LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110635.D
Acq On : 9 Nov 2018 18:53
Operator : JU/SJ
Sample : J5864-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OLDMANS-2

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-BF110818.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	2.275	28	32	43	rVB	73319	98797	4.94%	0.607%
2	5.181	523	526	538	rBV	36216	52716	2.64%	0.324%
3	5.563	587	591	602	rBV	1478417	1476693	73.87%	9.075%
4	6.569	757	762	777	rBV	1572997	1642858	82.18%	10.097%
5	6.710	782	786	790	rBV	1675161	1609428	80.51%	9.891%
6	6.945	822	826	832	rBV	468372	421026	21.06%	2.588%
7	7.098	848	852	865	rBV	1396585	1213019	60.68%	7.455%
8	7.510	917	922	942	rBV	924159	1008116	50.43%	6.196%
9	8.228	1039	1044	1058	rBV	521233	564942	28.26%	3.472%
10	9.298	1221	1226	1229	rBV	2052814	1851654	92.63%	11.380%
11	9.692	1288	1293	1300	rBV	64022	61055	3.05%	0.375%
12	9.986	1338	1343	1353	rBV	682432	653149	32.67%	4.014%
13	10.780	1473	1478	1488	rBV	945816	971450	48.59%	5.970%
14	11.480	1593	1597	1605	rBV	747541	696663	34.85%	4.282%
15	13.063	1861	1866	1869	rBV	2213411	1999081	100.00%	12.286%
16	13.939	2012	2015	2030	rBV2	51355	100606	5.03%	0.618%
17	14.127	2043	2047	2057	rBV	626095	631747	31.60%	3.883%
18	14.257	2065	2069	2072	rBV	29135	26123	1.31%	0.161%
19	14.557	2117	2120	2128	rBV	55207	57575	2.88%	0.354%
20	14.874	2170	2174	2178	rBV	101261	107496	5.38%	0.661%
21	14.957	2184	2188	2191	rVB	21137	22628	1.13%	0.139%
22	15.227	2229	2234	2240	rVB	140433	163392	8.17%	1.004%
23	15.621	2295	2301	2303	rBV	146500	188598	9.43%	1.159%
24	15.657	2303	2307	2315	rVB	264693	373306	18.67%	2.294%
25	16.074	2372	2378	2386	rBV	108449	168407	8.42%	1.035%
26	16.604	2462	2468	2474	rBV2	49219	88840	4.44%	0.546%
27	17.221	2569	2573	2578	rVB5	14317	22033	1.10%	0.135%

Sum of corrected areas: 16271398

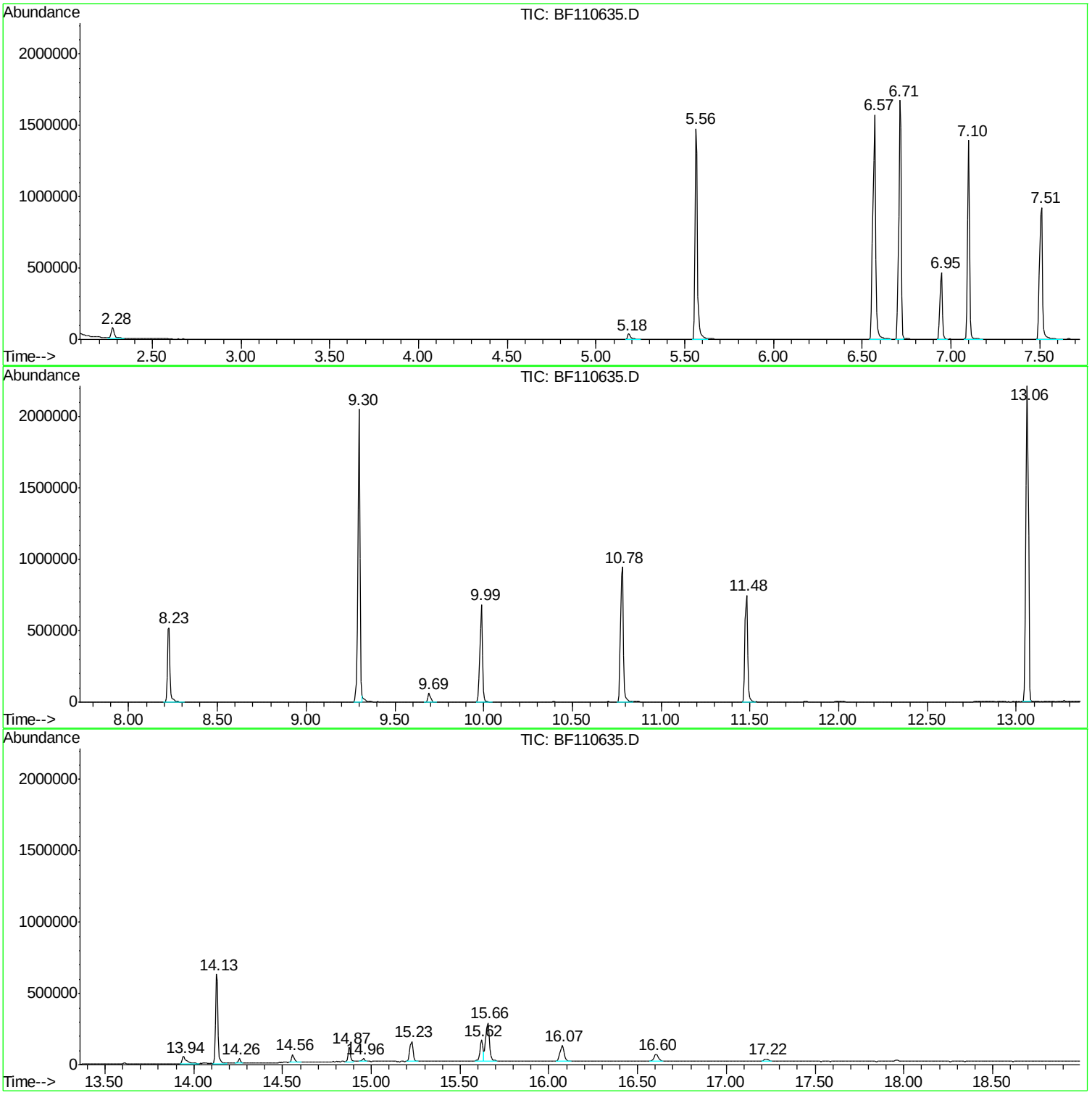
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110635.D
Acq On : 9 Nov 2018 18:53
Operator : JU/SJ
Sample : J5864-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OLDMANS-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110635.D
Acq On : 9 Nov 2018 18:53
Operator : JU/SJ
Sample : J5864-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OLDMANS-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

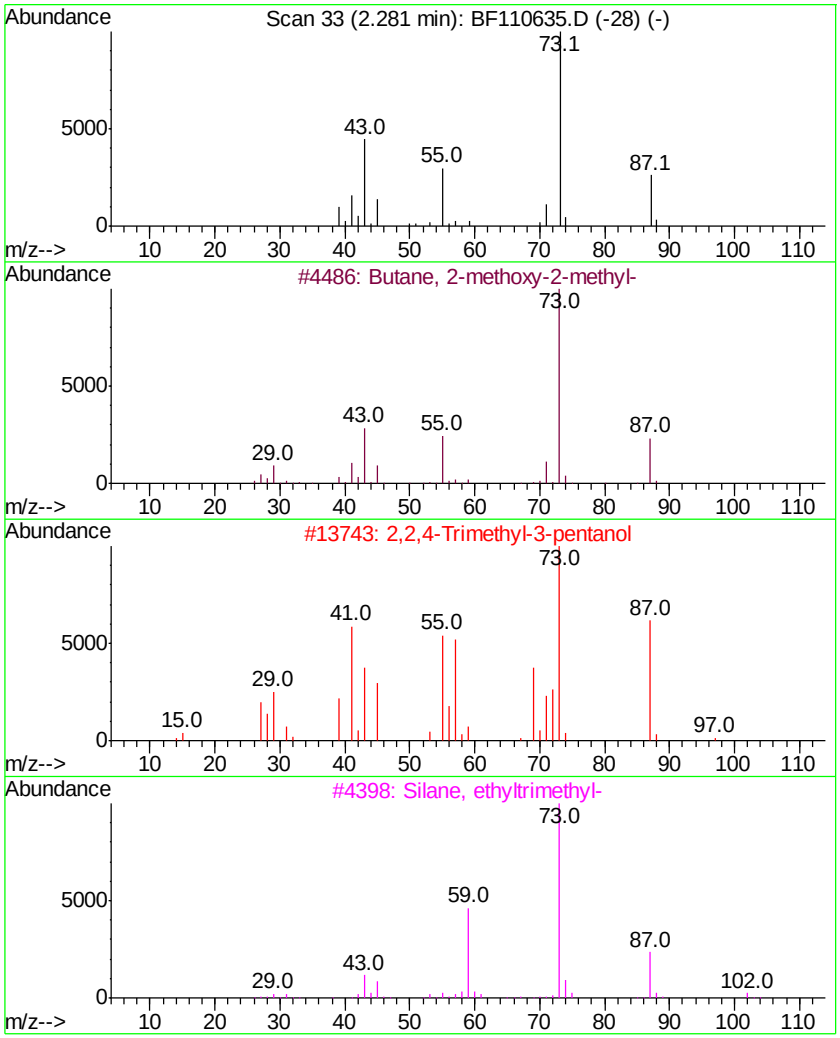
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

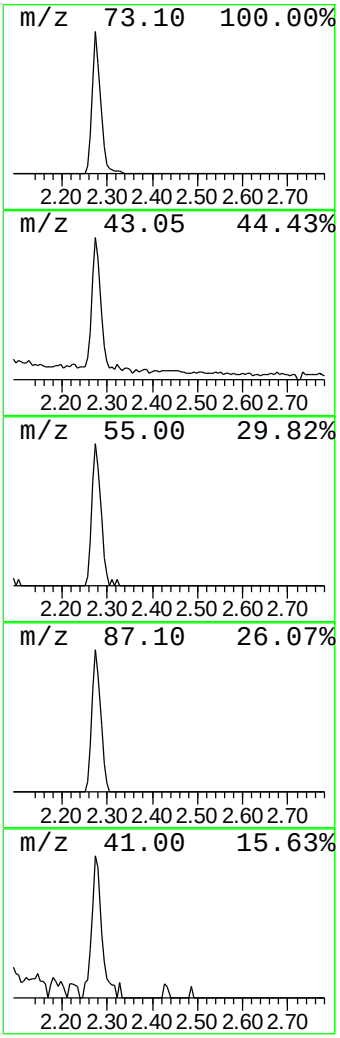
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.28	4.69 ng	98797	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110635.D
Acq On : 9 Nov 2018 18:53
Operator : JU/SJ
Sample : J5864-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OLDMANS-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

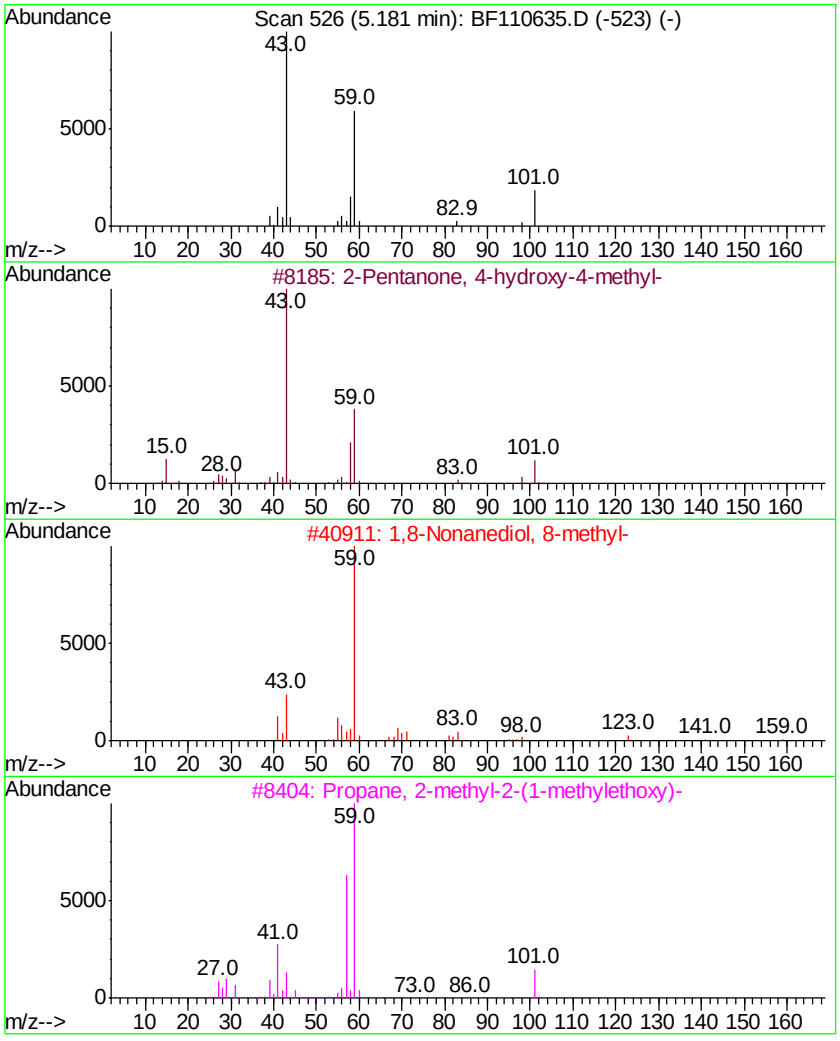
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

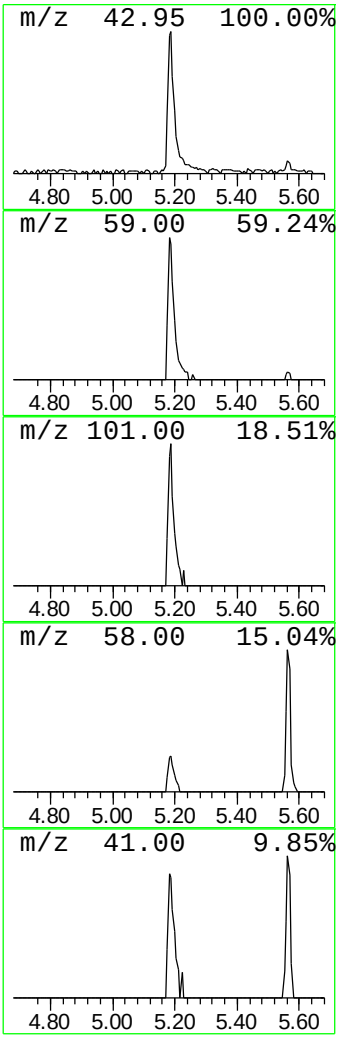
****

Peak Number 2 unknown5.18 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	2.50 ng	52716	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	37
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	32
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110635.D
Acq On : 9 Nov 2018 18:53
Operator : JU/SJ
Sample : J5864-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OLDMANS-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

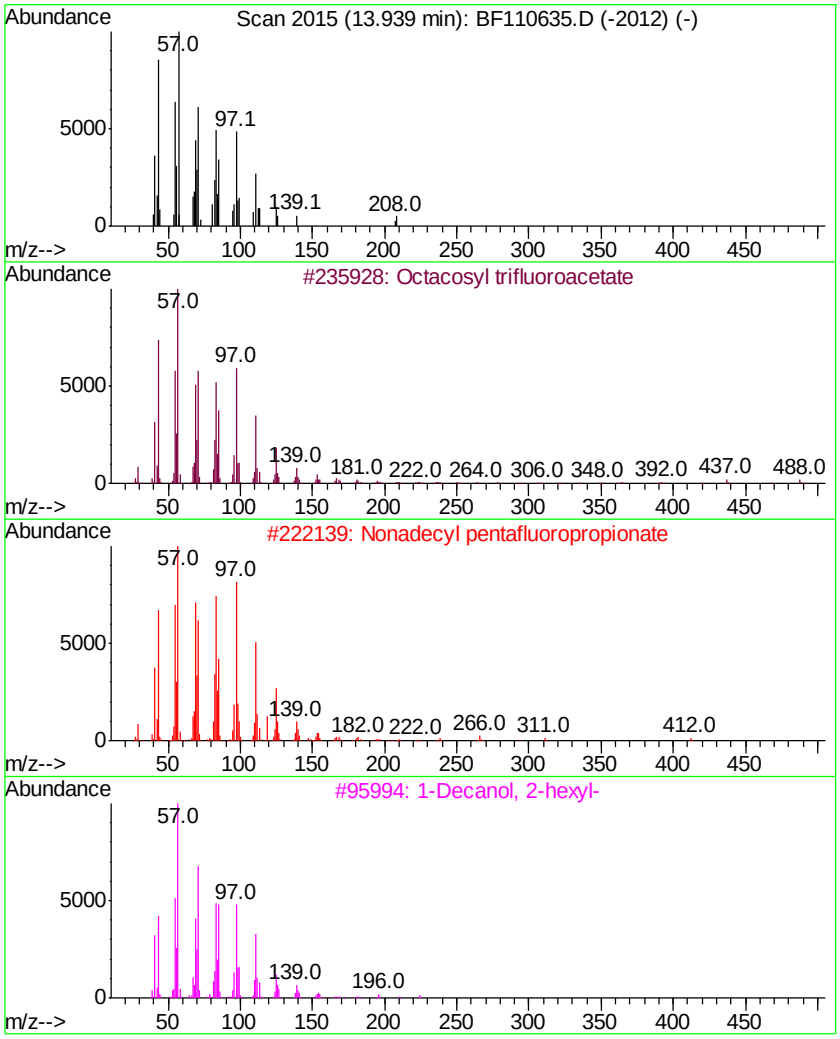
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

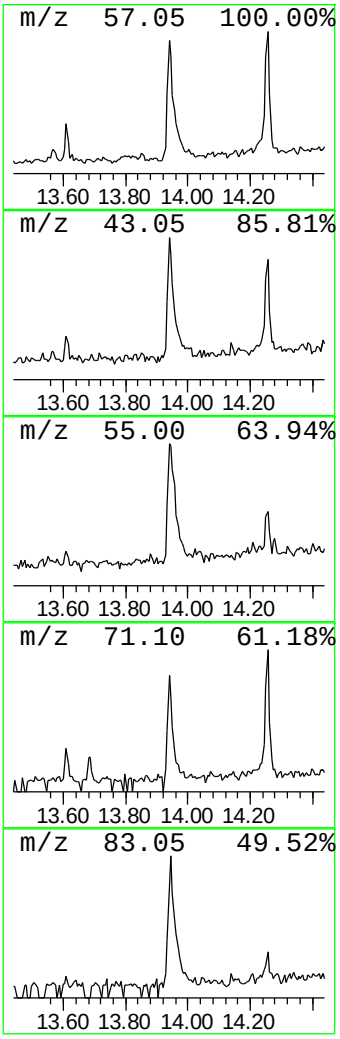
****

Peak Number 5 Octacosyl trifluoroacetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	3.19 ng	100606	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	90
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	87
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87
4	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	87
5	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110635.D
Acq On : 9 Nov 2018 18:53
Operator : JU/SJ
Sample : J5864-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OLDMANS-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

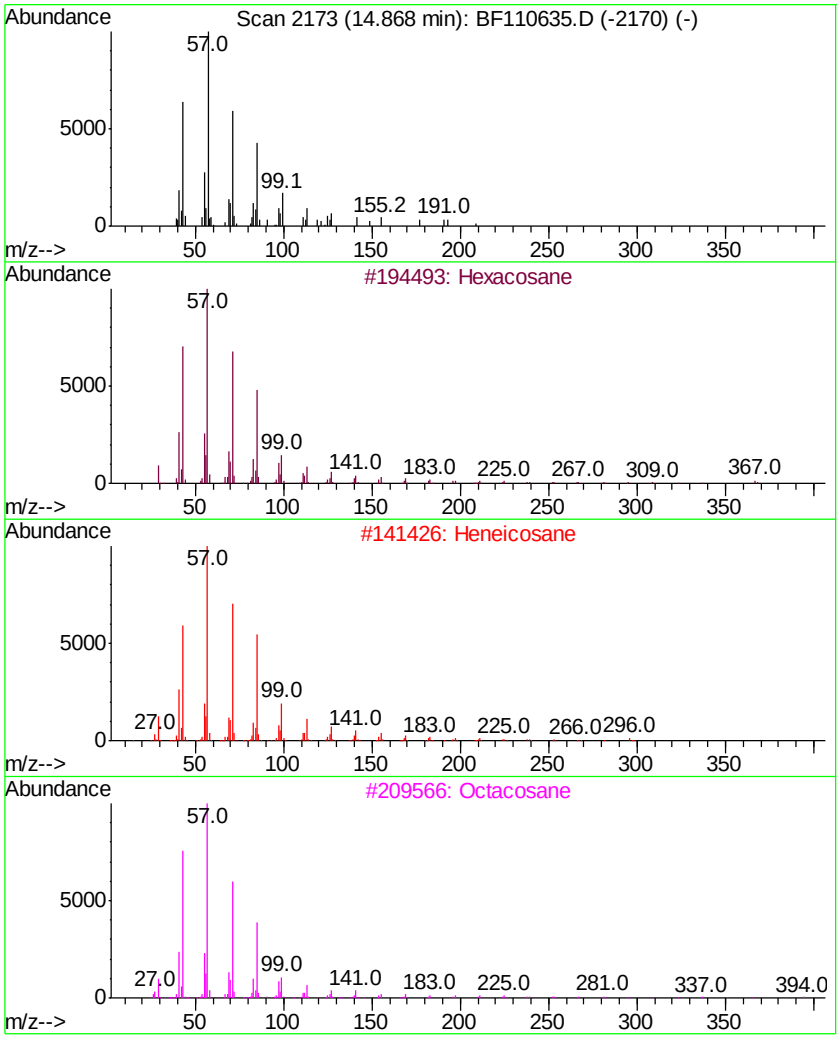
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

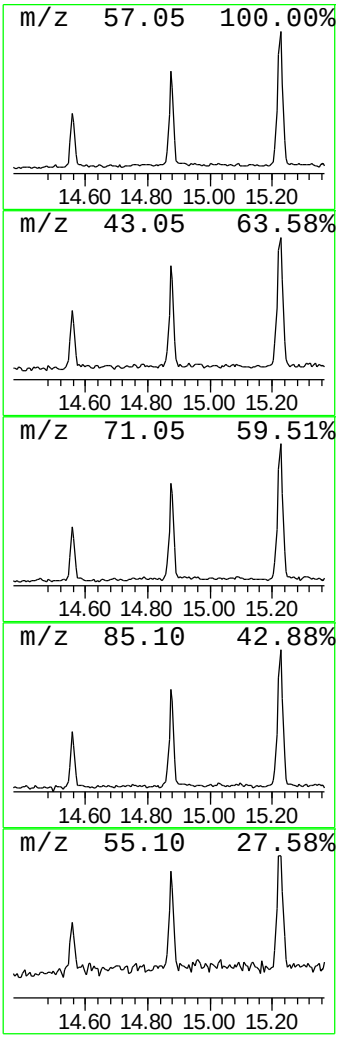
****

Peak Number 6 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	3.40 ng	107496	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5	Heptacosane	380	C27H56	000593-49-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110635.D
Acq On : 9 Nov 2018 18:53
Operator : JU/SJ
Sample : J5864-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OLDMANS-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

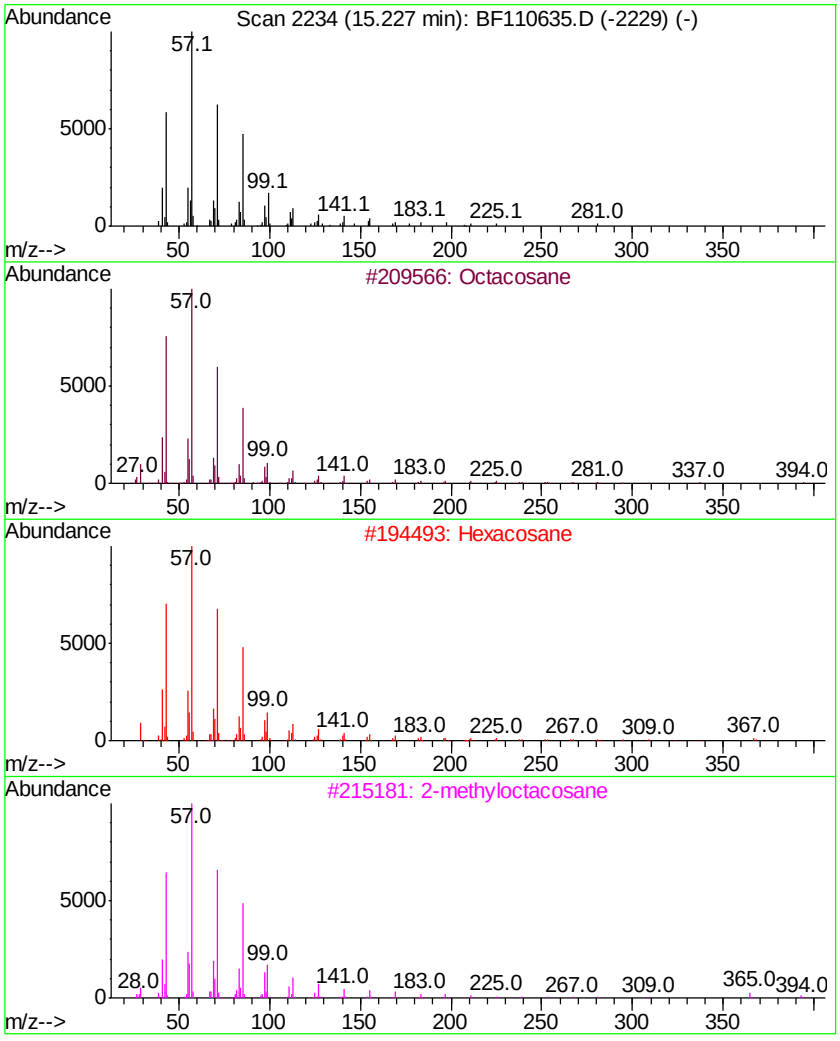
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

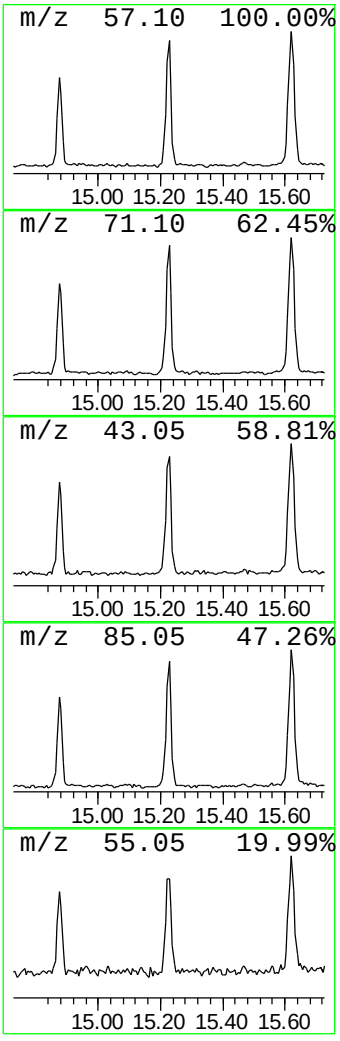
****

Peak Number 7 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	8.75 ng	163392	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110635.D
Acq On : 9 Nov 2018 18:53
Operator : JU/SJ
Sample : J5864-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OLDMANS-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

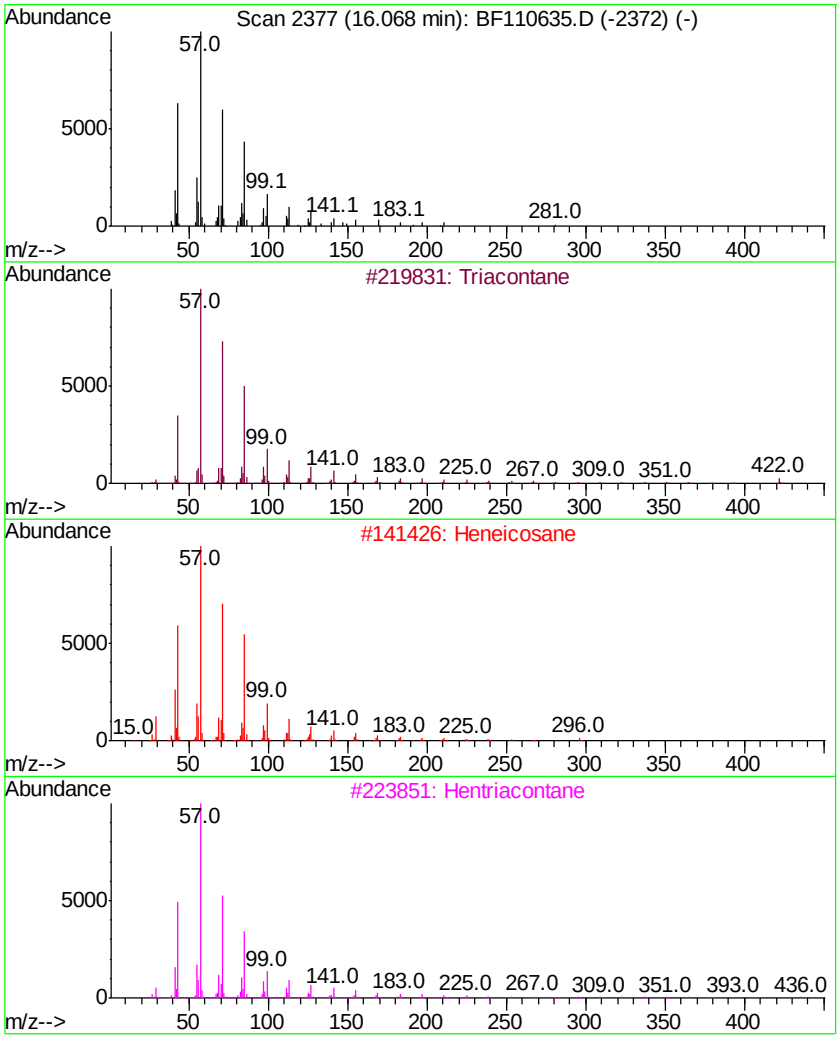
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

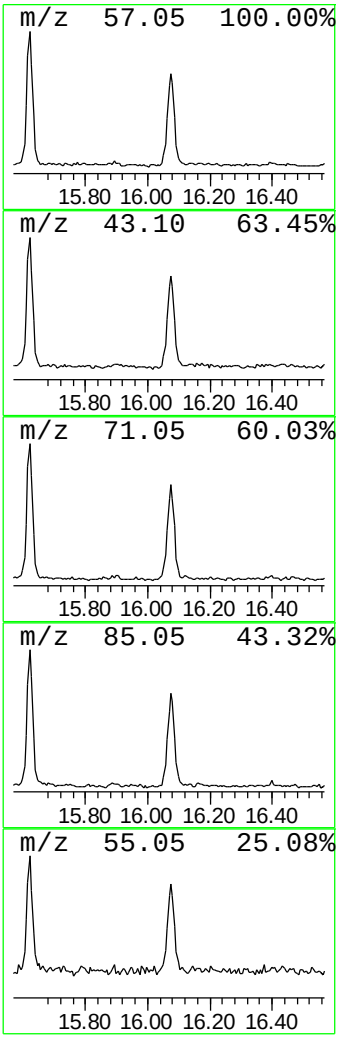
****

Peak Number 8 Triacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	9.02 ng	168407	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110635.D
Acq On : 9 Nov 2018 18:53
Operator : JU/SJ
Sample : J5864-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OLDMANS-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

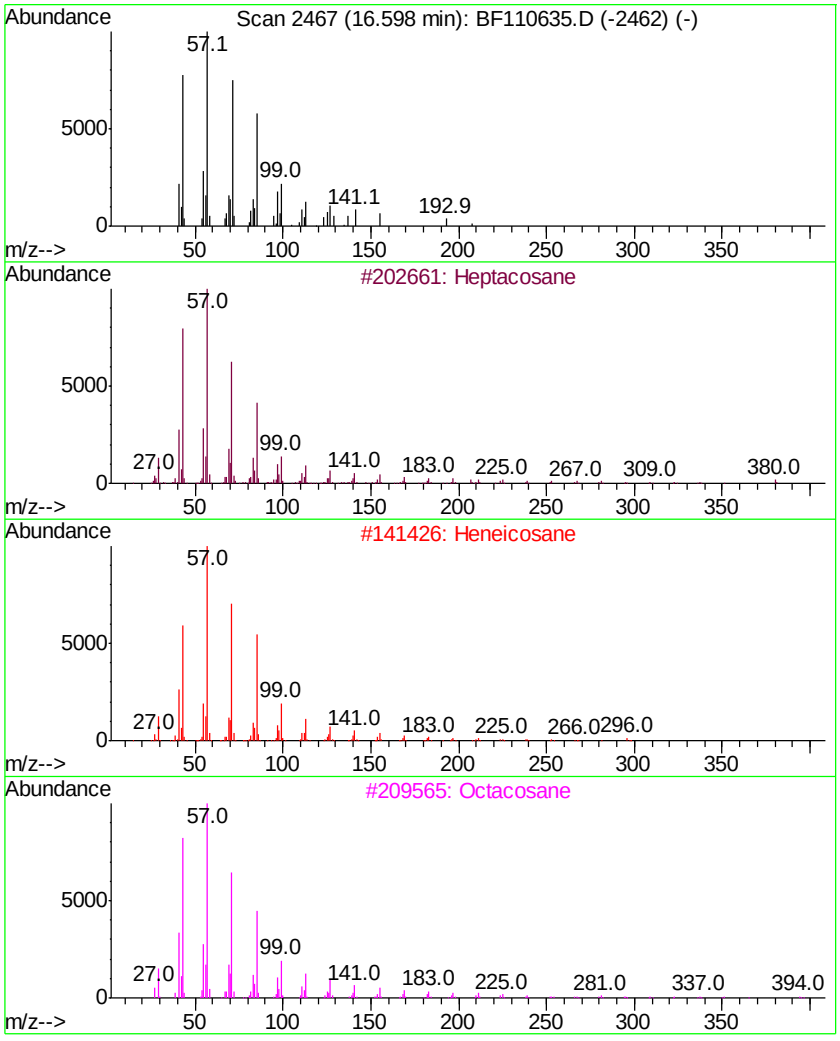
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

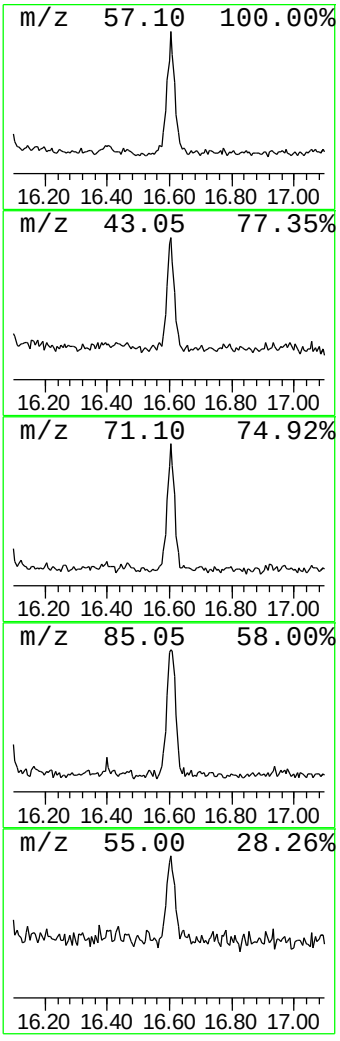
****

Peak Number 9 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	4.76 ng	88840	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Pentacosane	352	C25H52	000629-99-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110918\
Data File : BF110635.D
Acq On : 9 Nov 2018 18:53
Operator : JU/SJ
Sample : J5864-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OLDMANS-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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
Butane, 2-methoxy...	2.28	4.7	ng	98797	1	6.95	421026	20.0
unknown5.18	5.18	2.5	ng	52716	1	6.95	421026	20.0
Octacosyl trifluo...	13.94	3.2	ng	100606	5	14.13	631747	20.0
Hexacosane	14.87	3.4	ng	107496	5	14.13	631747	20.0
Octacosane	15.23	8.8	ng	163392	6	15.66	373306	20.0
Triacontane	16.07	9.0	ng	168407	6	15.66	373306	20.0
Heptacosane	16.60	4.8	ng	88840	6	15.66	373306	20.0