

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022329.D
 Acq On : 26 Aug 2019 14:06
 Operator : HP/JU
 Sample : K4373-18DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 27 11:00:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 10:56:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	36498	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	172370	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.20	164	127009	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	295759	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	284623	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	261008	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.75	99	3989	1.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	9282	5.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	11021	4.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	7088	2.60	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	6149	4.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	7199	4.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	15130	4.97	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.63	166	58751	5.25	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	62255	5.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	604	0.36	ng/ul	0.06
57) Fluorene-d10	15.20	176	51503	5.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	6939	3.04	ng/ul	0.00
70) Anthracene-d10	17.07	188	84961	5.42	ng/ul	0.00
78) Pyrene-d10	19.37	212	103127	6.97	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	76532	5.34	ng/ul	0.00

Target Compounds

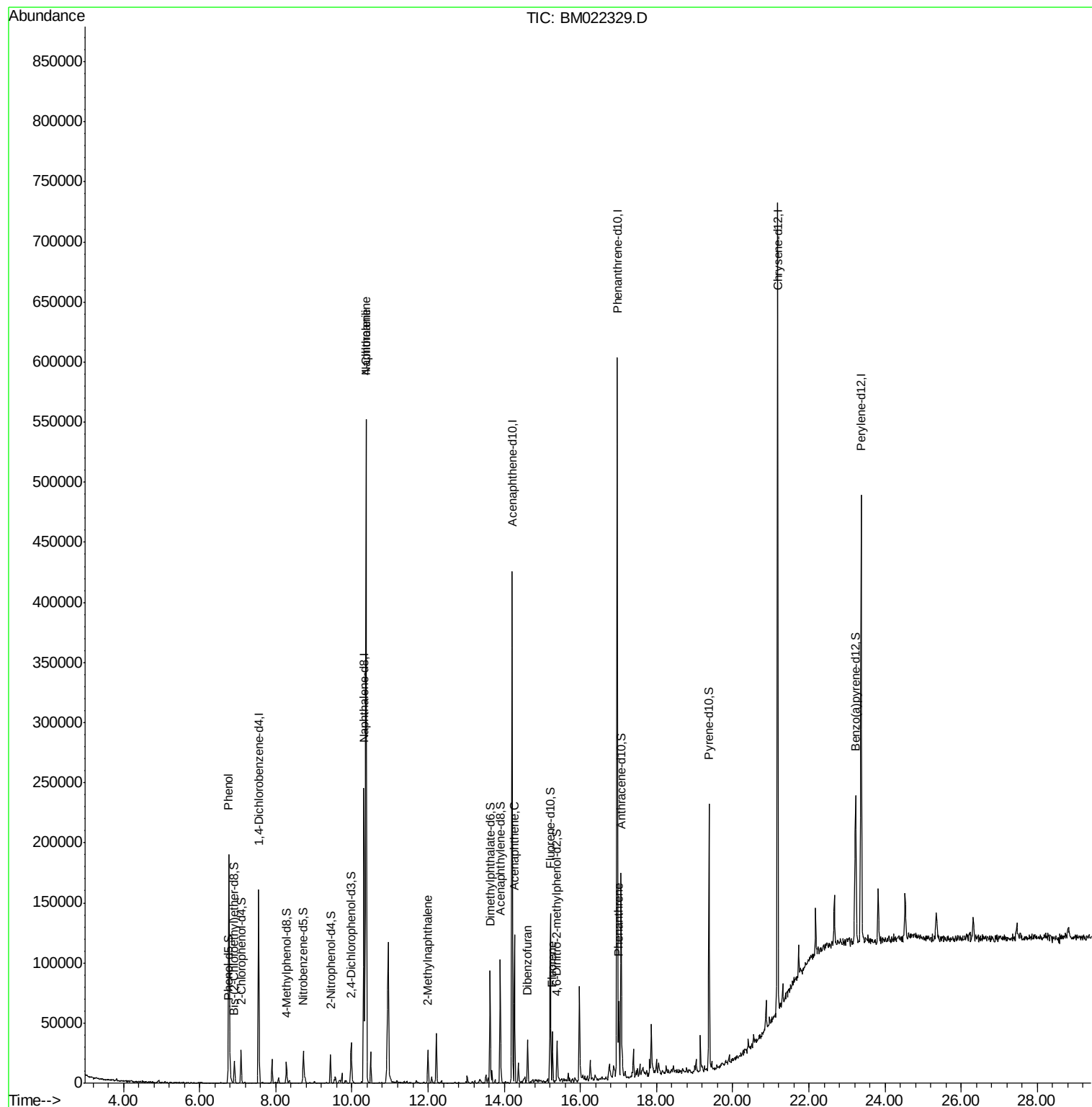
					Ovalue	
6) Phenol	6.77	94	95685	28.368	ng/ul	96
28) Naphthalene	10.37	128	378764	39.818	ng/ul	99
30) 4-Chloroaniline	10.37	127	50456	13.089	ng/ul#	4
34) 2-Methylnaphthalene	12.00	142	13196	1.800	ng/ul	94
49) Acenaphthene	14.27	153	45244	5.101	ng/ul	97
53) Dibenzofuran	14.61	168	19380	1.467	ng/ul	99
58) Fluorene	15.26	166	17304	1.555	ng/ul	98
69) Phenanthrene	17.01	178	30711	1.736	ng/ul	97

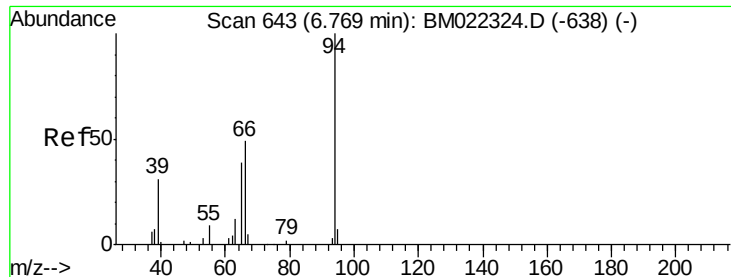
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 28.368 ng/ul

RT: 6.77 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM022329.D

Acq: 26 Aug 2019 14:06

Instrument :

BNA_M

ClientSampleId :

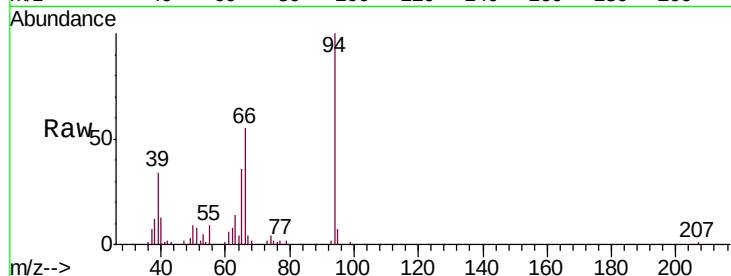
Tot Ion: 94 Resp: 95685

Ion Ratio Lower Upper

94 100

65 35.9 29.2 43.8

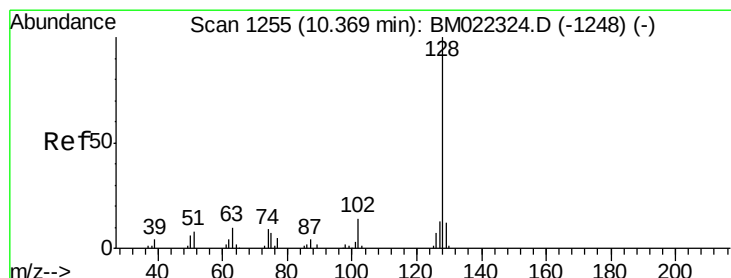
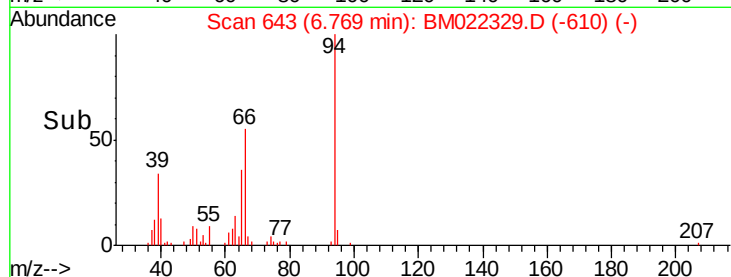
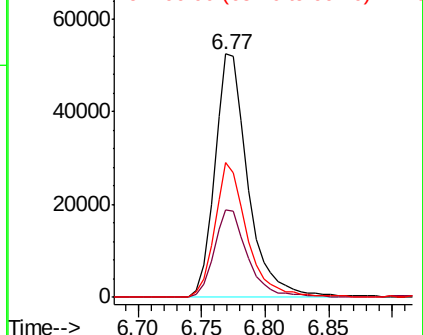
66 55.3 40.6 60.8



Abundance Ion 94.00 (93.70 to 94.70): BM022329.D (-610) (-)

Ion 65.00 (64.70 to 65.70): BM022329.D (-610) (-)

Ion 66.00 (65.70 to 66.70): BM022329.D (-610) (-)



#28

Naphthalene

Concen: 39.818 ng/ul

RT: 10.37 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BM022329.D

Acq: 26 Aug 2019 14:06

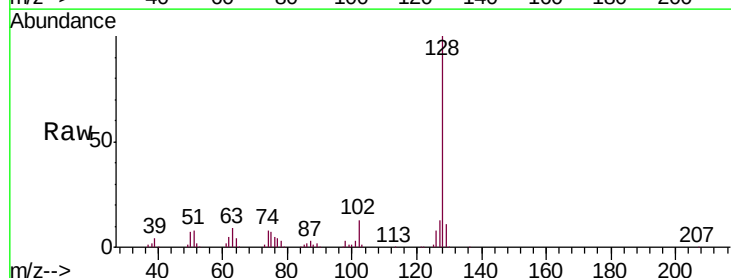
Tgt Ion:128 Resp: 378764

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

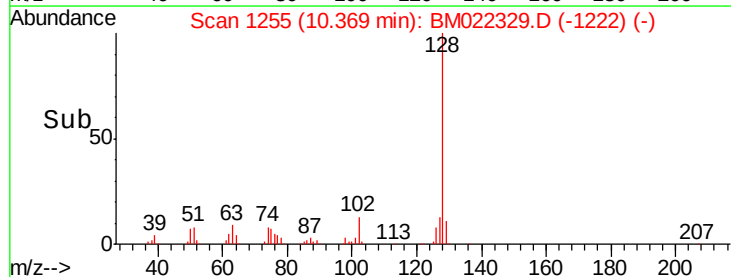
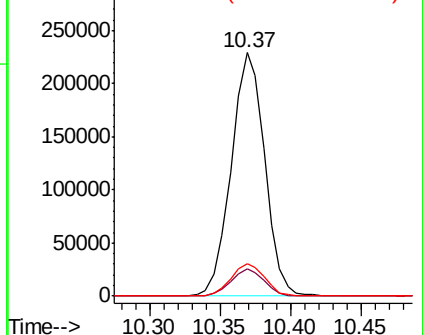
127 13.5 10.4 15.6

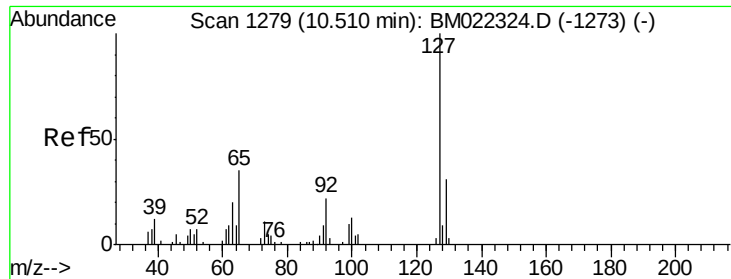


Abundance Ion 128.00 (127.70 to 128.70): BM022329.D (-1222) (-)

Ion 129.00 (128.70 to 129.70): BM022329.D (-1222) (-)

Ion 127.00 (126.70 to 127.70): BM022329.D (-1222) (-)

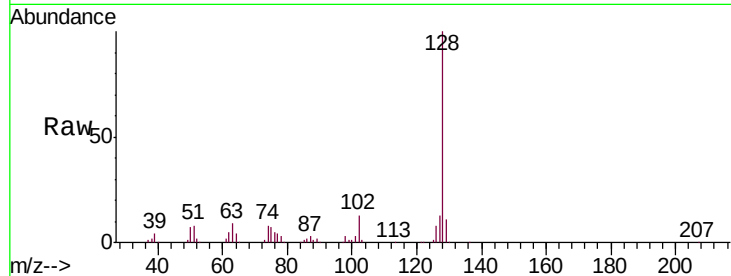




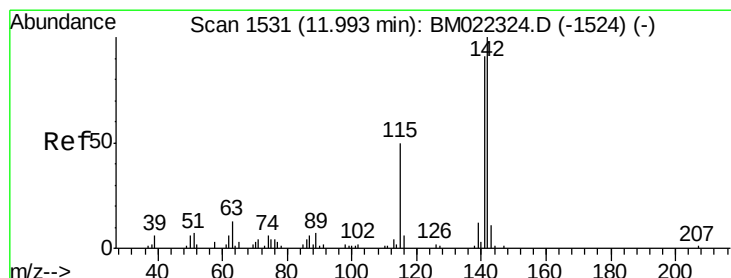
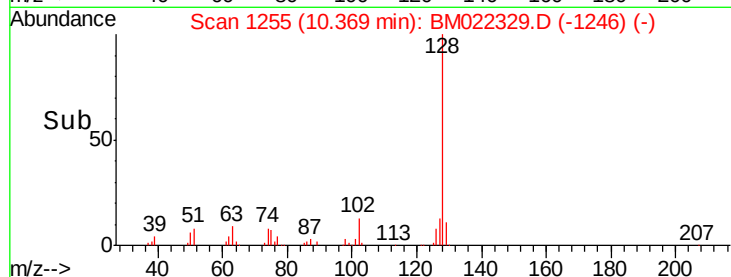
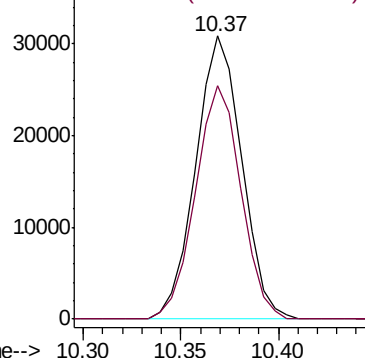
#30
4-Chloroaniline
Concen: 13.089 ng/ul
RT: 10.37 min Scan# 1255
Delta R.T. -0.15 min
Lab File: BM022329.D
Acq: 26 Aug 2019 14:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127 Resp: 50456
Ion Ratio Lower Upper
127 100
129 82.7 24.2 36.4#

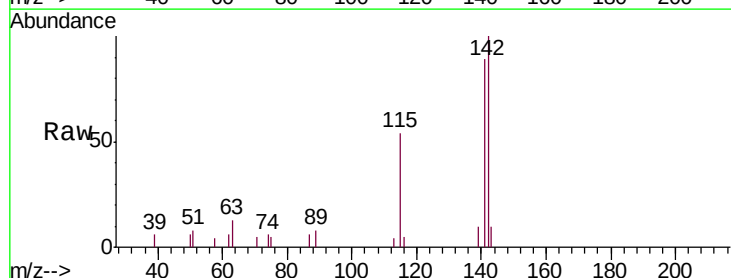


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

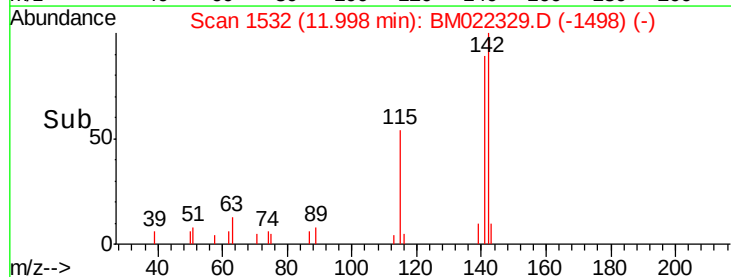
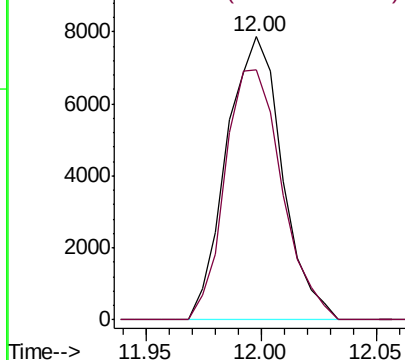


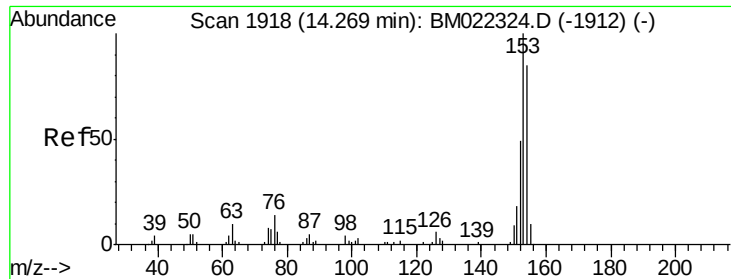
#34
2-Methylnaphthalene
Concen: 1.800 ng/ul
RT: 12.00 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BM022329.D
Acq: 26 Aug 2019 14:06

Tgt Ion:142 Resp: 13196
Ion Ratio Lower Upper
142 100
141 88.6 75.1 112.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#49

Acenaphthene

Concen: 5.101 ng/ul

RT: 14.27 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BM022329.D

Acq: 26 Aug 2019 14:06

Instrument :

BNA_M

ClientSampleId :

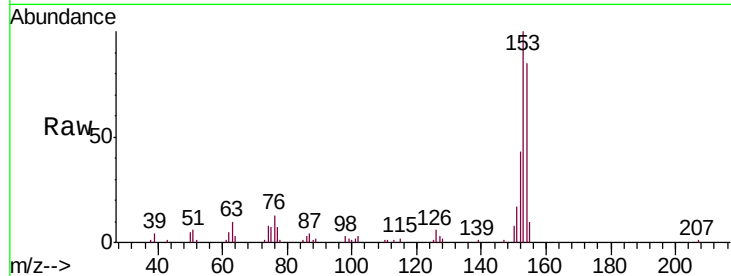
Tot Ion:153 Resp: 45244

Ion Ratio Lower Upper

153 100

152 43.1 38.6 58.0

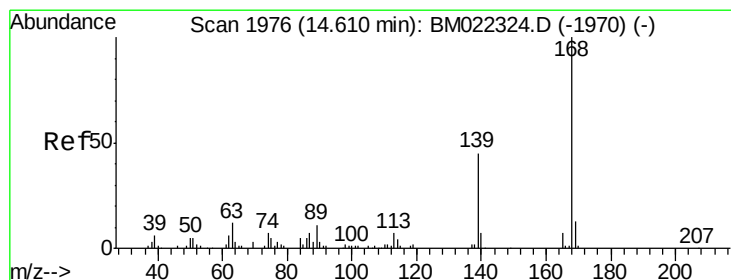
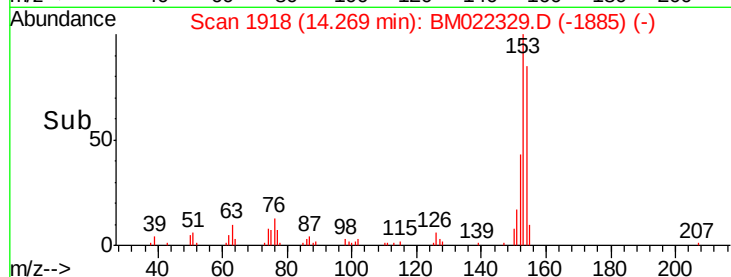
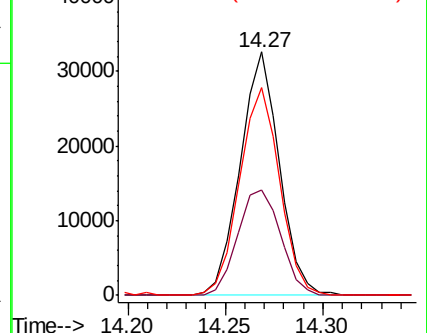
154 85.4 68.9 103.3



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: 1.467 ng/ul

RT: 14.61 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM022329.D

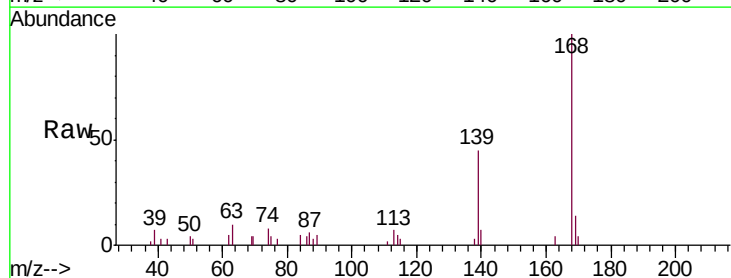
Acq: 26 Aug 2019 14:06

Tgt Ion:168 Resp: 19380

Ion Ratio Lower Upper

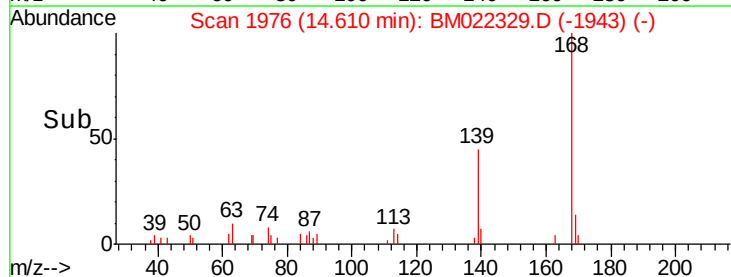
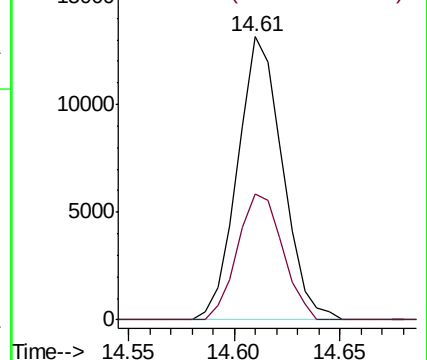
168 100

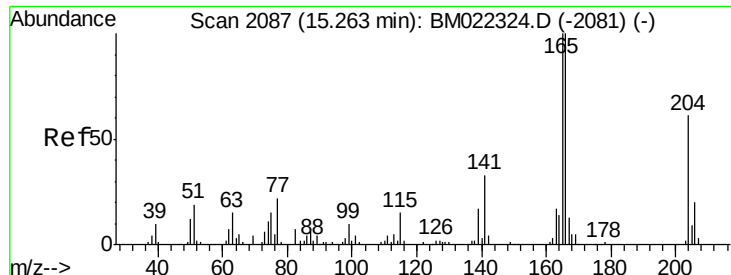
139 44.7 36.2 54.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 1.555 ng/ul

RT: 15.26 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BM022329.D

Acq: 26 Aug 2019 14:06

Instrument :

BNA_M

ClientSampleId :

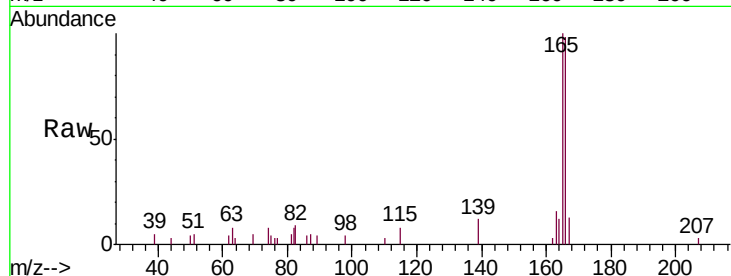
Tot Ion:166 Resp: 17304

Ion Ratio Lower Upper

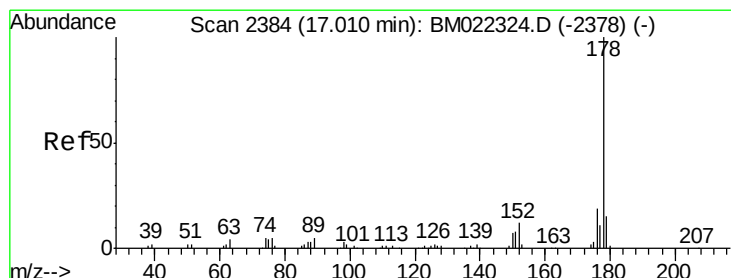
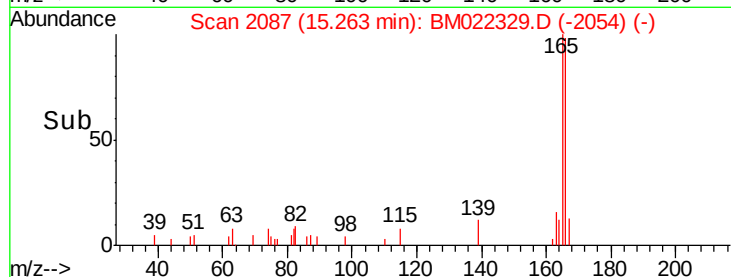
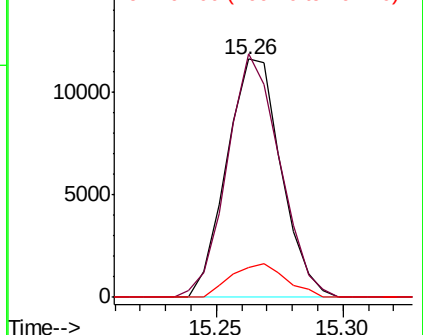
166 100

165 102.2 80.2 120.2

167 12.8 11.4 17.0



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



#69

Phenanthrene

Concen: 1.736 ng/ul

RT: 17.01 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM022329.D

Acq: 26 Aug 2019 14:06

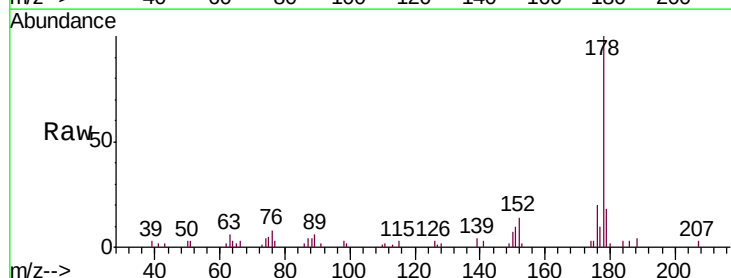
Tgt Ion:178 Resp: 30711

Ion Ratio Lower Upper

178 100

179 17.9 12.4 18.6

176 20.0 15.4 23.0



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

