LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102500.D
Acq On : 27 Jan 2018 10:35
Operator : SJ/JU
Sample : J1256-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-1-(WW1-4)

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-BF012218.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	4.922	478	482	494	rVB	129269	190252	4.38%	0.493%
2	5.334	547	552	555	rBV	3798077	3943300	90.86%	10.216%
3	6.363	722	727	743	rBV	3372366	4339923	100.00%	11.243%
4	6.487	743	748	751	rBV	4138263	4023849	92.72%	10.424%
5	6.710	783	786	790	rBV	1173862	1018918	23.48%	2.640%
6	6.869	808	813	816	rBV	3455191	3071302	70.77%	7.957%
7	7.281	878	883	886	rBV	2554296	2680129	61.76%	6.943%
8	7.387	897	901	909	rVB2	52361	68582	1.58%	0.178%
9	7.992	1000	1004	1008	rBV	1414870	1385697	31.93%	3.590%
10	9.075	1182	1188	1191	rBV	4098426	4168854	96.06%	10.800%
11	9.469	1250	1255	1258	rBV	1571592	1274289	29.36%	3.301%
12	9.557	1266	1270	1276	rVB7	26539	43560	1.00%	0.113%
13	9.675	1286	1290	1293	rBV	92097	89054	2.05%	0.231%
14	9.751	1298	1303	1306	rVB	1565218	1503448	34.64%	3.895%
15	9.957	1333	1338	1341	rVB4	35076	47522	1.09%	0.123%
16	10.175	1372	1375	1378	rVB	143047	114139	2.63%	0.296%
17	10.392	1408	1412	1418	rBV2	45819	75699	1.74%	0.196%
18	10.463	1418	1424	1429	rBV2	57168	112529	2.59%	0.292%
19	10.545	1433	1438	1441	rBV	2211010	2310775	53.24%	5.986%
20	10.645	1452	1455	1460	rBV	144847	151938	3.50%	0.394%
21	10.833	1484	1487	1492	rBV3	41561	59918	1.38%	0.155%
22	10.881	1492	1495	1498	rBV2	54179	67864	1.56%	0.176%
23	11.092	1529	1531	1534	rBV	84271	76032	1.75%	0.197%
24	11.233	1551	1555	1558	rBV	1616394	1438952	33.16%	3.728%
25	11.763	1640	1645	1652	rBV2	215437	260143	5.99%	0.674%
26	11.910	1667	1670	1671	rBV3	57941	54914	1.27%	0.142%
27	12.445	1758	1761	1766	rBV	101107	106633	2.46%	0.276%
28	12.551	1776	1779	1785	rBV3	63461	62414	1.44%	0.162%
29	12.675	1798	1800	1804	rVB	66245	58494	1.35%	0.152%
30	12.822	1820	1825	1828	rBV	3349707	3258422	75.08%	8.441%
31	13.027	1857	1860	1865	rVB6	51571	75599	1.74%	0.196%
32	13.710	1973	1976	1984	rBV	615760	657384	15.15%	1.703%
33	13.874	2000	2004	2012	rVB	1004823	951632	21.93%	2.465%
34	15.304	2243	2247	2259	rVB	635692	858965	19.79%	2.225%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102500.D
Acq On : 27 Jan 2018 10:35
Operator : SJ/JU
Sample : J1256-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-1-(WW1-4)

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-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 38601125

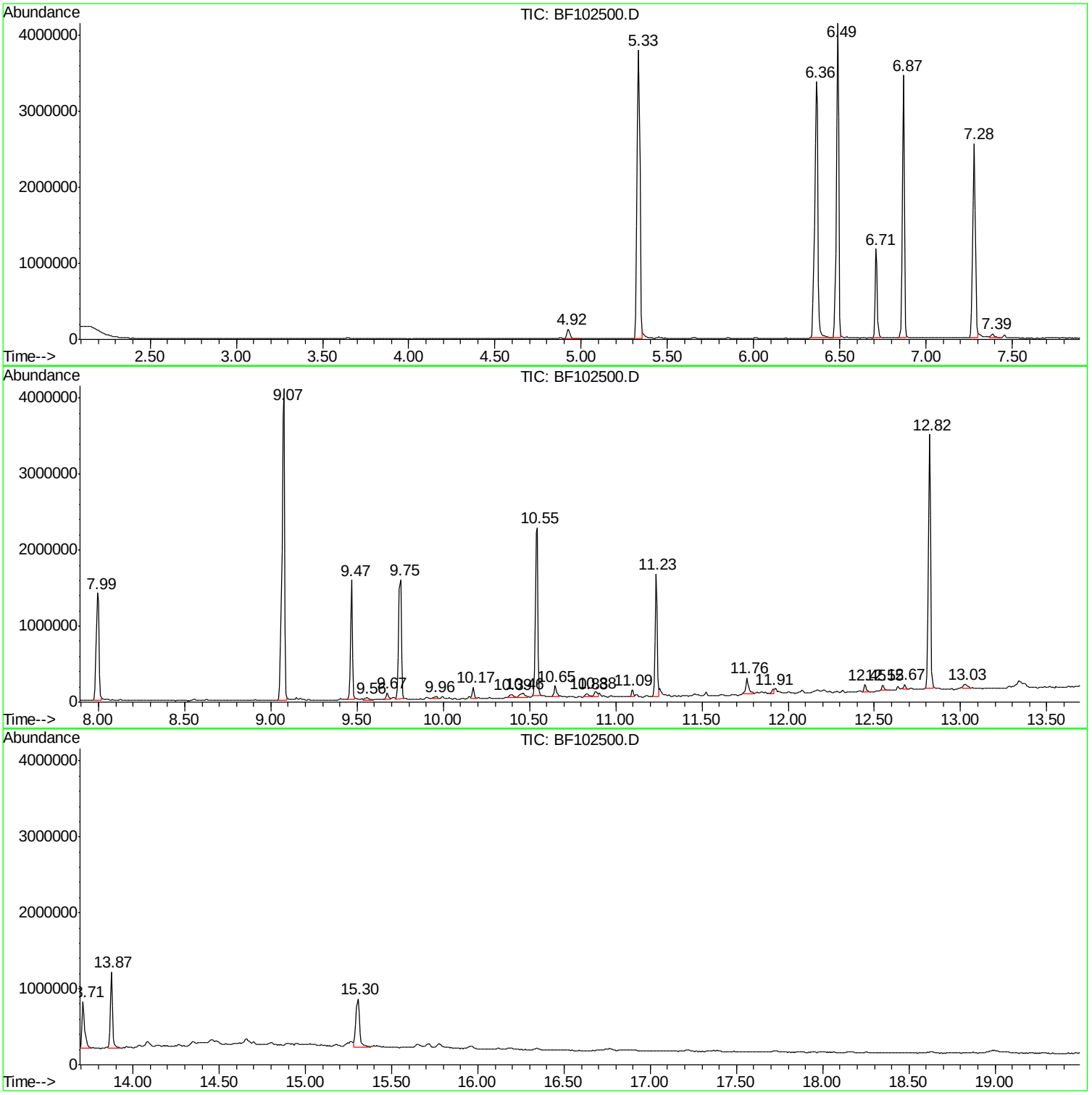
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102500.D
Acq On : 27 Jan 2018 10:35
Operator : SJ/JU
Sample : J1256-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-1-(WW1-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102500.D
Acq On : 27 Jan 2018 10:35
Operator : SJ/JU
Sample : J1256-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-1-(WW1-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

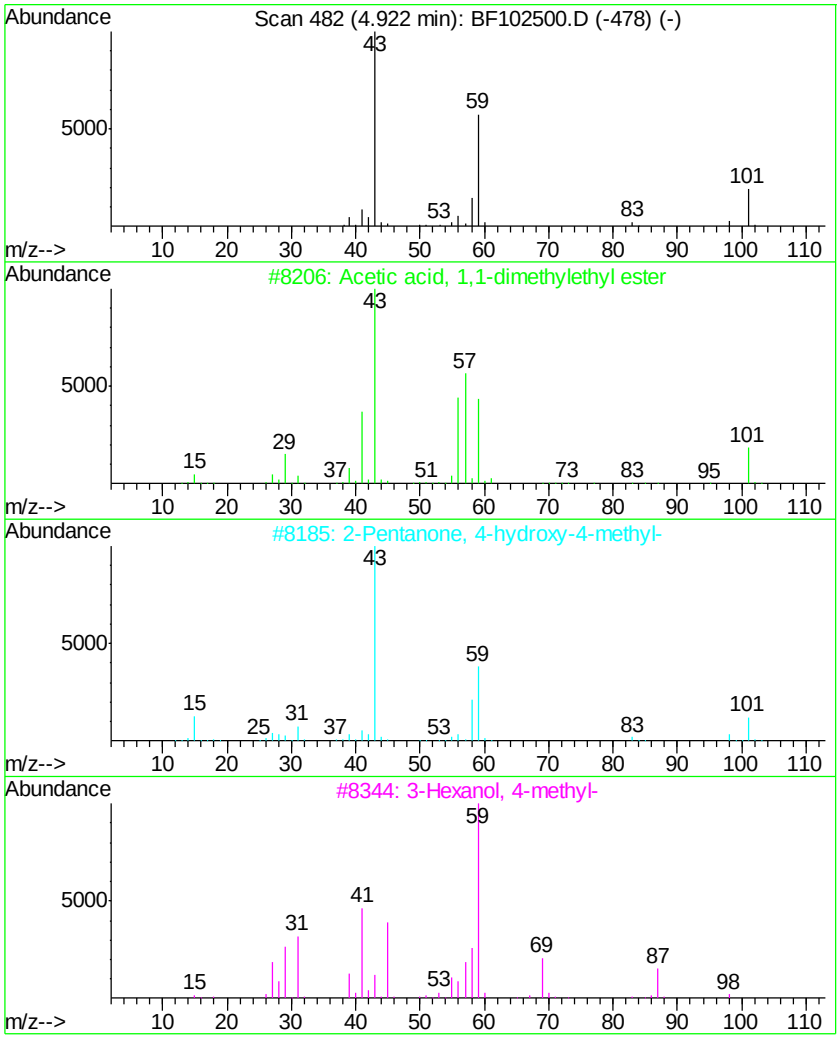
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

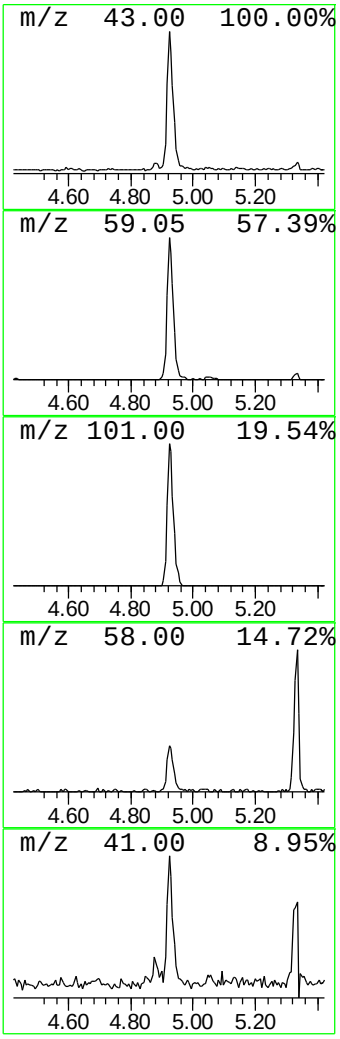
****

Peak Number 1 unknown4.92 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	3.73 ng	190252	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102500.D
Acq On : 27 Jan 2018 10:35
Operator : SJ/JU
Sample : J1256-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-1-(WW1-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

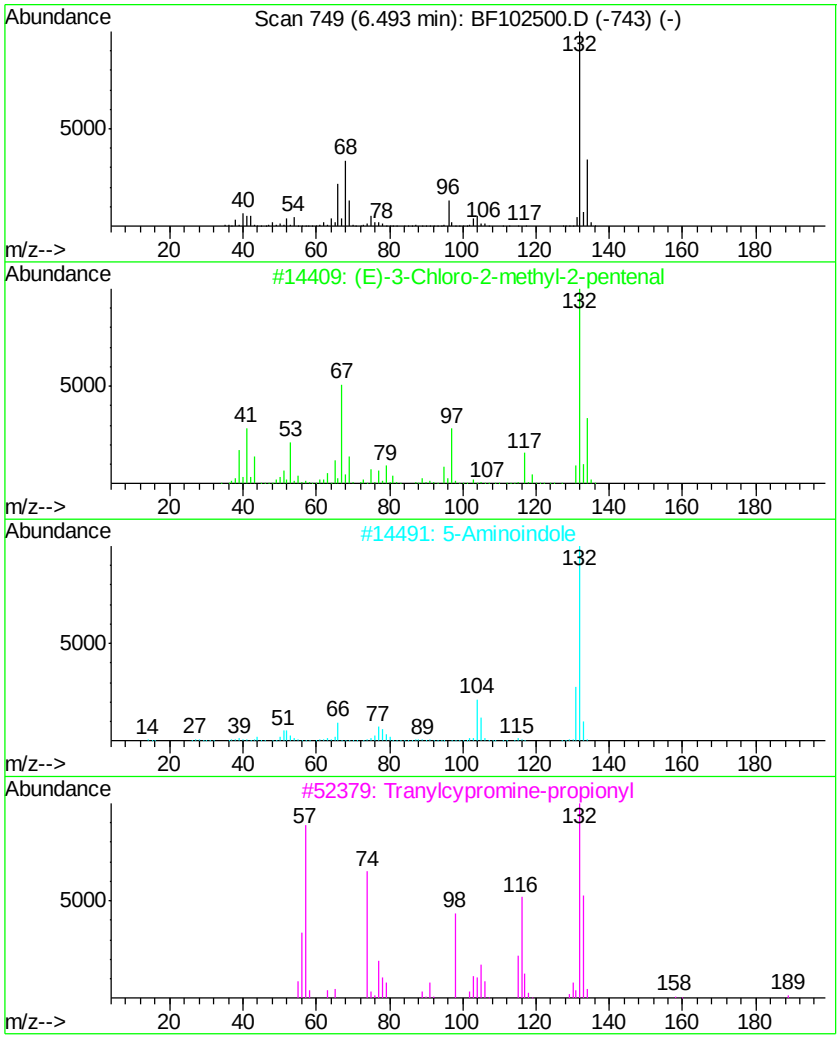
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

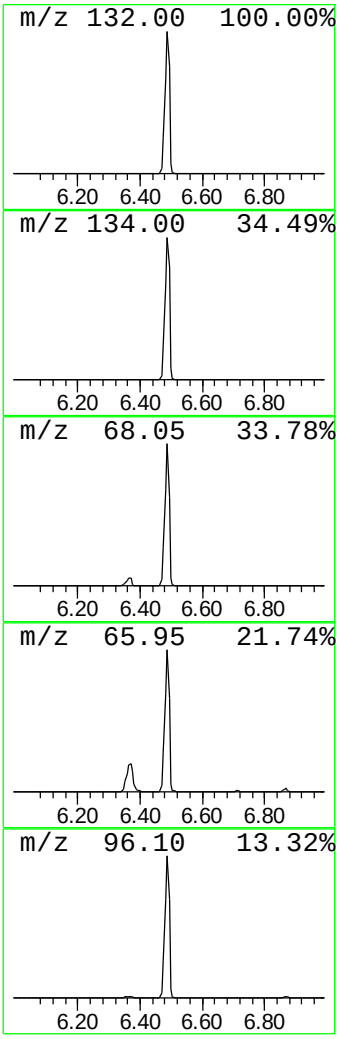
****

Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	78.98 ng	4023850	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
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	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102500.D
Acq On : 27 Jan 2018 10:35
Operator : SJ/JU
Sample : J1256-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-1-(WW1-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

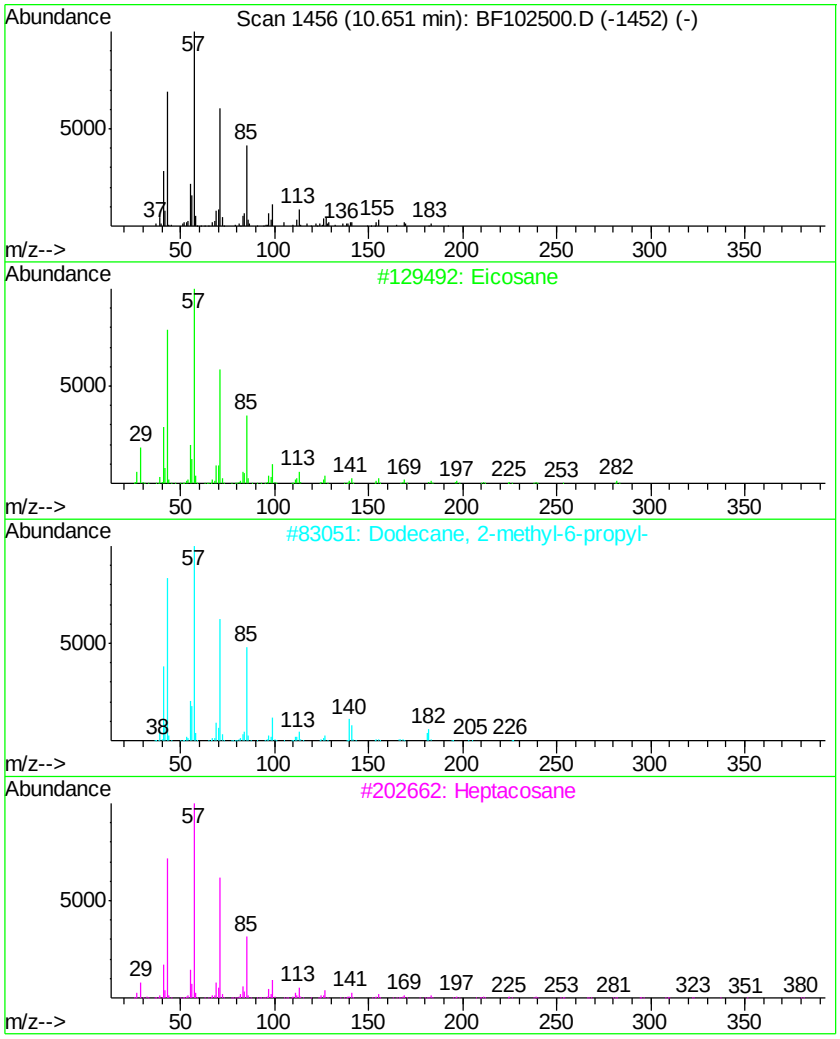
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

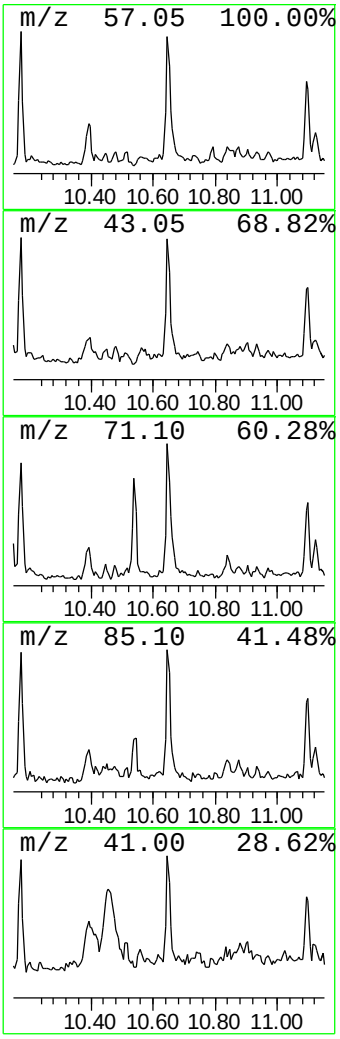
****

Peak Number 4 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	2.11 ng	151938	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Heptacosane	380	C27H56	000593-49-7	87
4	Pentadecane	212	C15H32	000629-62-9	87
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102500.D
Acq On : 27 Jan 2018 10:35
Operator : SJ/JU
Sample : J1256-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-1-(WW1-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

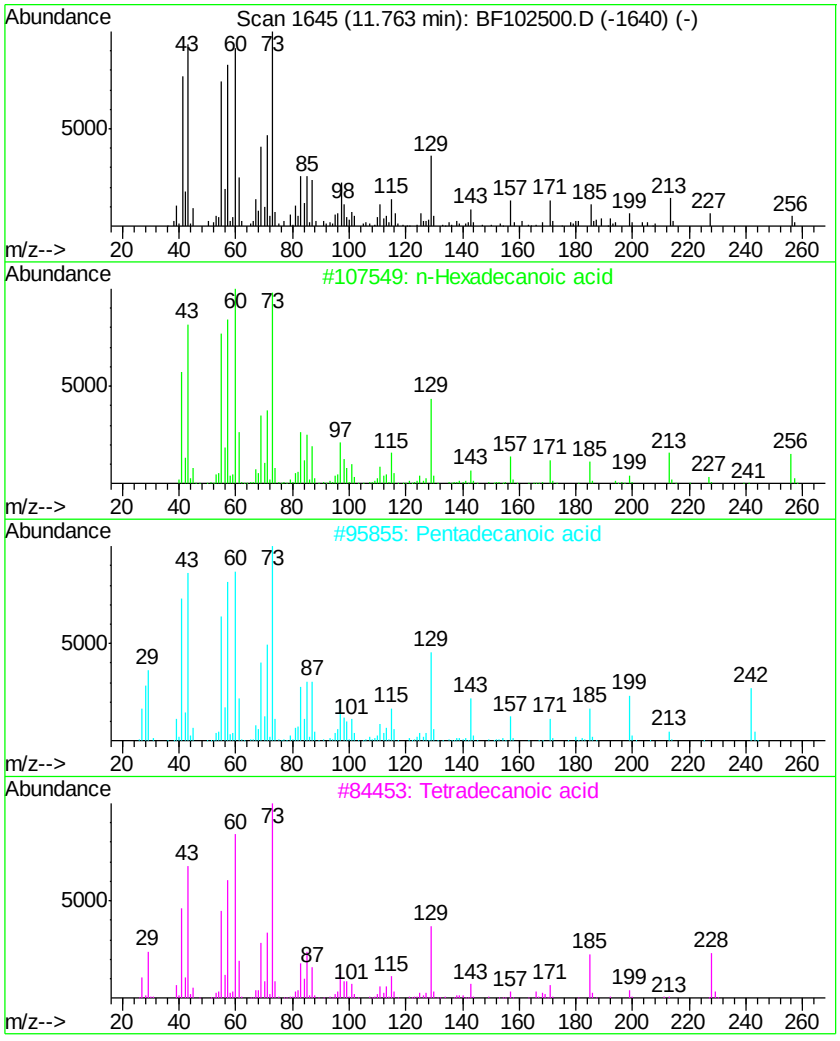
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

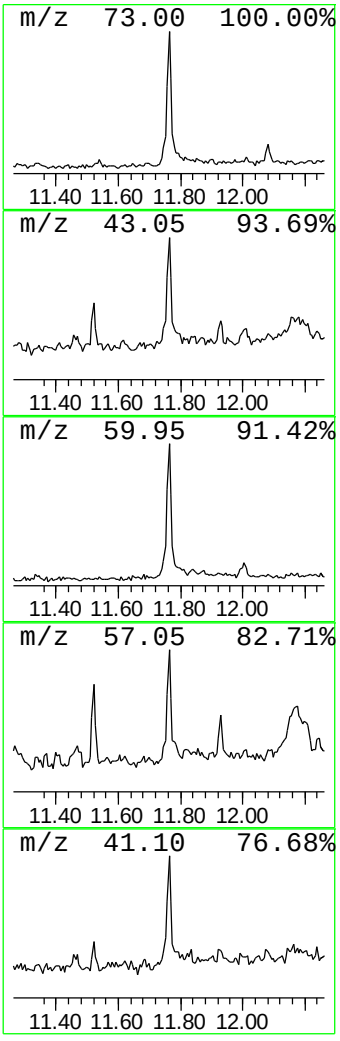
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	3.62 ng	260143	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Hexanoic acid	116	C6H12O2	000142-62-1	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102500.D
Acq On : 27 Jan 2018 10:35
Operator : SJ/JU
Sample : J1256-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-1-(WW1-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

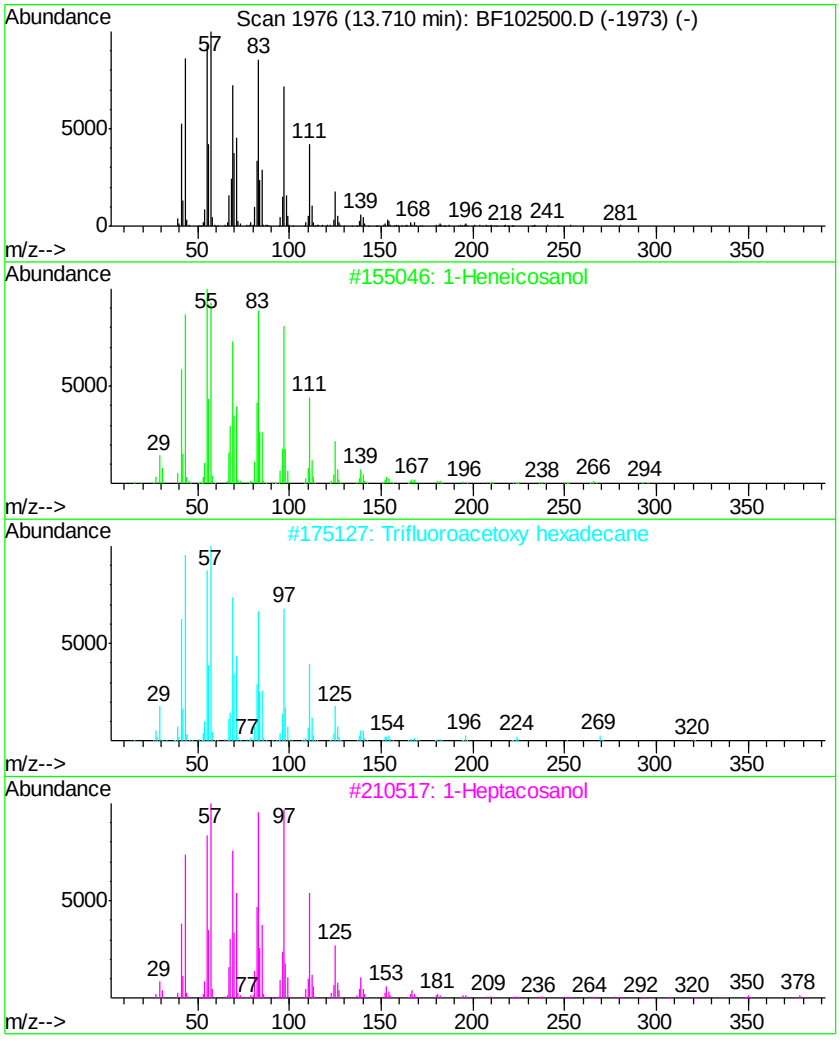
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

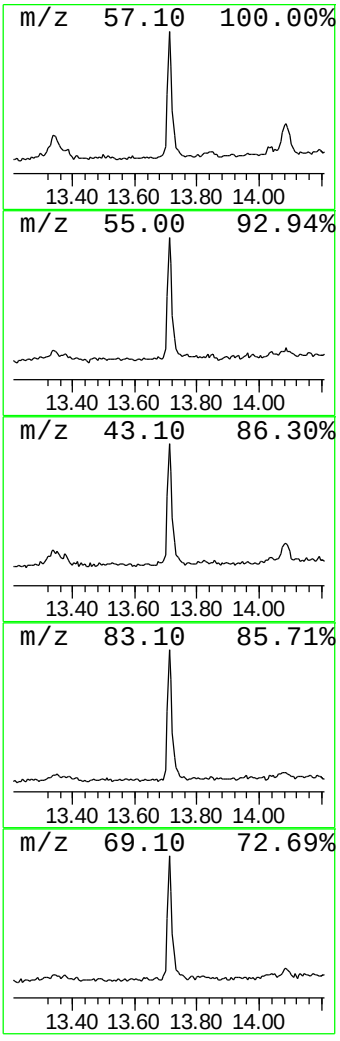
****

Peak Number 6 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	13.82 ng	657384	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102500.D
Acq On : 27 Jan 2018 10:35
Operator : SJ/JU
Sample : J1256-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-1-(WW1-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown4.92	4.92	3.7	ng	190252	1	6.71	1018920	20.0
unknown6.49	6.49	79.0	ng	4023850	1	6.71	1018920	20.0
Eicosane	10.65	2.1	ng	151938	4	11.23	1438950	20.0
n-Hexadecanoic acid	11.76	3.6	ng	260143	4	11.23	1438950	20.0
1-Heneicosanol	13.71	13.8	ng	657384	5	13.87	951632	20.0