LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100056.D
Acq On : 1 Nov 2017 20:46
Operator : SJ/JU
Sample : I6226-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-1-CONCRETE

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	3.446	227	231	247	rBV	20964	48091	1.73%	0.217%
2	4.369	381	388	391	rBV	1865123	2778938	100.00%	12.517%
3	4.993	490	494	522	rBV	631338	980640	35.29%	4.417%
4	5.404	561	564	593	rBV	1489075	1710517	61.55%	7.705%
5	6.428	734	738	756	rBV	1703993	1883451	67.78%	8.483%
6	6.557	756	760	769	rVB	1874324	1892393	68.10%	8.524%
7	6.781	795	798	807	rBV	519255	506064	18.21%	2.279%
8	6.934	820	824	843	rBV	1916422	1796508	64.65%	8.092%
9	7.122	853	856	869	rBV	58665	75510	2.72%	0.340%
10	7.357	891	896	913	rBV	1225437	1329236	47.83%	5.987%
11	7.604	935	938	945	rBV	48531	45840	1.65%	0.206%
12	8.063	1013	1016	1036	rBV	808054	679152	24.44%	3.059%
13	9.139	1195	1199	1203	rBV	2569298	2608330	93.86%	11.748%
14	9.539	1262	1267	1275	rBV	135154	112096	4.03%	0.505%
15	9.822	1311	1315	1325	rBV2	832211	705246	25.38%	3.177%
16	10.239	1384	1386	1389	rVB	43421	31003	1.12%	0.140%
17	10.463	1419	1424	1427	rBV	36749	42279	1.52%	0.190%
18	10.628	1448	1452	1460	rBV	917046	866336	31.18%	3.902%
19	10.733	1465	1470	1473	rBV2	103111	135680	4.88%	0.611%
20	11.192	1545	1548	1550	rBV	51909	41135	1.48%	0.185%
21	11.222	1550	1553	1560	rVB	141677	149349	5.37%	0.673%
22	11.357	1572	1576	1579	rBV	614050	597865	21.51%	2.693%
23	11.604	1615	1618	1621	rVV	42780	40619	1.46%	0.183%
24	11.657	1625	1627	1630	rVB2	39977	35737	1.29%	0.161%
25	12.127	1704	1707	1710	rBV	32952	31350	1.13%	0.141%
26	12.463	1761	1764	1769	rVB2	32061	42119	1.52%	0.190%
27	12.592	1784	1786	1789	rVB2	29569	28435	1.02%	0.128%
28	12.769	1813	1816	1820	rVB3	25584	31895	1.15%	0.144%
29	13.239	1890	1896	1899	rBV	1555743	1881064	67.69%	8.473%
30	14.533	2111	2116	2127	rVB2	62702	121068	4.36%	0.545%
31	14.733	2146	2150	2157	rBV	362606	477401	17.18%	2.150%
32	16.998	2530	2535	2548	rVB	323658	496178	17.85%	2.235%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100056.D
Acq On : 1 Nov 2017 20:46
Operator : SJ/JU
Sample : I6226-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-1-CONCRETE

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: 22201525

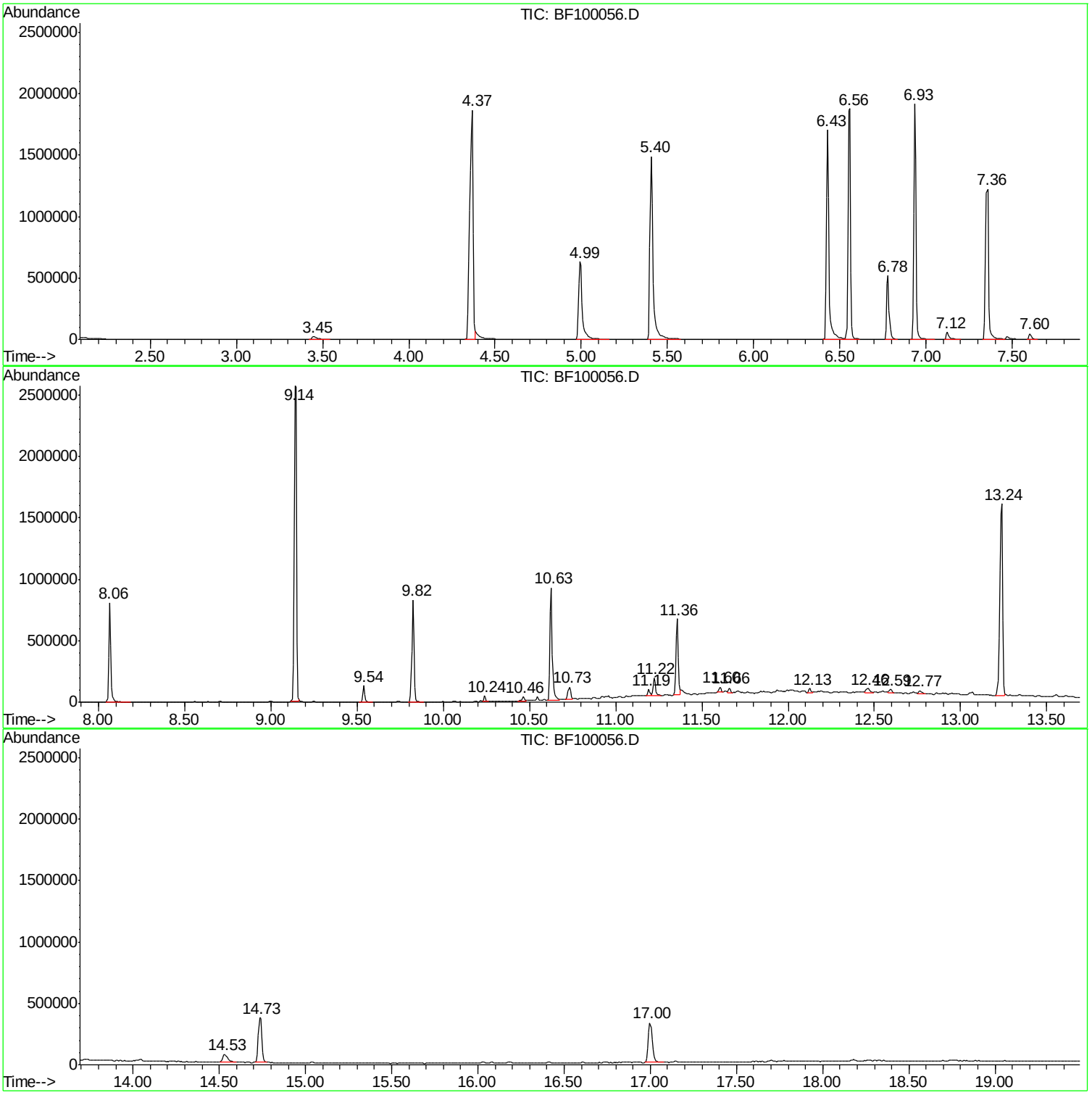
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100056.D
Acq On : 1 Nov 2017 20:46
Operator : SJ/JU
Sample : I6226-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-1-CONCRETE

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\BF110117\
Data File : BF100056.D
Acq On : 1 Nov 2017 20:46
Operator : SJ/JU
Sample : I6226-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-1-CONCRETE

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

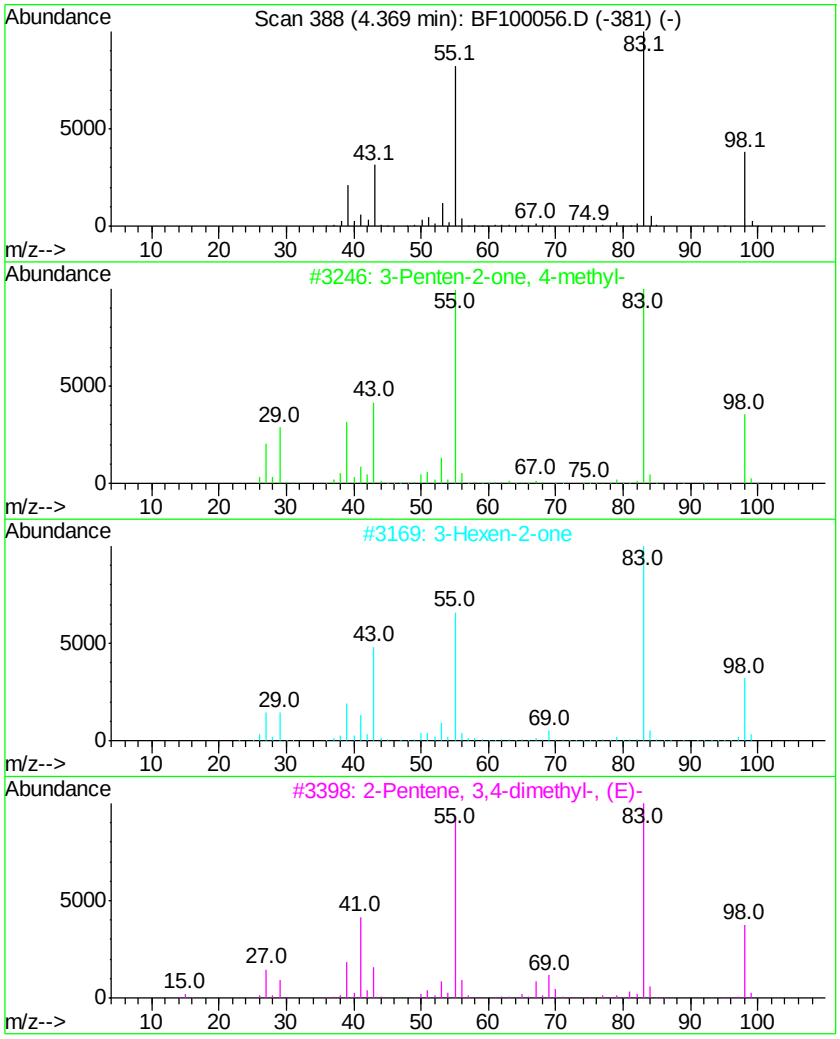
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

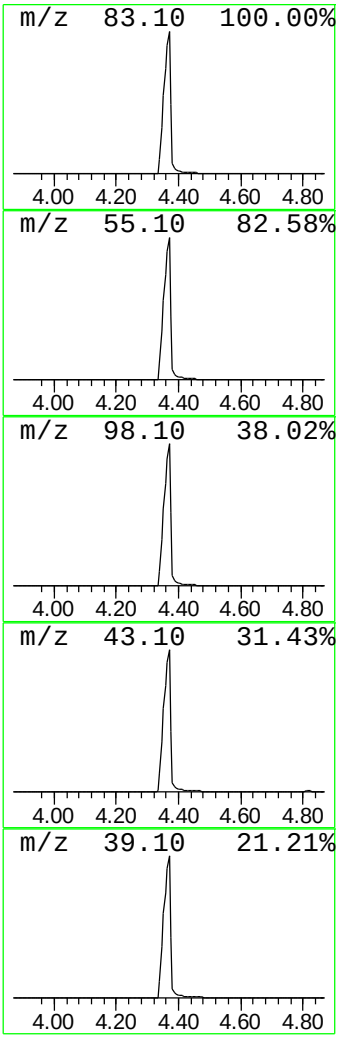
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	109.83 ng	2778940	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100056.D
Acq On : 1 Nov 2017 20:46
Operator : SJ/JU
Sample : I6226-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-1-CONCRETE

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

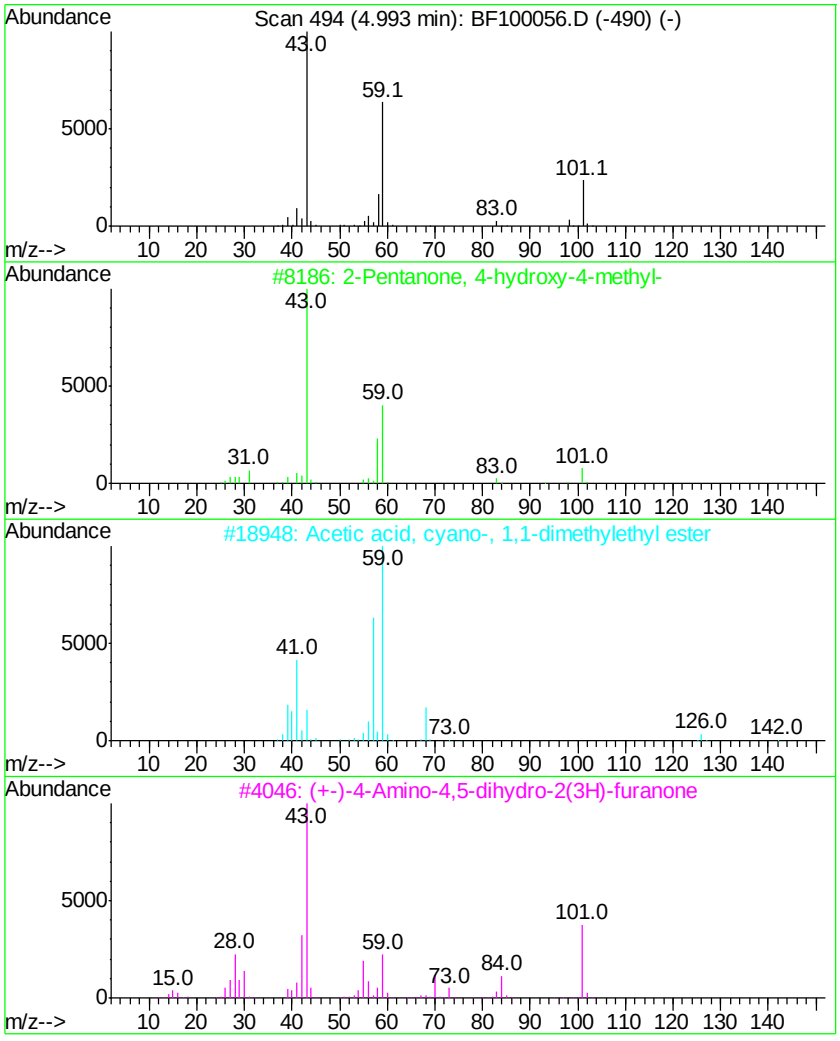
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

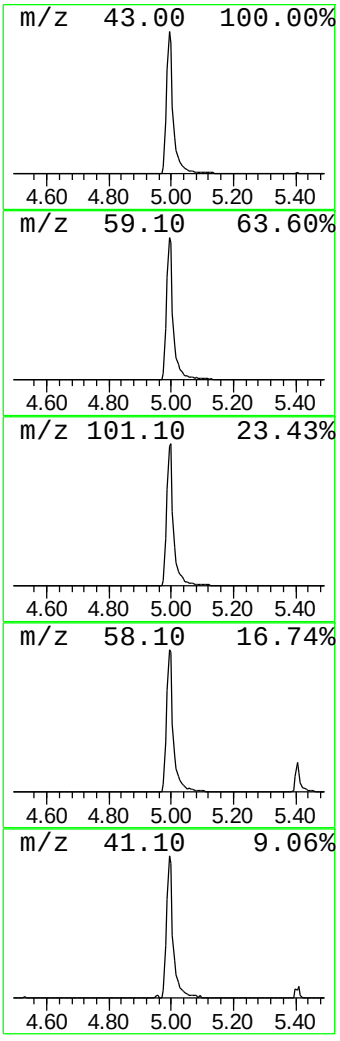
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	38.76 ng	980640	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100056.D
Acq On : 1 Nov 2017 20:46
Operator : SJ/JU
Sample : I6226-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-1-CONCRETE

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

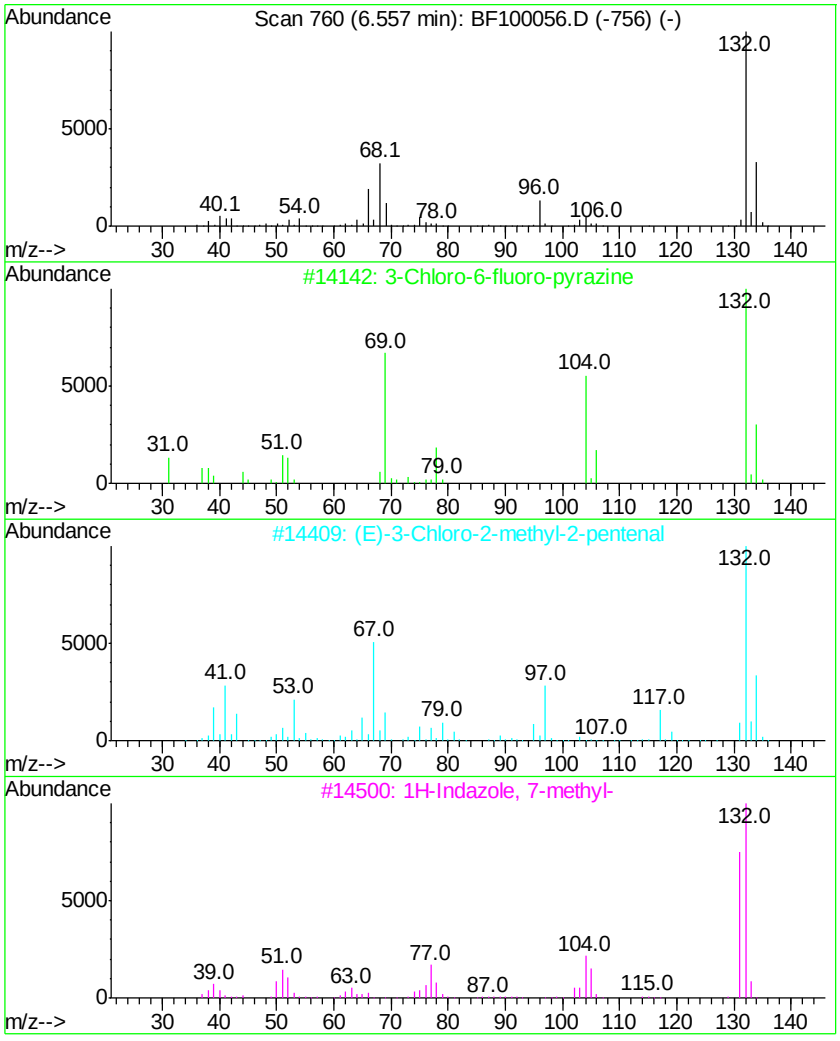
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

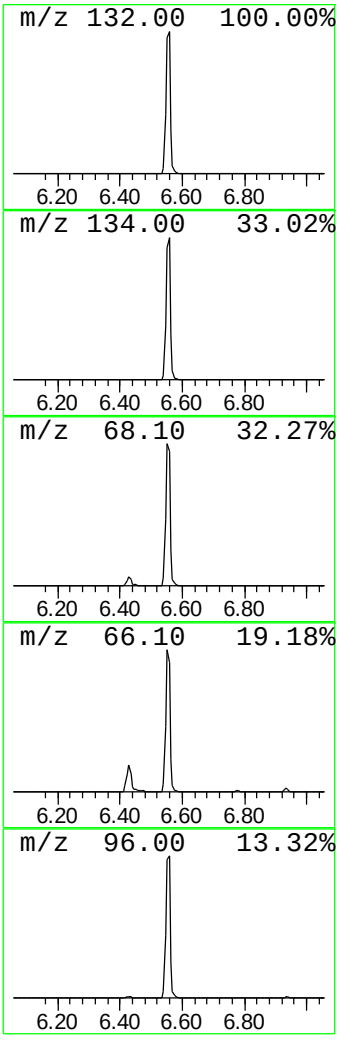
****

Peak Number 3 unknown6.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	74.79 ng	1892390	1,4-Dichlorobenzene-d4	6.78

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	17
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100056.D
Acq On : 1 Nov 2017 20:46
Operator : SJ/JU
Sample : I6226-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-1-CONCRETE

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

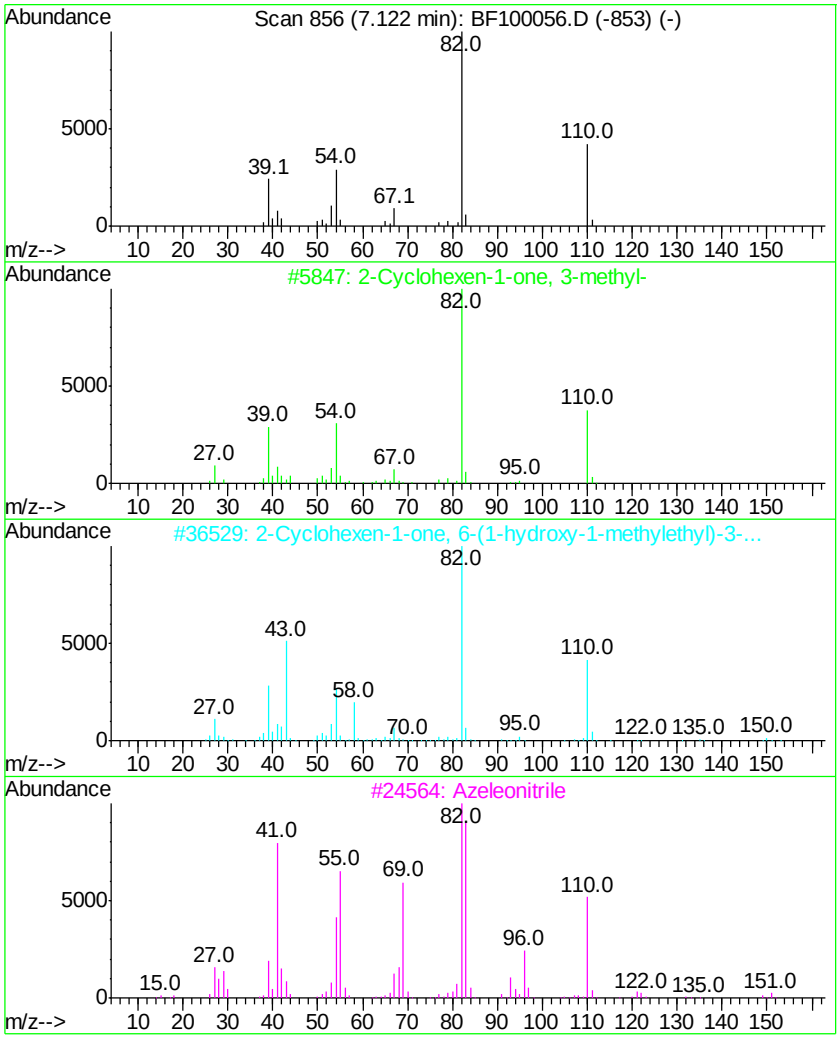
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

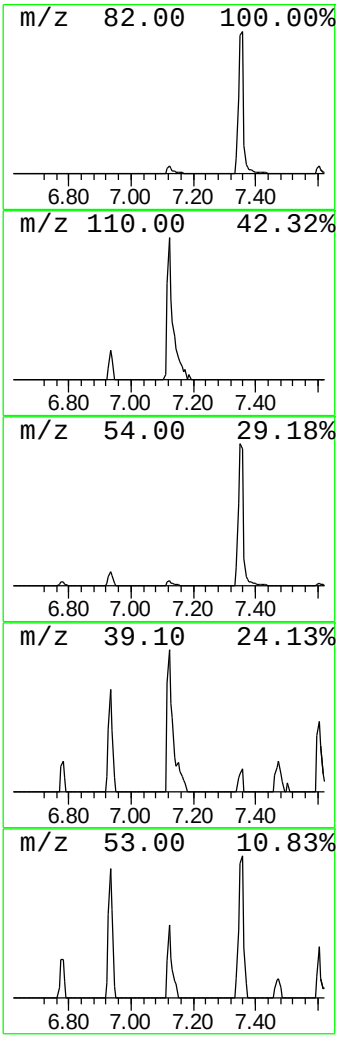
****

Peak Number 5 2-Cyclohexen-1-one, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	2.98 ng	75510	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	91
2	2-Cyclohexen-1-one, 6-(1-hydroxy...	168	C10H16O2	087791-00-2	74
3	Azeleonitrile	150	C9H14N2	001675-69-0	56
4	1H-Pyrazole, 1-methyl-	82	C4H6N2	000930-36-9	52
5	Betazole	111	C5H9N3	000105-20-4	43





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100056.D
Acq On : 1 Nov 2017 20:46
Operator : SJ/JU
Sample : I6226-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-1-CONCRETE

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

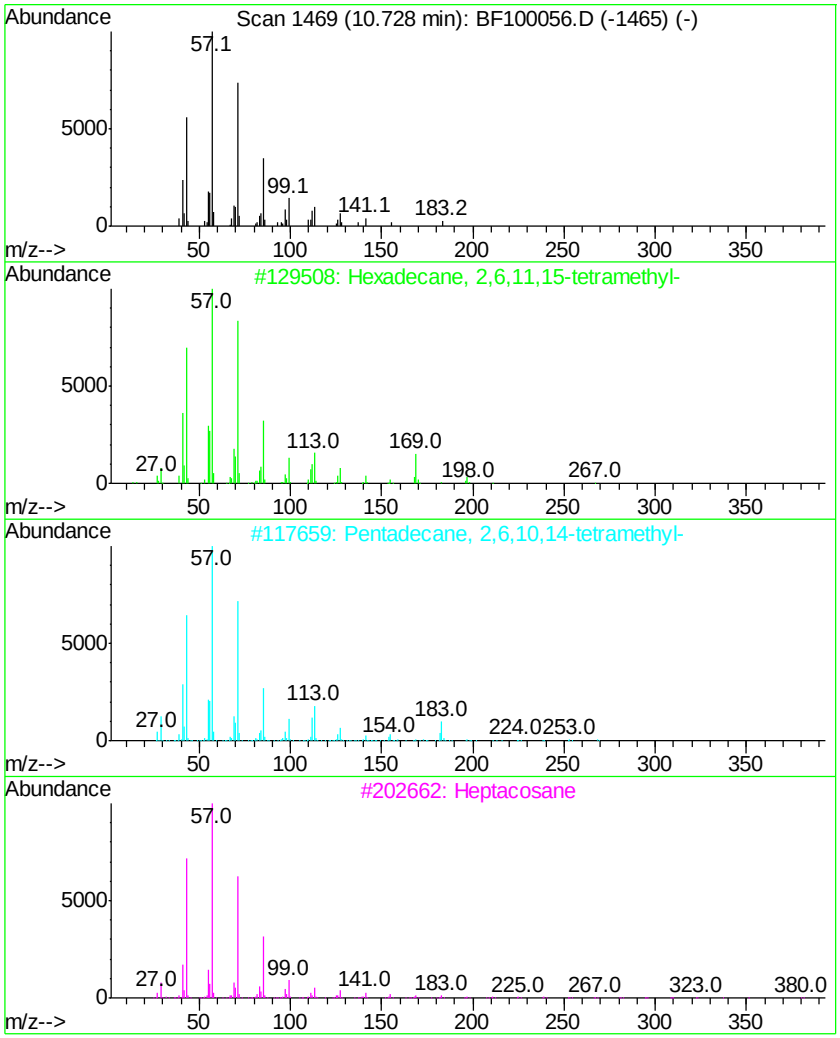
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

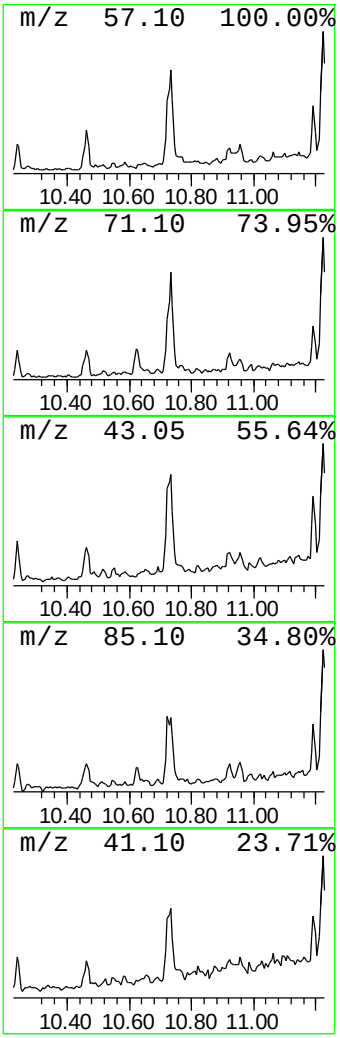
****

Peak Number 6 Hexadecane, 2,6,11,15-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	4.54 ng	135680	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	90
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
3	Heptacosane	380	C27H56	000593-49-7	80
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100056.D
Acq On : 1 Nov 2017 20:46
Operator : SJ/JU
Sample : I6226-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-1-CONCRETE

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

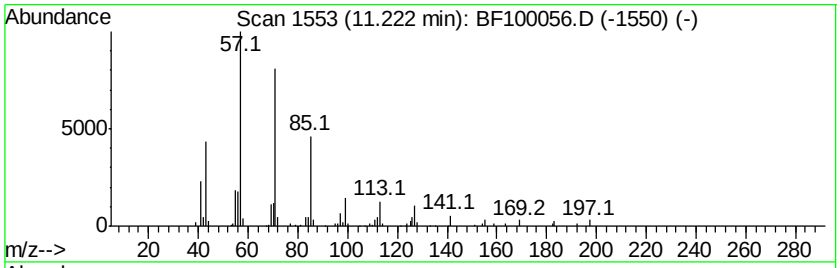
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

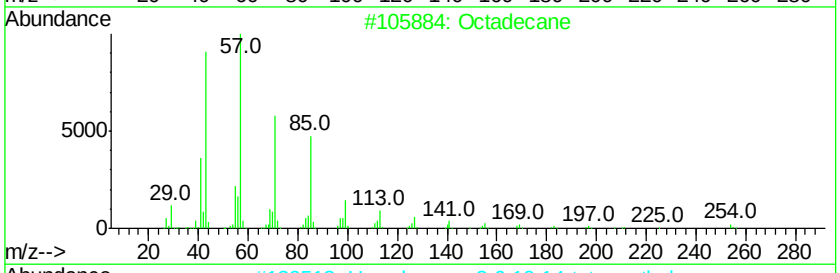
****

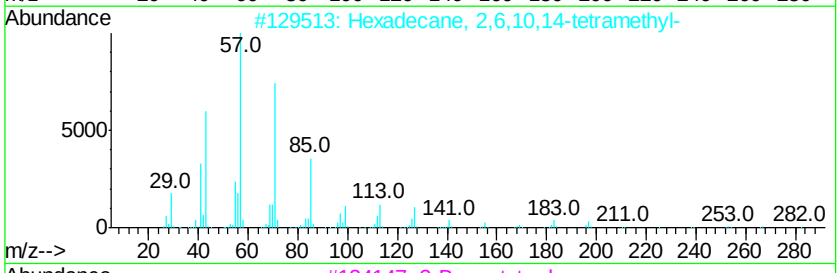
Peak Number 7 Octadecane Concentration Rank 6

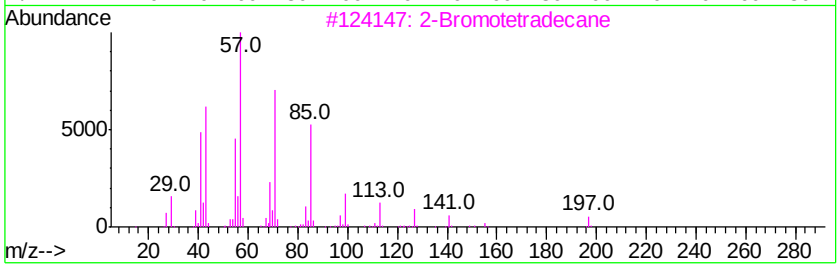
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	5.00 ng	149349	Phenanthrene-d10	11.36

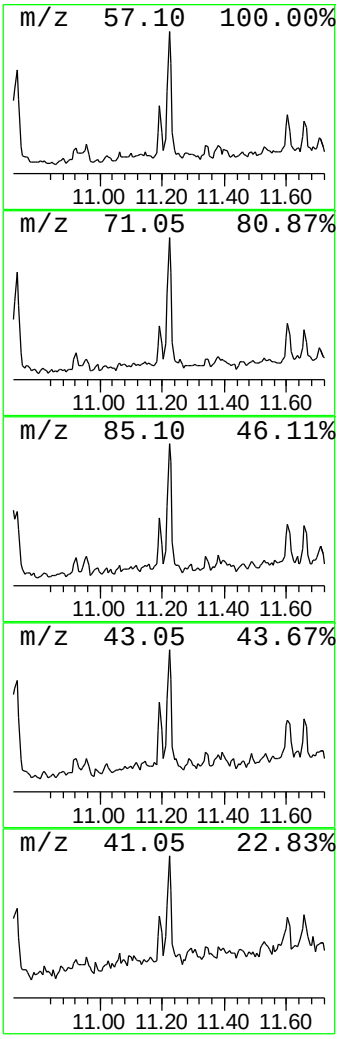
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90











Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100056.D
Acq On : 1 Nov 2017 20:46
Operator : SJ/JU
Sample : I6226-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-1-CONCRETE

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

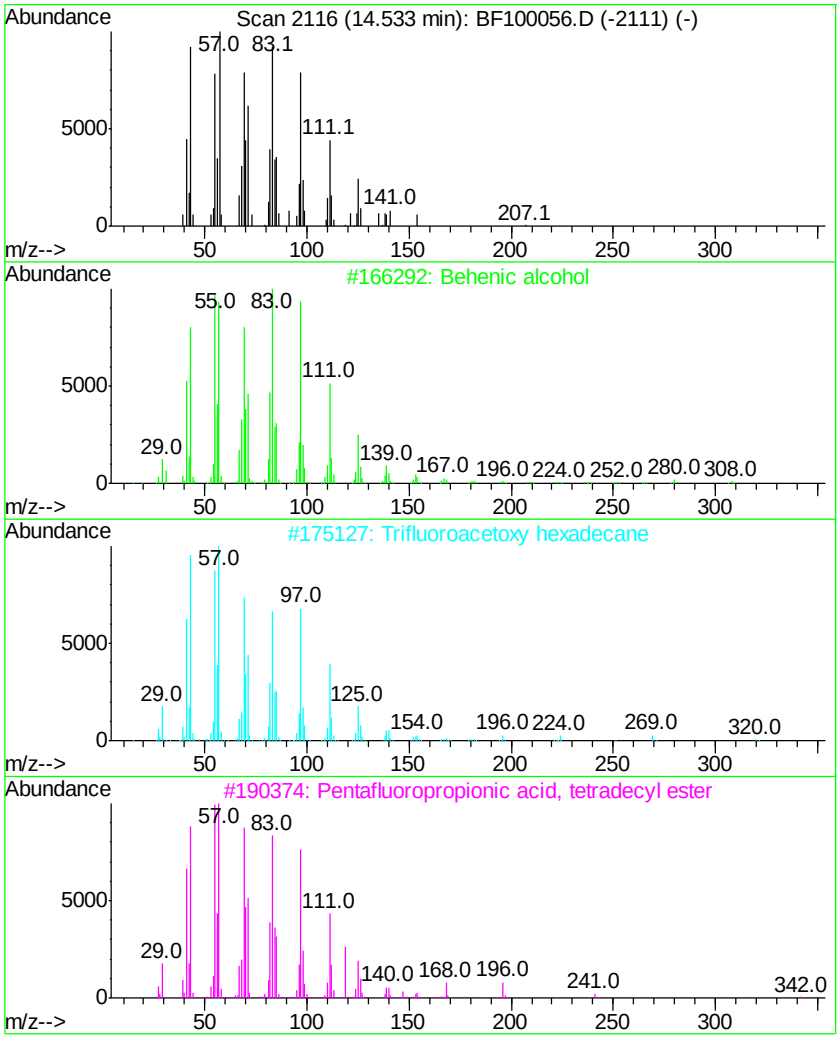
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

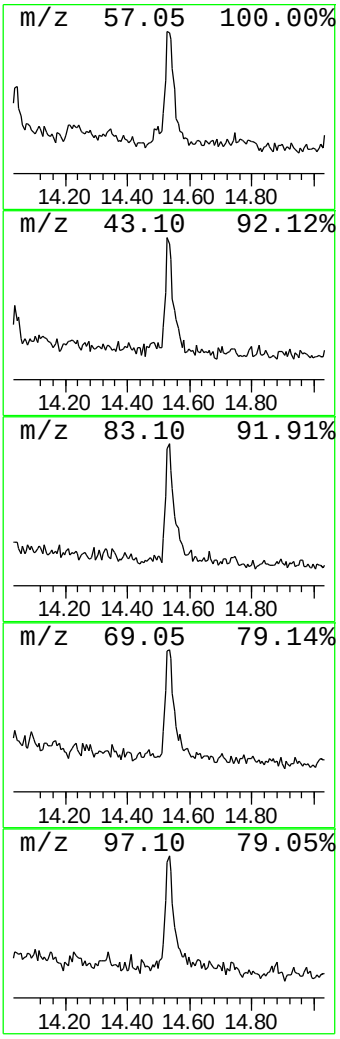
****

Peak Number 8 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	5.07 ng	121068	Chrysene-d12	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF110117\
Data File : BF100056.D
Acq On : 1 Nov 2017 20:46
Operator : SJ/JU
Sample : I6226-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-1-CONCRETE

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
3-Penten-2-one, 4...	4.37	109.8	ng	2778940	1	6.78	506064	20.0
2-Pentanone, 4-hy...	4.99	38.8	ng	980640	1	6.78	506064	20.0
unknown6.56	6.56	74.8	ng	1892390	1	6.78	506064	20.0
2-Cyclohexen-1-on...	7.12	3.0	ng	75510	1	6.78	506064	20.0
Hexadecane, 2,6,1...	10.73	4.5	ng	135680	4	11.36	597865	20.0
Octadecane	11.22	5.0	ng	149349	4	11.36	597865	20.0
Behenic alcohol	14.53	5.1	ng	121068	5	14.74	477401	20.0