LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109897.D
Acq On : 15 Oct 2018 23:28
Operator : JU/SJ
Sample : J5198-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101218-A

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-BF101518.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	2.287	29	34	42	rVB	374349	496455	17.75%	1.639%
2	5.204	526	530	536	rVB	102123	117384	4.20%	0.387%
3	5.592	591	596	599	rBV	2965308	2760745	98.72%	9.113%
4	6.587	760	765	769	rBV	3103390	2759863	98.69%	9.110%
5	6.739	787	791	795	rBV	2948594	2796554	100.00%	9.231%
6	6.975	828	831	835	rVB	1640693	1458439	52.15%	4.814%
7	7.134	854	858	861	rVB	2551570	2070820	74.05%	6.836%
8	7.534	922	926	929	rBV	1920153	1608280	57.51%	5.309%
9	8.257	1046	1049	1053	rBV	1915364	1743224	62.33%	5.754%
10	9.333	1228	1232	1235	rBV	2902622	2284936	81.71%	7.542%
11	9.722	1295	1298	1302	rBV	341636	272039	9.73%	0.898%
12	9.880	1322	1325	1328	rBV2	31709	30883	1.10%	0.102%
13	9.927	1330	1333	1336	rVB3	30866	31235	1.12%	0.103%
14	10.016	1343	1348	1352	rBV	1836728	1666141	59.58%	5.500%
15	10.427	1413	1418	1422	rVB4	28852	45827	1.64%	0.151%
16	10.804	1478	1482	1486	rBV	1621960	1329360	47.54%	4.388%
17	10.922	1497	1502	1506	rBV2	41713	53411	1.91%	0.176%
18	11.510	1598	1602	1604	rBV	1907570	1614464	57.73%	5.329%
19	11.533	1604	1606	1610	rVB	206137	168437	6.02%	0.556%
20	12.016	1684	1688	1691	rBV2	159604	180218	6.44%	0.595%
21	12.121	1703	1706	1709	rBV2	49954	58068	2.08%	0.192%
22	12.327	1739	1741	1746	rVB2	52931	48815	1.75%	0.161%
23	12.557	1777	1780	1782	rBV2	38171	37336	1.34%	0.123%
24	12.645	1792	1795	1798	rBV	30265	35049	1.25%	0.116%
25	12.721	1805	1808	1812	rBV	463052	375954	13.44%	1.241%
26	12.804	1820	1822	1826	rBV4	38120	50394	1.80%	0.166%
27	12.951	1841	1847	1853	rBV	390519	402082	14.38%	1.327%
28	13.092	1867	1871	1874	rBV	2394098	1956508	69.96%	6.458%
29	13.280	1900	1903	1906	rVB	78119	75760	2.71%	0.250%
30	13.345	1912	1914	1917	rVB	50429	39953	1.43%	0.132%
31	13.974	2018	2021	2027	rBV4	201698	216085	7.73%	0.713%
32	14.151	2047	2051	2054	rBV	2045347	1950843	69.76%	6.440%
33	14.174	2054	2055	2059	rVB	163663	124857	4.46%	0.412%
34	15.680	2306	2311	2319	rVB	985300	1434302	51.29%	4.734%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109897.D
Acq On : 15 Oct 2018 23:28
Operator : JU/SJ
Sample : J5198-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101218-A

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-BF101518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 30294721

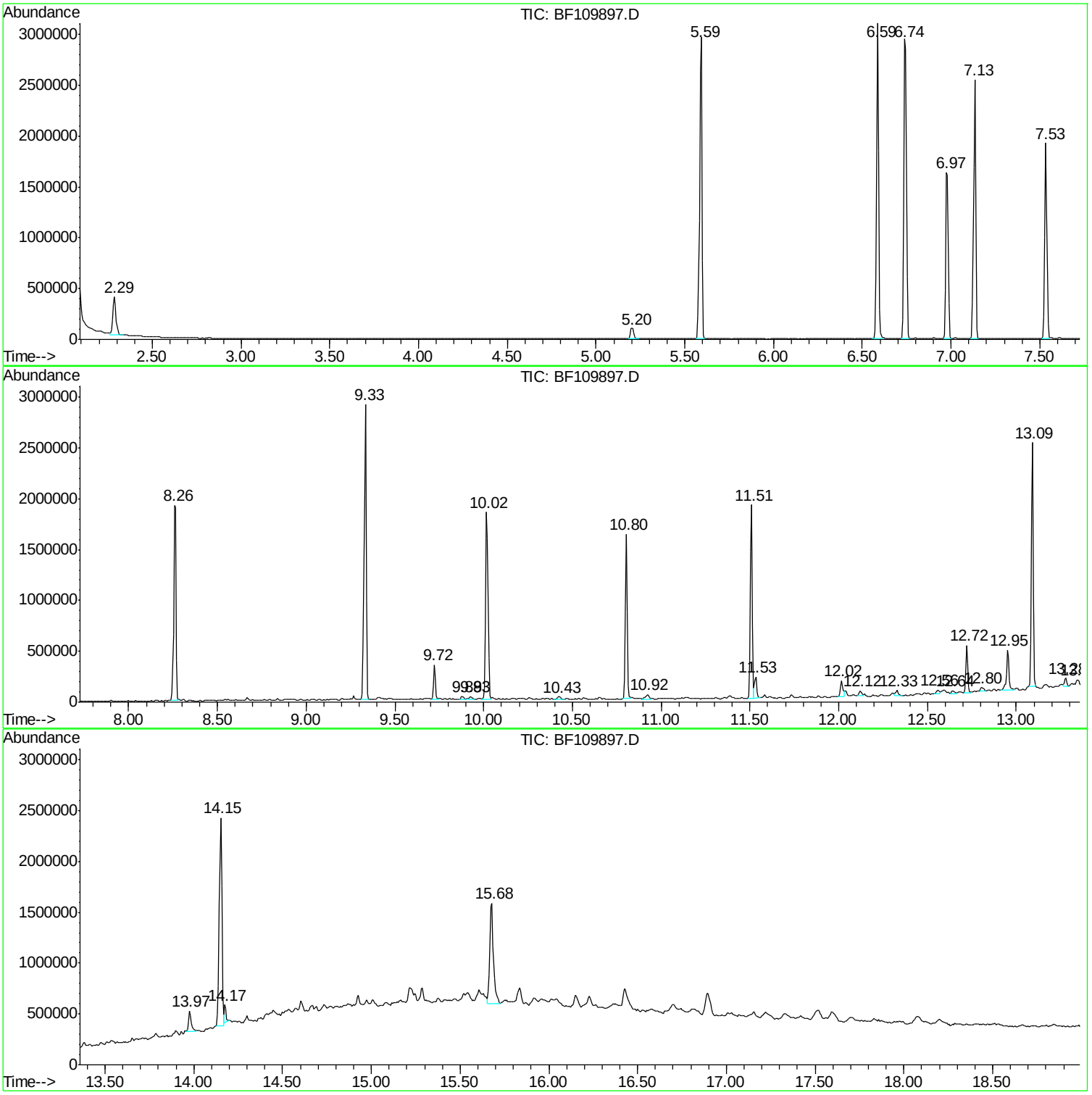
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109897.D
Acq On : 15 Oct 2018 23:28
Operator : JU/SJ
Sample : J5198-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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\BF101518\
Data File : BF109897.D
Acq On : 15 Oct 2018 23:28
Operator : JU/SJ
Sample : J5198-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

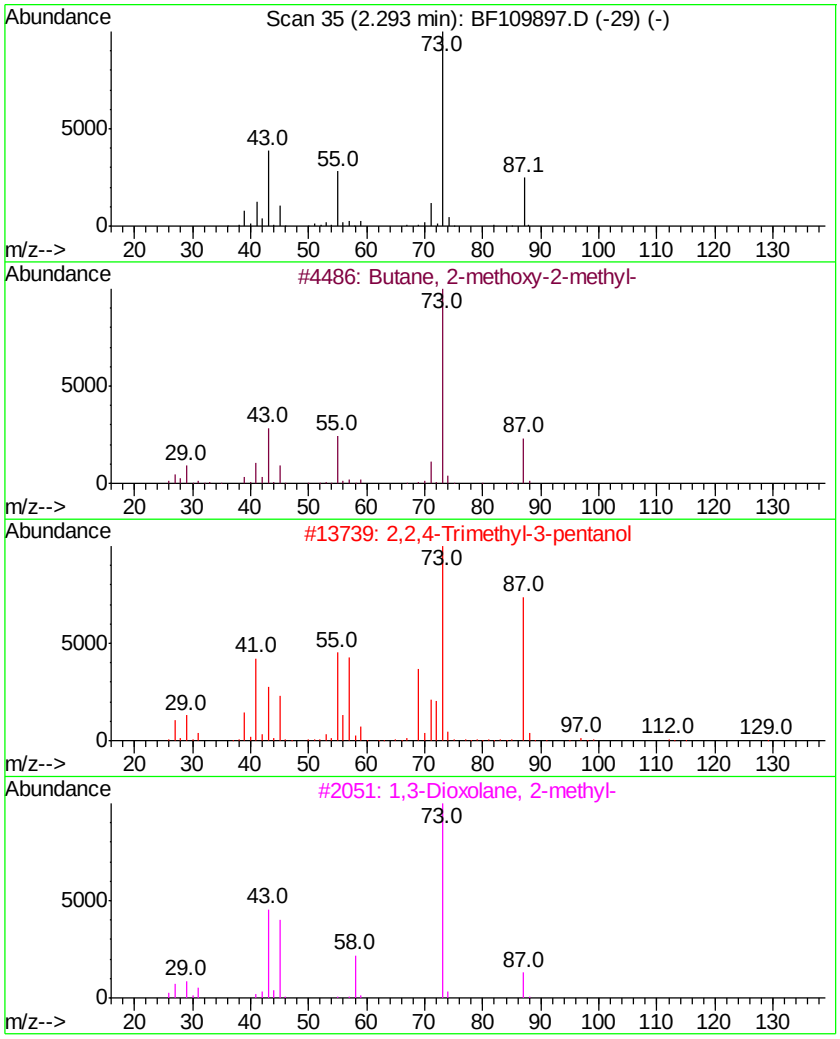
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

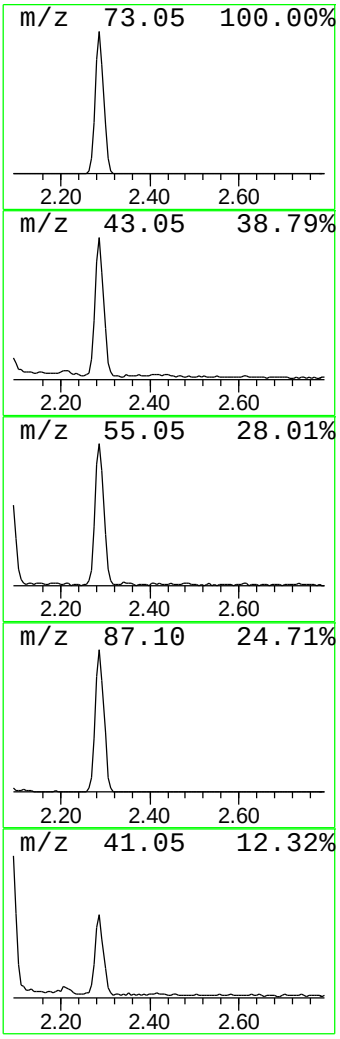
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.29	6.81 ng	496455	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109897.D
Acq On : 15 Oct 2018 23:28
Operator : JU/SJ
Sample : J5198-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

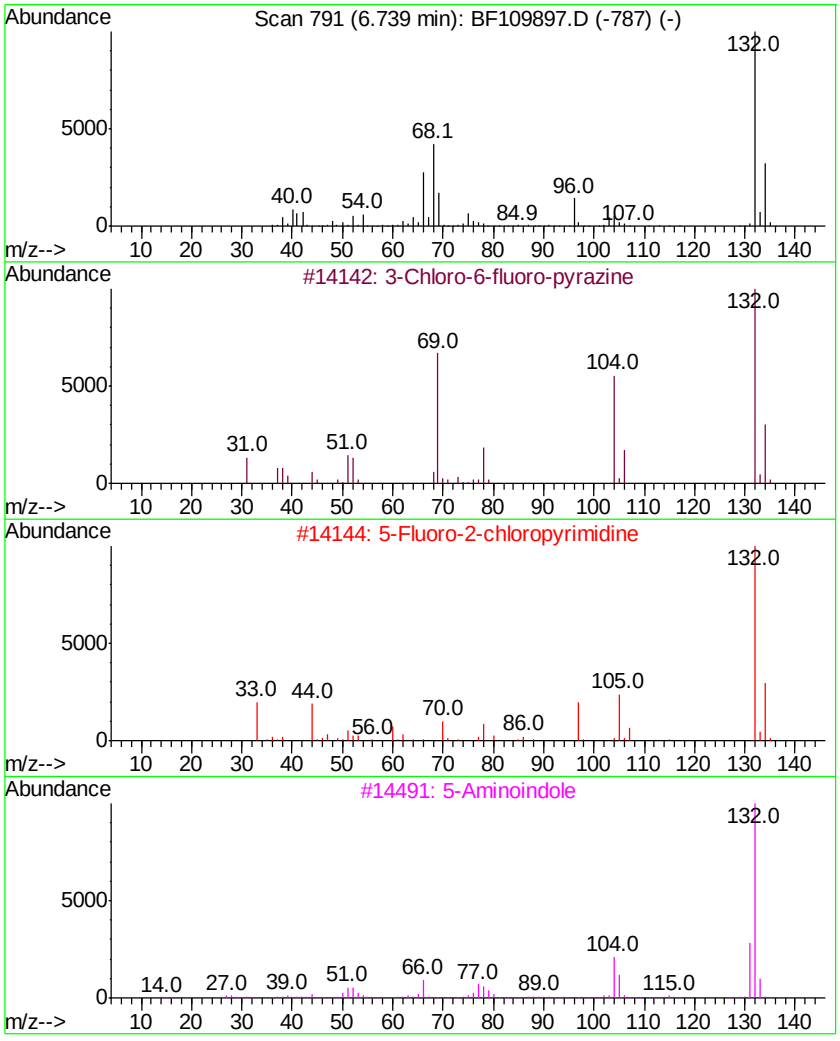
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

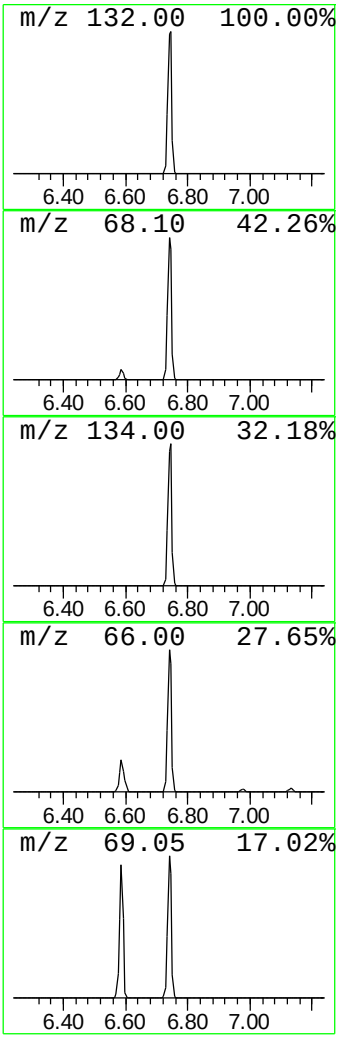
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	38.35 ng	2796550	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109897.D
Acq On : 15 Oct 2018 23:28
Operator : JU/SJ
Sample : J5198-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

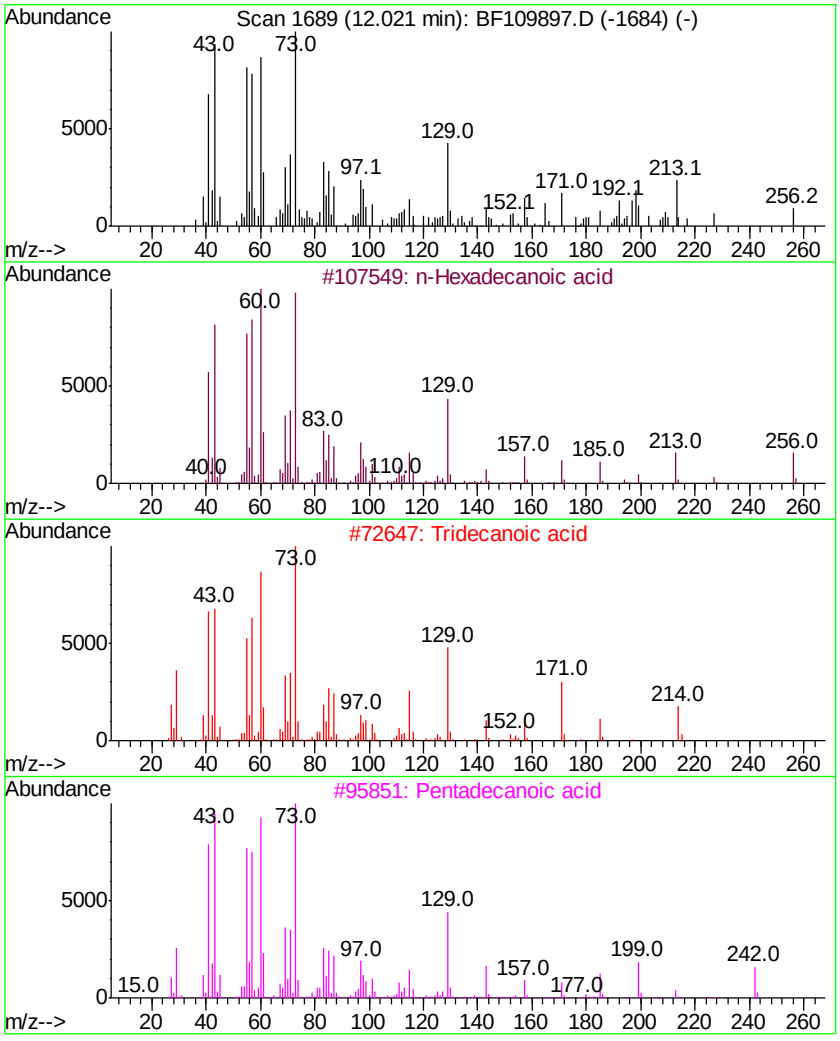
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

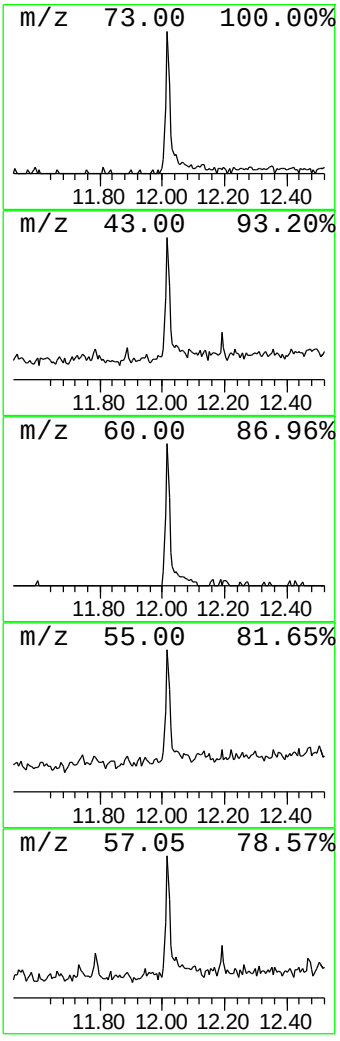
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.23 ng	180218	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Nonanoic acid	158	C9H18O2	000112-05-0	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109897.D
Acq On : 15 Oct 2018 23:28
Operator : JU/SJ
Sample : J5198-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

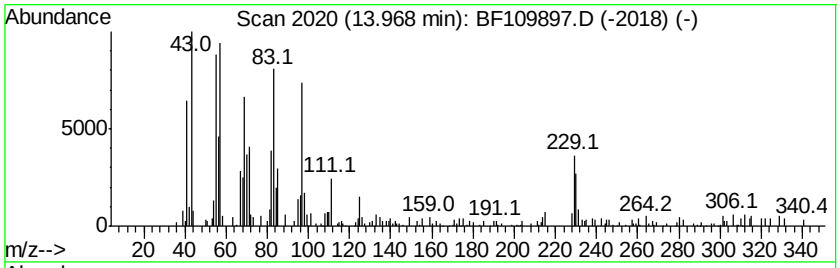
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

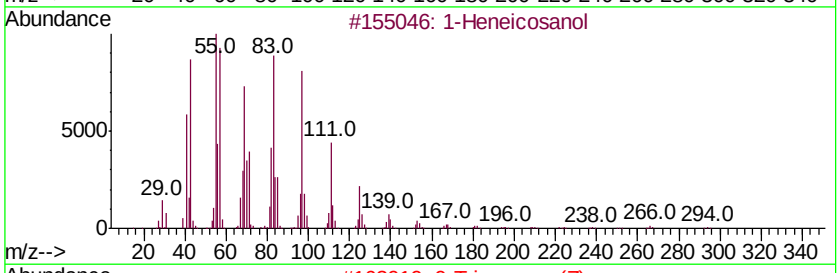
****

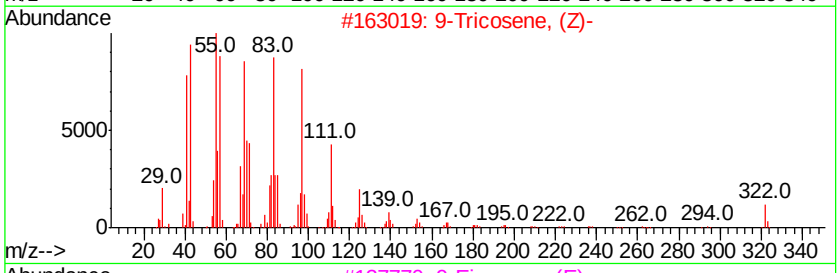
Peak Number 5 1-Heneicosanol Concentration Rank 5

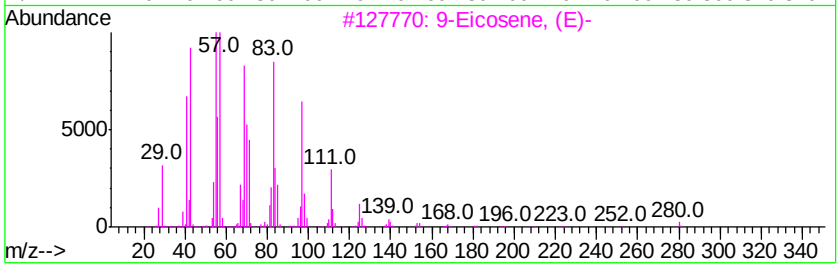
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.22 ng	216085	Chrysene-d12	14.15

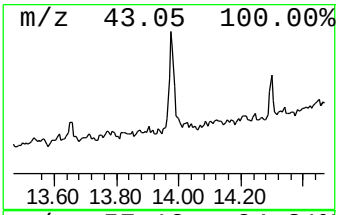
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4	1-Tricosene	322	C23H46	018835-32-0	93
5	1-Nonadecene	266	C19H38	018435-45-5	93

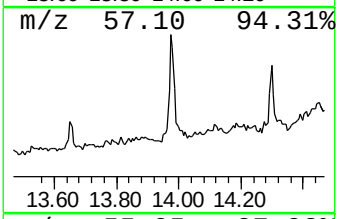


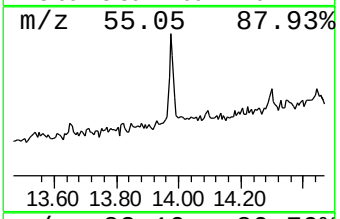


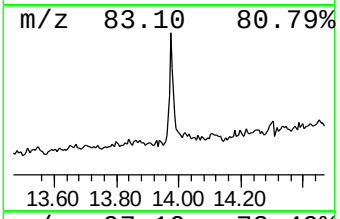


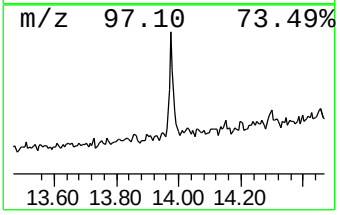












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101518\
Data File : BF109897.D
Acq On : 15 Oct 2018 23:28
Operator : JU/SJ
Sample : J5198-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.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
Butane, 2-methoxy...	2.29	6.8	ng	496455	1	6.98	1458440	20.0
unknown6.74	6.74	38.4	ng	2796550	1	6.98	1458440	20.0
n-Hexadecanoic acid	12.02	2.2	ng	180218	4	11.51	1614460	20.0
1-Heneicosanol	13.97	2.2	ng	216085	5	14.15	1950840	20.0