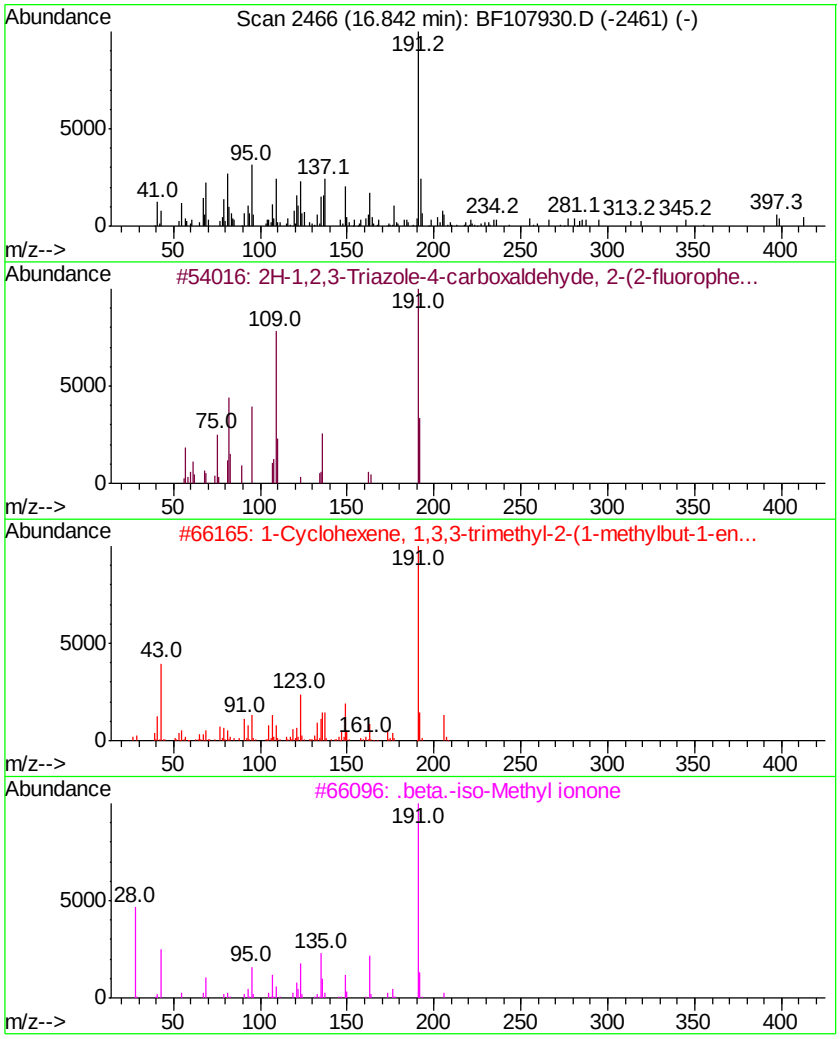
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

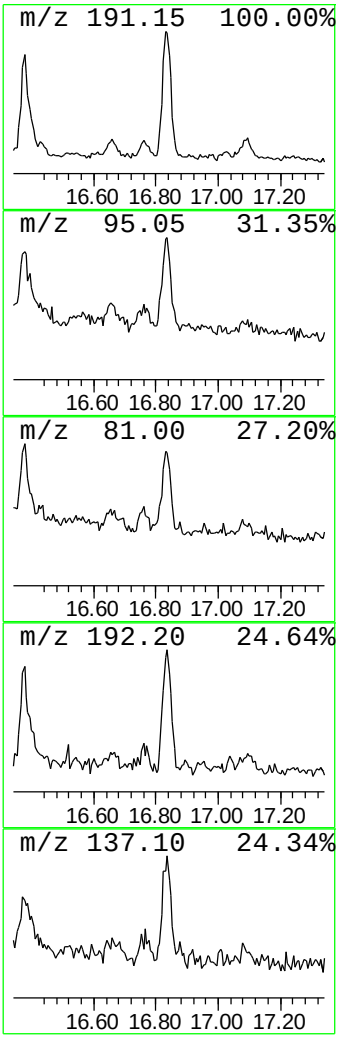
****

Peak Number 8 2H-1,2,3-Triazole-4-carboxa... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	6.65 ng	235302	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	52
2	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	47
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	38
4	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	38
5	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	32





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.18	3.6	ng	160218	1	6.96	891963	20.0
unknown6.73	6.73	64.5	ng	2878280	1	6.96	891963	20.0
Cyclopentasiloxan...	7.67	3.1	ng	147936	2	8.24	965035	20.0
Tridecanoic acid	11.99	7.7	ng	354665	4	11.49	917707	20.0
Z-5-Nonadecene	13.95	5.5	ng	243885	5	14.14	894556	20.0
.beta.-iso-Methyl...	16.38	9.4	ng	332546	6	15.68	707987	20.0
2H-1,2,3-Triazole...	16.84	6.7	ng	235302	6	15.68	707987	20.0