LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
Data File : BF104410.D
Acq On : 10 Apr 2018 15:54
Operator : JU/SJ
Sample : J2304-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-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-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	5.016	494	498	506	rVB	113298	139024	6.31%	0.697%
2	5.416	561	566	570	rBV	2134127	2168179	98.42%	10.874%
3	6.433	734	739	748	rBV	1972961	2142225	97.24%	10.744%
4	6.575	759	763	766	rBV	2454542	2203030	100.00%	11.049%
5	6.810	799	803	806	rBV	850758	683464	31.02%	3.428%
6	6.963	825	829	832	rBV	2027893	1717212	77.95%	8.613%
7	7.369	894	898	901	rBV	1381559	1293120	58.70%	6.486%
8	8.092	1017	1021	1024	rBV	1080765	844133	38.32%	4.234%
9	9.169	1199	1204	1207	rBV	2554517	2159078	98.00%	10.829%
10	9.557	1267	1270	1274	rBV	167880	144060	6.54%	0.723%
11	9.774	1300	1307	1310	rBV	63263	51230	2.33%	0.257%
12	9.845	1315	1319	1323	rBV2	903581	762349	34.60%	3.824%
13	10.274	1390	1392	1395	rVB	72808	50774	2.30%	0.255%
14	10.492	1424	1429	1432	rBV2	34669	49542	2.25%	0.248%
15	10.633	1447	1453	1457	rBV	1198621	1028685	46.69%	5.159%
16	10.751	1470	1473	1483	rBV2	67044	117360	5.33%	0.589%
17	11.198	1546	1549	1551	rBV	29953	28314	1.29%	0.142%
18	11.227	1551	1554	1562	rVB	48514	55650	2.53%	0.279%
19	11.333	1569	1572	1576	rBV	774438	632284	28.70%	3.171%
20	11.857	1658	1661	1666	rBV	64563	63667	2.89%	0.319%
21	12.927	1838	1843	1846	rBV	1800474	1753573	79.60%	8.795%
22	13.815	1991	1994	2001	rBV	305109	300669	13.65%	1.508%
23	13.980	2018	2022	2025	rBV	808602	748008	33.95%	3.752%
24	14.457	2100	2103	2109	rBV3	106132	115130	5.23%	0.577%
25	14.904	2177	2179	2184	rVB3	47012	44251	2.01%	0.222%
26	15.092	2209	2211	2213	rBV	43832	41544	1.89%	0.208%
27	15.439	2266	2270	2275	rBV	414046	530904	24.10%	2.663%
28	15.903	2346	2349	2353	rVB2	53290	70799	3.21%	0.355%

Sum of corrected areas: 19938258

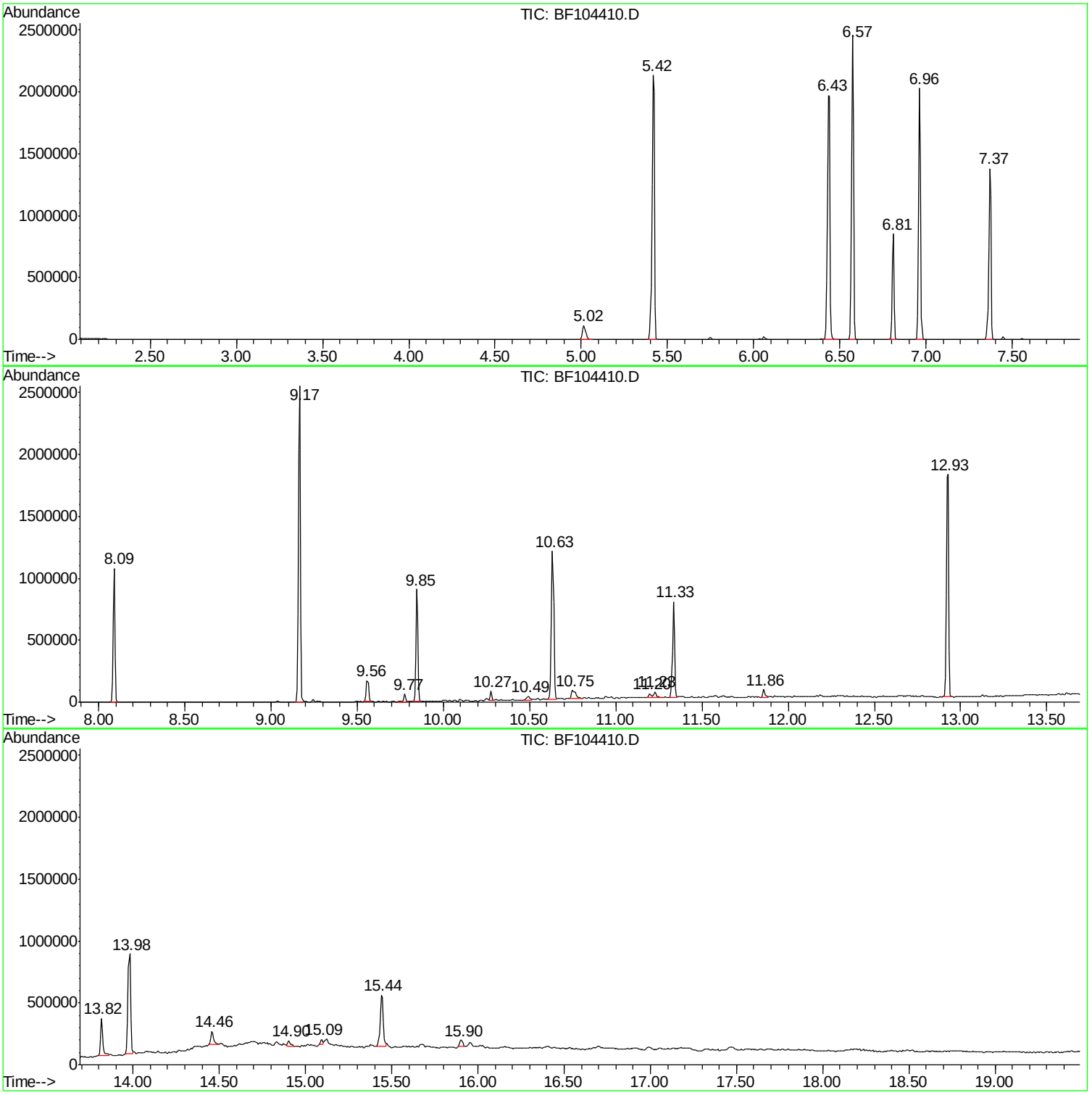
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
Data File : BF104410.D
Acq On : 10 Apr 2018 15:54
Operator : JU/SJ
Sample : J2304-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

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\BF041018\
Data File : BF104410.D
Acq On : 10 Apr 2018 15:54
Operator : JU/SJ
Sample : J2304-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

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

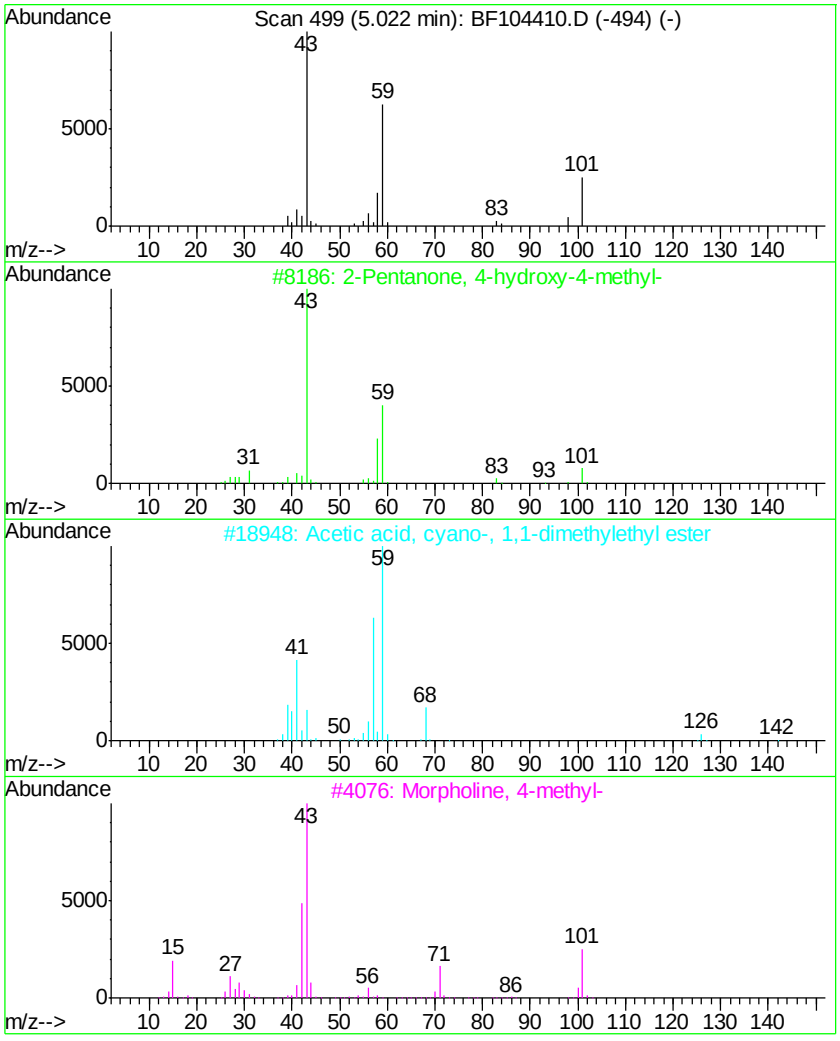
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

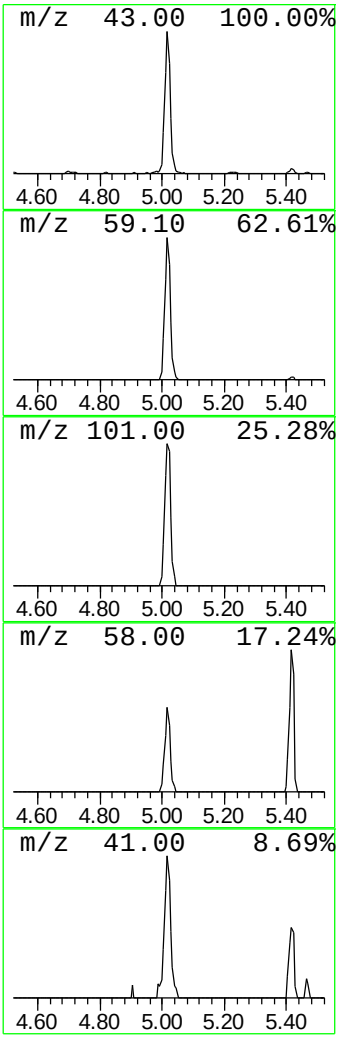
****

Peak Number 1 unknown5.02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	4.07 ng	139024	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Data File : BF104410.D
Acq On : 10 Apr 2018 15:54
Operator : JU/SJ
Sample : J2304-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

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

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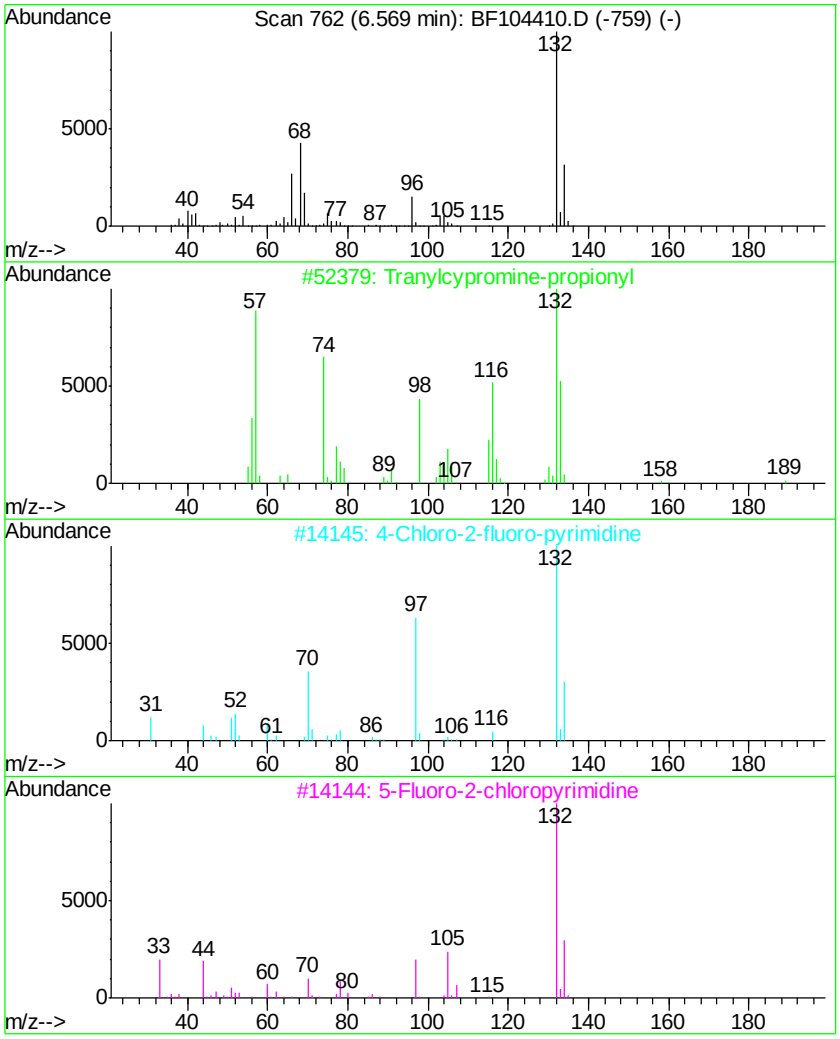
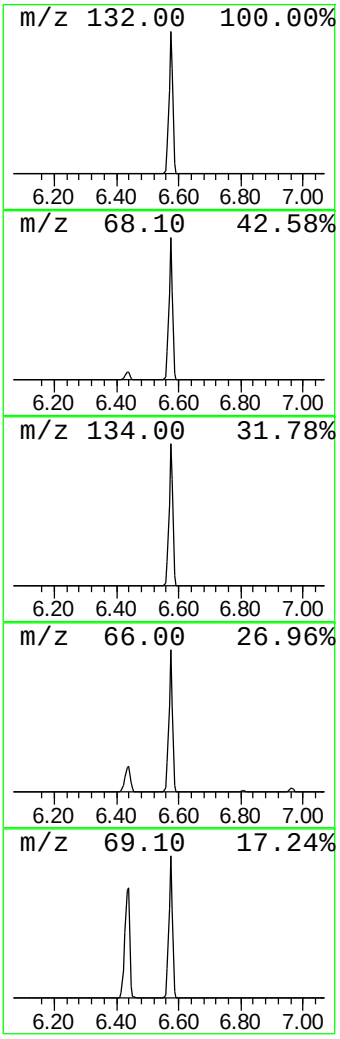
Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	64.47 ng	2203030	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
Data File : BF104410.D
Acq On : 10 Apr 2018 15:54
Operator : JU/SJ
Sample : J2304-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

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

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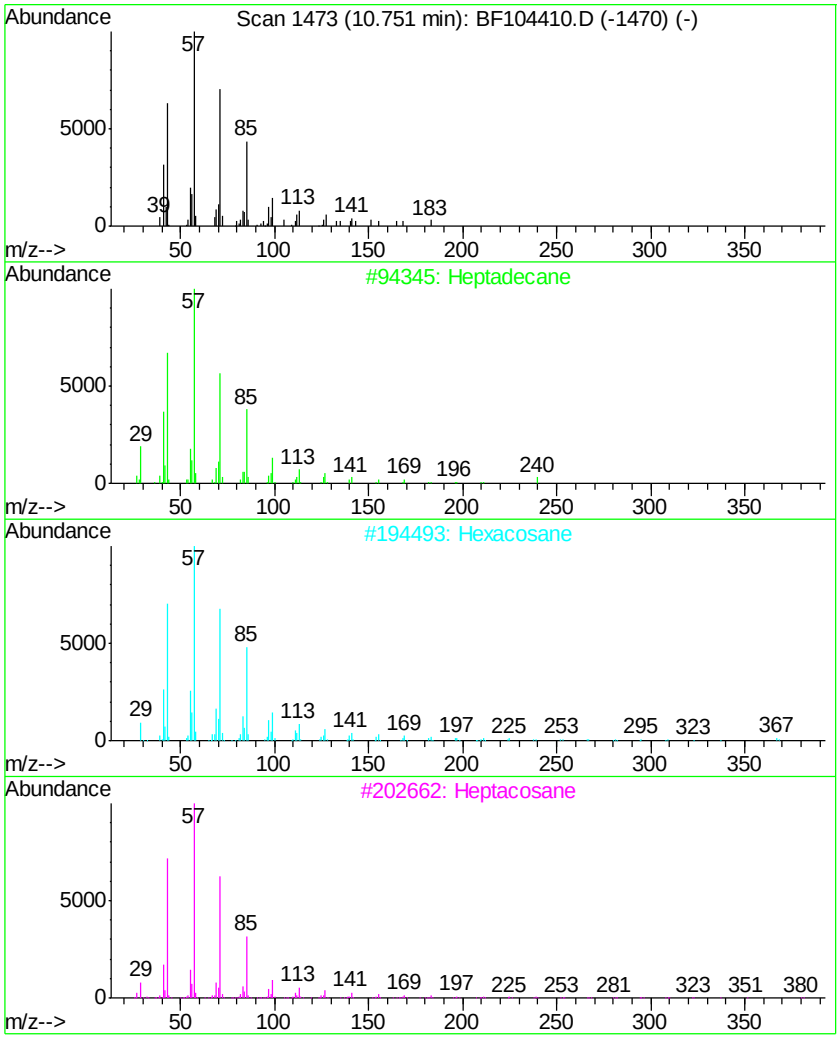
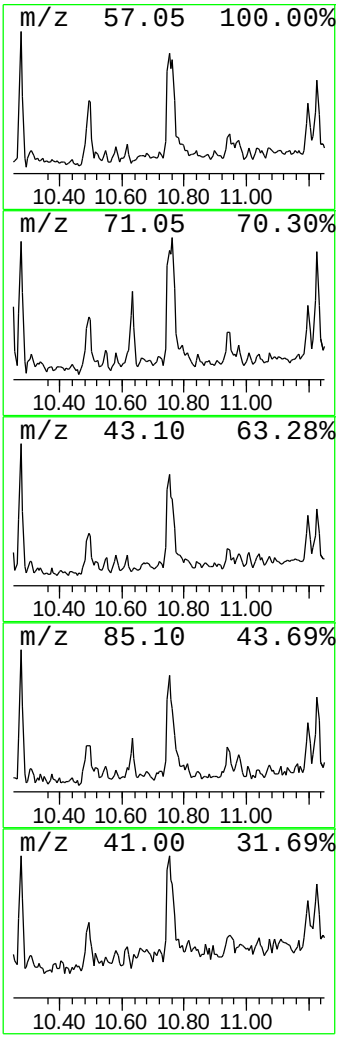
Peak Number 4 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	3.71 ng	117360	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Hexadecane	226	C16H34	000544-76-3	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
Data File : BF104410.D
Acq On : 10 Apr 2018 15:54
Operator : JU/SJ
Sample : J2304-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

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

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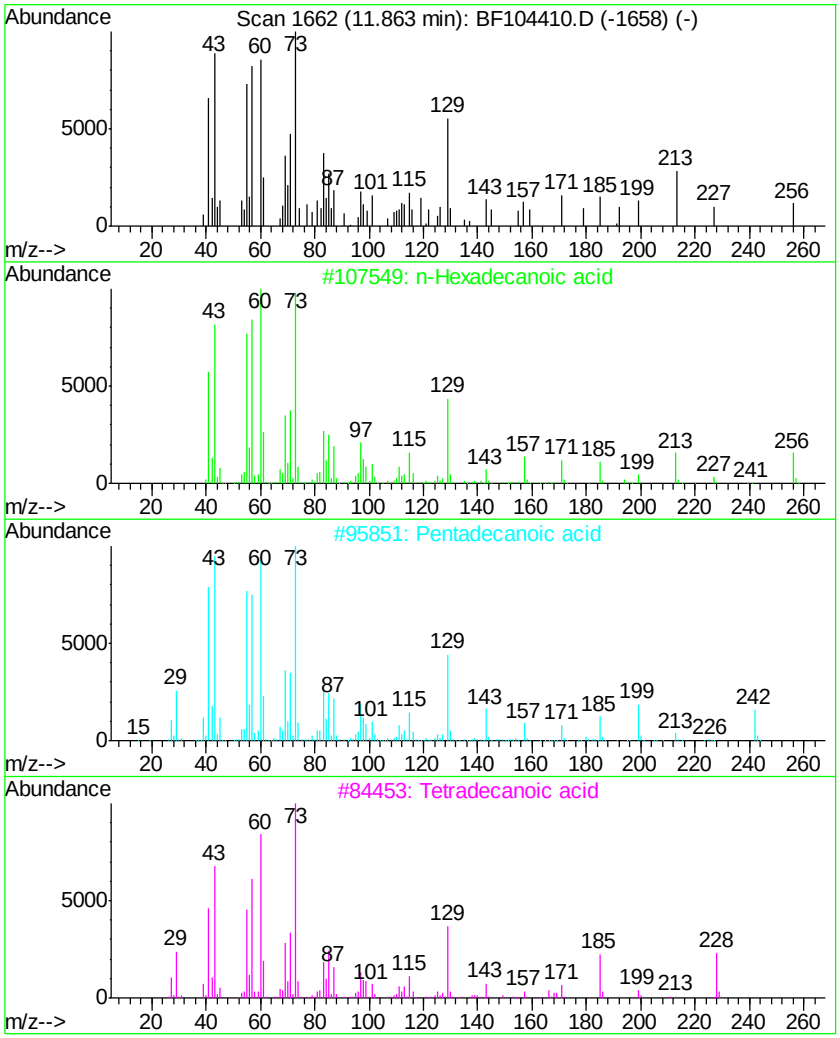
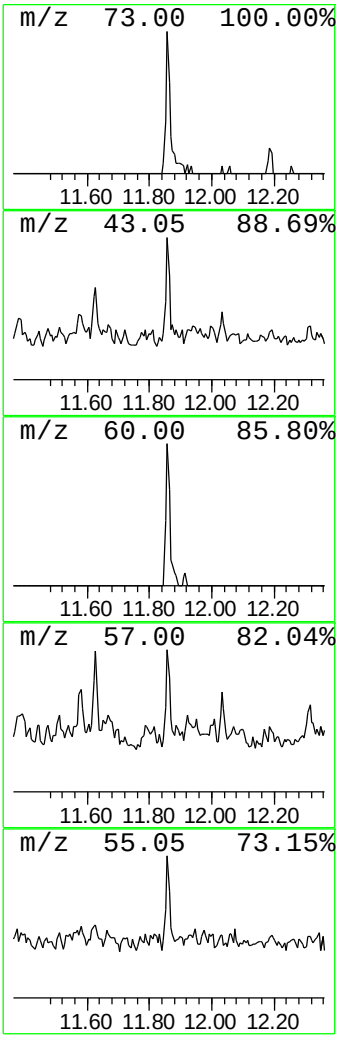
Peak Number 5 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.01 ng	63667	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
Data File : BF104410.D
Acq On : 10 Apr 2018 15:54
Operator : JU/SJ
Sample : J2304-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

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

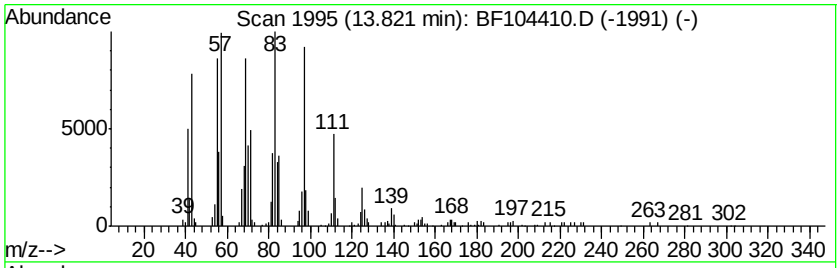
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

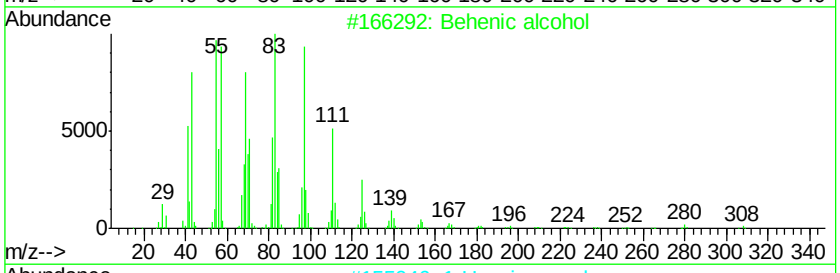
****

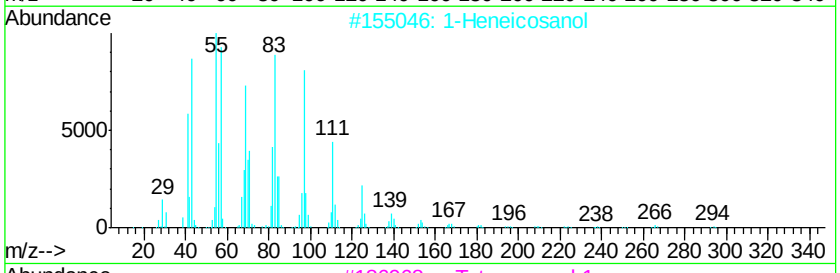
Peak Number 6 Behenic alcohol Concentration Rank 3

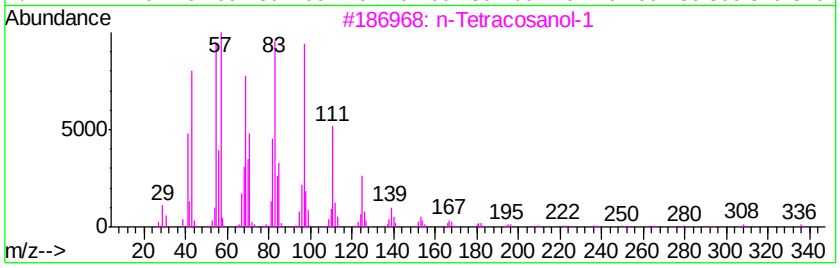
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	8.04 ng	300669	Chrysene-d12	13.98

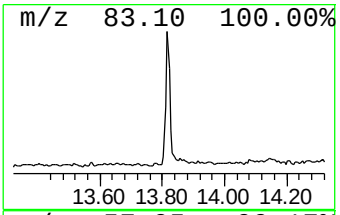
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94

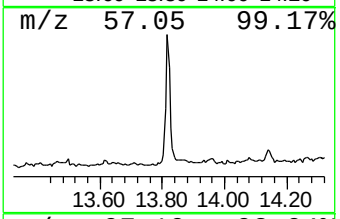


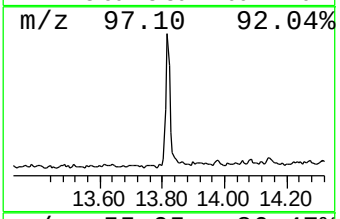


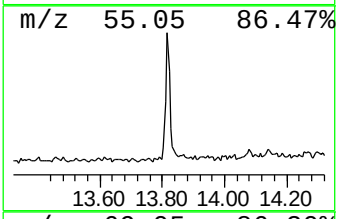


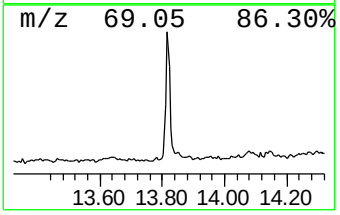












Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
Data File : BF104410.D
Acq On : 10 Apr 2018 15:54
Operator : JU/SJ
Sample : J2304-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

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

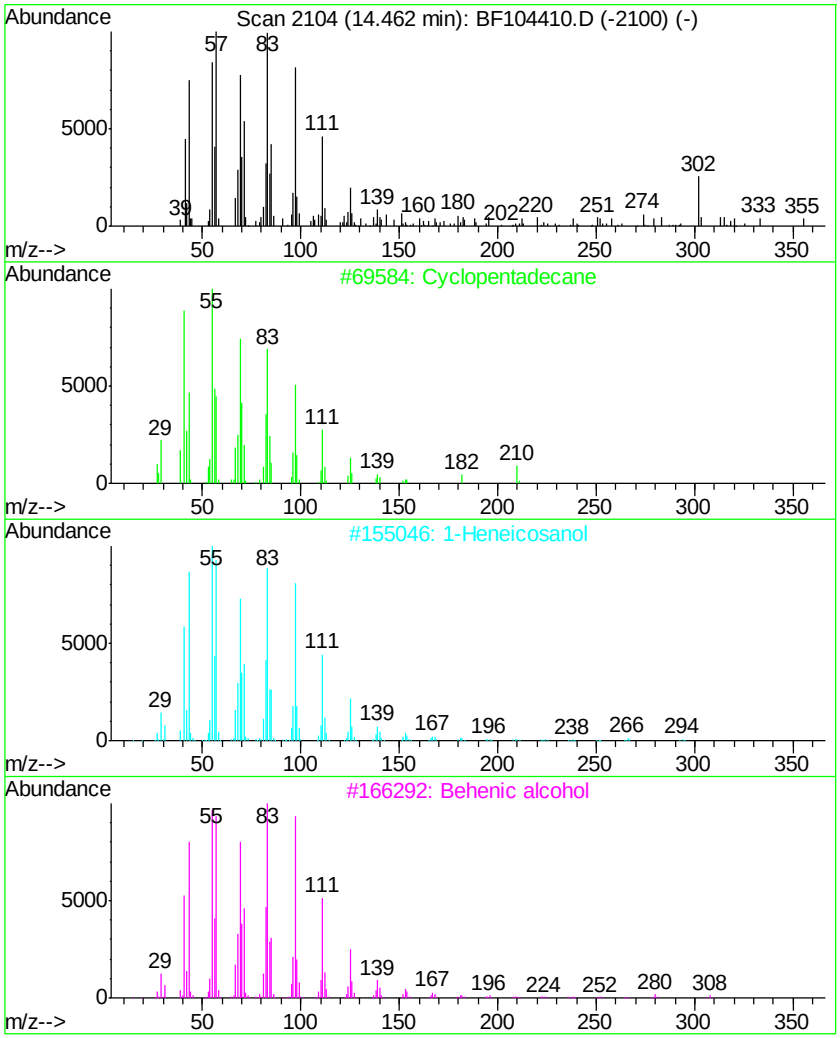
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

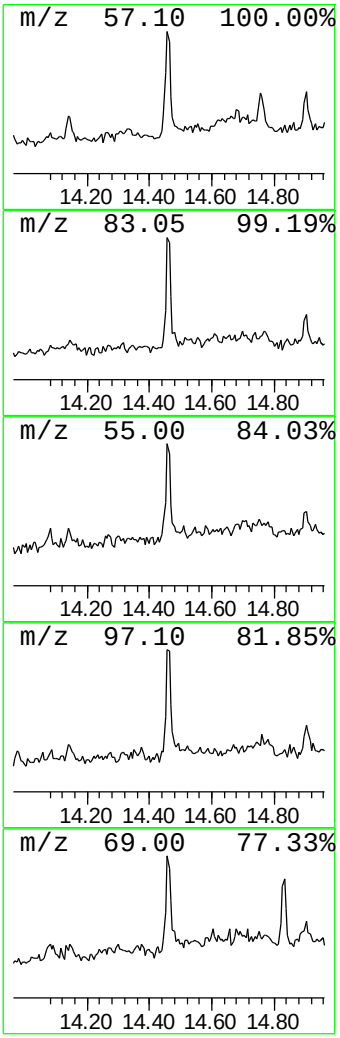
****

Peak Number 7 Cyclopentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	3.08 ng	115130	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90
5	17-Pentatriacontene	491	C35H70	006971-40-0	90





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TIC Library : C:\DATABASE\NIST11.L
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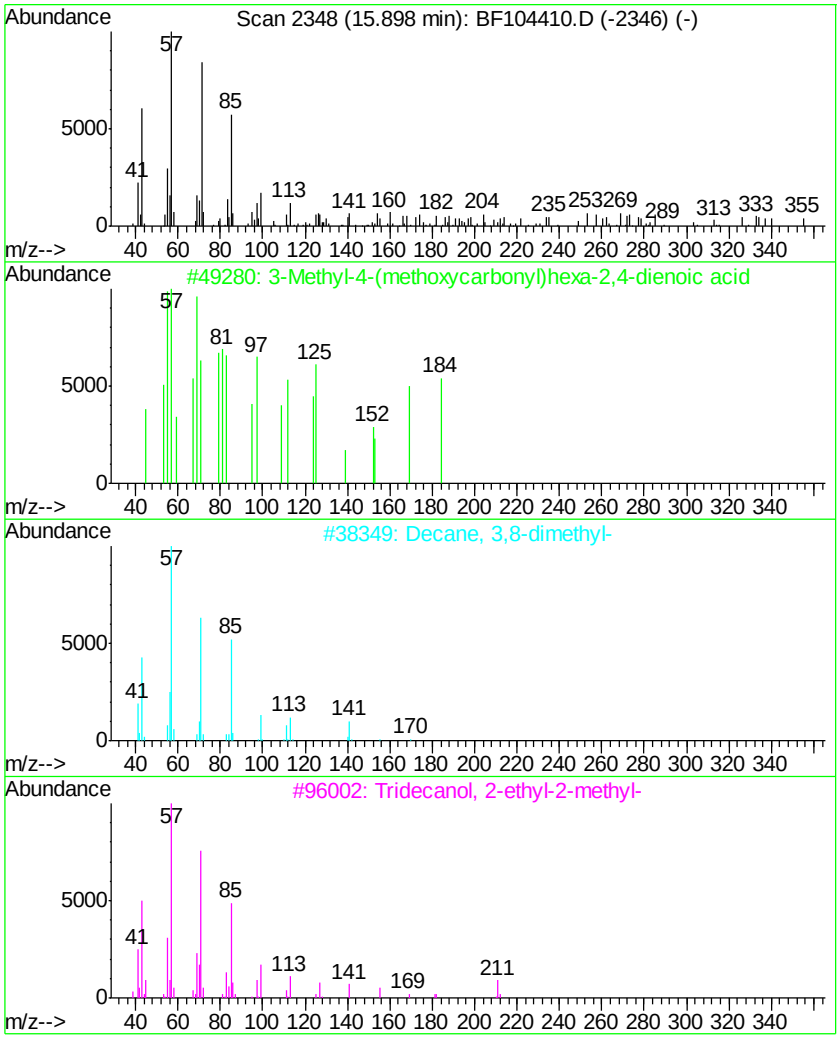
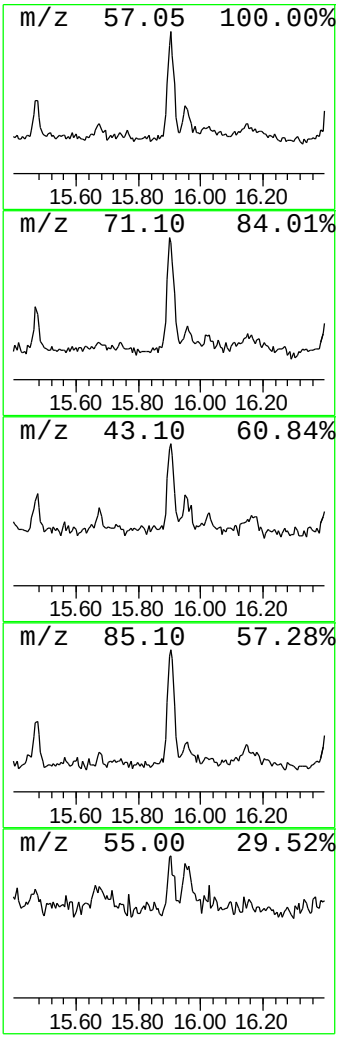
****

Peak Number 8 3-Methyl-4-(methoxycarbonyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.67 ng	70799	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	91
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	58
4	Heptacosane	380	C27H56	000593-49-7	52
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041018\
Data File : BF104410.D
Acq On : 10 Apr 2018 15:54
Operator : JU/SJ
Sample : J2304-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

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
unknown5.02	5.02	4.1	ng	139024	1	6.81	683464	20.0
unknown6.57	6.57	64.5	ng	2203030	1	6.81	683464	20.0
Heptadecane	10.75	3.7	ng	117360	4	11.33	632284	20.0
n-Hexadecanoic acid	11.86	2.0	ng	63667	4	11.33	632284	20.0
Behenic alcohol	13.82	8.0	ng	300669	5	13.98	748008	20.0
Cyclopentadecane	14.46	3.1	ng	115130	5	13.98	748008	20.0
3-Methyl-4-(metho...	15.90	2.7	ng	70799	6	15.44	530904	20.0