LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111478.D
Acq On : 15 Dec 2018 19:39
Operator : JU/SJ
Sample : J6373-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A-FRAME

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-BF121418.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	3.257	196	199	206	rBV2	16736	40742	1.14%	0.144%
2	4.998	489	495	502	rBV	133660	170548	4.77%	0.602%
3	5.422	563	567	570	rBV	3544102	3177466	88.80%	11.220%
4	6.440	735	740	758	rBV	3538454	3578193	100.00%	12.635%
5	6.569	758	762	765	rBV	3921304	3305017	92.37%	11.670%
6	6.792	797	800	807	rBV	1065974	895897	25.04%	3.163%
7	6.951	823	827	830	rBV	3174287	2625743	73.38%	9.272%
8	7.351	891	895	908	rBV	1988784	2063720	57.67%	7.287%
9	8.075	1014	1018	1034	rBV	1184887	1061609	29.67%	3.749%
10	9.151	1197	1201	1214	rBV	3531839	3115913	87.08%	11.002%
11	9.545	1265	1268	1277	rVB	223413	213000	5.95%	0.752%
12	9.828	1313	1316	1327	rVB	998300	947271	26.47%	3.345%
13	10.616	1446	1450	1462	rBV	1629021	1516039	42.37%	5.353%
14	11.316	1565	1569	1572	rBV	921345	840473	23.49%	2.968%
15	11.845	1656	1659	1662	rBV	106406	111841	3.13%	0.395%
16	12.527	1772	1775	1778	rBV	60948	63156	1.77%	0.223%
17	12.627	1789	1792	1798	rBV2	66076	110013	3.07%	0.388%
18	12.757	1811	1814	1816	rVB	54094	48124	1.34%	0.170%
19	12.898	1834	1838	1847	rBV	2650492	2476275	69.20%	8.744%
20	13.810	1990	1993	1998	rBV	122091	139320	3.89%	0.492%
21	13.951	2012	2017	2020	rBV	998692	951011	26.58%	3.358%
22	14.121	2044	2046	2050	rBV	75622	77882	2.18%	0.275%
23	14.427	2096	2098	2101	rBV	81546	75579	2.11%	0.267%
24	14.727	2147	2149	2152	rVB	83658	75118	2.10%	0.265%
25	15.057	2203	2205	2209	rVB2	83818	76332	2.13%	0.270%
26	15.392	2258	2262	2266	rBV	443778	564076	15.76%	1.992%

Sum of corrected areas: 28320358

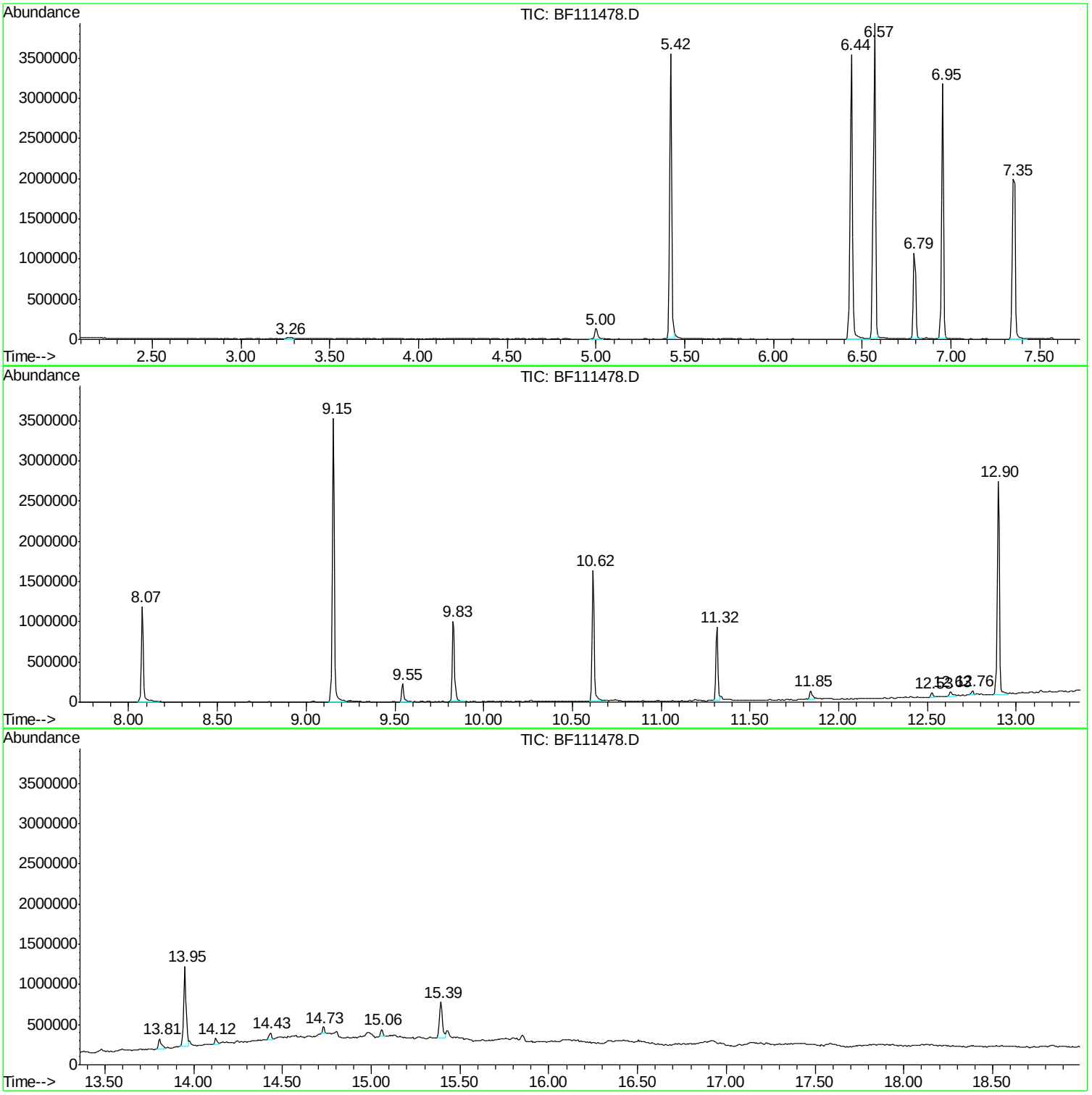
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111478.D
Acq On : 15 Dec 2018 19:39
Operator : JU/SJ
Sample : J6373-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A-FRAME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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\BF121518\
Data File : BF111478.D
Acq On : 15 Dec 2018 19:39
Operator : JU/SJ
Sample : J6373-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A-FRAME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

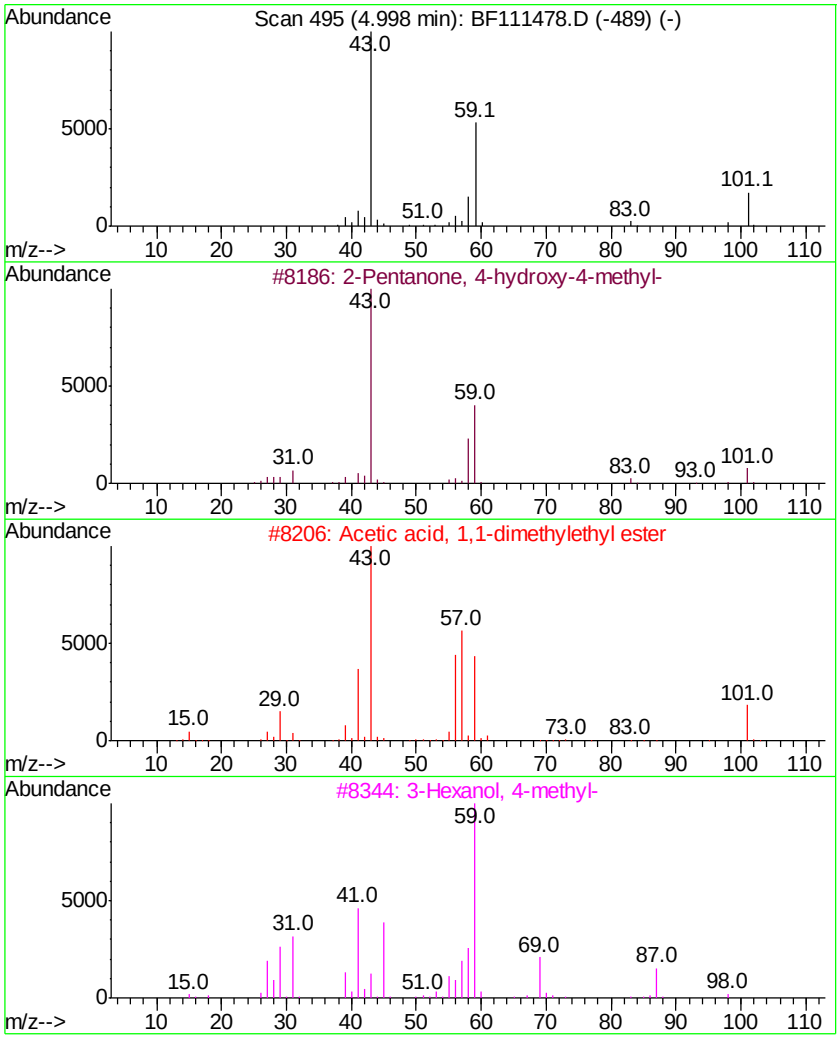
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

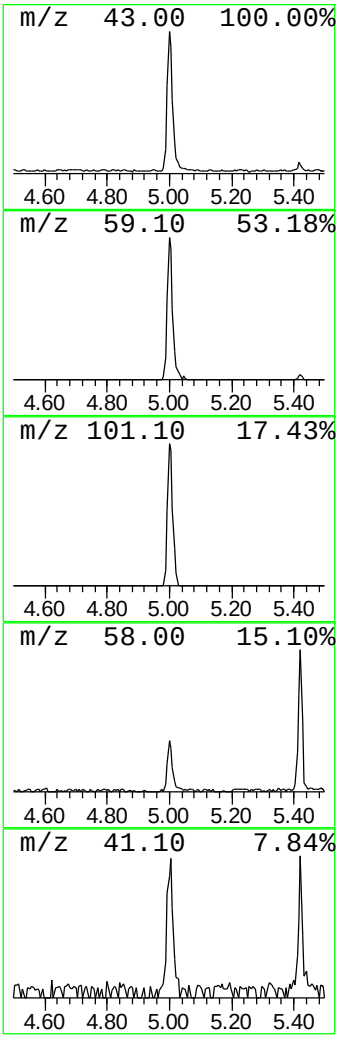
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.81 ng	170548	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	45
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111478.D
Acq On : 15 Dec 2018 19:39
Operator : JU/SJ
Sample : J6373-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A-FRAME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

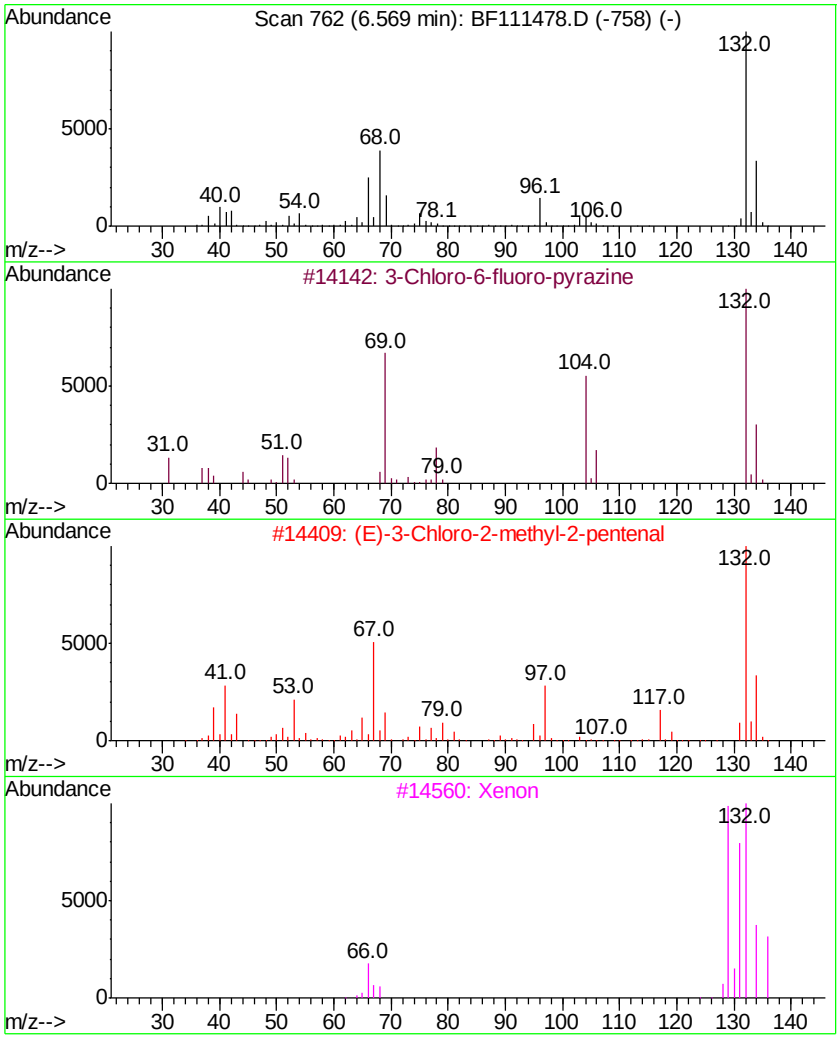
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

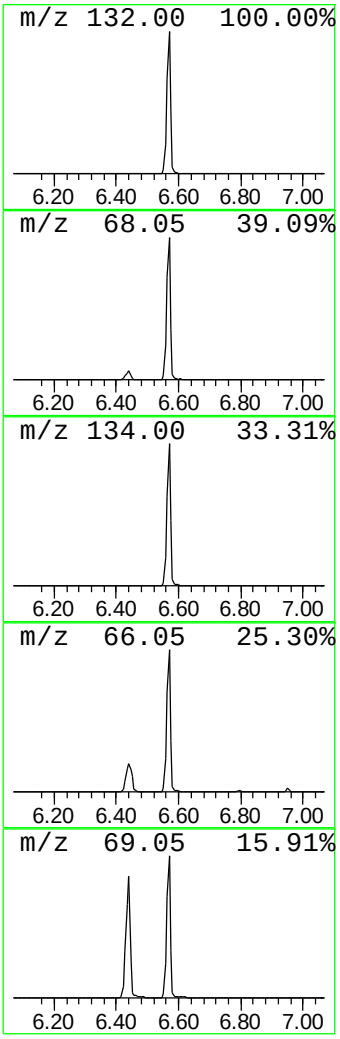
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	73.78 ng	3305020	1,4-Dichlorobenzene-d4	6.79

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	Xenon	132	Xe	007440-63-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111478.D
Acq On : 15 Dec 2018 19:39
Operator : JU/SJ
Sample : J6373-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A-FRAME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

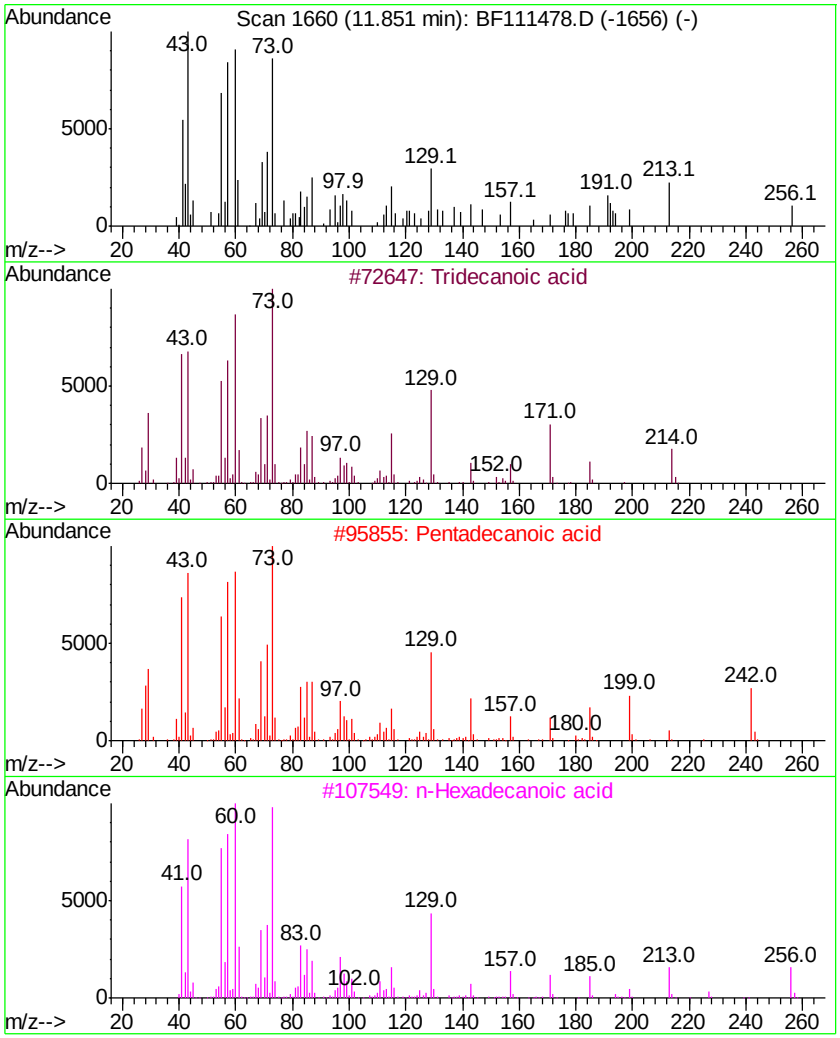
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

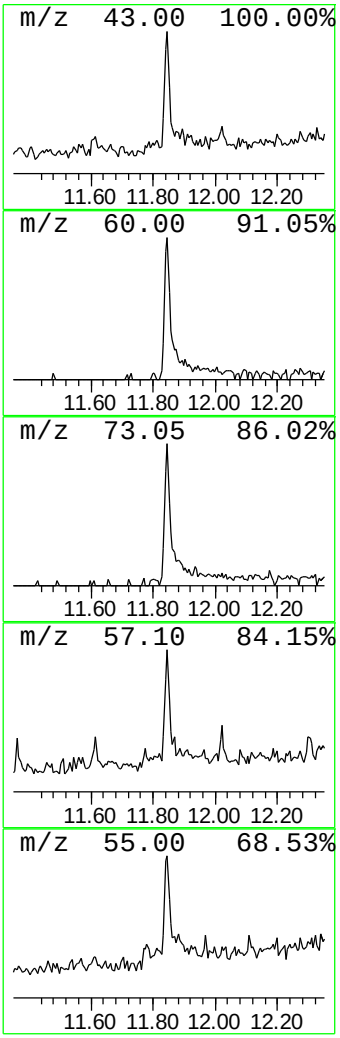
****

Peak Number 4 Tridecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.66 ng	111841	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111478.D
Acq On : 15 Dec 2018 19:39
Operator : JU/SJ
Sample : J6373-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A-FRAME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

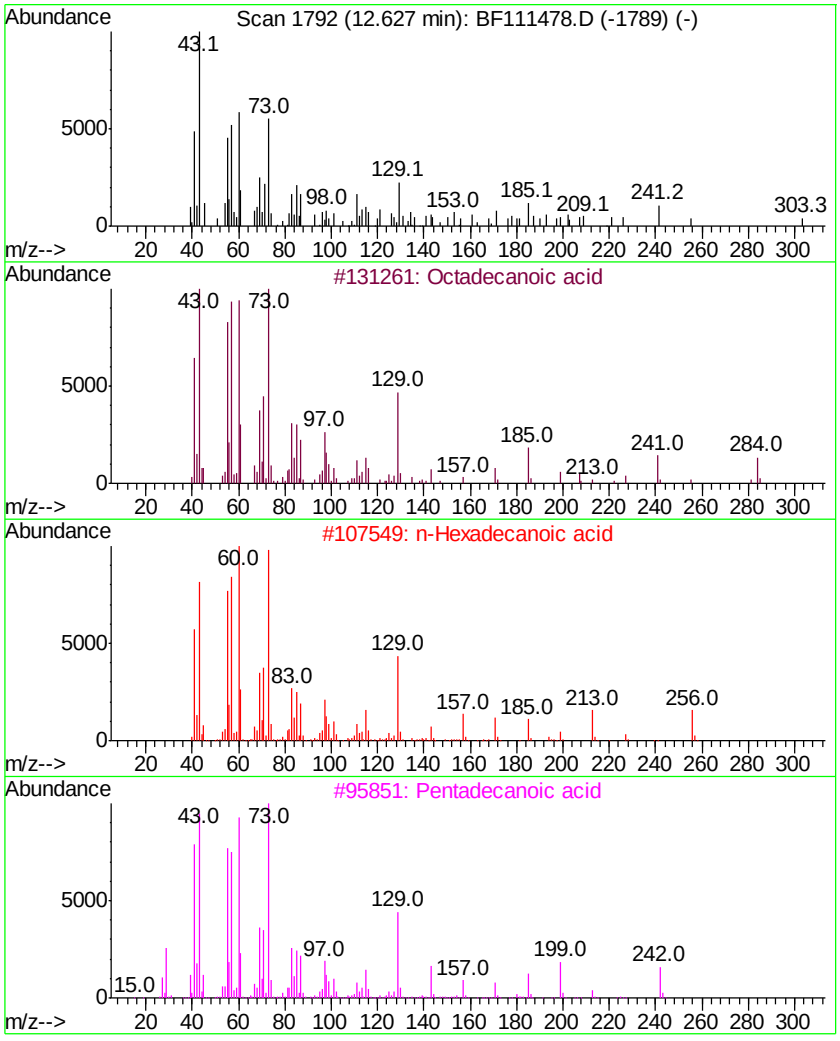
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

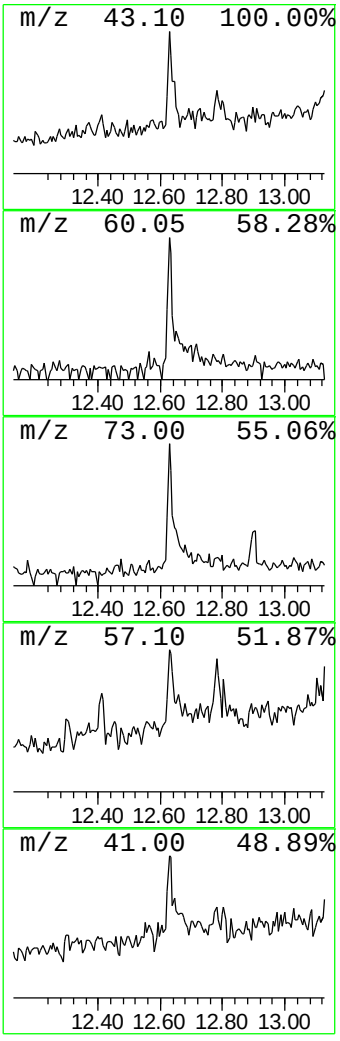
****

Peak Number 5 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	2.62 ng	110013	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	74
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111478.D
Acq On : 15 Dec 2018 19:39
Operator : JU/SJ
Sample : J6373-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A-FRAME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

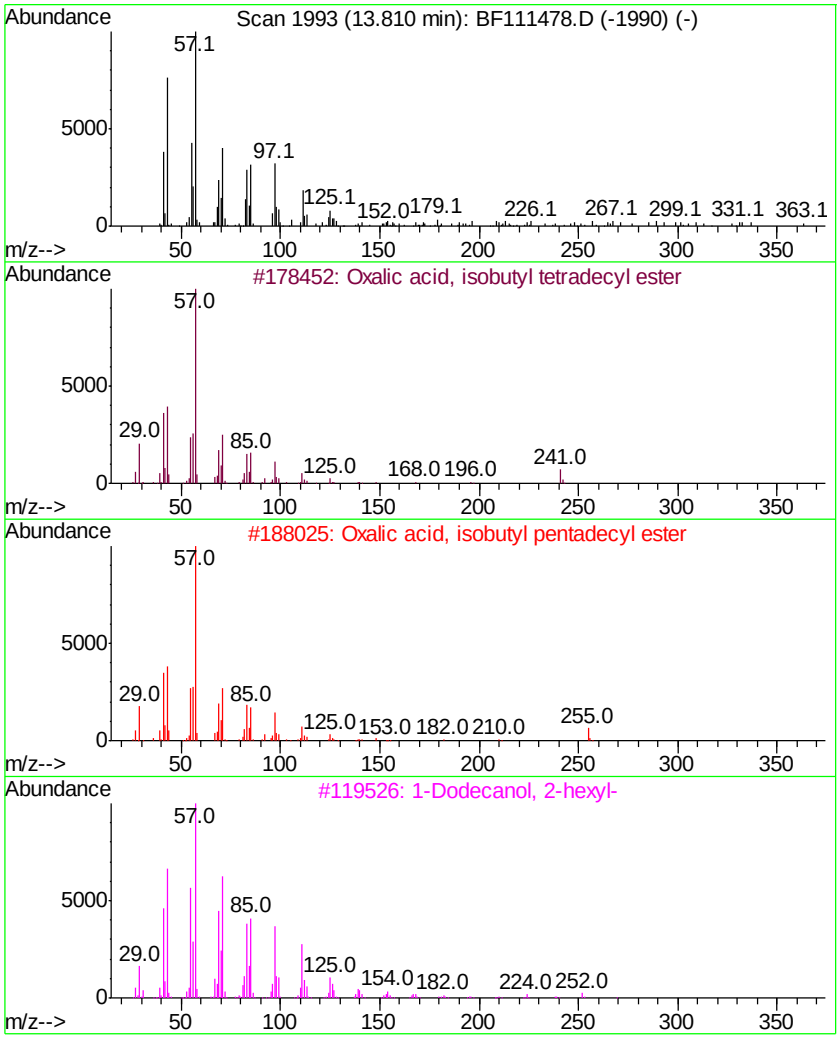
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

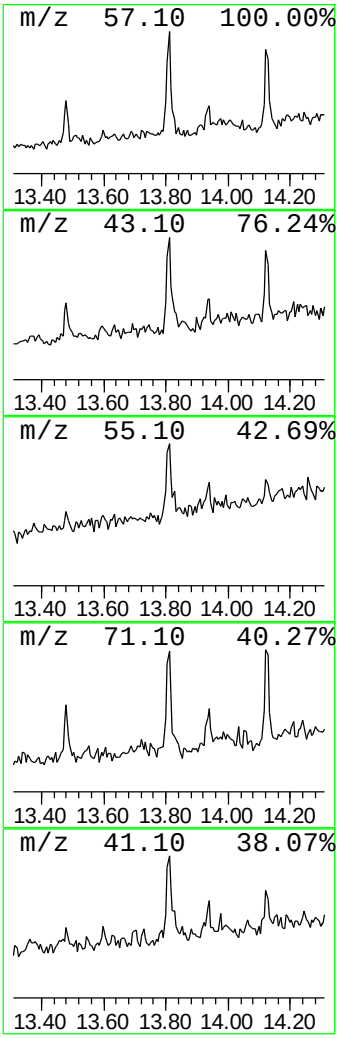
****

Peak Number 6 Oxalic acid, isobutyl tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	2.93 ng	139320	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
2	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
3	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	90
4	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	90
5	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111478.D
Acq On : 15 Dec 2018 19:39
Operator : JU/SJ
Sample : J6373-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A-FRAME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

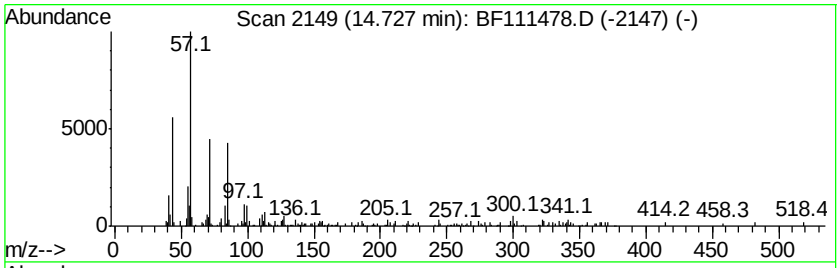
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

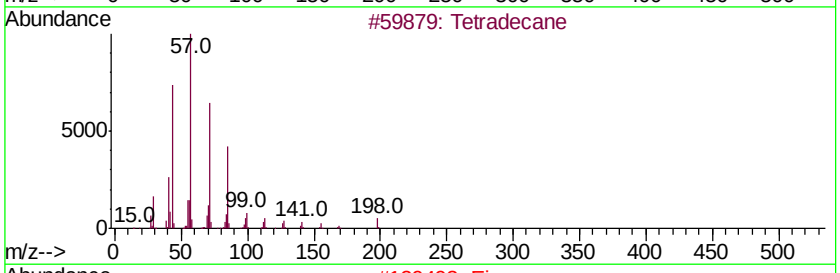
****

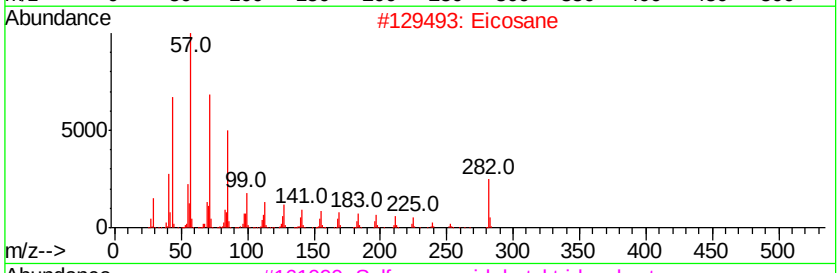
Peak Number 7 Tetradecane Concentration Rank 6

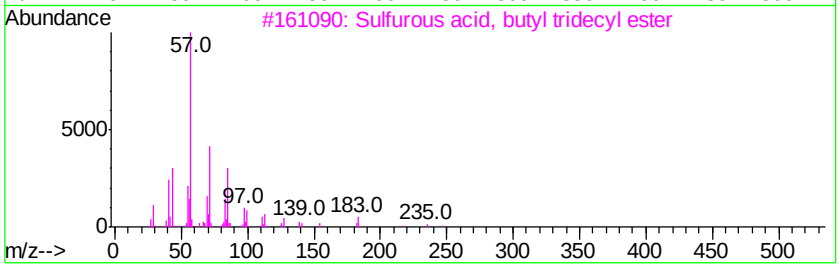
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.66 ng	75118	Perylene-d12	15.39

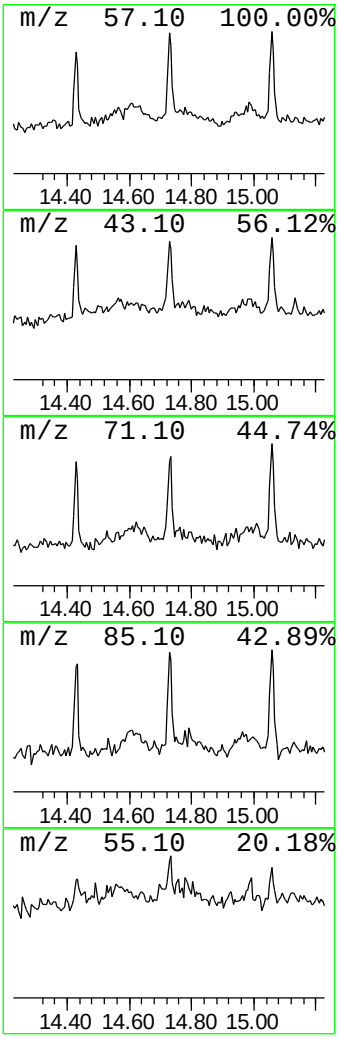
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	68
2	Eicosane	282	C20H42	000112-95-8	64
3	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	64
4	Heptadecane	240	C17H36	000629-78-7	59
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59











Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111478.D
Acq On : 15 Dec 2018 19:39
Operator : JU/SJ
Sample : J6373-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A-FRAME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

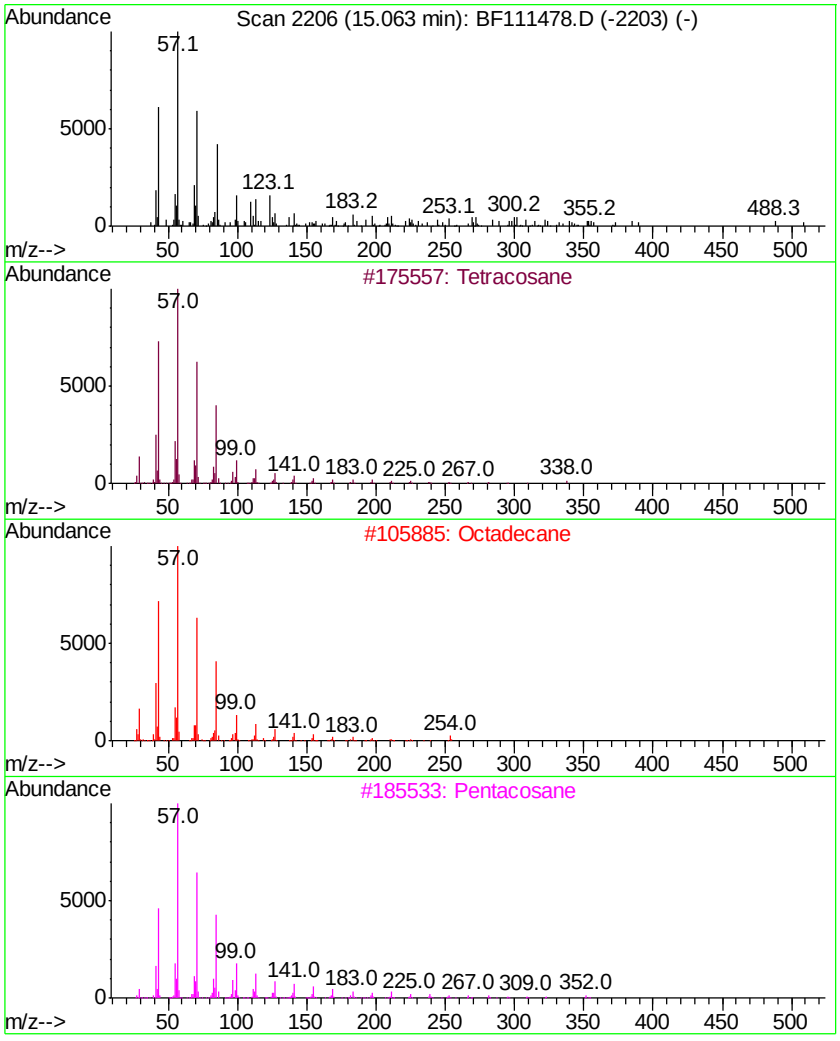
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

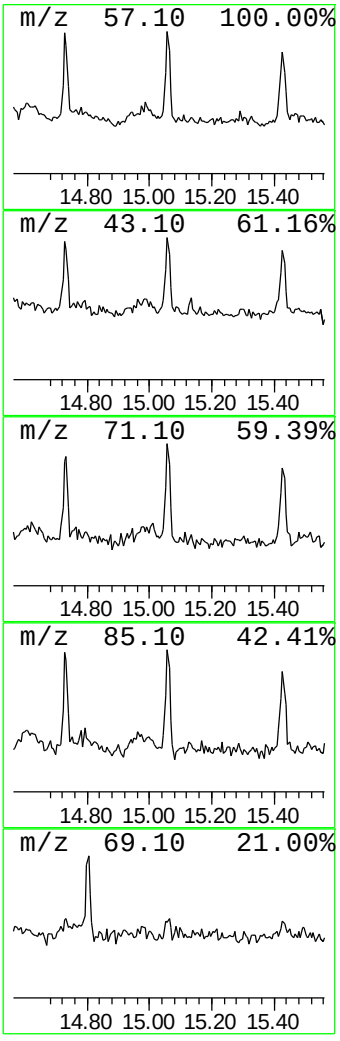
****

Peak Number 8 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	2.71 ng	76332	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Octadecane	254	C18H38	000593-45-3	95
3	Pentacosane	352	C25H52	000629-99-2	95
4	Heneicosane	296	C21H44	000629-94-7	95
5	Hexadecane	226	C16H34	000544-76-3	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121518\
Data File : BF111478.D
Acq On : 15 Dec 2018 19:39
Operator : JU/SJ
Sample : J6373-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-A-FRAME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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...	5.00	3.8	ng	170548	1	6.79	895897	20.0
unknown6.57	6.57	73.8	ng	3305020	1	6.79	895897	20.0
Tridecanoic acid	11.85	2.7	ng	111841	4	11.32	840473	20.0
Octadecanoic acid	12.63	2.6	ng	110013	4	11.32	840473	20.0
Oxalic acid, isob...	13.81	2.9	ng	139320	5	13.95	951011	20.0
Tetradecane	14.73	2.7	ng	75118	6	15.39	564076	20.0
Tetracosane	15.06	2.7	ng	76332	6	15.39	564076	20.0