LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100184.D
Acq On : 4 Nov 2017 17:50
Operator : SJ/JU
Sample : I6099-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-FS-1

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-BF102317.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	489	492	512	rBV	168551	324672	15.07%	1.577%
2	5.398	559	563	588	rBV	1545992	2079637	96.51%	10.103%
3	6.422	734	737	754	rBV	1560201	2073808	96.24%	10.075%
4	6.540	754	757	763	rVV	2040228	2154868	100.00%	10.469%
5	6.763	792	795	804	rVB	518953	481760	22.36%	2.341%
6	6.916	817	821	837	rBV	1736233	1575994	73.14%	7.657%
7	7.334	889	892	908	rBV	1182488	1281165	59.45%	6.224%
8	8.045	1010	1013	1027	rBV	724749	676732	31.40%	3.288%
9	8.675	1117	1120	1129	rVB	51785	54324	2.52%	0.264%
10	9.116	1191	1195	1198	rBV	2460366	2030913	94.25%	9.867%
11	9.516	1260	1263	1270	rVB	246162	199425	9.25%	0.969%
12	9.798	1307	1311	1318	rVB	840670	774858	35.96%	3.764%
13	10.210	1378	1381	1385	rVB	81159	64293	2.98%	0.312%
14	10.598	1443	1447	1458	rBV	1317980	1375831	63.85%	6.684%
15	10.680	1458	1461	1471	rVB3	18620	25778	1.20%	0.125%
16	11.286	1561	1564	1575	rVB	868737	783766	36.37%	3.808%
17	11.798	1648	1651	1655	rBV	53231	54845	2.55%	0.266%
18	12.522	1768	1774	1780	rBV2	36395	49695	2.31%	0.241%
19	12.745	1805	1812	1818	rVB2	29040	44396	2.06%	0.216%
20	12.869	1829	1833	1836	rBV	1944275	1699841	78.88%	8.258%
21	13.180	1882	1886	1895	rVB7	14768	26363	1.22%	0.128%
22	13.745	1977	1982	1987	rBV3	45589	50825	2.36%	0.247%
23	13.857	1999	2001	2004	rBV	34391	29292	1.36%	0.142%
24	13.939	2008	2015	2030	rVV	593064	827834	38.42%	4.022%
25	14.368	2085	2088	2092	rVB	59938	55947	2.60%	0.272%
26	14.663	2134	2138	2142	rBV7	19710	28670	1.33%	0.139%
27	14.804	2157	2162	2171	rBV7	21058	66516	3.09%	0.323%
28	14.992	2179	2194	2205	rBV2	273219	962801	44.68%	4.678%
29	15.345	2250	2254	2258	rVB2	40650	48246	2.24%	0.234%
30	15.398	2258	2263	2272	rBV	318156	450044	20.88%	2.186%
31	15.751	2319	2323	2328	rBV2	43972	61223	2.84%	0.297%
32	16.227	2400	2404	2411	rVB	41216	63837	2.96%	0.310%
33	16.786	2494	2499	2503	rBV4	25531	47688	2.21%	0.232%
34	17.433	2605	2609	2616	rVB3	26310	57747	2.68%	0.281%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100184.D
Acq On : 4 Nov 2017 17:50
Operator : SJ/JU
Sample : I6099-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-FS-1

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-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 20583634

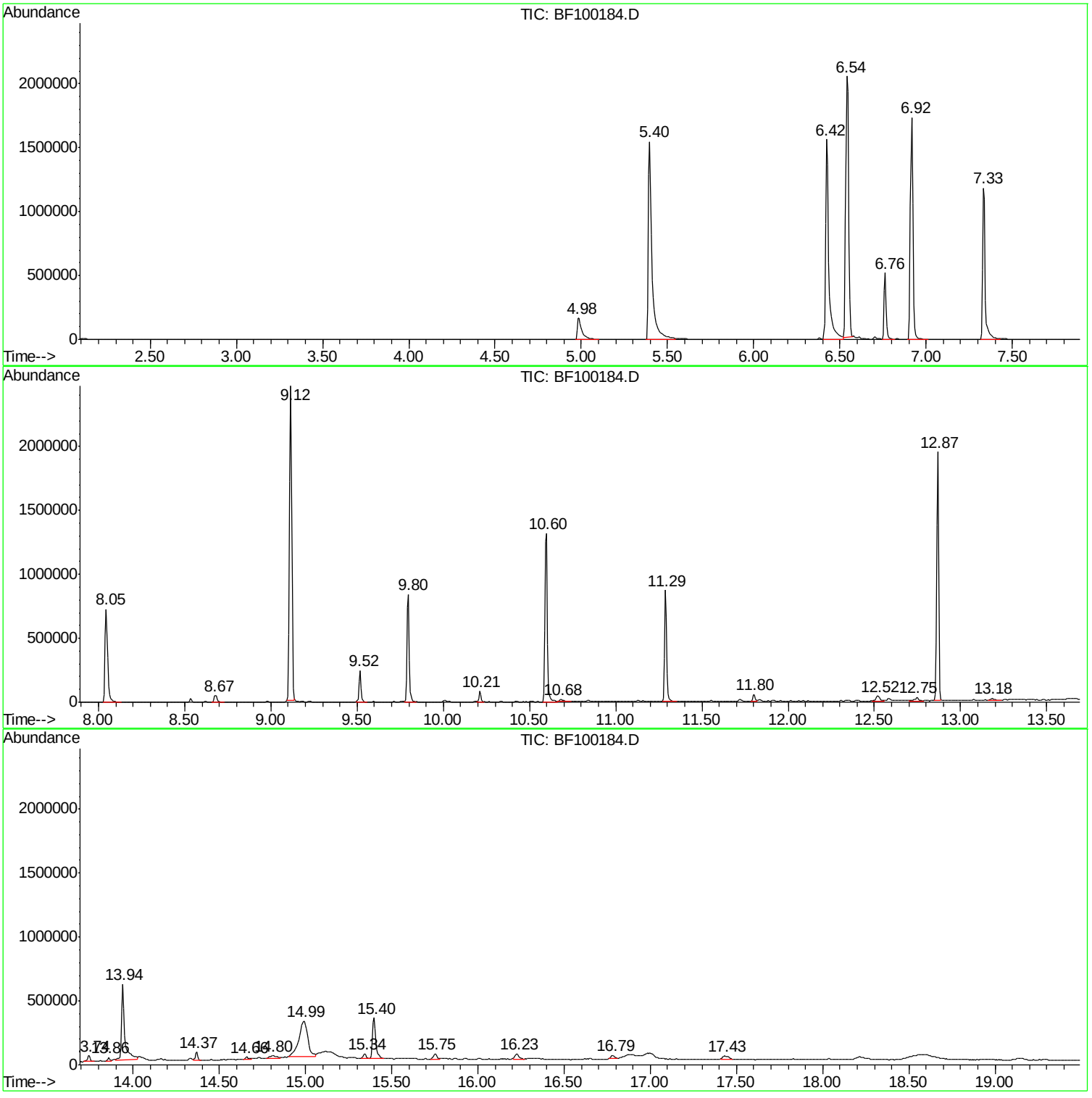
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100184.D
Acq On : 4 Nov 2017 17:50
Operator : SJ/JU
Sample : I6099-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ERM-FS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100184.D
Acq On : 4 Nov 2017 17:50
Operator : SJ/JU
Sample : I6099-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-FS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

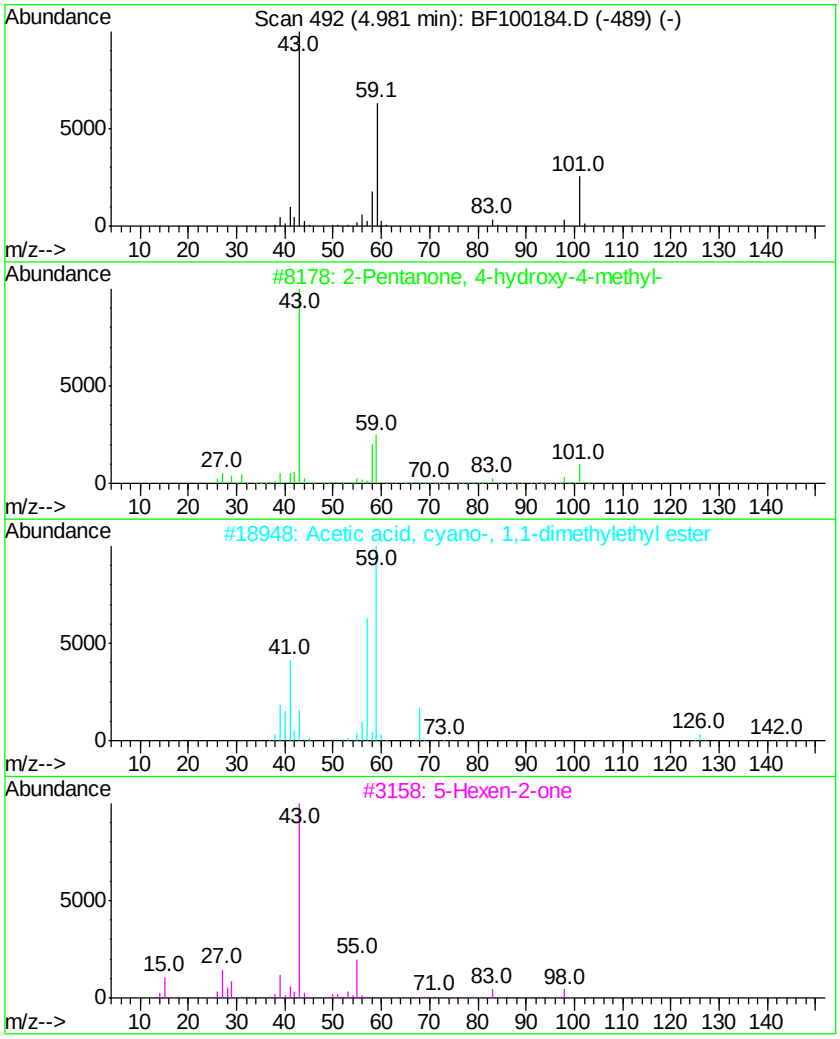
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

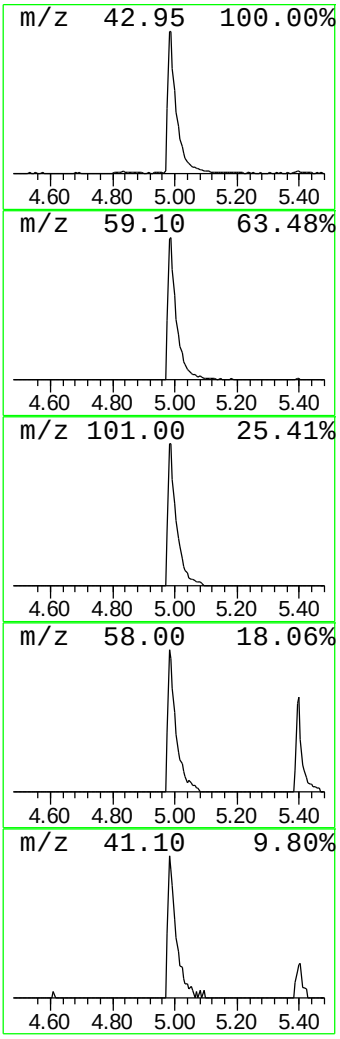
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	13.48 ng	324672	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100184.D
Acq On : 4 Nov 2017 17:50
Operator : SJ/JU
Sample : I6099-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-FS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

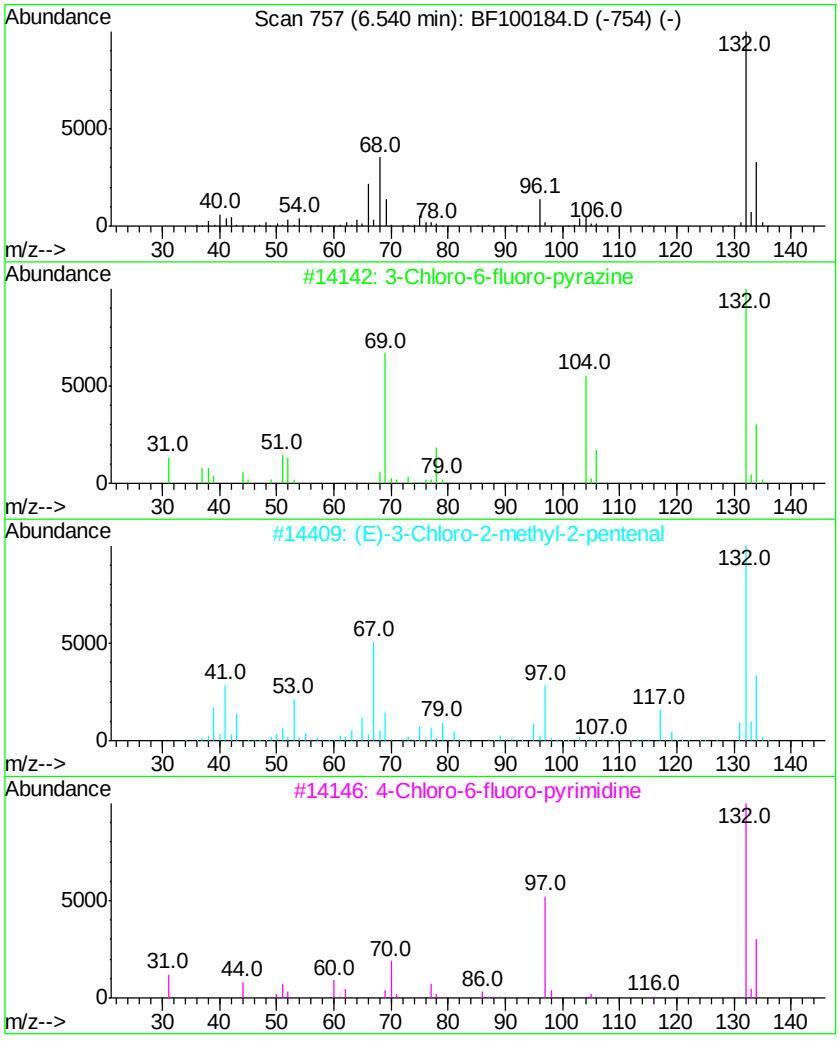
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

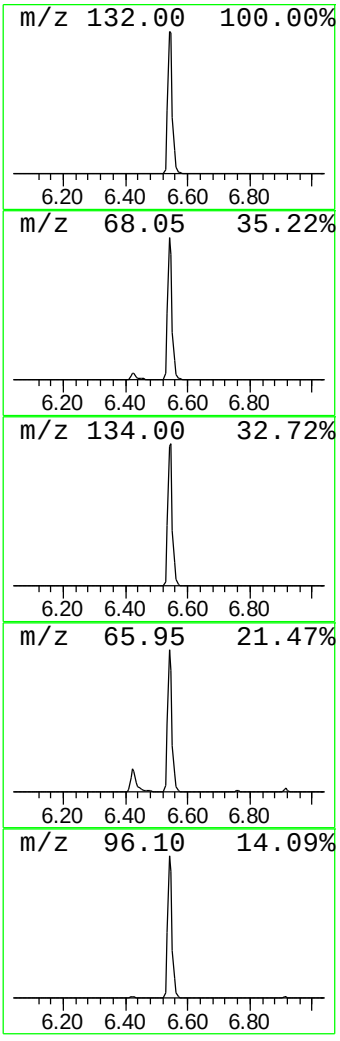
****

Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	89.46 ng	2154870	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100184.D
Acq On : 4 Nov 2017 17:50
Operator : SJ/JU
Sample : I6099-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-FS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

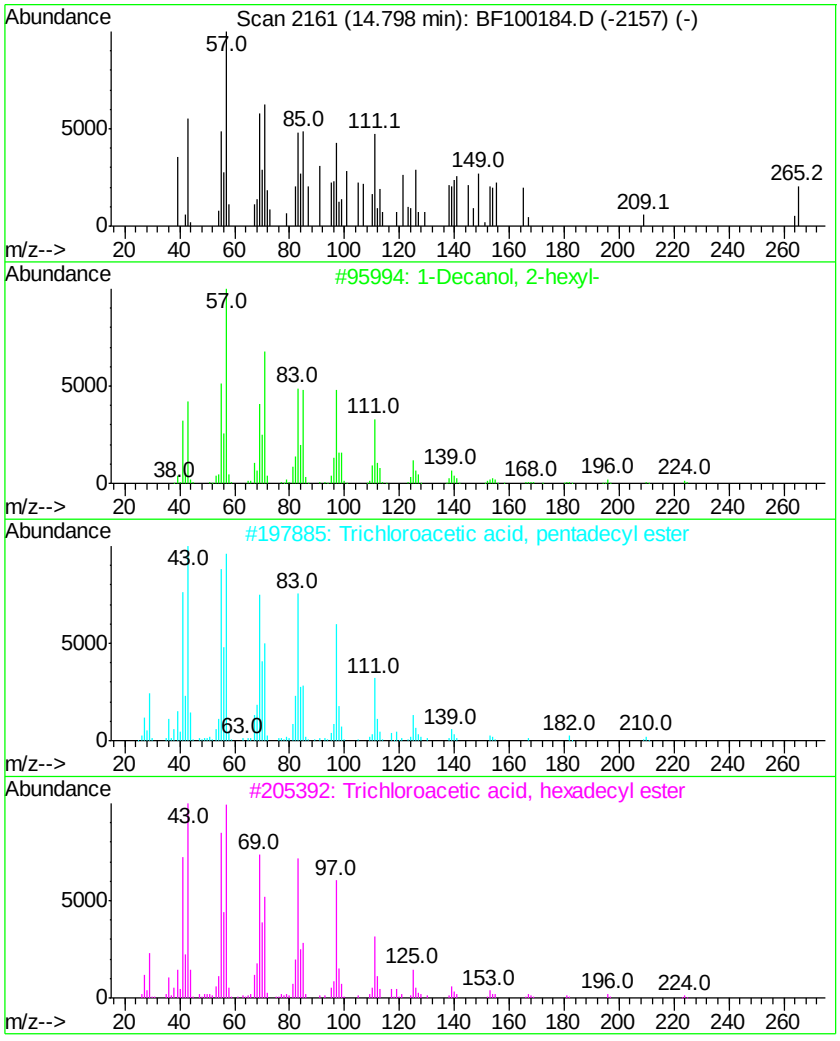
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

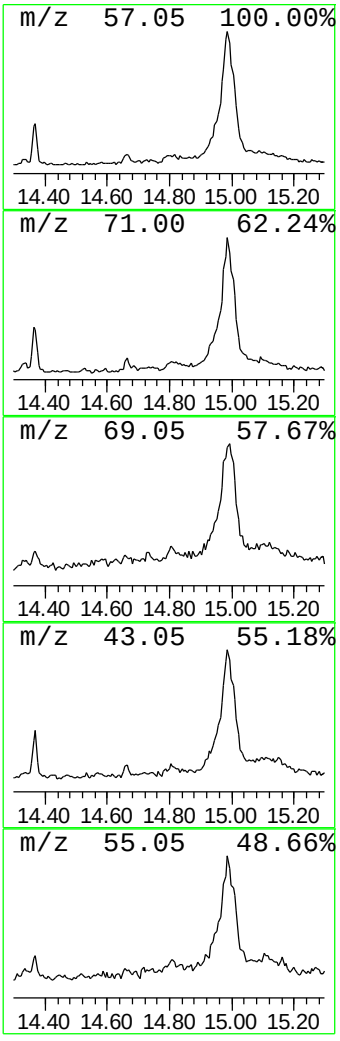
****

Peak Number 4 unknown14.80 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.96 ng	66516	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	46
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	45
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	43
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	43
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	38





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100184.D
Acq On : 4 Nov 2017 17:50
Operator : SJ/JU
Sample : I6099-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-FS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

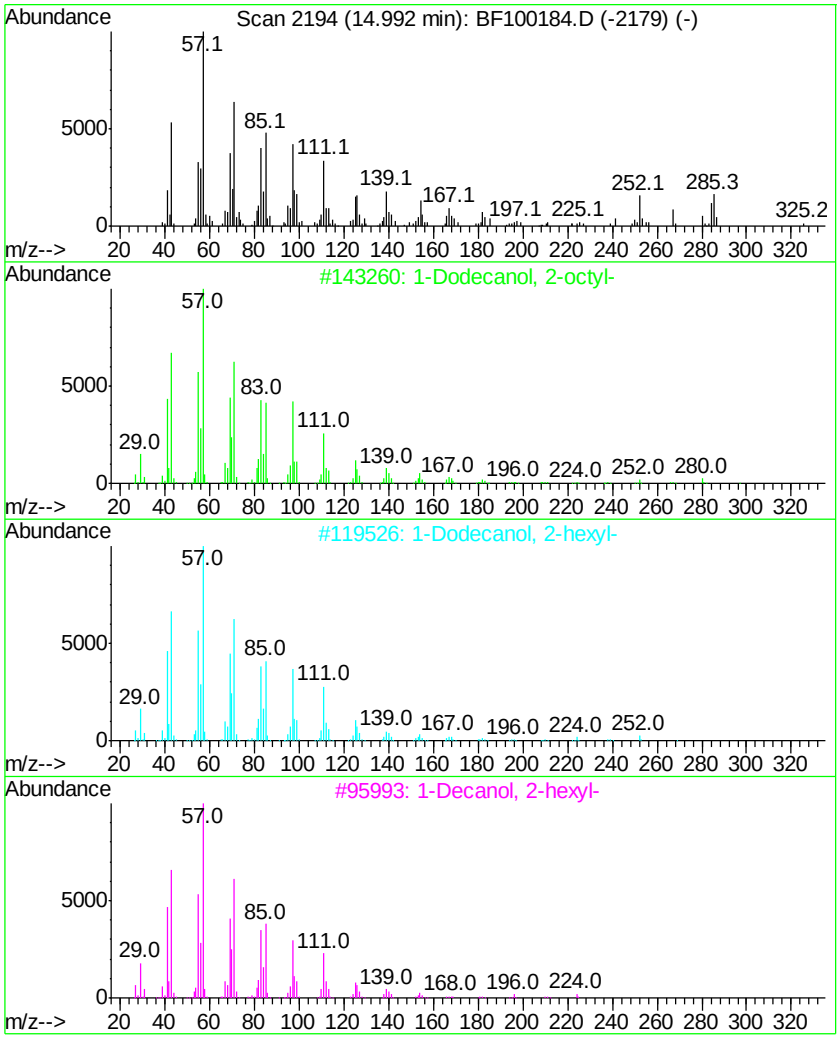
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

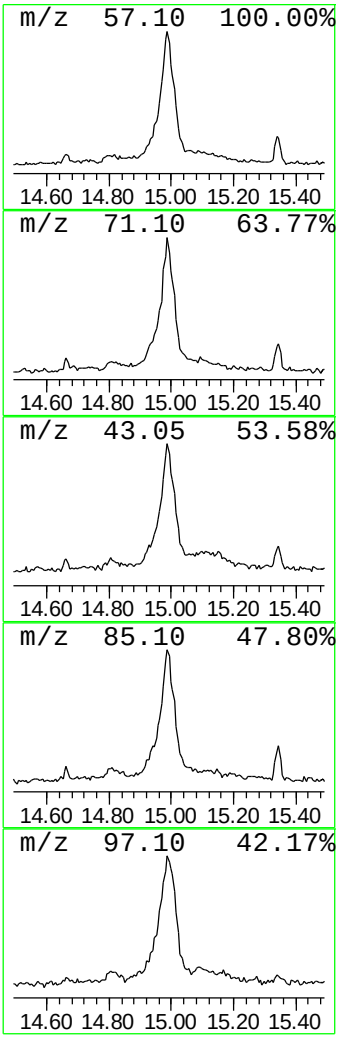
****

Peak Number 5 1-Dodecanol, 2-octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	42.79 ng	962801	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	83
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	83
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	74
4	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	74
5	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	72





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100184.D
Acq On : 4 Nov 2017 17:50
Operator : SJ/JU
Sample : I6099-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-FS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

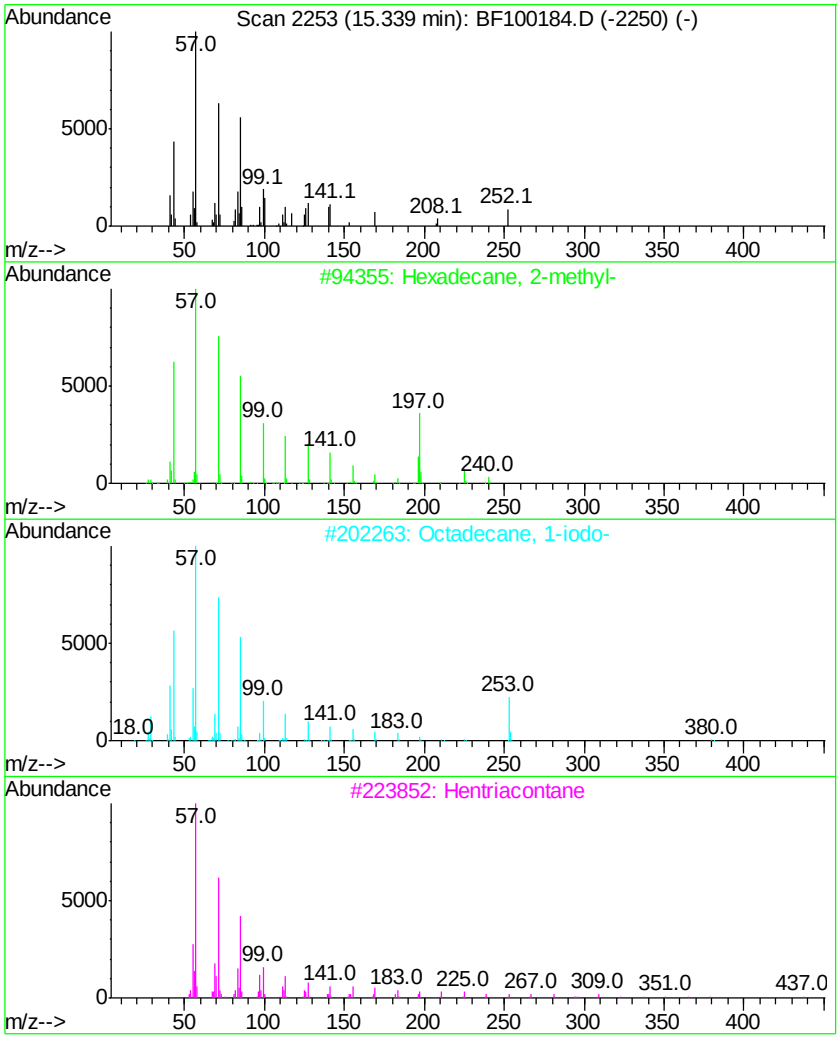
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

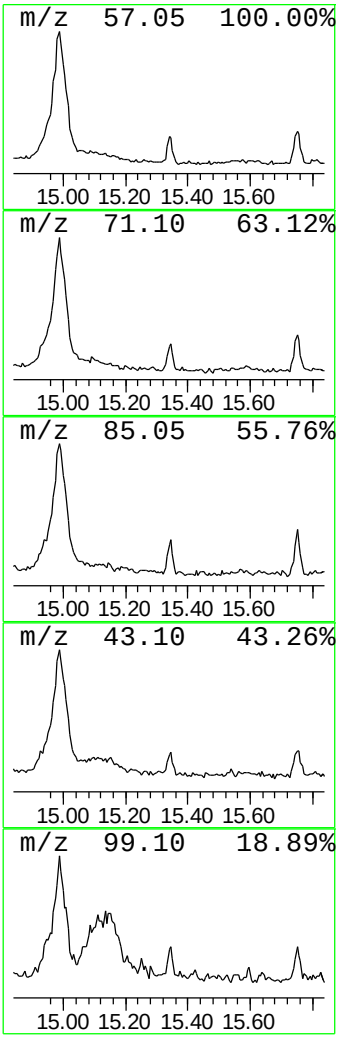
****

Peak Number 6 Hexadecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	2.14 ng	48246	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	50
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	50
3	Hentriacontane	437	C31H64	000630-04-6	49
4	Tetracosane	338	C24H50	000646-31-1	49
5	Eicosane	282	C20H42	000112-95-8	47





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100184.D
Acq On : 4 Nov 2017 17:50
Operator : SJ/JU
Sample : I6099-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-FS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

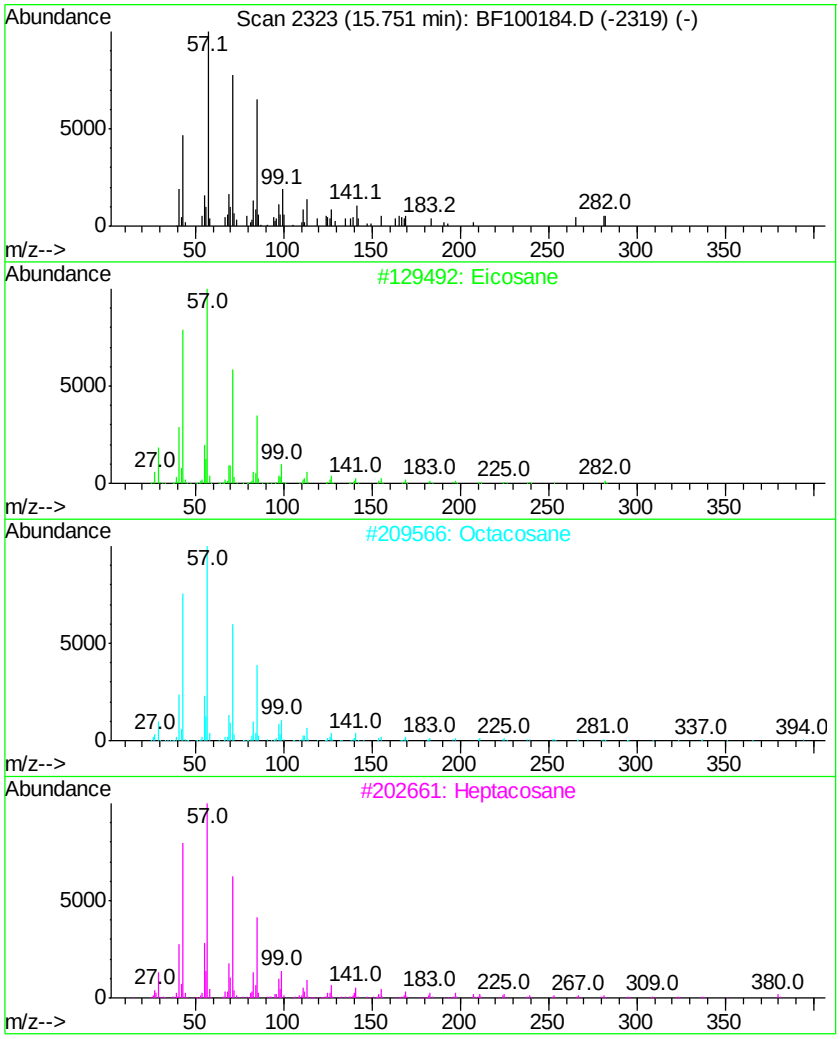
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

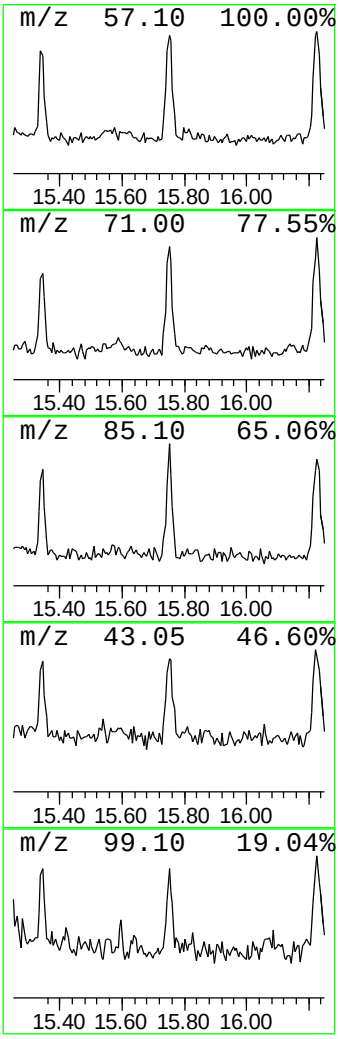
****

Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	2.72 ng	61223	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Octacosane	394	C28H58	000630-02-4	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	Triacontane	422	C30H62	000638-68-6	87
5	Pentacosane	352	C25H52	000629-99-2	87





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100184.D
Acq On : 4 Nov 2017 17:50
Operator : SJ/JU
Sample : I6099-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-FS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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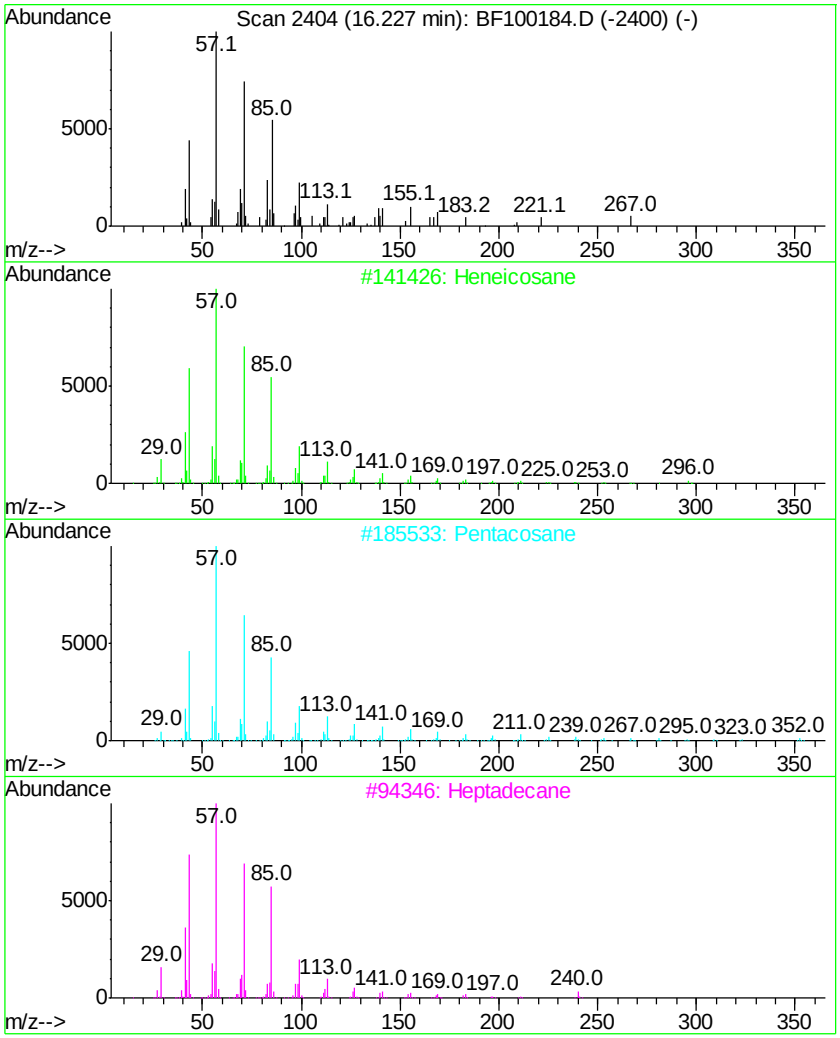
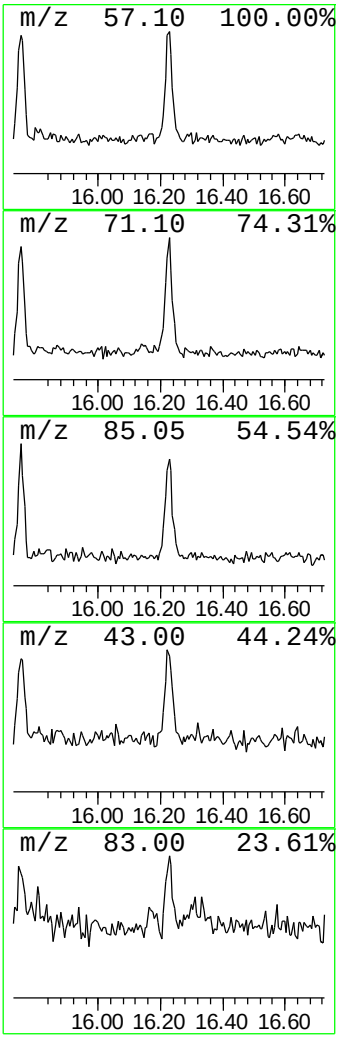
Peak Number 8 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	2.84 ng	63837	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	86
2	Pentacosane	352	C25H52	000629-99-2	80
3	Heptadecane	240	C17H36	000629-78-7	74
4	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	72
5	Octacosane	394	C28H58	000630-02-4	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100184.D
Acq On : 4 Nov 2017 17:50
Operator : SJ/JU
Sample : I6099-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-FS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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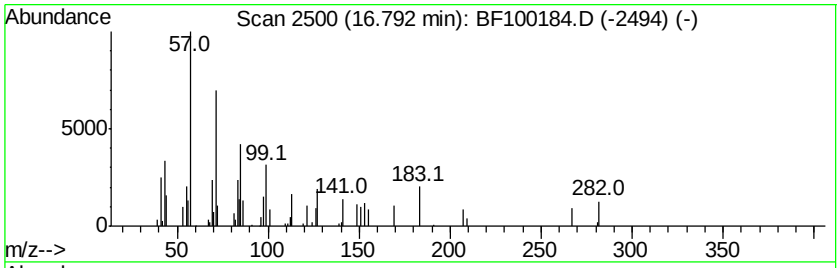
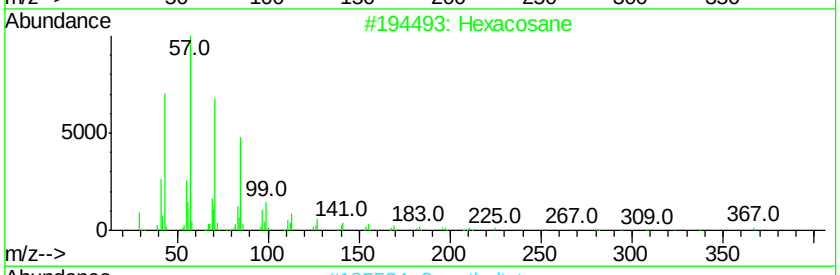
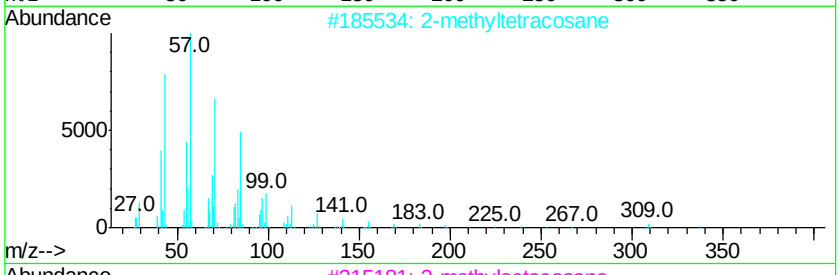
Peak Number 9 Hexacosane Concentration Rank 10

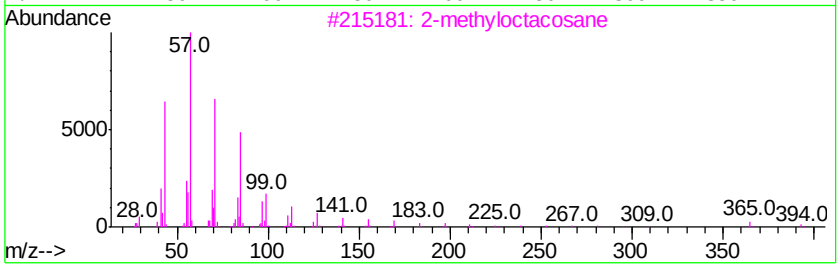
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	2.12 ng	47688	Perylene-d12	15.40

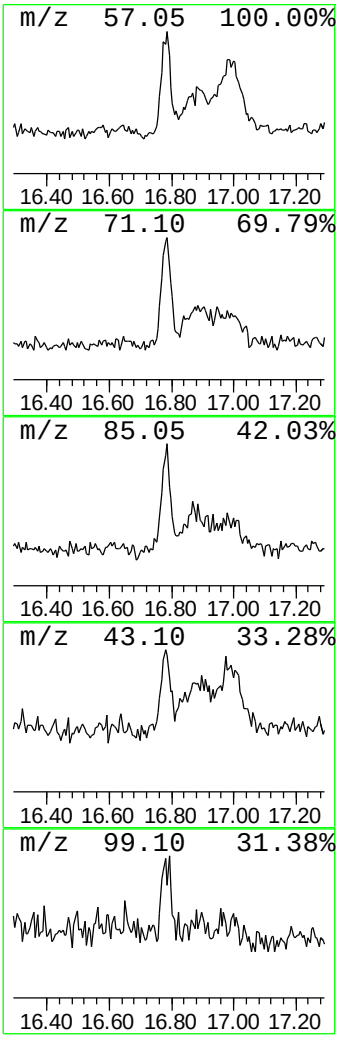
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	64
2	2-methyltetracosane	352	C25H52	1000376-72-6	59
3	2-methyloctacosane	408	C29H60	1000376-72-8	59
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	59
5	Octadecane	254	C18H38	000593-45-3	59











Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF110417\
Data File : BF100184.D
Acq On : 4 Nov 2017 17:50
Operator : SJ/JU
Sample : I6099-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-FS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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	13.5	ng	324672	1	6.76	481760	20.0
unknown6.54	6.54	89.5	ng	2154870	1	6.76	481760	20.0
unknown14.80	14.80	3.0	ng	66516	6	15.40	450044	20.0
1-Dodecanol, 2-oc...	14.99	42.8	ng	962801	6	15.40	450044	20.0
Hexadecane, 2-met...	15.34	2.1	ng	48246	6	15.40	450044	20.0
Eicosane	15.75	2.7	ng	61223	6	15.40	450044	20.0
Heneicosane	16.23	2.8	ng	63837	6	15.40	450044	20.0
Hexacosane	16.79	2.1	ng	47688	6	15.40	450044	20.0