

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
 Data File : BM013819.D
 Acq On : 25 Jan 2018 23:11
 Operator : SJ/JU
 Sample : J1222-08DL 20X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 26 02:57:10 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 26 02:50:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	132293	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	481823	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	267543	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	603781	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	663280	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	647429	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	237	0.07	ng/uL	0.01
5) Phenol-d5	6.80	99	7572	0.75	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.95	67	7307	1.19	ng/ul	0.01
9) 2-Chlorophenol-d4	7.15	132	9098	1.10	ng/ul	0.02
13) 4-Methylphenol-d8	8.33	113	2497	0.32	ng/ul	0.02
19) Nitrobenzene-d5	8.76	128	2669	0.71	ng/ul	0.01
22) 2-Nitrophenol-d4	9.47	143	3518	0.89	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.04	165	5685	0.74	ng/ul	0.04
29) 4-Chloroaniline-d4	10.48	131	2729	0.41	ng/ul	-0.04
43) Dimethylphthalate-d6	13.67	166	29233	1.33	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	34742	1.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	262	0.07	ng/ul	0.00
57) Fluorene-d10	15.24	176	27458	1.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	1665	0.46	ng/ul	0.02
70) Anthracene-d10	17.10	188	39948	1.36	ng/ul	0.00
76) Pyrene-d10	19.40	212	47357	1.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	42534	1.43	ng/ul	0.00

Target Compounds

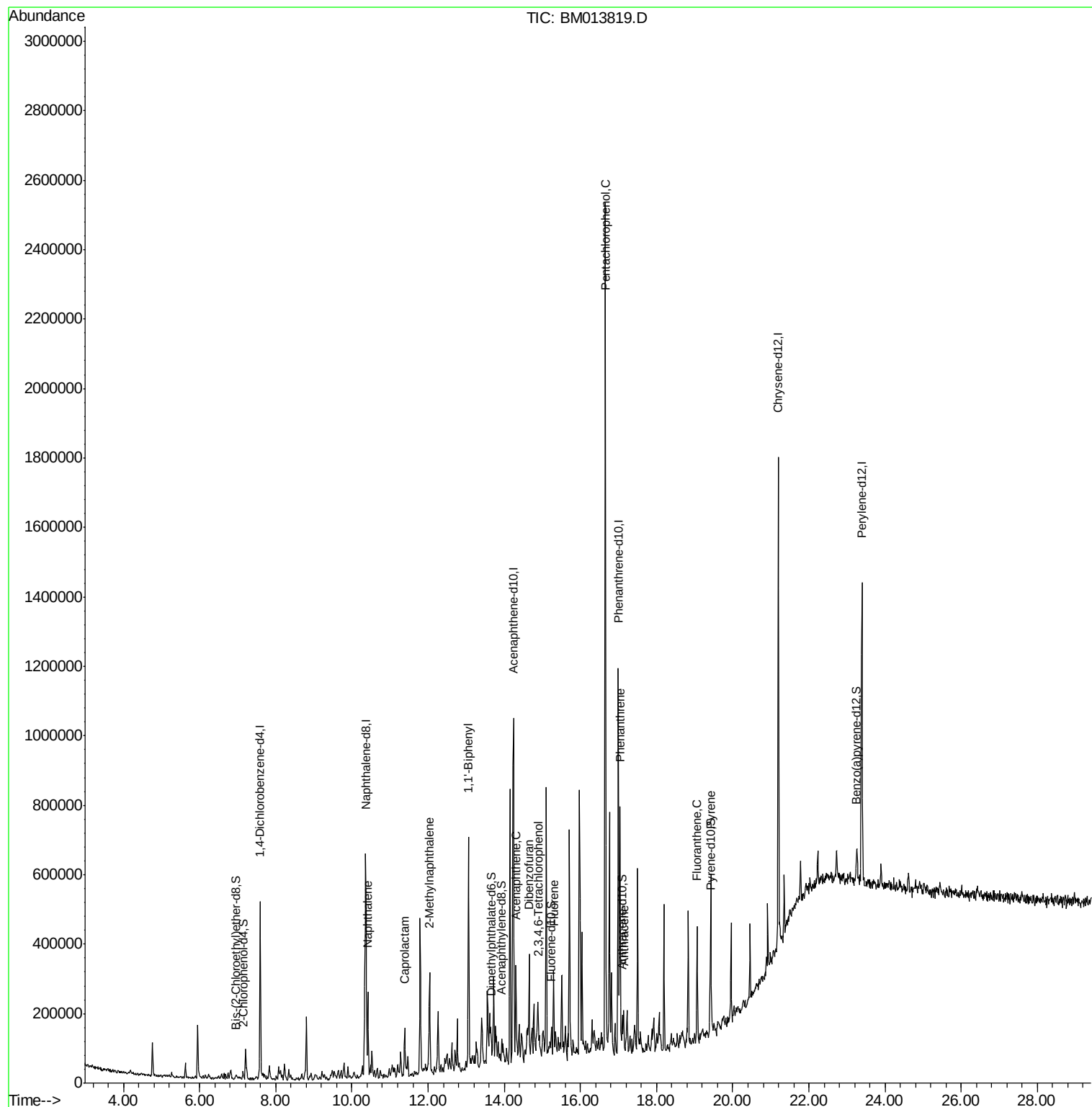
					Ovalue	
28) Naphthalene	10.42	128	178474	7.446	ng/ul	100
32) Caprolactam	11.38	113	4863	2.377	ng/ul#	73
34) 2-Methylnaphthalene	12.04	142	134071	7.502	ng/ul	97
40) 1,1'-Biphenyl	13.07	154	33501	1.504	ng/ul#	93
49) Acenaphthene	14.30	153	96964	5.442	ng/ul	94
53) Dibenzofuran	14.65	168	98147	3.661	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.89	232	29654	5.280	ng/ul#	89
58) Fluorene	15.30	166	86162	3.924	ng/ul#	97
68) Pentachlorophenol	16.65	266	393544	96.479	ng/ul	97
69) Phenanthrene	17.04	178	405461	12.081	ng/ul	98
71) Anthracene	17.13	178	60012	1.734	ng/ul	96
74) Fluoranthene	19.06	202	196110	4.895	ng/ul#	97
77) Pyrene	19.43	202	137554	3.411	ng/ul#	91

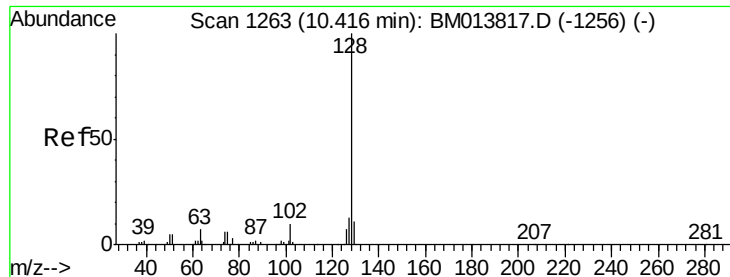
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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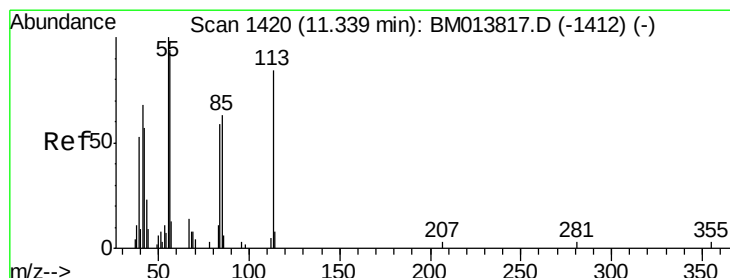
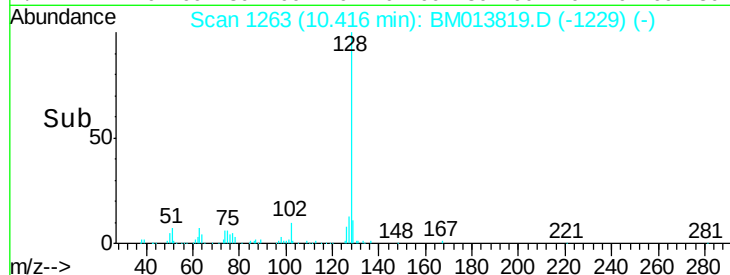
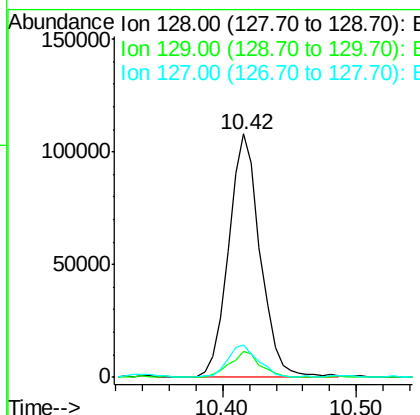
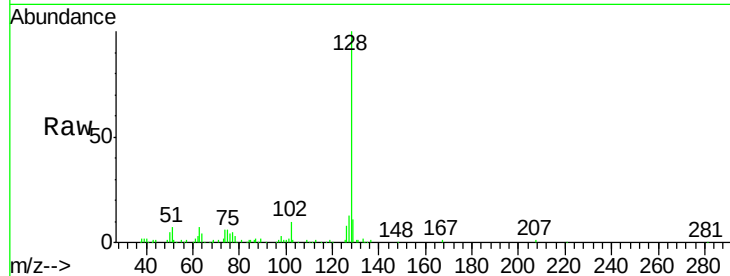




#28
Naphthalene
Concen: 7.446 ng/ul
RT: 10.42 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BM013819.D
Acq: 25 Jan 2018 23:11

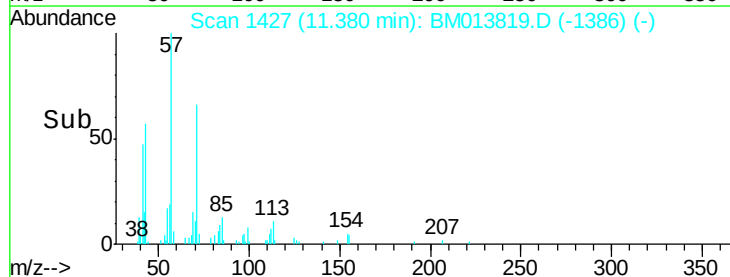
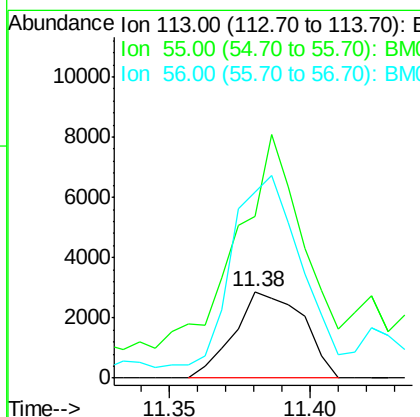
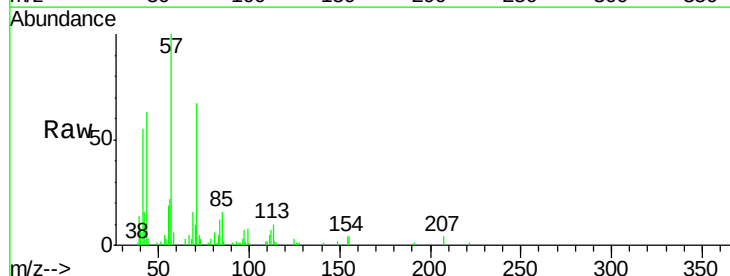
Instrument :
BNA_M
ClientSampled :

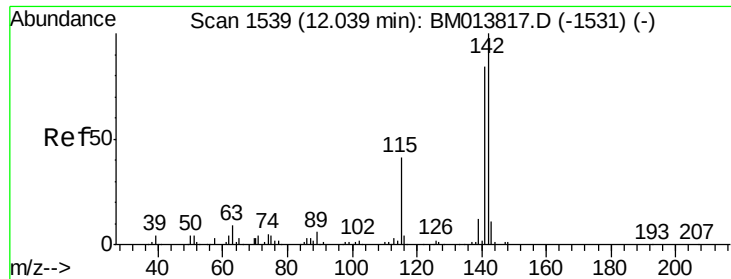
Tot Ion:128 Resp: 178474
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.1 10.6 16.0



#32
Caprolactam
Concen: 2.377 ng/ul
RT: 11.38 min Scan# 1427
Delta R.T. 0.04 min
Lab File: BM013819.D
Acq: 25 Jan 2018 23:11

Tgt Ion:113 Resp: 4863
Ion Ratio Lower Upper
113 100
55 187.1 208.0 312.0#
56 215.5 160.0 240.0

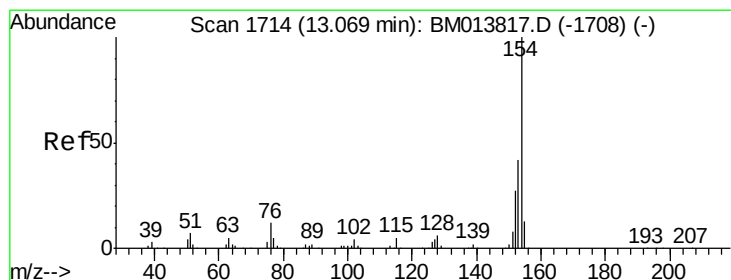
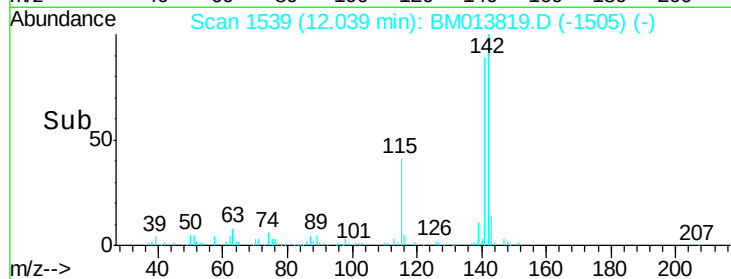
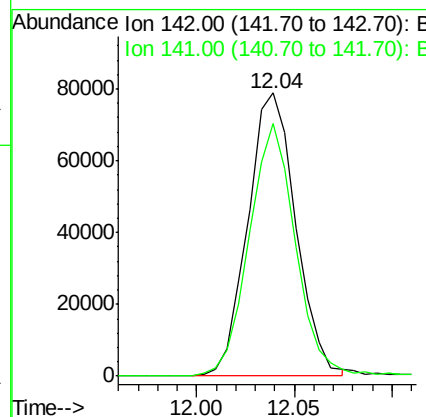
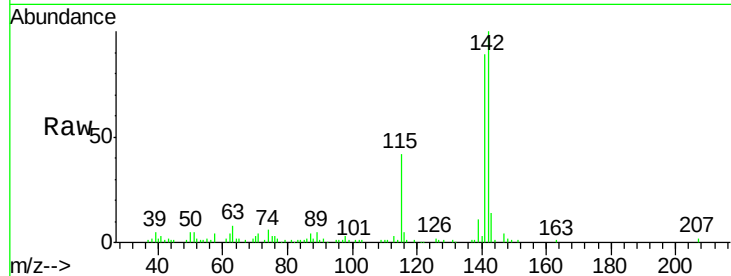




#34
 2-Methylnaphthalene
 Concen: 7.502 ng/ul
 RT: 12.04 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BM013819.D
 Acq: 25 Jan 2018 23:11

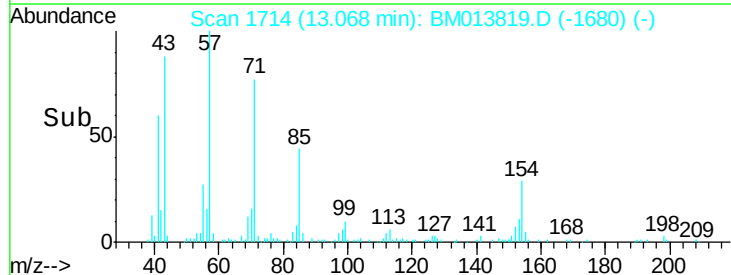
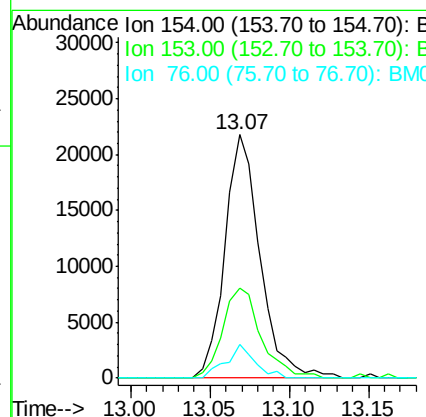
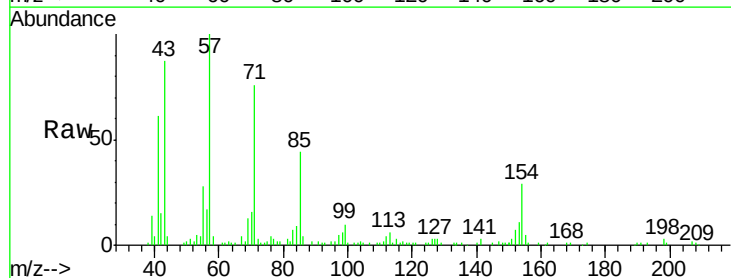
Instrument :
 BNA_M
 ClientSampled :

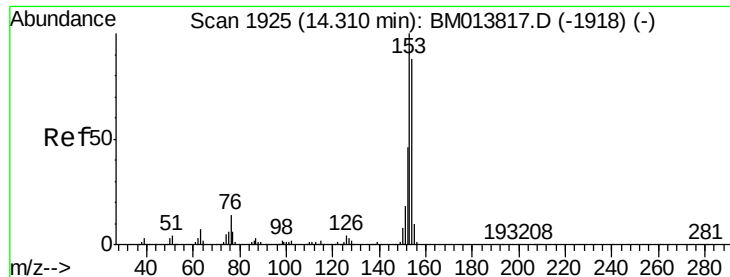
Tot Ion:142 Resp: 134071
 Ion Ratio Lower Upper
 142 100
 141 89.3 74.1 111.1



#40
 1,1'-Biphenyl
 Concen: 1.504 ng/ul
 RT: 13.07 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: BM013819.D
 Acq: 25 Jan 2018 23:11

Tgt Ion:154 Resp: 33501
 Ion Ratio Lower Upper
 154 100
 153 36.8 32.6 48.8
 76 13.8 8.5 12.7#





#49

Acenaphthene

Concen: 5.442 ng/ul

RT: 14.30 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM013819.D

Acq: 25 Jan 2018 23:11

Instrument :

BNA_M

ClientSampled :

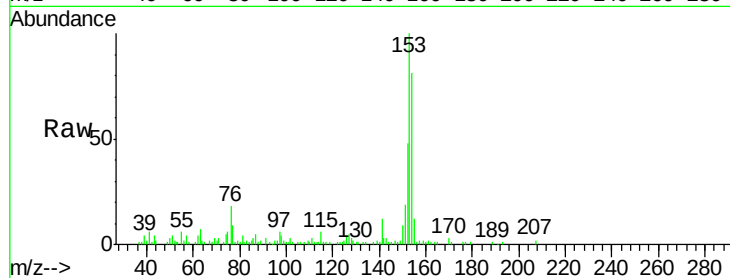
Tot Ion:153 Resp: 96964

Ion Ratio Lower Upper

153 100

152 48.3 37.6 56.4

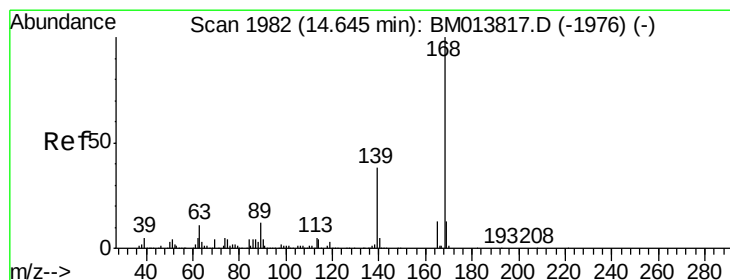
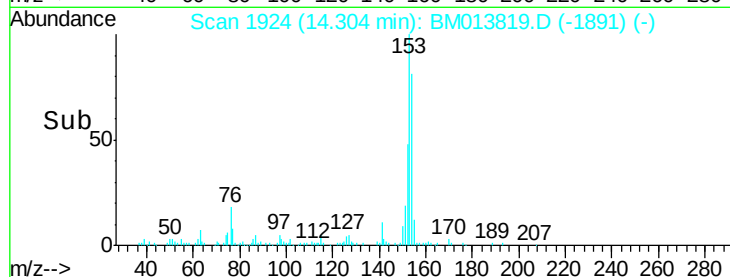
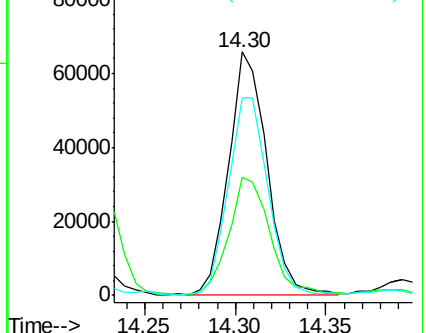
154 80.9 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 3.661 ng/ul

RT: 14.65 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BM013819.D

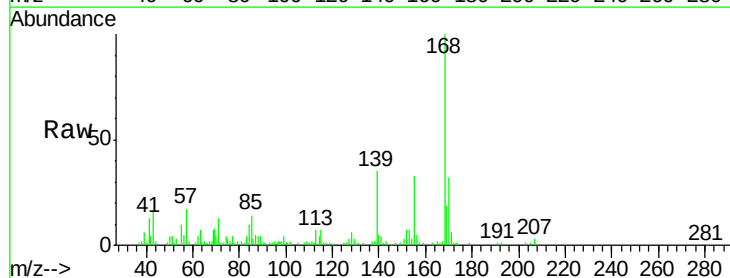
Acq: 25 Jan 2018 23:11

Tgt Ion:168 Resp: 98147

Ion Ratio Lower Upper

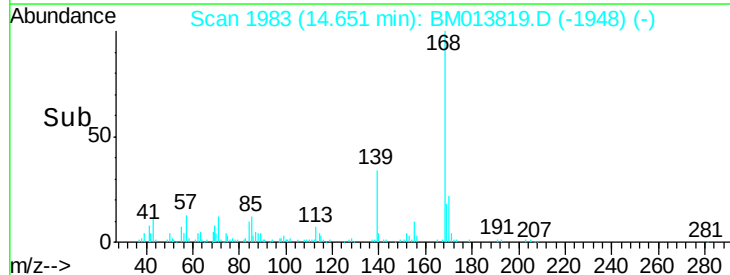
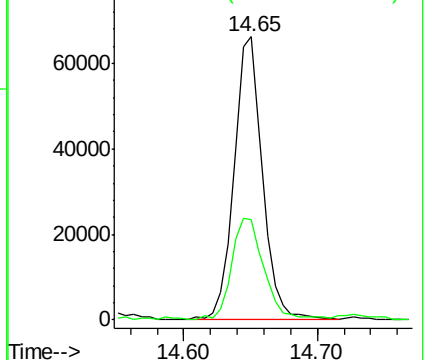
168 100

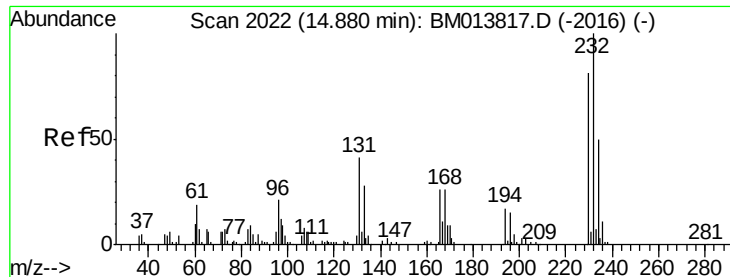
139 35.5 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#55

2,3,4,6-Tetrachlorophenol

Concen: 5.280 ng/ul

RT: 14.89 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BM013819.D

Acq: 25 Jan 2018 23:11

Instrument :

BNA_M

ClientSampled :

Tot Ion:232 Resp: 29654

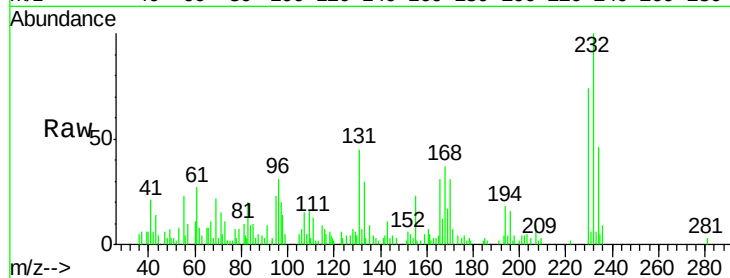
Ion Ratio Lower Upper

232 100

131 44.8 29.0 43.4#

130 4.0 2.0 3.0#

166 30.5 21.4 32.2

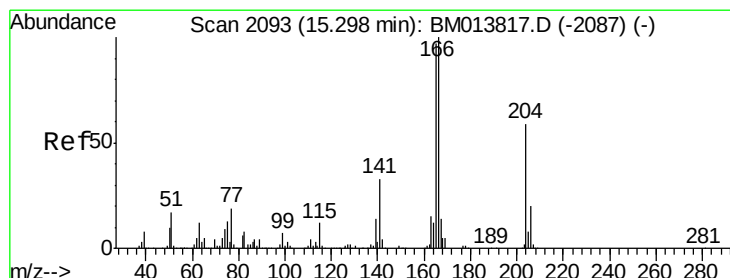
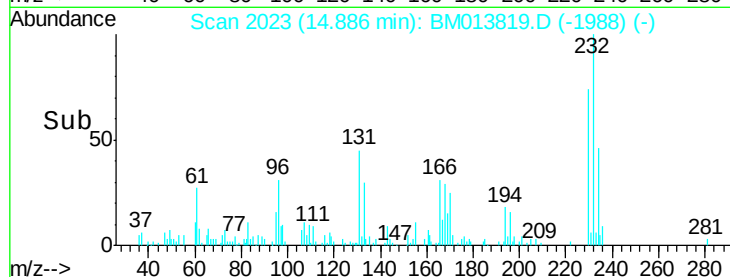
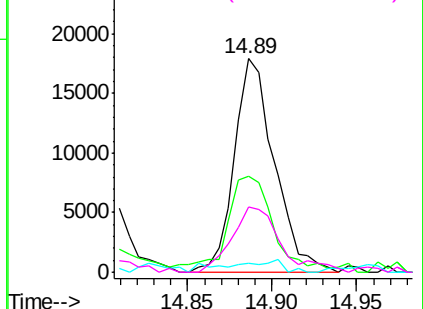


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#58

Fluorene

Concen: 3.924 ng/ul

RT: 15.30 min Scan# 2093

Delta R.T. -0.00 min

Lab File: BM013819.D

Acq: 25 Jan 2018 23:11

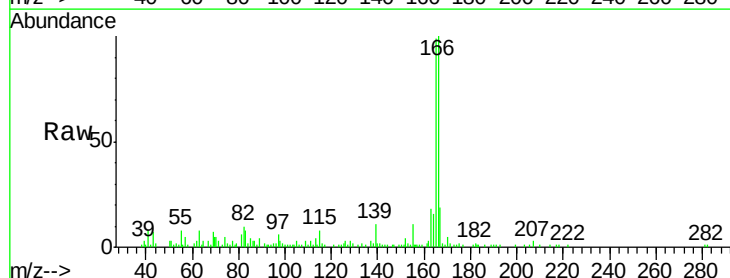
Tgt Ion:166 Resp: 86162

Ion Ratio Lower Upper

166 100

165 99.0 77.9 116.9

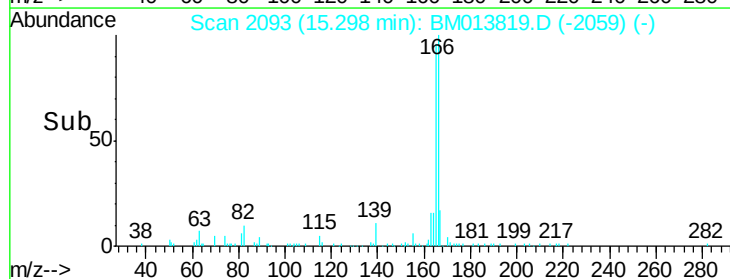
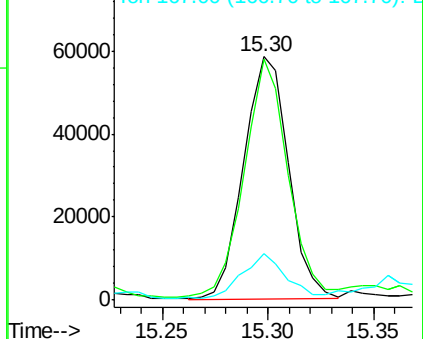
167 19.2 10.6 16.0#

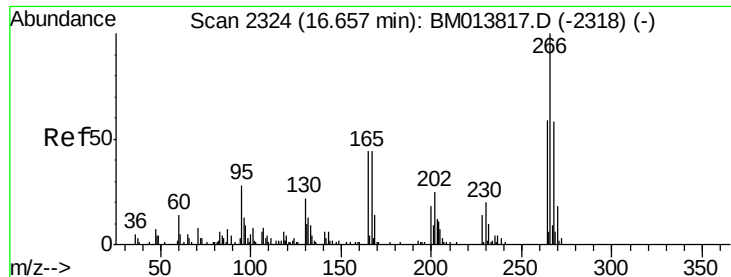


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

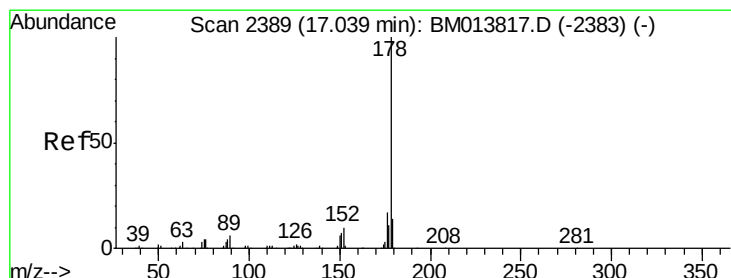
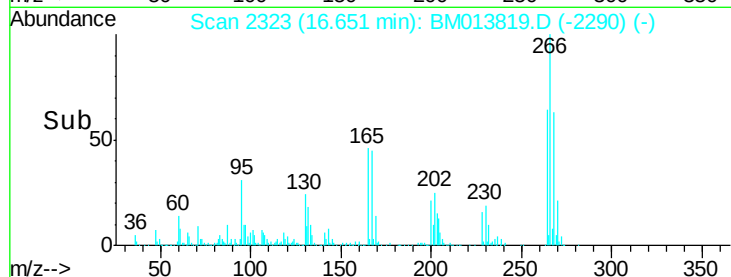
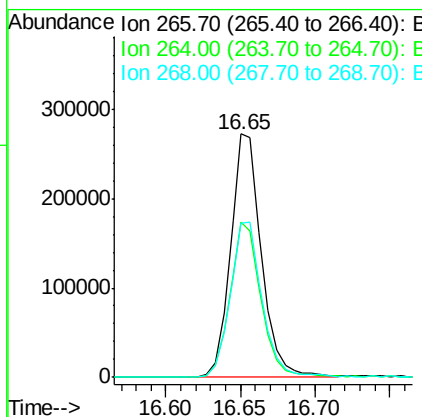
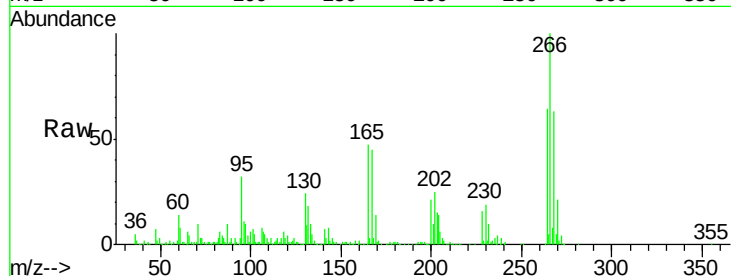




#68
 Pentachlorophenol
 Concen: 96.479 ng/ul
 RT: 16.65 min Scan# 2323
 Delta R.T. -0.01 min
 Lab File: BM013819.D
 Acq: 25 Jan 2018 23:11

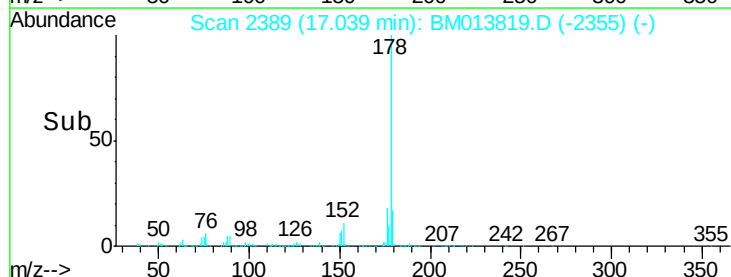
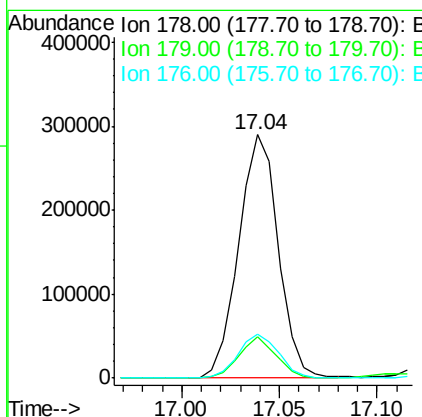
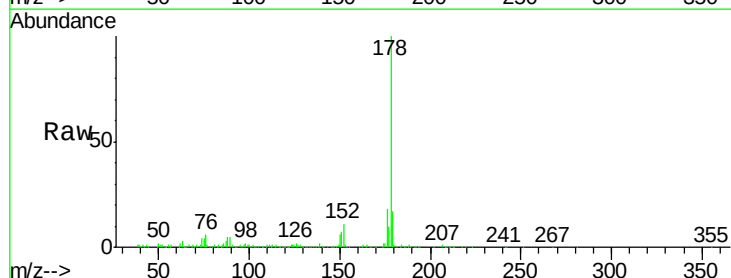
Instrument :
 BNA_M
 ClientSampleId :

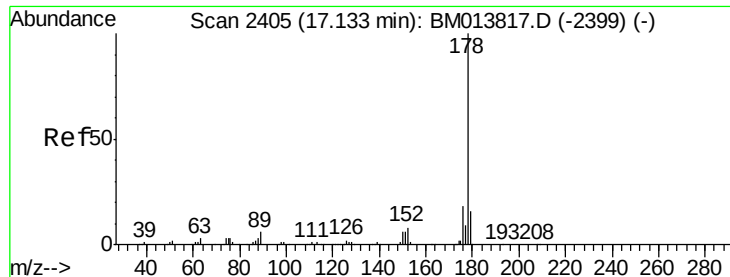
Tot Ion	Ratio	Lower	Upper
266	100		
264	63.7	49.3	73.9
268	63.1	52.6	78.8



#69
 Phenanthrene
 Concen: 12.081 ng/ul
 RT: 17.04 min Scan# 2389
 Delta R.T. -0.00 min
 Lab File: BM013819.D
 Acq: 25 Jan 2018 23:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.6	19.0
176	18.3	14.9	22.3

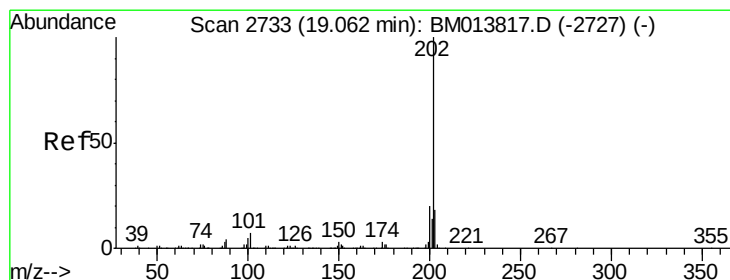
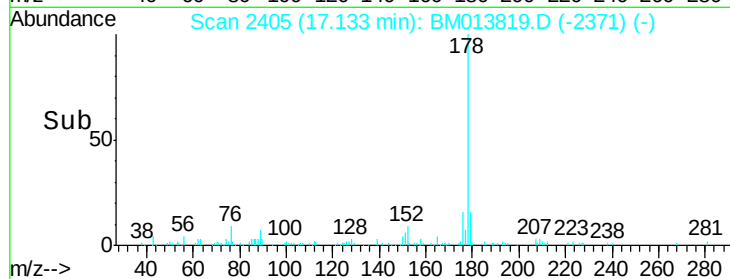
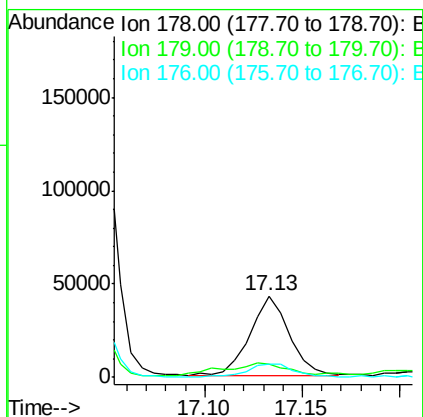
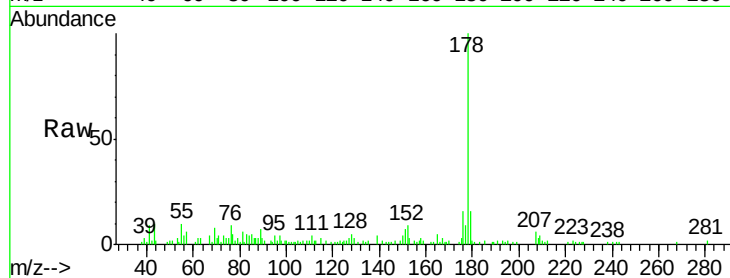




#71
 Anthracene
 Concen: 1.734 ng/ul
 RT: 17.13 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BM013819.D
 Acq: 25 Jan 2018 23:11

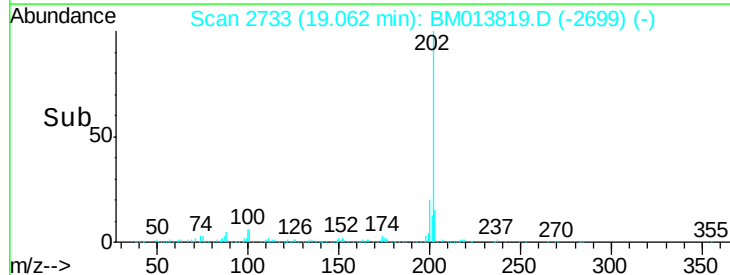
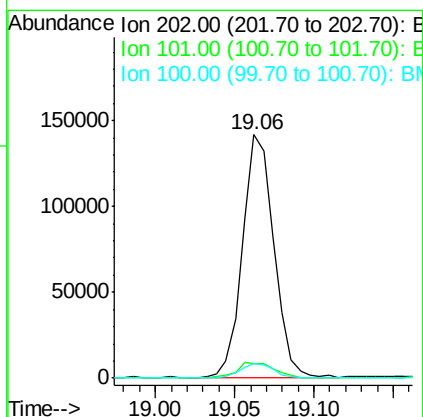
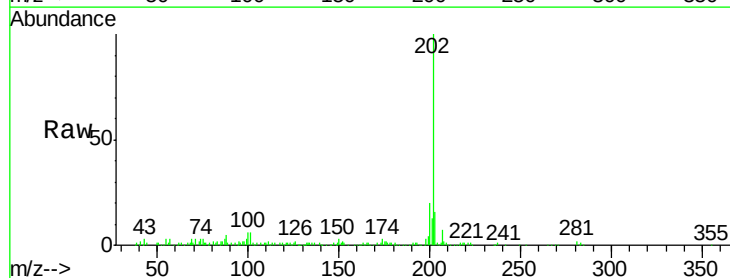
Instrument :
 BNA_M
 ClientSampleId :

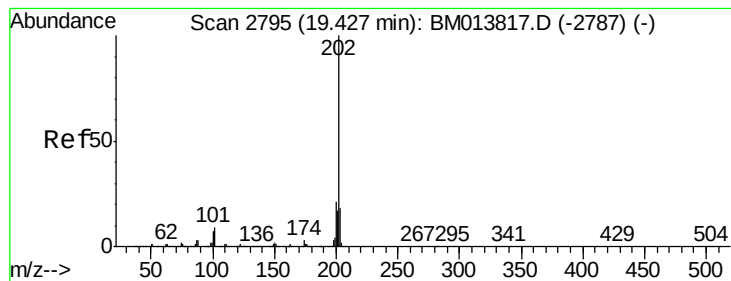
Tot Ion:178 Resp: 60012
 Ion Ratio Lower Upper
 178 100
 179 15.6 11.7 17.5
 176 15.8 14.6 21.8



#74
 Fluoranthene
 Concen: 4.895 ng/ul
 RT: 19.06 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: BM013819.D
 Acq: 25 Jan 2018 23:11

Tgt Ion:202 Resp: 196110
 Ion Ratio Lower Upper
 202 100
 101 6.1 4.6 7.0
 100 6.0 3.4 5.2#





#77

Pvrene

Concen: 3.411 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. -0.00 min

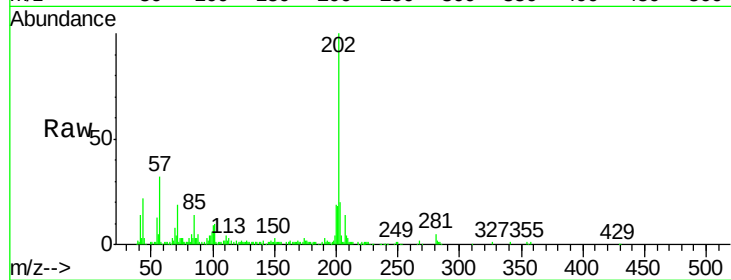
Lab File: BM013819.D

Acq: 25 Jan 2018 23:11

Instrument :

BNA_M

ClientSampleId :



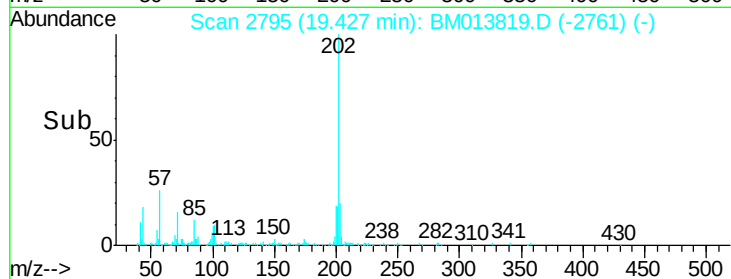
Tot Ion: 202 Resp: 137554

Ion Ratio Lower Upper

202 100

101 9.6 5.1 7.7#

100 9.2 4.9 7.3#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

