LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107006.D
Acq On : 30 Jun 2018 11:30
Operator : JU/SJ
Sample : J3628-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC11-01

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-BF061918.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	5.195	481	486	497	rBV	105866	127547	9.00%	0.886%
2	5.601	551	555	566	rBV	1372540	1346700	95.00%	9.356%
3	6.601	721	725	737	rBV	1249531	1364401	96.25%	9.479%
4	6.731	743	747	750	rBV	1524578	1391128	98.14%	9.664%
5	6.954	781	785	788	rBV	459065	416336	29.37%	2.892%
6	7.107	807	811	814	rBV	1290013	1079124	76.13%	7.497%
7	7.519	876	881	884	rBV	973214	901533	63.60%	6.263%
8	8.236	999	1003	1006	rBV	536396	501355	35.37%	3.483%
9	9.307	1181	1185	1188	rBV	1675349	1417517	100.00%	9.848%
10	9.701	1248	1252	1256	rBV	206563	170333	12.02%	1.183%
11	9.854	1275	1278	1283	rBV2	11752	21164	1.49%	0.147%
12	9.901	1283	1286	1288	rVV	34014	33728	2.38%	0.234%
13	9.995	1289	1302	1309	rVB2	581370	794425	56.04%	5.519%
14	10.183	1331	1334	1338	rBV5	15212	24077	1.70%	0.167%
15	10.401	1368	1371	1373	rVB	48671	38018	2.68%	0.264%
16	10.436	1373	1377	1385	rBV4	18445	35507	2.50%	0.247%
17	10.736	1419	1428	1433	rVB	38282	83512	5.89%	0.580%
18	10.789	1433	1437	1440	rBV	925850	824700	58.18%	5.729%
19	10.871	1449	1451	1456	rVB	43808	39185	2.76%	0.272%
20	11.319	1525	1527	1531	rVB	19974	17038	1.20%	0.118%
21	11.483	1552	1555	1558	rBV	553154	483271	34.09%	3.357%
22	11.995	1638	1642	1650	rBV3	133446	163981	11.57%	1.139%
23	12.160	1667	1670	1676	rVB6	19489	26837	1.89%	0.186%
24	12.465	1719	1722	1725	rBV2	19313	23204	1.64%	0.161%
25	12.507	1727	1729	1737	rVB4	35174	68201	4.81%	0.474%
26	12.701	1759	1762	1765	rBV	62963	58522	4.13%	0.407%
27	12.936	1795	1802	1807	rVB2	104223	199766	14.09%	1.388%
28	13.071	1820	1825	1828	rBV	1376198	1311304	92.51%	9.110%
29	13.118	1828	1833	1836	rVB7	18475	34748	2.45%	0.241%
30	13.948	1971	1974	1979	rBV2	135138	126119	8.90%	0.876%
31	14.142	2003	2007	2010	rBV	640450	589442	41.58%	4.095%
32	14.995	2148	2152	2156	rVB2	124644	158550	11.19%	1.101%
33	15.695	2266	2271	2276	rVB	385408	523329	36.92%	3.636%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107006.D
Acq On : 30 Jun 2018 11:30
Operator : JU/SJ
Sample : J3628-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AOC11-01

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 14394602

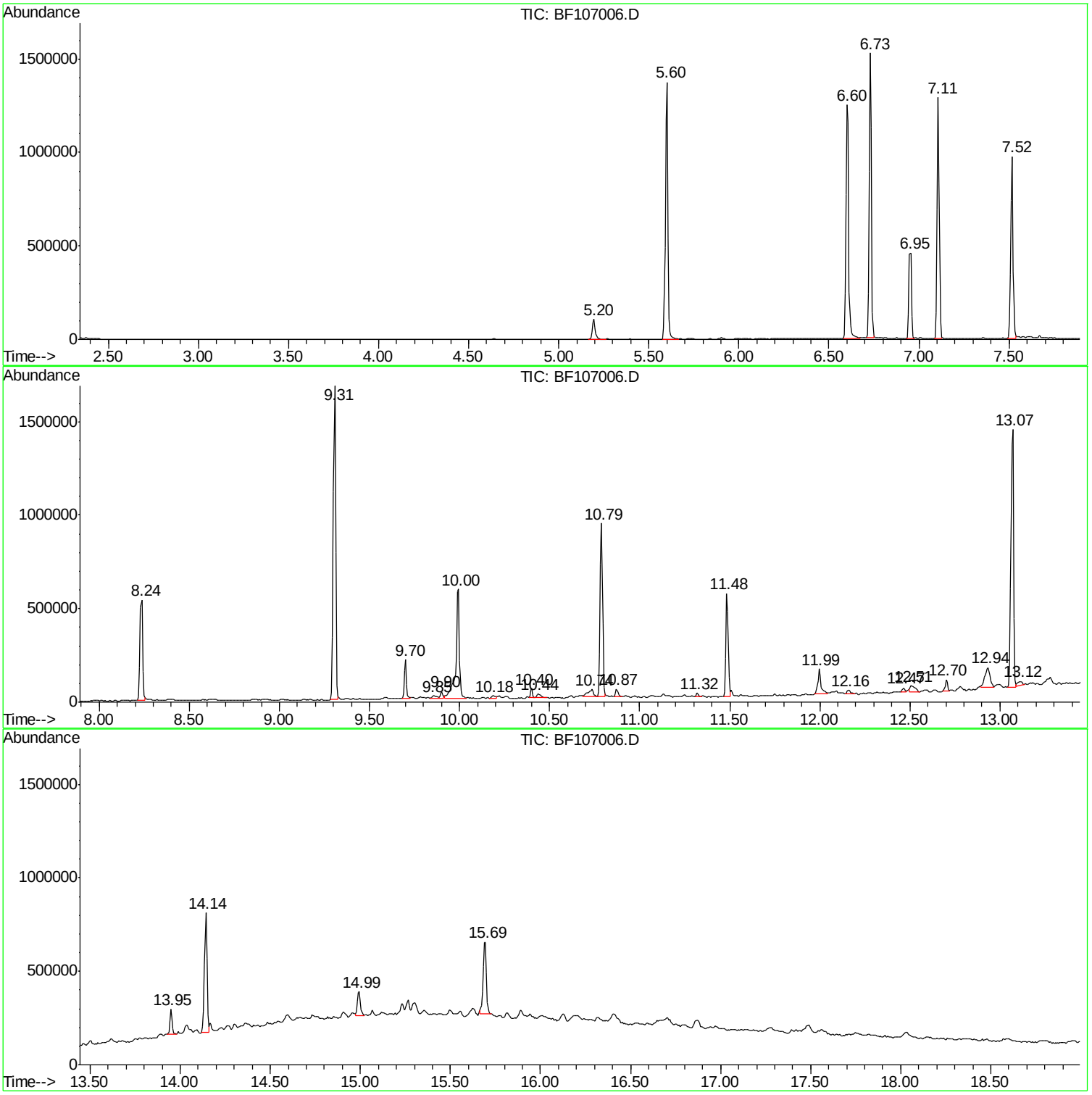
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107006.D
Acq On : 30 Jun 2018 11:30
Operator : JU/SJ
Sample : J3628-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC11-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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\BF063018\
Data File : BF107006.D
Acq On : 30 Jun 2018 11:30
Operator : JU/SJ
Sample : J3628-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC11-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

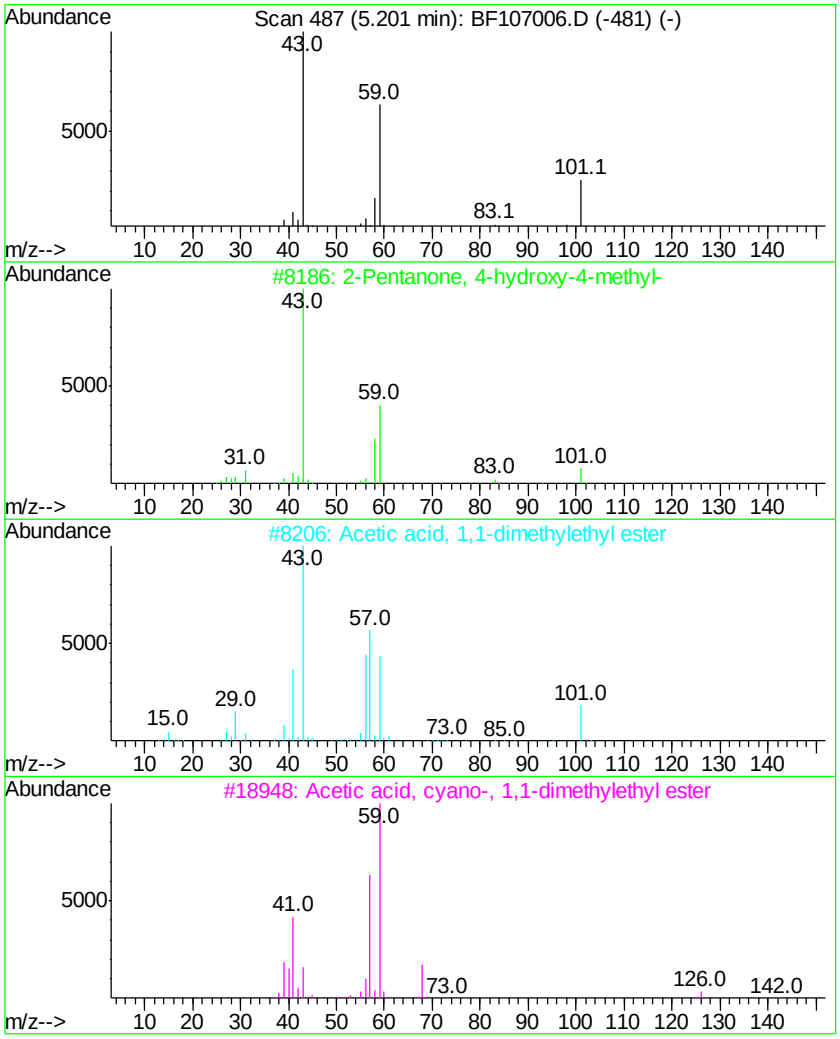
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

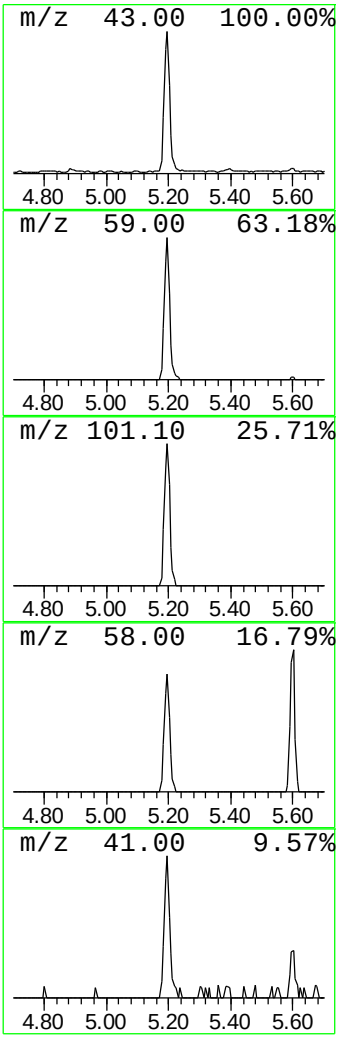
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	6.13 ng	127547	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	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107006.D
Acq On : 30 Jun 2018 11:30
Operator : JU/SJ
Sample : J3628-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC11-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

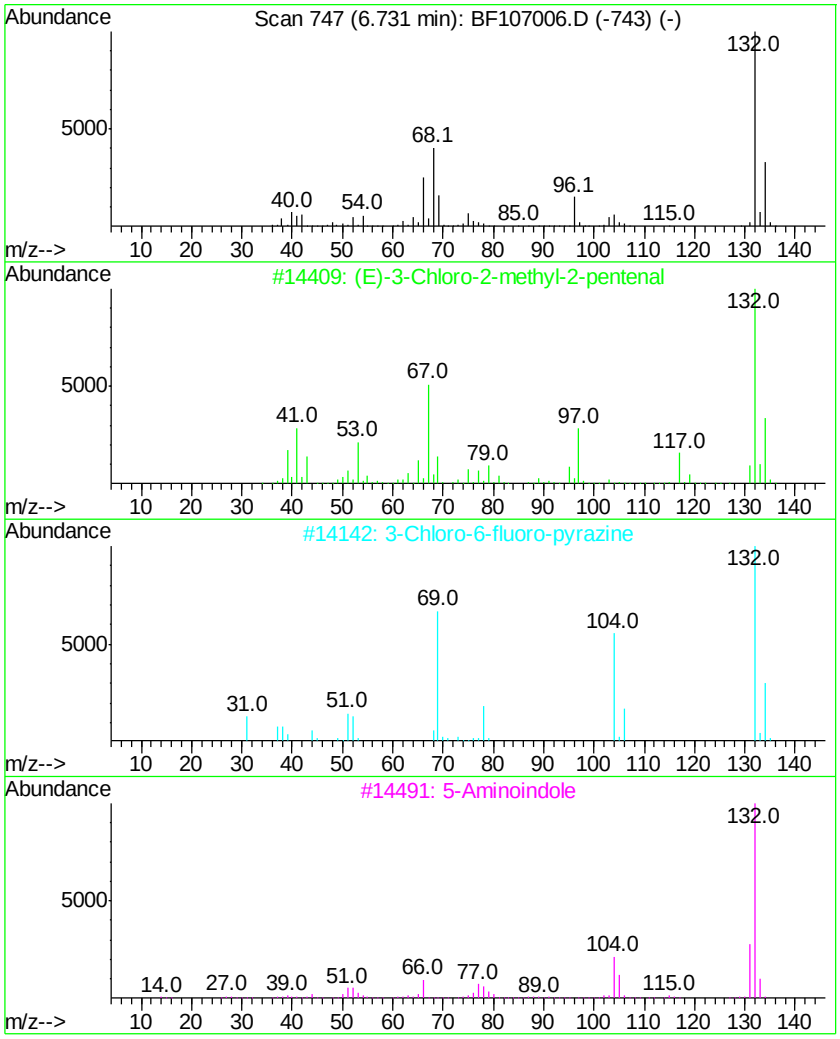
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

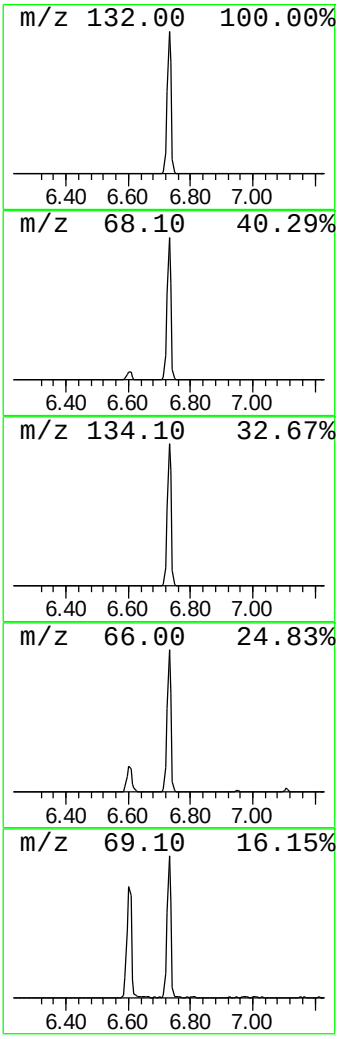
****

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	66.83 ng	1391130	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107006.D
Acq On : 30 Jun 2018 11:30
Operator : JU/SJ
Sample : J3628-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC11-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

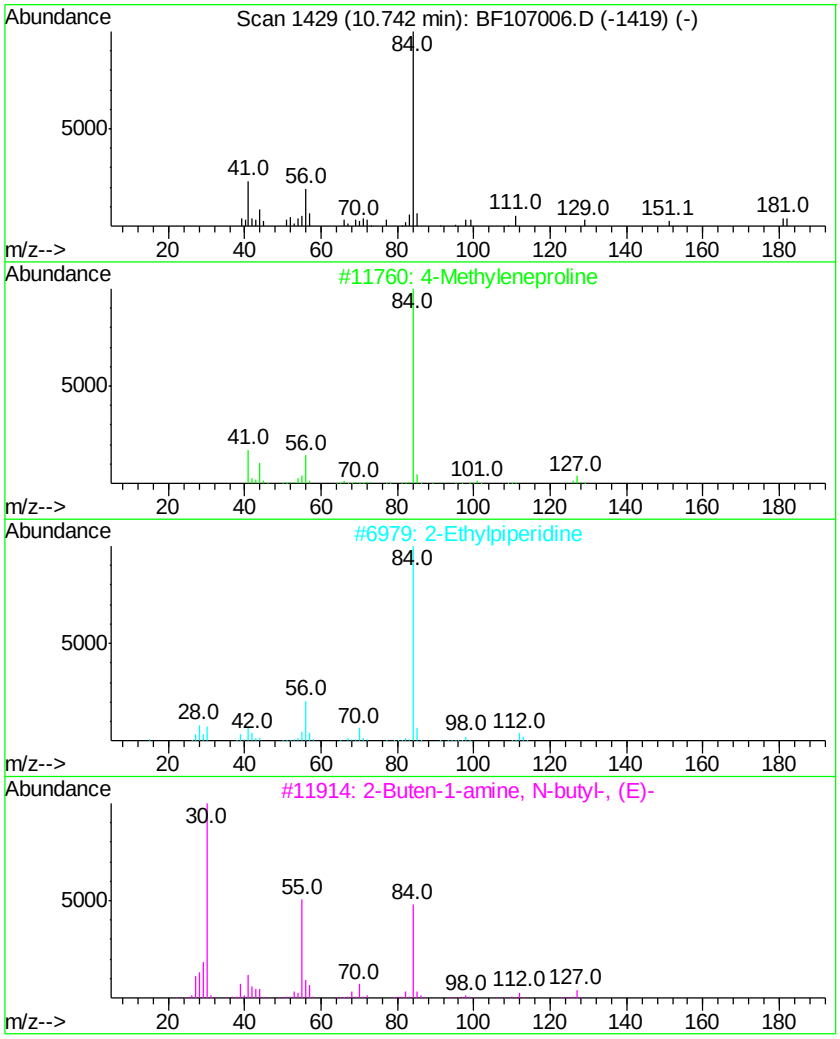
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

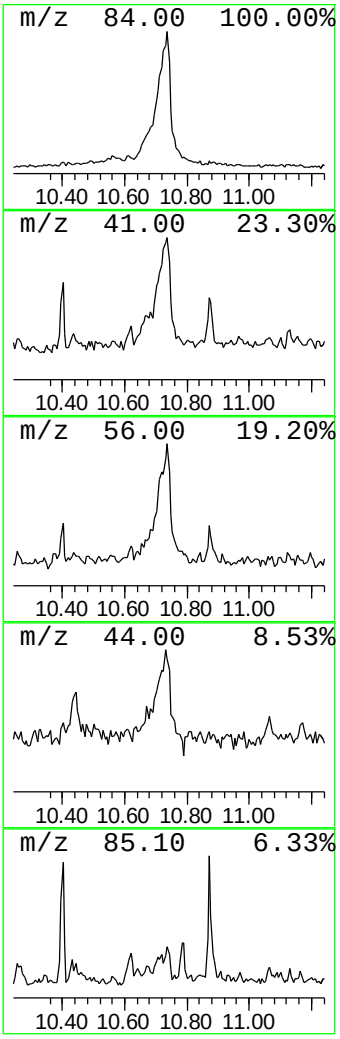
****

Peak Number 4 4-Methyleneproline Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	3.46 ng	83512	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyleneproline	127	C6H9NO2	1000131-14-7	72
2	2-Ethylpiperidine	113	C7H15N	001484-80-6	72
3	2-Buten-1-amine, N-butyl-, (E)-	127	C8H17N	062337-86-4	64
4	l-Pyrrolid-2-one, N-carboxyhydra...	143	C5H9N3O2	1000130-58-6	64
5	Cyclopentanamine, 1-(4-morpholin...	184	C10H20N2O	1000351-43-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107006.D
Acq On : 30 Jun 2018 11:30
Operator : JU/SJ
Sample : J3628-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC11-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

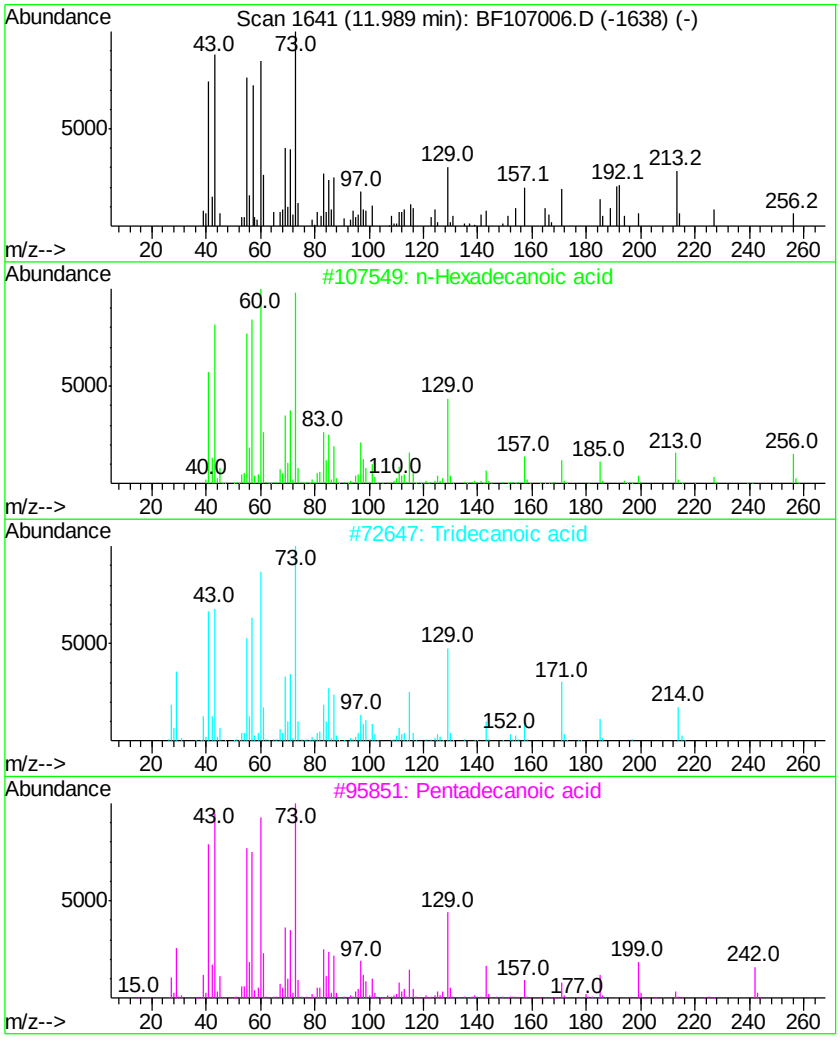
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

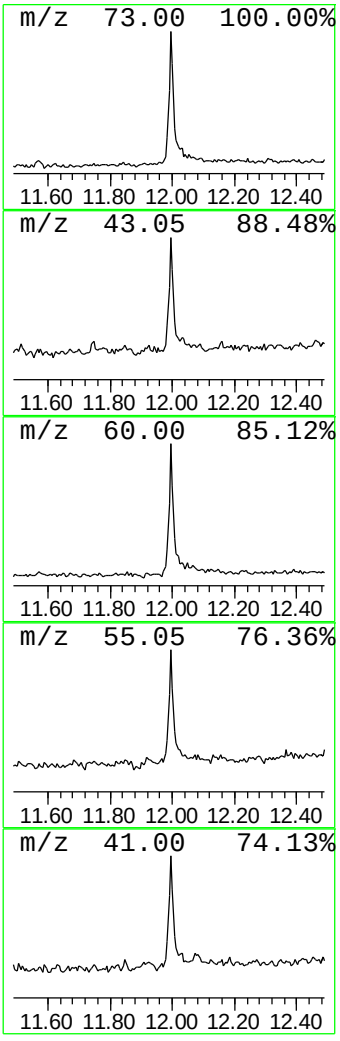
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	6.79 ng	163981	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Undecanoic acid	186	C11H22O2	000112-37-8	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107006.D
Acq On : 30 Jun 2018 11:30
Operator : JU/SJ
Sample : J3628-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC11-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

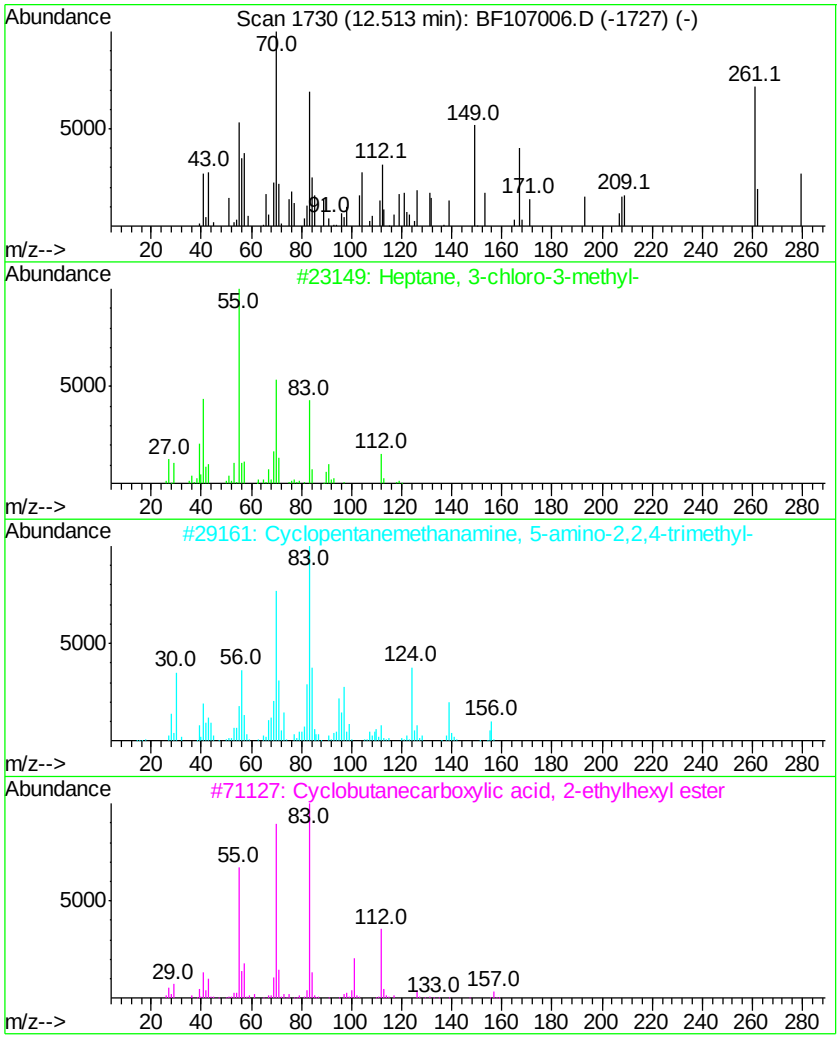
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

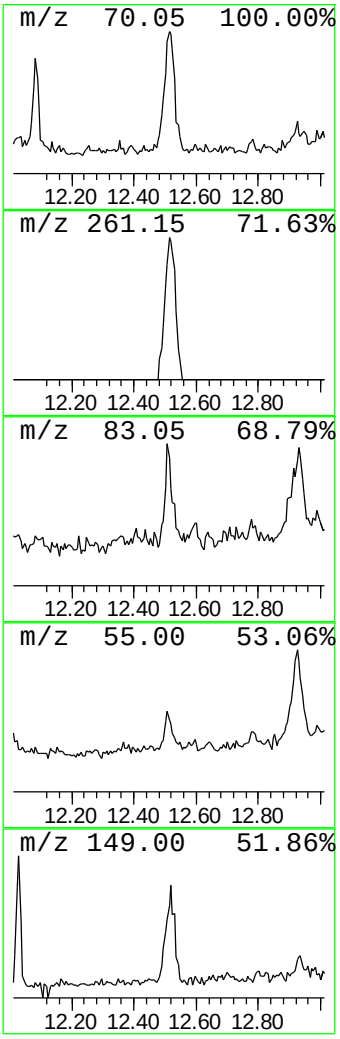
****

Peak Number 6 unknown12.51 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	2.82 ng	68201	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-chloro-3-methyl-	148	C8H17Cl	005272-02-6	35
2	Cyclopentanemethanamine, 5-amino...	156	C9H20N2	067907-32-8	35
3	Cyclobutanecarboxylic acid, 2-et...	212	C13H24O2	1000282-22-0	35
4	4-Undecene, 9-methyl-, (Z)-	168	C12H24	074630-56-1	22
5	3-Undecene, 9-methyl-, (E)-	168	C12H24	074630-54-9	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107006.D
Acq On : 30 Jun 2018 11:30
Operator : JU/SJ
Sample : J3628-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC11-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

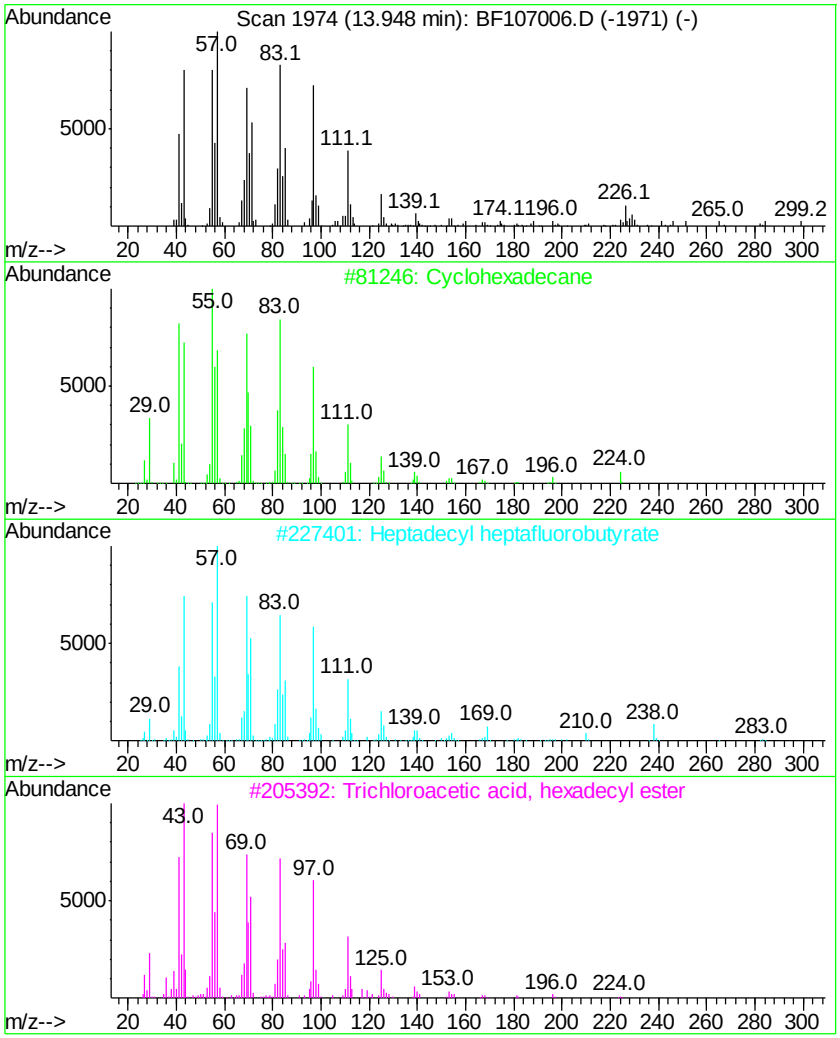
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

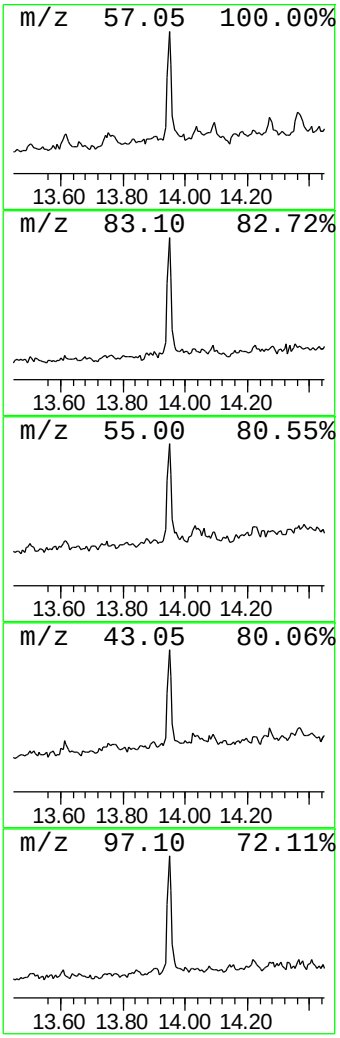
****

Peak Number 8 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.28 ng	126119	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107006.D
Acq On : 30 Jun 2018 11:30
Operator : JU/SJ
Sample : J3628-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC11-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

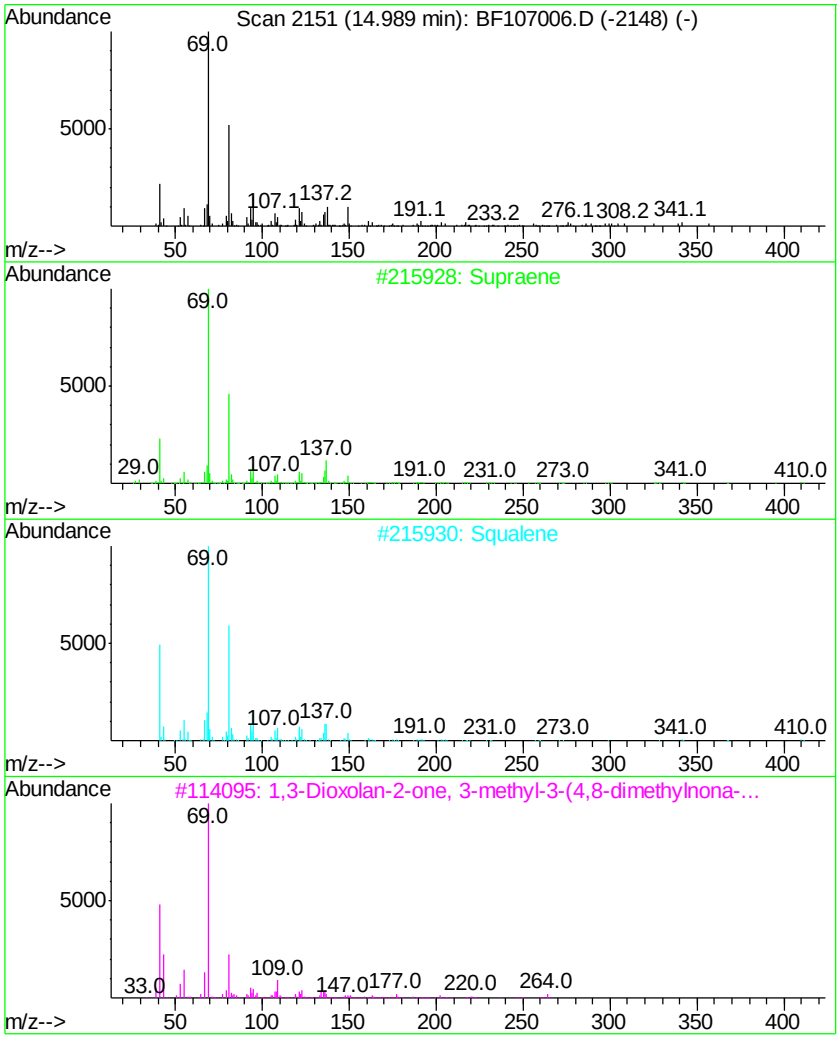
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

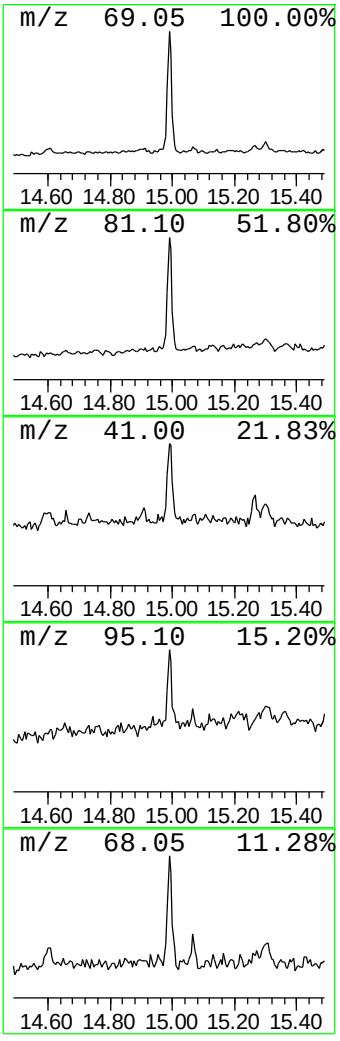
****

Peak Number 9 Supraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	6.06 ng	158550	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	64
2	Squalene	410	C30H50	000111-02-4	64
3	1,3-Dioxolan-2-one, 3-methyl-3-(...	264	C16H24O3	336879-76-6	58
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	53
5	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF063018\
Data File : BF107006.D
Acq On : 30 Jun 2018 11:30
Operator : JU/SJ
Sample : J3628-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC11-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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...	5.20	6.1	ng	127547	1	6.95	416336	20.0
unknown6.73	6.73	66.8	ng	1391130	1	6.95	416336	20.0
4-Methyleneproline	10.74	3.5	ng	83512	4	11.48	483271	20.0
n-Hexadecanoic acid	11.99	6.8	ng	163981	4	11.48	483271	20.0
unknown12.51	12.51	2.8	ng	68201	4	11.48	483271	20.0
Cyclohexadecane	13.95	4.3	ng	126119	5	14.14	589442	20.0
Supraene	14.99	6.1	ng	158550	6	15.69	523329	20.0