

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
 Data File : BM013829.D
 Acq On : 26 Jan 2018 05:06
 Operator : SJ/JU
 Sample : J1233-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 26 07:25:22 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	143474	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	522817	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	292799	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	658966	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	776224	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	745335	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	19044	5.25	ng/uL	0.00
5) Phenol-d5	6.77	99	376581	34.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	228113	34.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	317238	35.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	317947	37.55	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	158552	39.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	177053	41.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	320972	38.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	5396	0.75	ng/ul	0.06
43) Dimethylphthalate-d6	13.66	166	962891	39.90	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1190437	38.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	127347	32.47	ng/ul	0.00
57) Fluorene-d10	15.24	176	816673	38.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	141153	35.59	ng/ul	0.00
70) Anthracene-d10	17.09	188	1264459	39.40	ng/ul	0.00
76) Pyrene-d10	19.40	212	1493385	41.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.25	264	1458652	42.58	ng/ul	0.00

Target Compounds

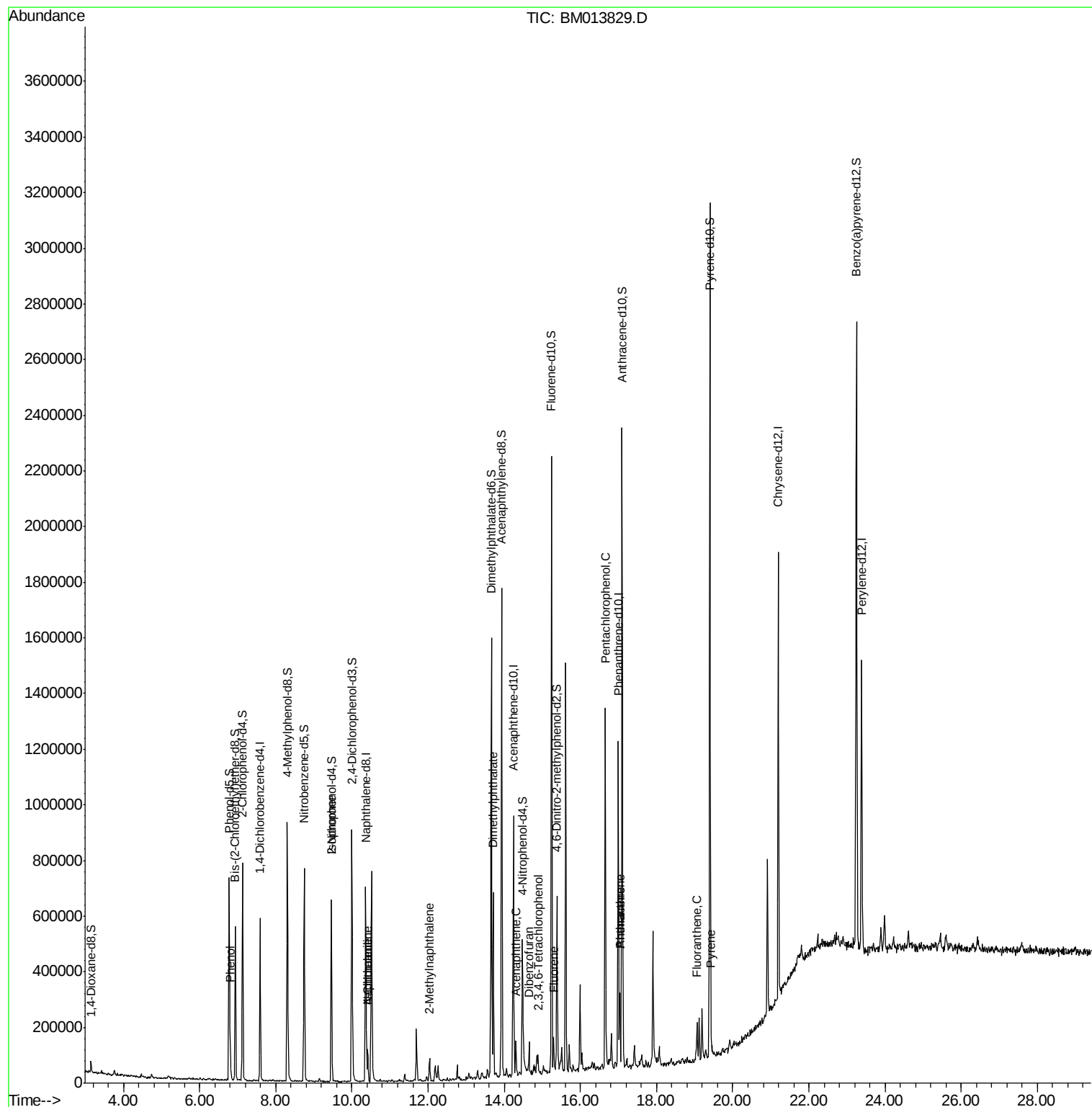
					Ovalue	
6) Phenol	6.80	94	44025	3.985	ng/ul	93
21) Isophorone	9.46	82	21047	1.243	ng/ul#	76
28) Naphthalene	10.41	128	89456	3.439	ng/ul	97
30) 4-Chloroaniline	10.41	127	12950	1.818	ng/ul#	47
34) 2-Methylnaphthalene	12.04	142	38614	1.991	ng/ul	94
44) Dimethylphthalate	13.71	163	389160	16.402	ng/ul	99
49) Acenaphthene	14.30	153	44032	2.258	ng/ul	95
53) Dibenzofuran	14.65	168	47720	1.627	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.89	232	8537	1.389	ng/ul#	83
58) Fluorene	15.30	166	47969	1.996	ng/ul	99
68) Pentachlorophenol	16.65	266	211994	47.619	ng/ul	98
69) Phenanthrene	17.04	178	150648	4.113	ng/ul	98
71) Anthracene	17.04	178	150648	3.987	ng/ul	97
74) Fluoranthene	19.06	202	70598	1.615	ng/ul#	94
77) Pyrene	19.43	202	52401	1.110	ng/ul#	96

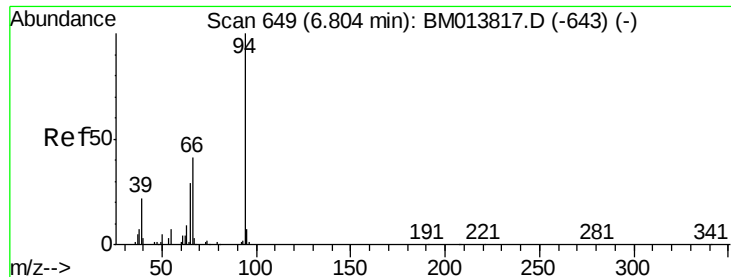
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
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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





#6

Phenol

Concen: 3.985 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM013829.D

Acq: 26 Jan 2018 05:06

Instrument :

BNA_M

ClientSampleId :

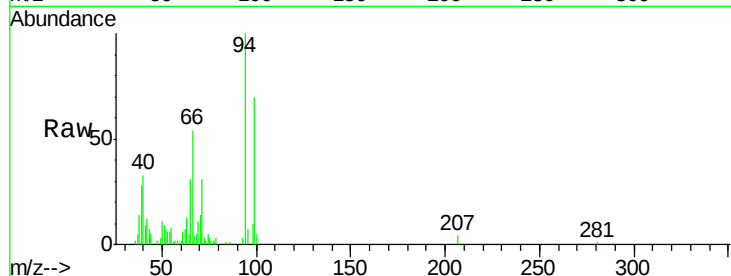
Tot Ion: 94 Resp: 44025

Ion Ratio Lower Upper

94 100

65 31.4 28.2 42.4

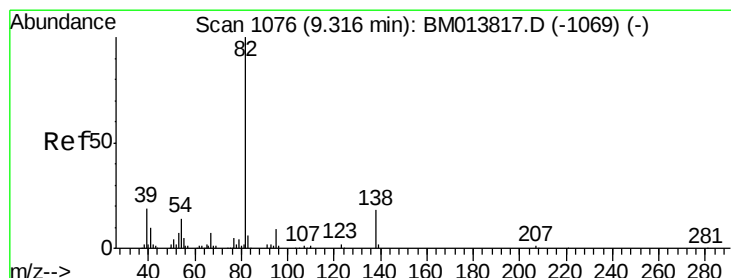
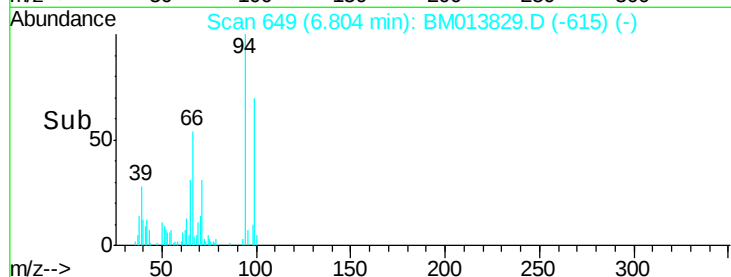
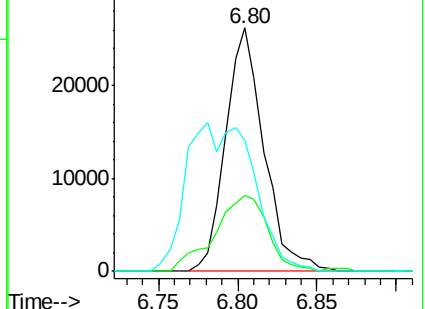
66 53.7 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM013817.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM013817.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM013817.D (-643) (-)



#21

Isophorone

Concen: 1.243 ng/ul

RT: 9.46 min Scan# 1101

Delta R.T. 0.15 min

Lab File: BM013829.D

Acq: 26 Jan 2018 05:06

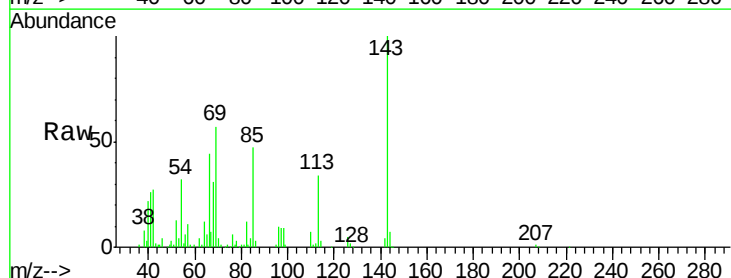
Tgt Ion: 82 Resp: 21047

Ion Ratio Lower Upper

82 100

95 7.9 7.8 11.8

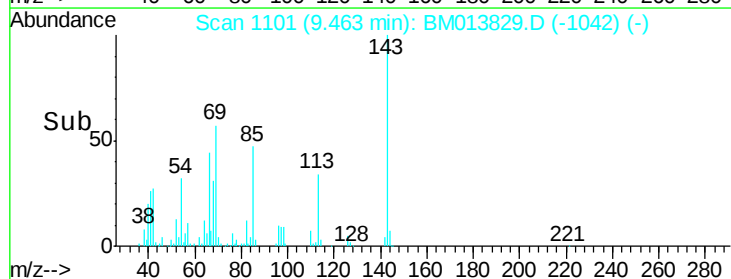
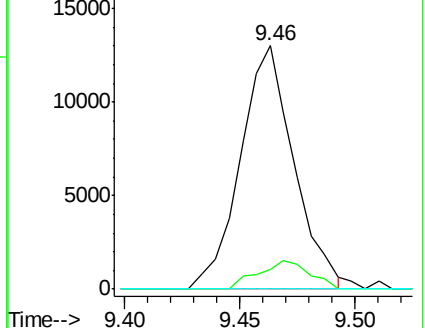
138 0.0 11.9 17.9#

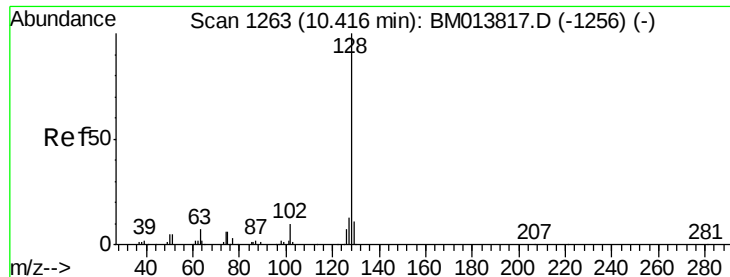


Abundance Ion 82.00 (81.70 to 82.70): BM013817.D (-1069) (-)

Ion 95.00 (94.70 to 95.70): BM013817.D (-1069) (-)

Ion 138.00 (137.70 to 138.70): BM013817.D (-1069) (-)

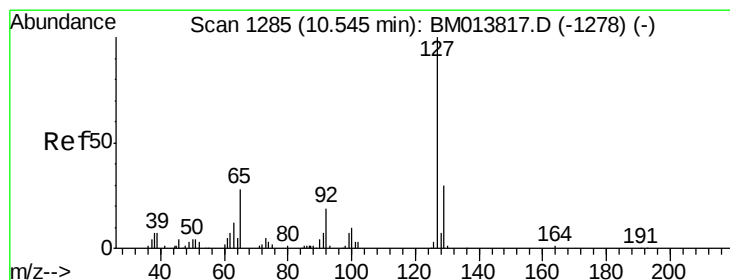
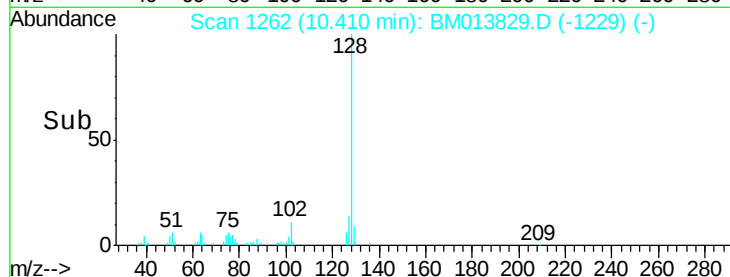
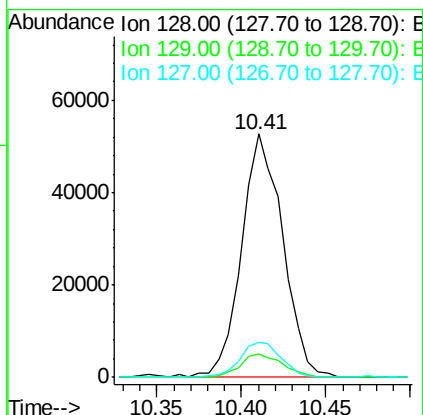
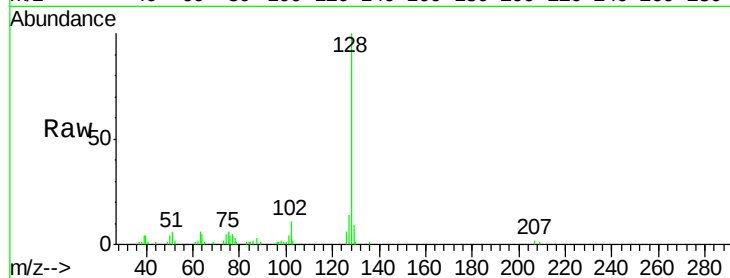




#28
Naphthalene
Concen: 3.439 ng/ul
RT: 10.41 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM013829.D
Acq: 26 Jan 2018 05:06

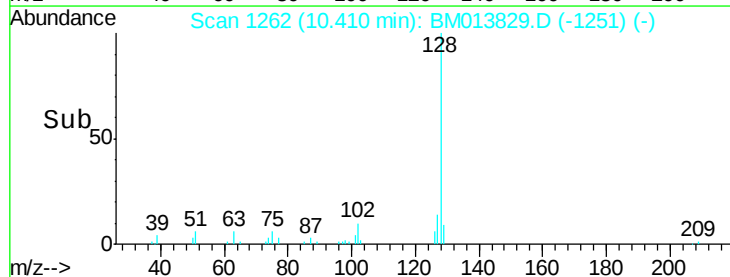
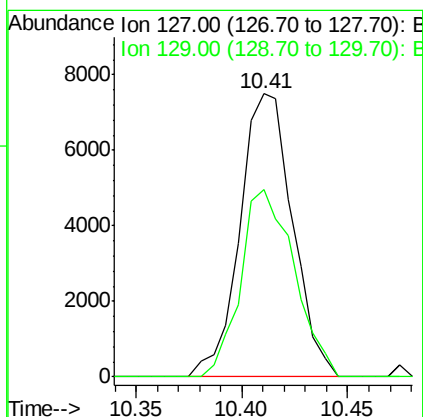
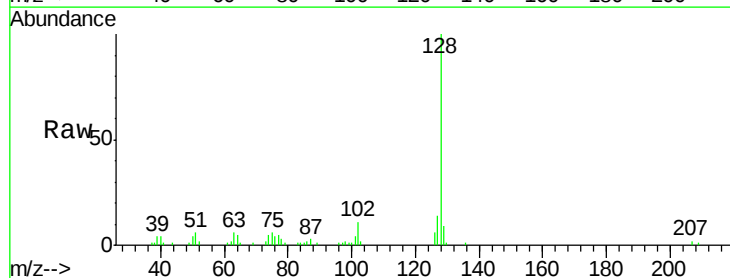
Instrument :
BNA_M
ClientSampleId :

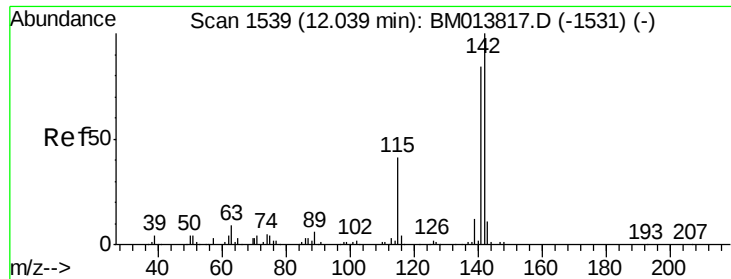
Tot Ion:128 Resp: 89456
Ion Ratio Lower Upper
128 100
129 9.4 8.8 13.2
127 14.2 10.6 16.0



#30
4-Chloroaniline
Concen: 1.818 ng/ul
RT: 10.41 min Scan# 1262
Delta R.T. -0.14 min
Lab File: BM013829.D
Acq: 26 Jan 2018 05:06

Tgt Ion:127 Resp: 12950
Ion Ratio Lower Upper
127 100
129 66.4 28.4 42.6#

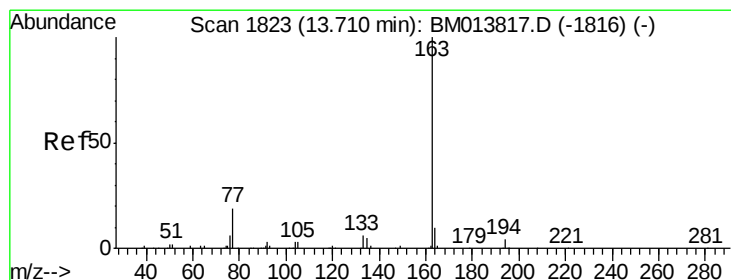
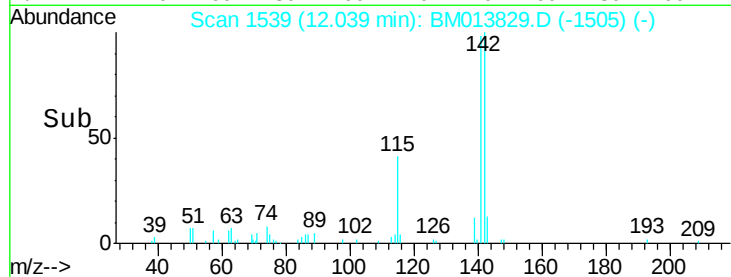
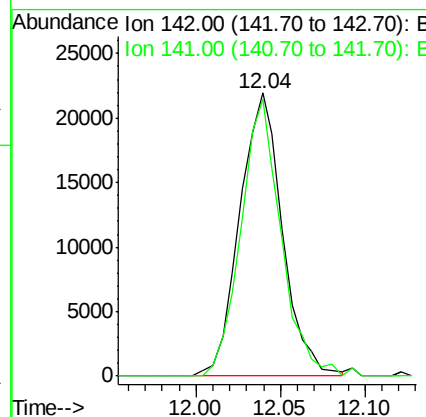
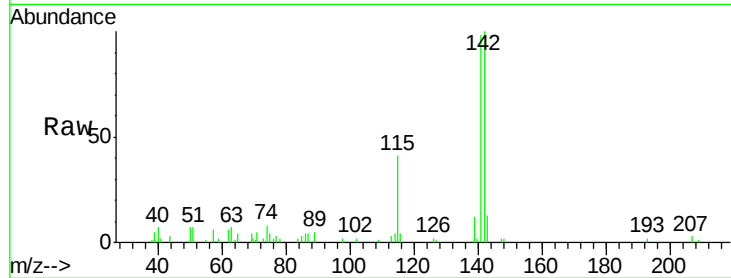




#34
2-Methylnaphthalene
Concen: 1.991 ng/ul
RT: 12.04 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BM013829.D
Acq: 26 Jan 2018 05:06

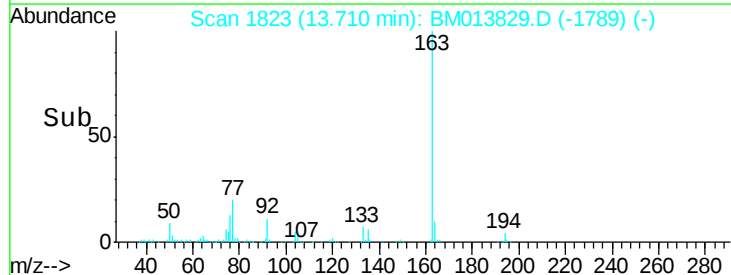
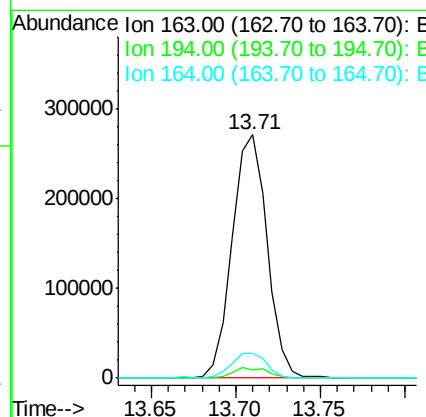
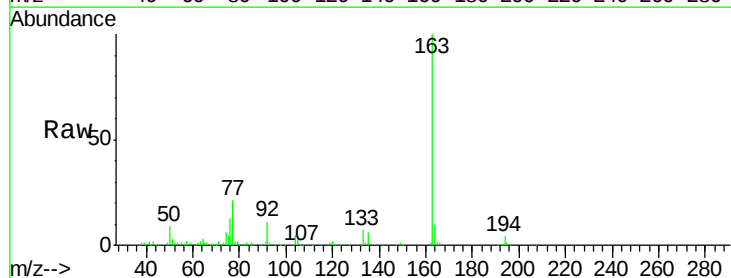
Instrument :
BNA_M
ClientSampleId :

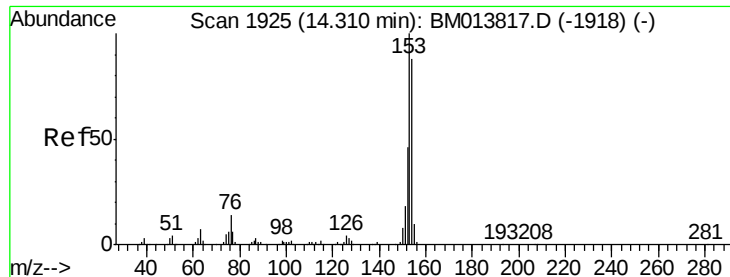
Tot Ion:142 Resp: 38614
Ion Ratio Lower Upper
142 100
141 97.9 74.1 111.1



#44
Dimethylphthalate
Concen: 16.402 ng/ul
RT: 13.71 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BM013829.D
Acq: 26 Jan 2018 05:06

Tgt Ion:163 Resp: 389160
Ion Ratio Lower Upper
163 100
194 3.5 3.5 5.3
164 10.4 8.2 12.4





#49

Acenaphthene

Concen: 2.258 ng/ul

RT: 14.30 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM013829.D

Acq: 26 Jan 2018 05:06

Instrument :

BNA_M

ClientSampleId :

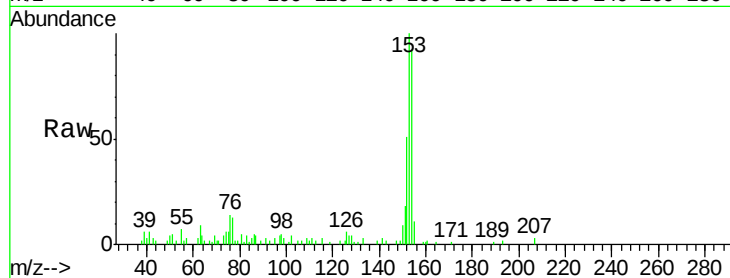
Tot Ion:153 Resp: 44032

Ion Ratio Lower Upper

153 100

152 51.4 37.6 56.4

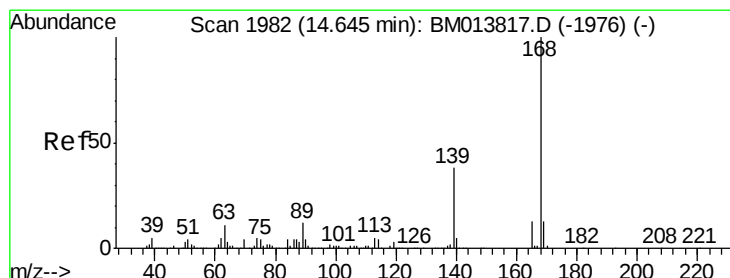
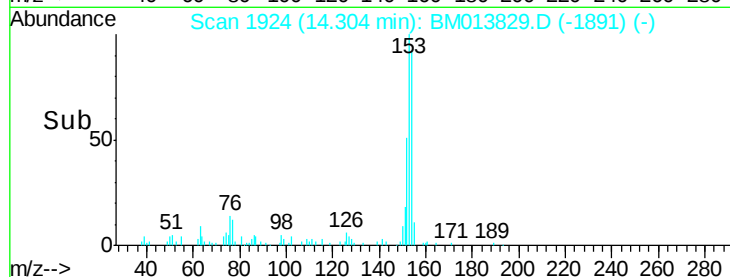
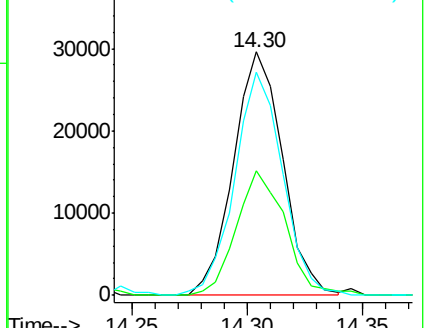
154 91.6 70.4 105.6



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: 1.627 ng/ul

RT: 14.65 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BM013829.D

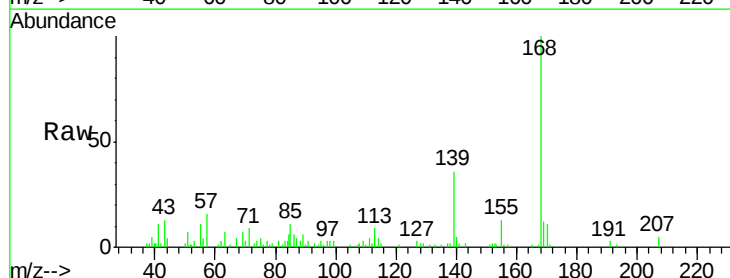
Acq: 26 Jan 2018 05:06

Tgt Ion:168 Resp: 47720

Ion Ratio Lower Upper

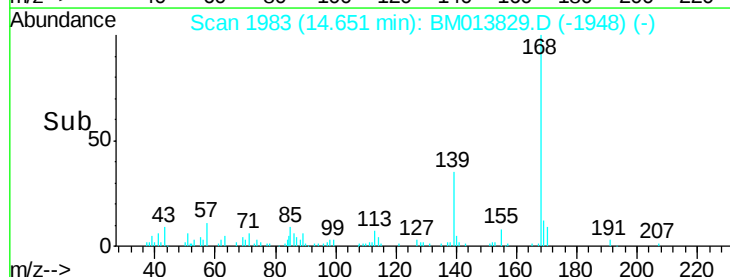
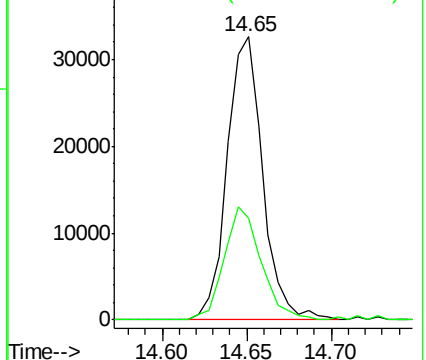
168 100

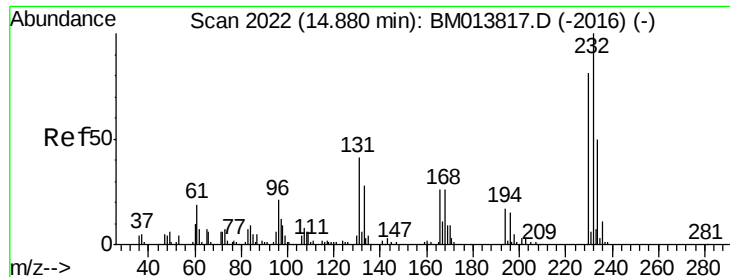
139 36.0 30.8 46.2



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: 1.389 ng/ul

RT: 14.89 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BM013829.D

Acq: 26 Jan 2018 05:06

Instrument :

BNA_M

ClientSampleId :

Tot Ion:232 Resp: 8537

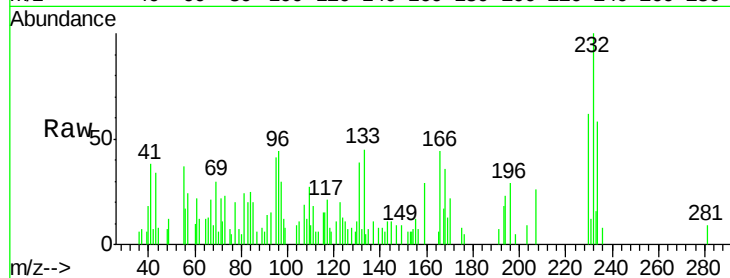
Ion Ratio Lower Upper

232 100

131 39.2 29.0 43.4

130 11.1 2.0 3.0#

166 43.7 21.4 32.2#



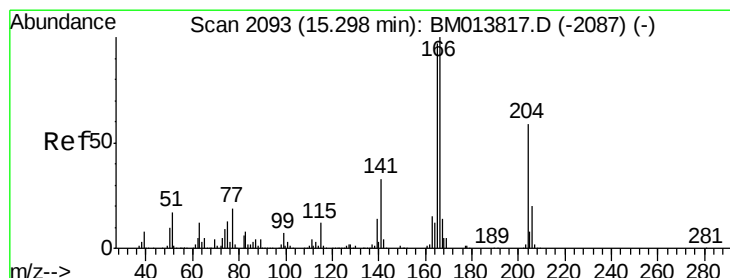
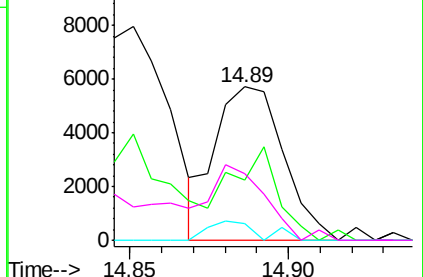
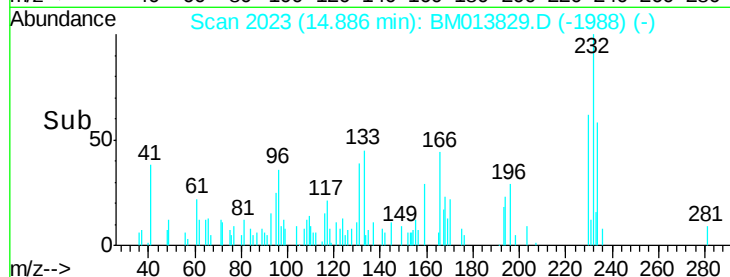
Abundance Ion 232.00 (231.70 to 232.70): E

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

Time-->



#58

Fluorene

Concen: 1.996 ng/ul

RT: 15.30 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BM013829.D

Acq: 26 Jan 2018 05:06

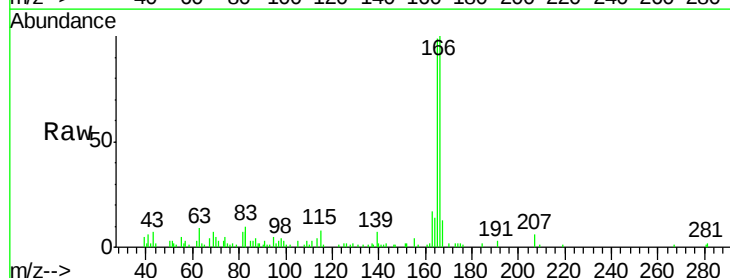
Tgt Ion:166 Resp: 47969

Ion Ratio Lower Upper

166 100

165 98.9 77.9 116.9

167 13.3 10.6 16.0

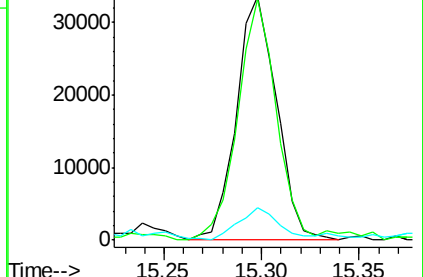
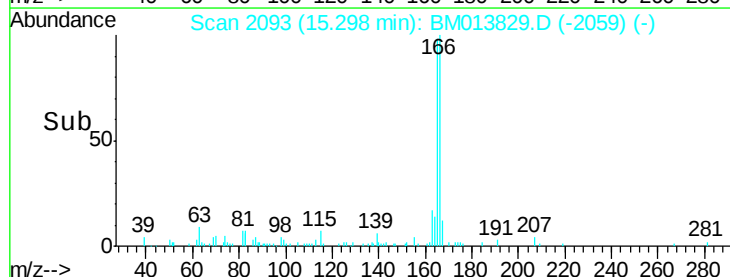


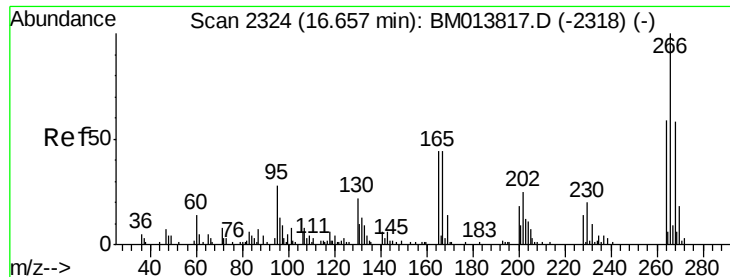
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->

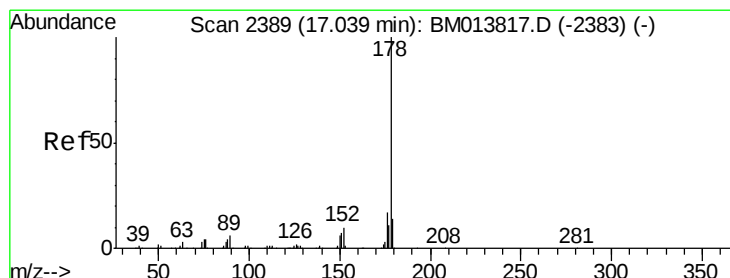
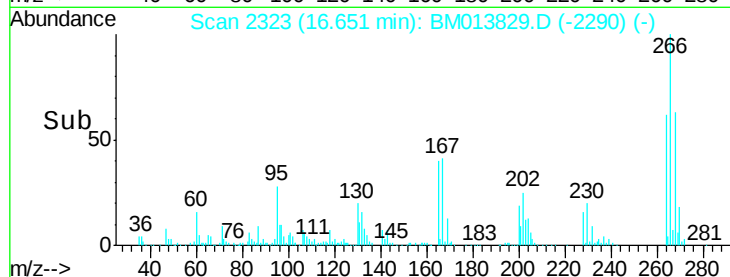
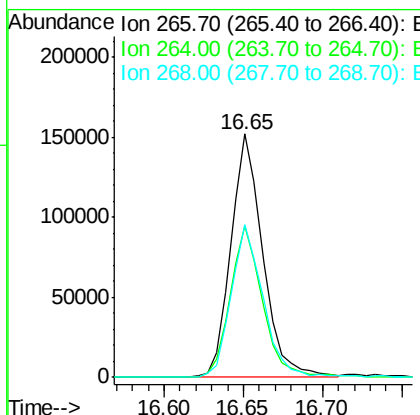
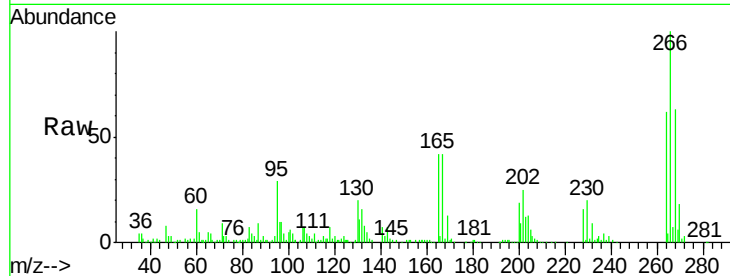




#68
 Pentachlorophenol
 Concen: 47.619 ng/ul
 RT: 16.65 min Scan# 2323
 Delta R.T. -0.01 min
 Lab File: BM013829.D
 Acq: 26 Jan 2018 05:06

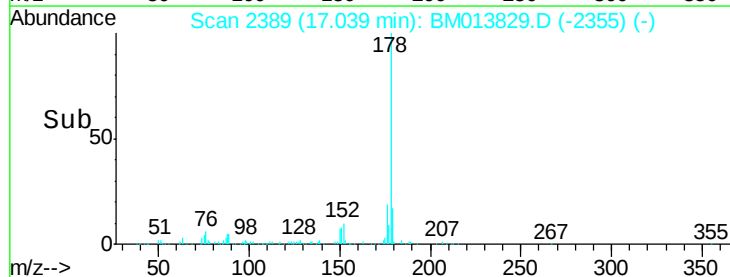
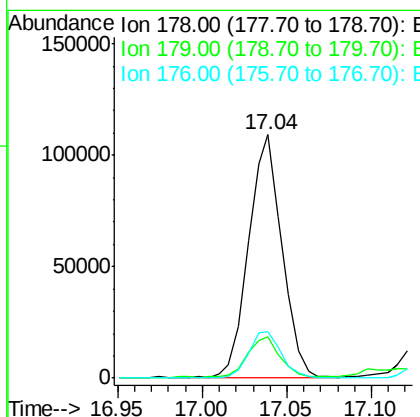
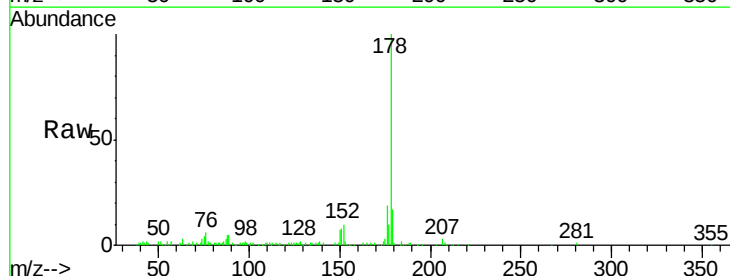
Instrument :
 BNA_M
 ClientSampleId :

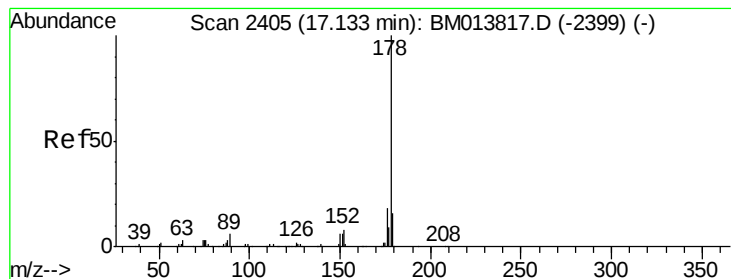
Tot Ion:266 Resp: 211994
 Ion Ratio Lower Upper
 266 100
 264 62.2 49.3 73.9
 268 62.9 52.6 78.8



#69
 Phenanthrene
 Concen: 4.113 ng/ul
 RT: 17.04 min Scan# 2389
 Delta R.T. 0.00 min
 Lab File: BM013829.D
 Acq: 26 Jan 2018 05:06

Tgt Ion:178 Resp: 150648
 Ion Ratio Lower Upper
 178 100
 179 16.8 12.6 19.0
 176 19.1 14.9 22.3





#71

Anthracene

Concen: 3.987 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.09 min

Lab File: BM013829.D

Acq: 26 Jan 2018 05:06

Instrument :

BNA_M

ClientSampled :

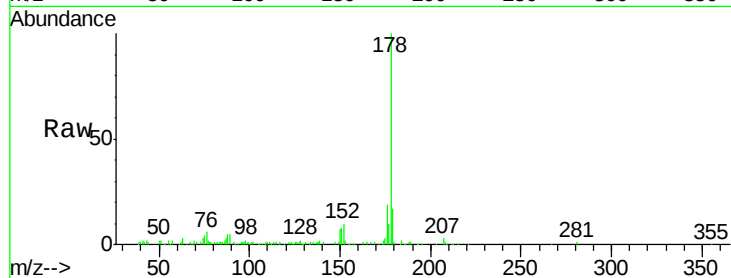
Tot Ion:178 Resp: 150648

Ion Ratio Lower Upper

178 100

179 16.8 11.7 17.5

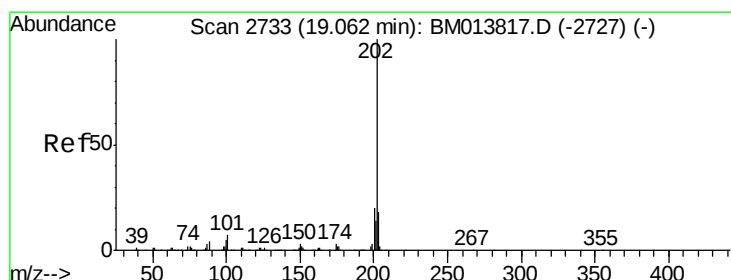
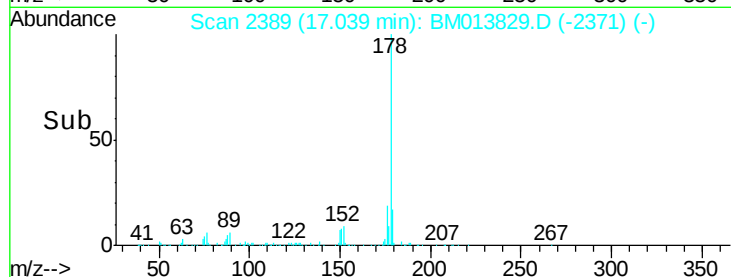
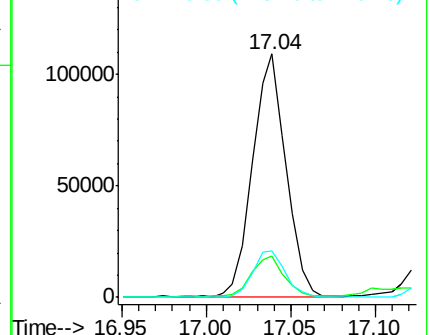
176 19.1 14.6 21.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 1.615 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. 0.00 min

Lab File: BM013829.D

Acq: 26 Jan 2018 05:06

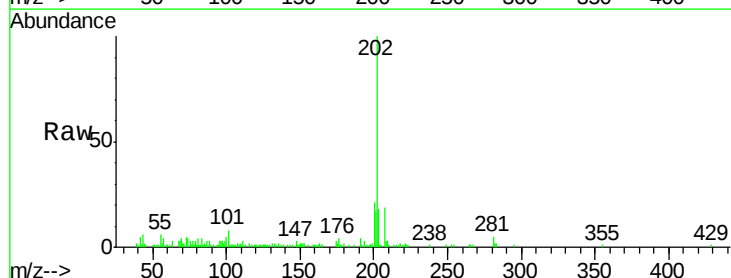
Tgt Ion:202 Resp: 70598

Ion Ratio Lower Upper

202 100

101 8.4 4.6 7.0#

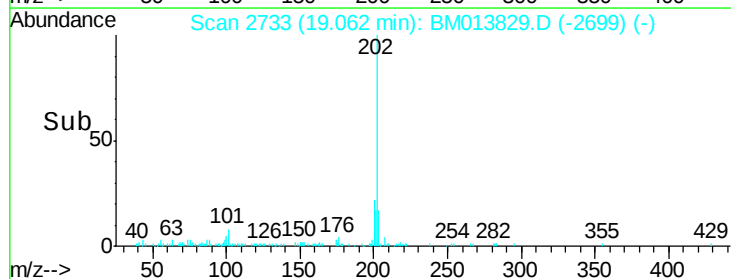
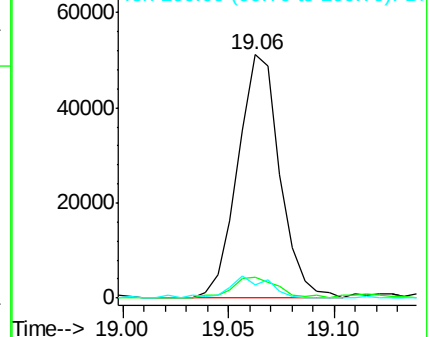
100 5.3 3.4 5.2#

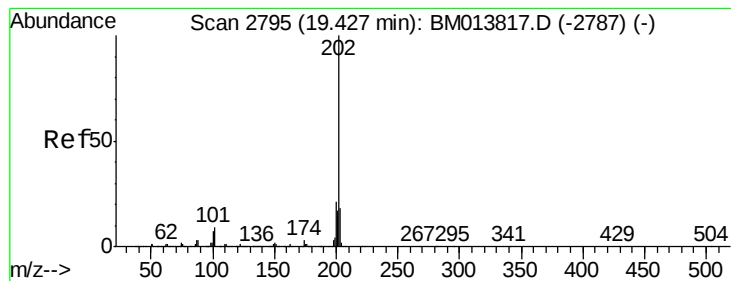


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 1.110 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. 0.00 min

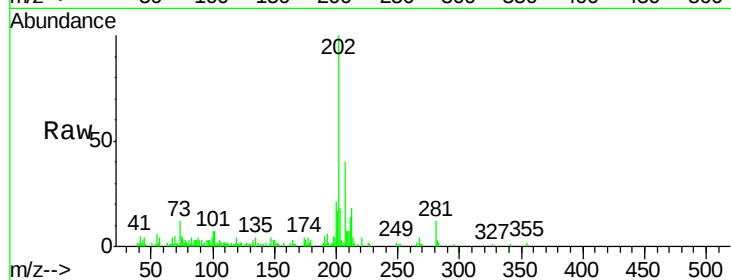
Lab File: BM013829.D

Acq: 26 Jan 2018 05:06

Instrument :

BNA_M

ClientSampleId :



Tot Ion:	202	Resp:	52401
Ion	Ratio	Lower	Upper
202	100		
101	8.3	5.1	7.7#
100	6.8	4.9	7.3

