LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF105007.D
Acq On : 2 May 2018 3:19
Operator : JU/SJ
Sample : J2571-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 042418-SIDI-E-U-B

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-BF040618.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	4.981	488	492	501	rBV	169107	198289	6.01%	1.014%
2	5.398	560	563	585	rBV	927320	967569	29.34%	4.946%
3	6.422	734	737	751	rBV	619614	674249	20.44%	3.447%
4	6.557	756	760	763	rBV	2000898	1686125	51.12%	8.620%
5	6.787	795	799	807	rBV	782806	610264	18.50%	3.120%
6	6.945	821	826	829	rBV	2579290	2299962	69.73%	11.758%
7	7.357	891	896	899	rBV	1596066	1767311	53.58%	9.035%
8	7.528	922	925	928	rVB	52410	46892	1.42%	0.240%
9	8.075	1014	1018	1038	rBV	822200	828722	25.13%	4.236%
10	9.151	1196	1201	1204	rBV	3570191	3298149	100.00%	16.860%
11	9.545	1263	1268	1275	rBV	258219	257425	7.81%	1.316%
12	9.751	1299	1303	1307	rBV	105870	83554	2.53%	0.427%
13	9.828	1311	1316	1324	rVB2	966750	897395	27.21%	4.588%
14	10.251	1385	1388	1391	rVB	149884	115945	3.52%	0.593%
15	10.469	1419	1425	1428	rBV	37630	49256	1.49%	0.252%
16	10.622	1447	1451	1460	rBV	1220279	1156037	35.05%	5.910%
17	10.722	1465	1468	1474	rBV	125507	120993	3.67%	0.619%
18	11.174	1541	1545	1547	rBV	50946	42997	1.30%	0.220%
19	11.322	1566	1570	1579	rBV	782651	730958	22.16%	3.737%
20	12.910	1835	1840	1843	rBV	2542706	2352939	71.34%	12.028%
21	13.815	1990	1994	2004	rBV	168486	214103	6.49%	1.095%
22	13.992	2020	2024	2034	rBV	530601	564608	17.12%	2.886%
23	14.257	2057	2069	2072	rBV5	14759	42855	1.30%	0.219%
24	15.521	2278	2284	2297	rBV	382232	518208	15.71%	2.649%
25	16.015	2364	2368	2374	rBV7	19537	36810	1.12%	0.188%

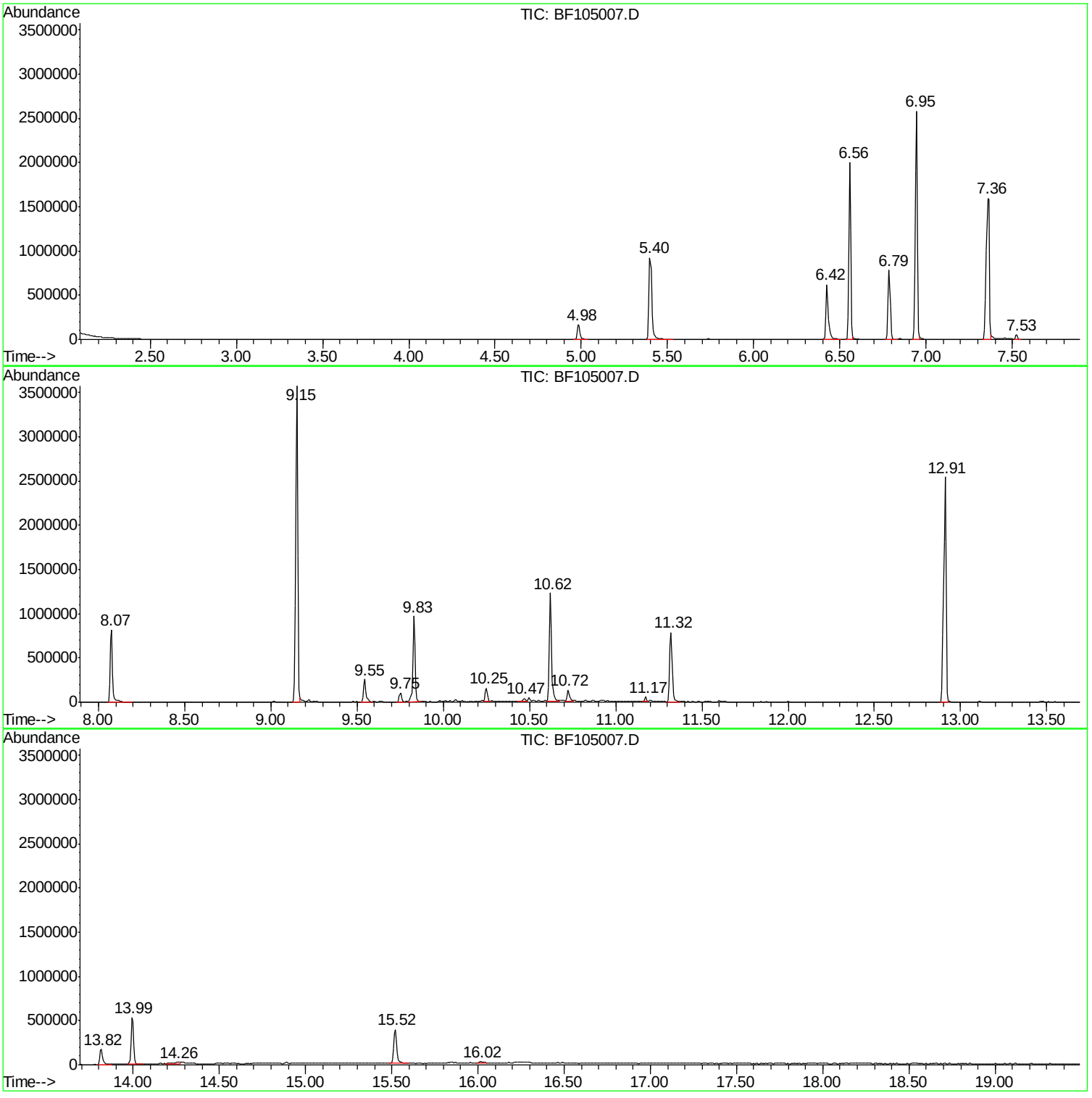
Sum of corrected areas: 19561615

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF105007.D
Acq On : 2 May 2018 3:19
Operator : JU/SJ
Sample : J2571-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
042418-SIDI-E-U-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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\BF050118\
Data File : BF105007.D
Acq On : 2 May 2018 3:19
Operator : JU/SJ
Sample : J2571-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 042418-SIDI-E-U-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

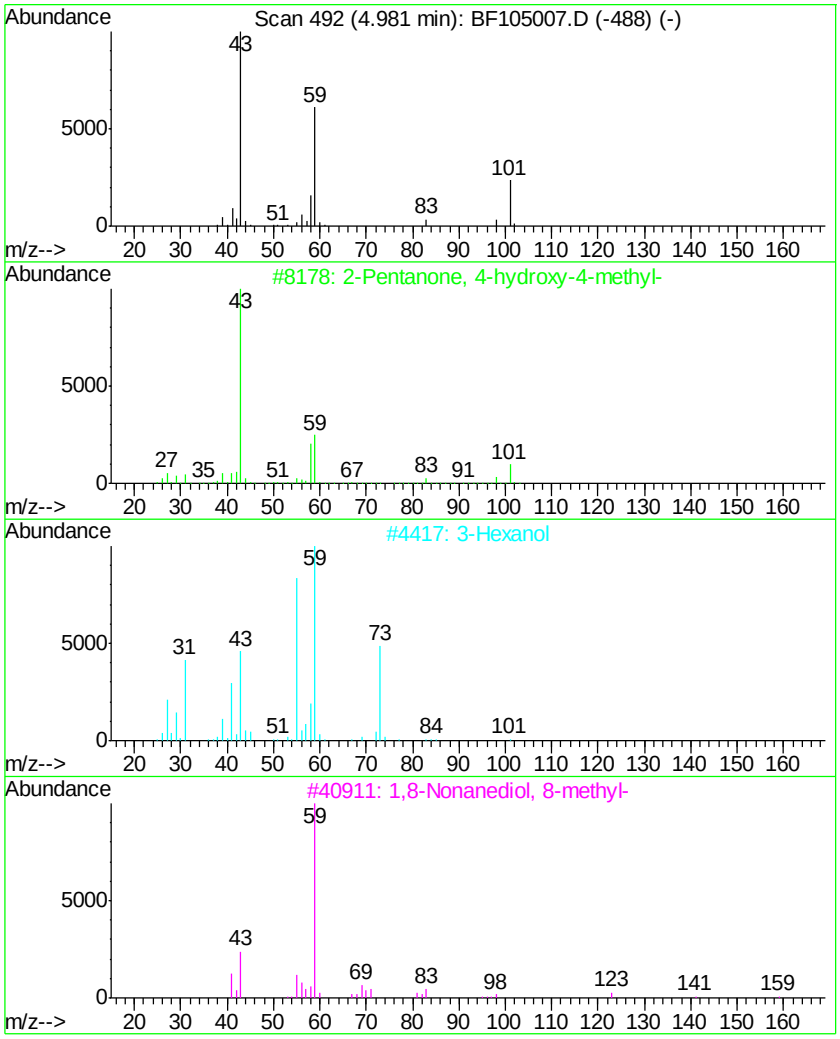
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

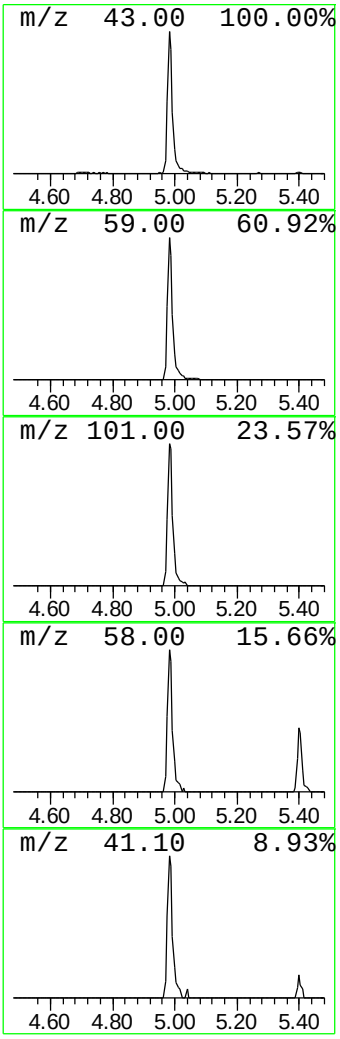
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	6.50 ng	198289	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol	102	C6H14O	000623-37-0	25
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF105007.D
Acq On : 2 May 2018 3:19
Operator : JU/SJ
Sample : J2571-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 042418-SIDI-E-U-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

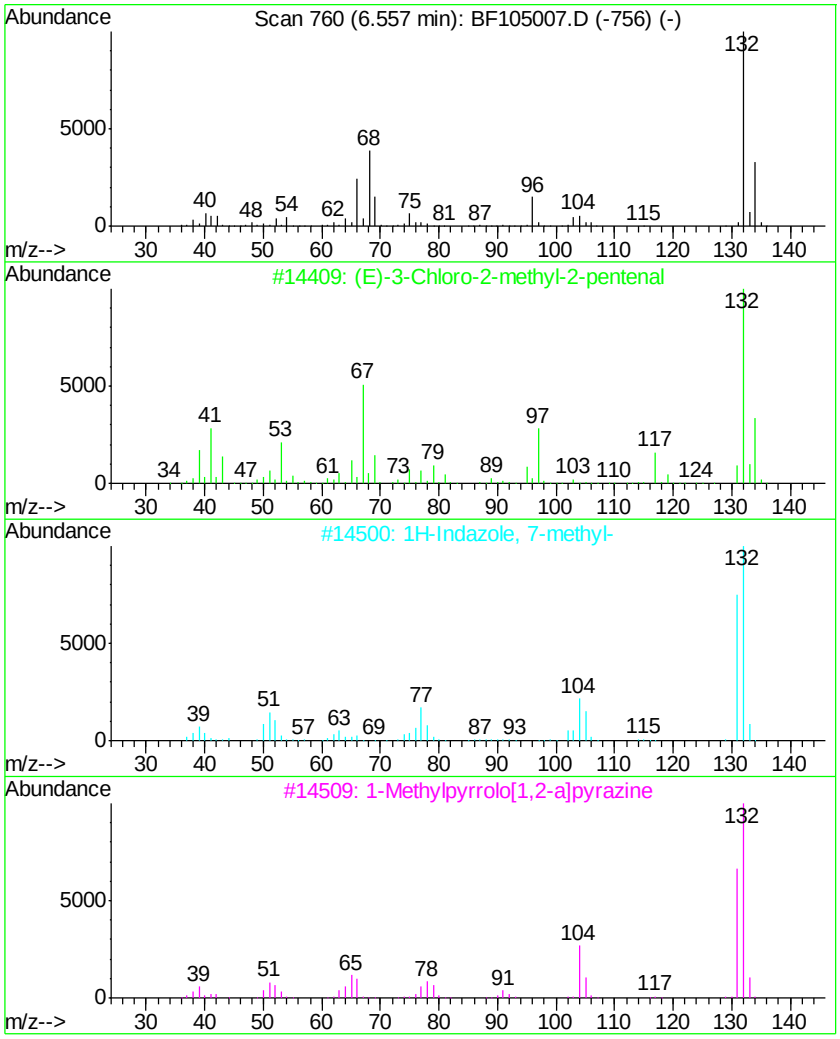
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

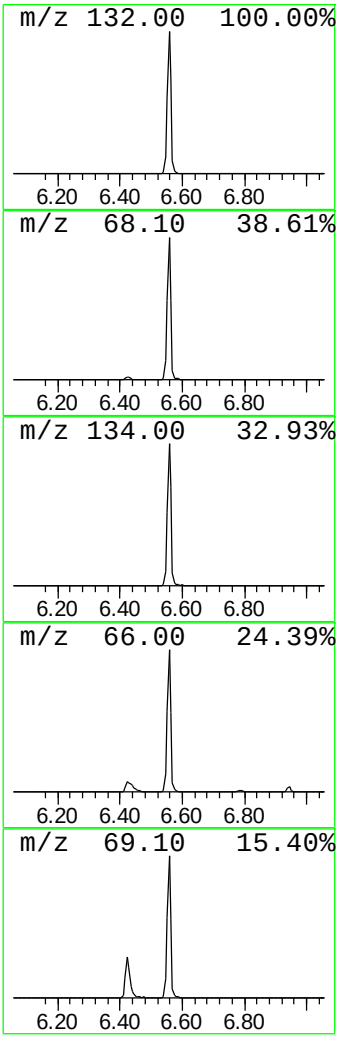
****

Peak Number 2 unknown6.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	55.26 ng	1686130	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF105007.D
Acq On : 2 May 2018 3:19
Operator : JU/SJ
Sample : J2571-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 042418-SIDI-E-U-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

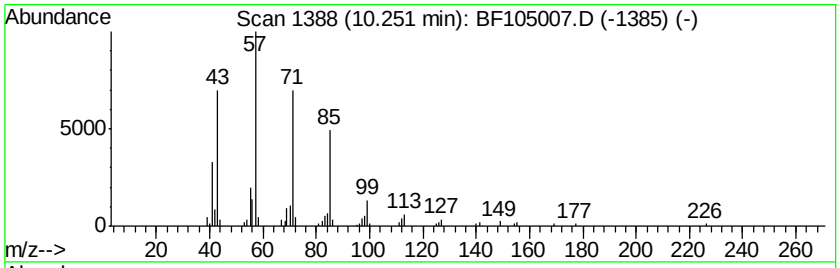
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

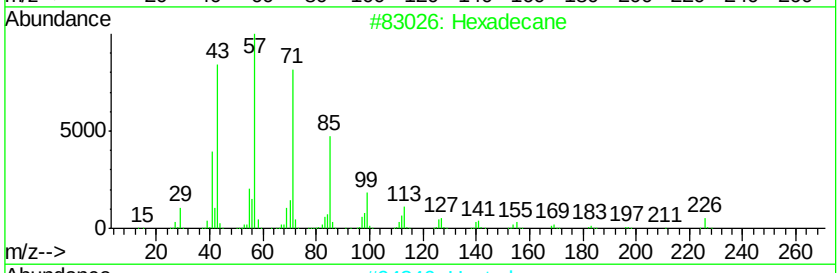
****

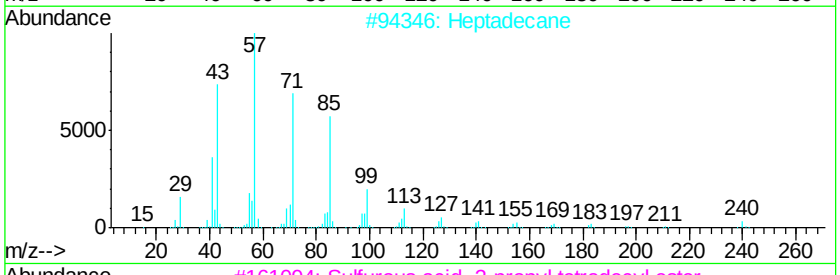
Peak Number 4 Hexadecane Concentration Rank 6

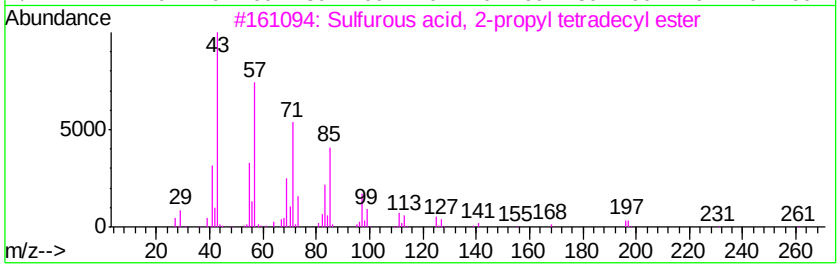
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	2.58 ng	115945	Acenaphthene-d10	9.83

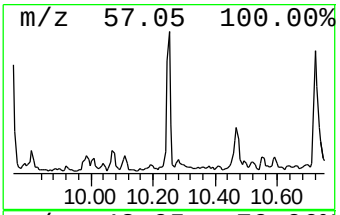
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heptadecane	240	C17H36	000629-78-7	90
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86

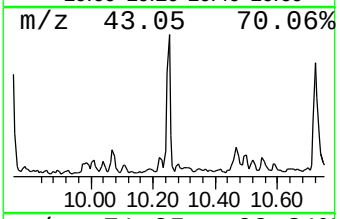


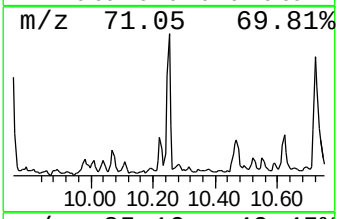


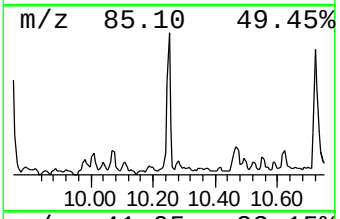


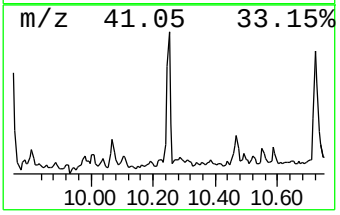












Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF105007.D
Acq On : 2 May 2018 3:19
Operator : JU/SJ
Sample : J2571-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 042418-SIDI-E-U-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

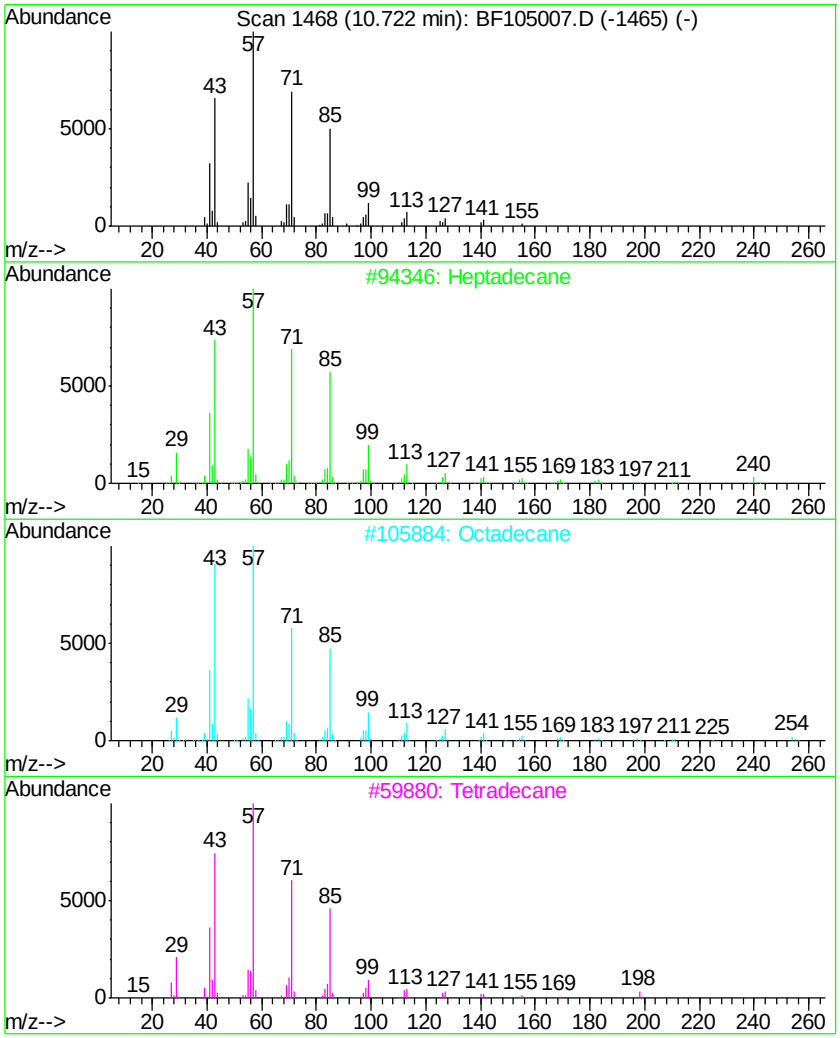
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

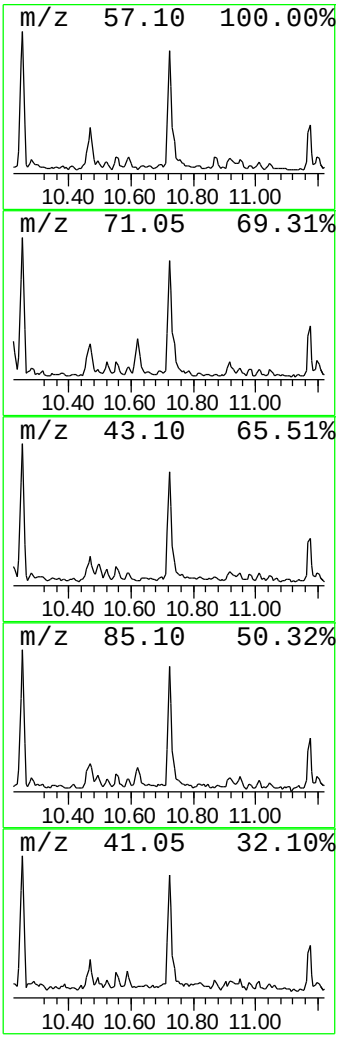
****

Peak Number 5 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	3.31 ng	120993	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Octadecane	254	C18H38	000593-45-3	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Pentadecane	212	C15H32	000629-62-9	86
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF105007.D
Acq On : 2 May 2018 3:19
Operator : JU/SJ
Sample : J2571-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
042418-SIDI-E-U-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

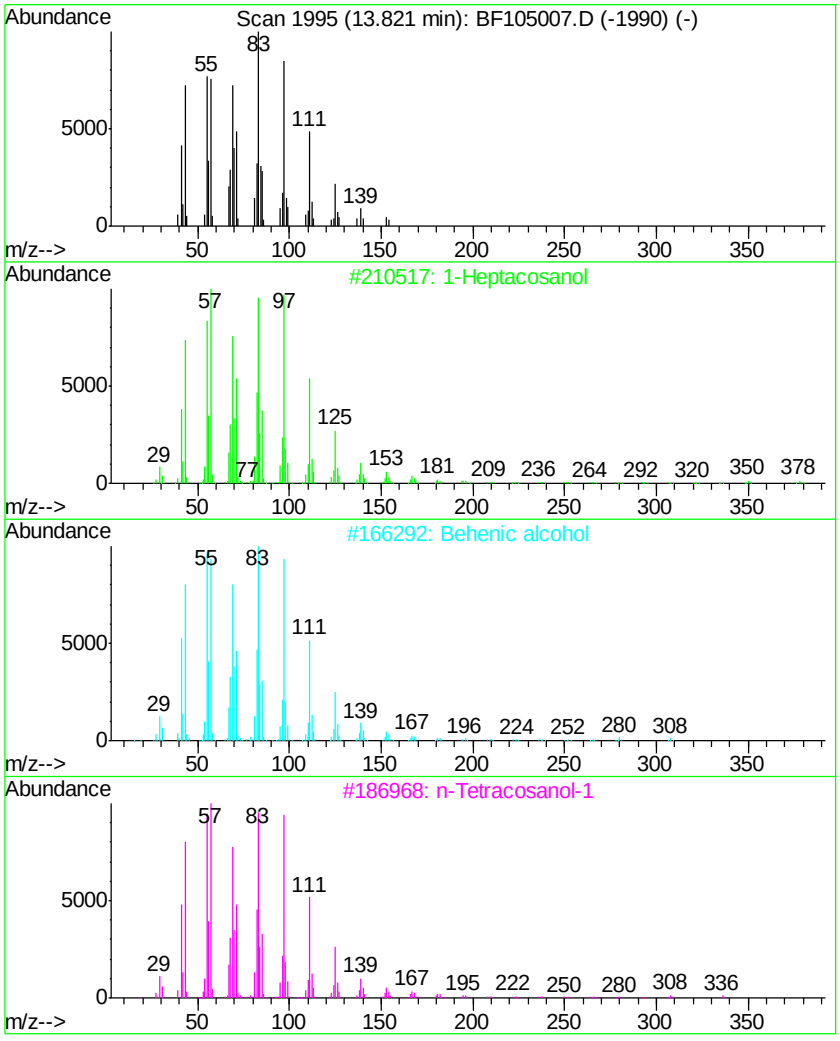
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

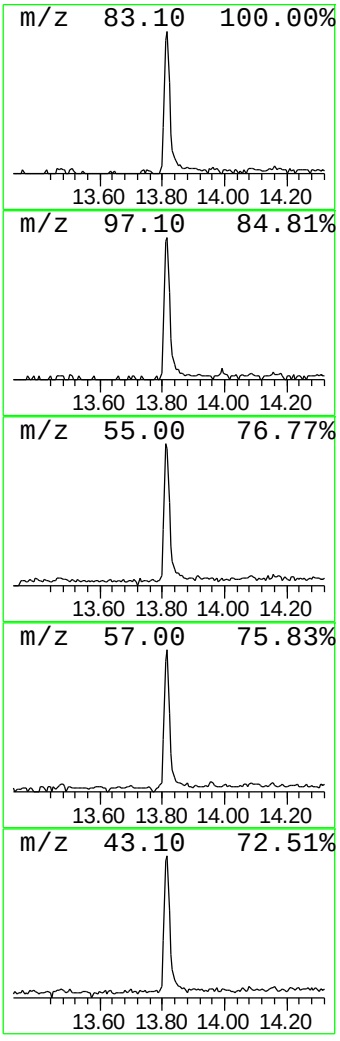
****

Peak Number 6 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	7.58 ng	214103	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF105007.D
Acq On : 2 May 2018 3:19
Operator : JU/SJ
Sample : J2571-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 042418-SIDI-E-U-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
2-Pentanone, 4-hy...	4.98	6.5	ng	198289	1	6.79	610264	20.0
unknown6.56	6.56	55.3	ng	1686130	1	6.79	610264	20.0
Hexadecane	10.25	2.6	ng	115945	3	9.83	897395	20.0
Heptadecane	10.72	3.3	ng	120993	4	11.32	730958	20.0
1-Heptacosanol	13.82	7.6	ng	214103	5	13.99	564608	20.0