

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022328.D
 Acq On : 26 Aug 2019 13:29
 Operator : HP/JU
 Sample : K4373-15DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD4DL

Quant Time: Aug 27 11:27:00 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	29394	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	137860	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	100097	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	236728	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	233362	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	203989	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.77	99	2505	0.99	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.91	67	7703	5.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	9381	4.58	ng/ul	0.01
13) 4-Methylphenol-d8	8.28	113	5740	2.61	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	5240	5.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	6241	5.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	12741	5.23	ng/ul	0.01
29) 4-Chloroaniline-d4	10.49	131	823	0.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	54725	6.21	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	56605	5.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	229	0.18	ng/ul	0.06
57) Fluorene-d10	15.21	176	47853	6.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	6444	3.53	ng/ul	0.00
70) Anthracene-d10	17.07	188	82449	6.58	ng/ul	0.00
78) Pyrene-d10	19.37	212	100787	8.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	74920	6.69	ng/ul	0.00

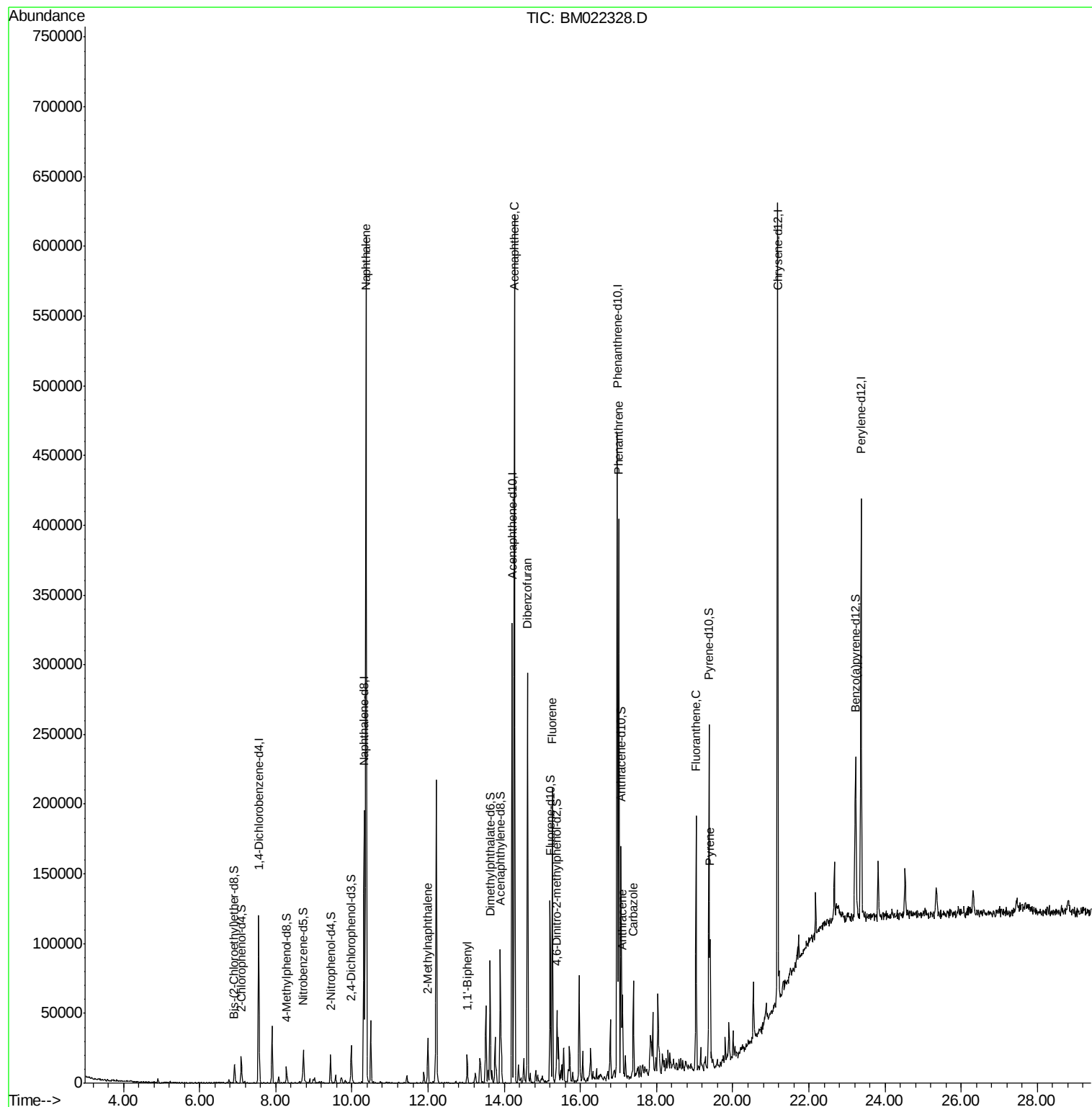
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.37	128	415447	54.607	ng/ul	99
34) 2-Methylnaphthalene	11.99	142	15941	2.719	ng/ul	97
40) 1,1'-Biphenyl	13.03	154	10761	1.321	ng/ul#	96
49) Acenaphthene	14.27	153	220221	31.505	ng/ul	97
53) Dibenzofuran	14.61	168	153798	14.773	ng/ul	100
58) Fluorene	15.26	166	82900	9.454	ng/ul	99
69) Phenanthrene	17.01	178	198673	14.028	ng/ul	97
71) Anthracene	17.10	178	36022	2.444	ng/ul	97
74) Carbazole	17.39	167	38891	2.922	ng/ul	99
76) Fluoranthene	19.04	202	98428	4.612	ng/ul	99
79) Pyrene	19.40	202	64610	4.277	ng/ul	100

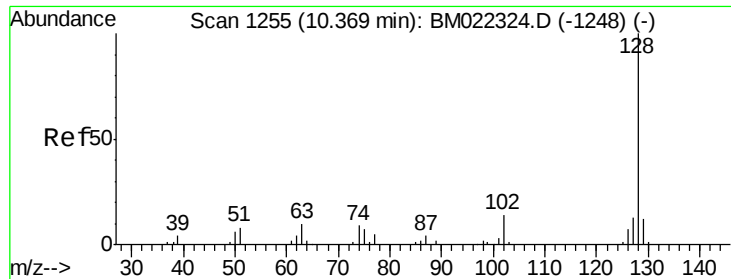
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 54.607 ng/ul

RT: 10.37 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BM022328.D

Acq: 26 Aug 2019 13:29

Instrument :

BNA_M

ClientSampleId :

C0AD4DL

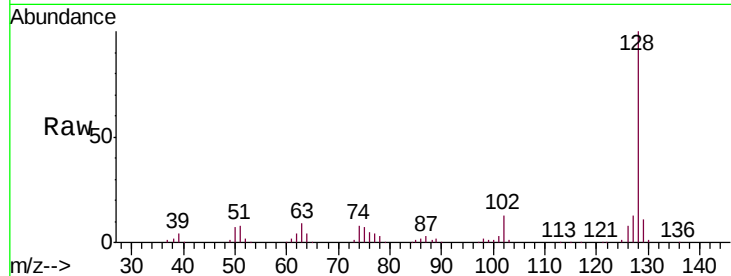
Tot Ion:128 Resp: 415447

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

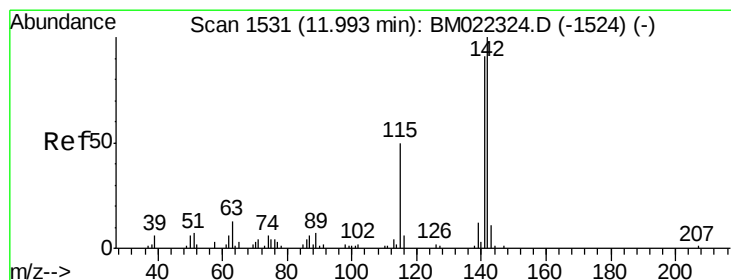
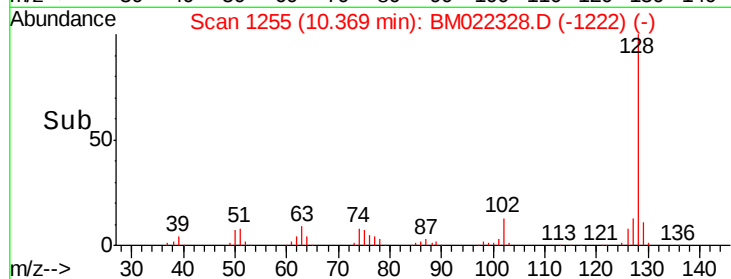
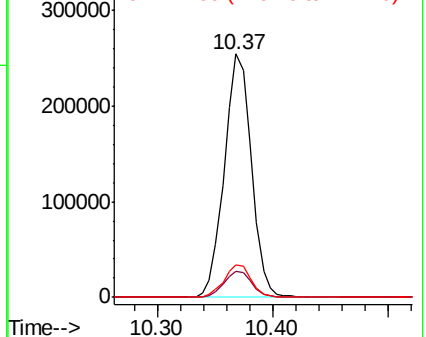
127 13.4 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 2.719 ng/ul

RT: 11.99 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BM022328.D

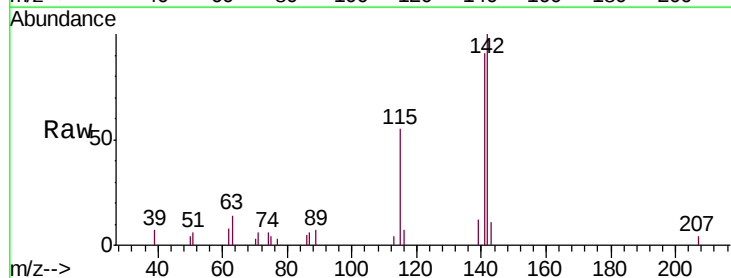
Acq: 26 Aug 2019 13:29

Tgt Ion:142 Resp: 15941

Ion Ratio Lower Upper

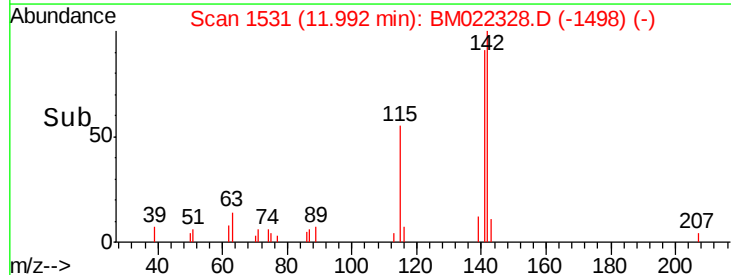
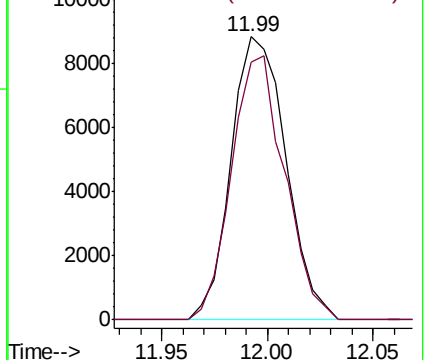
142 100

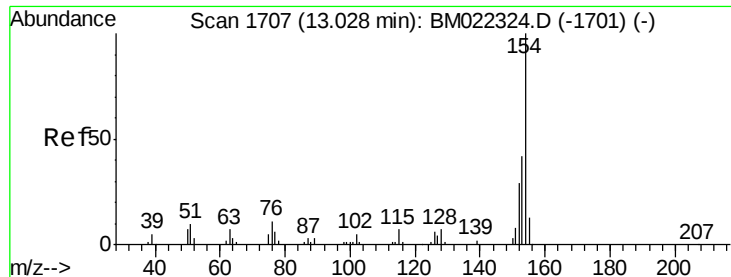
141 91.2 75.1 112.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

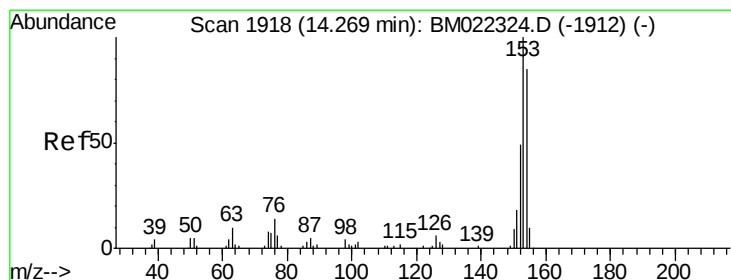
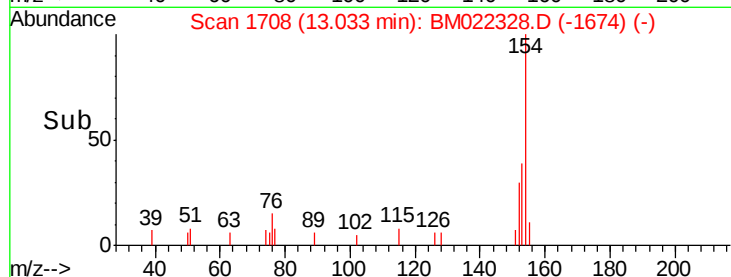
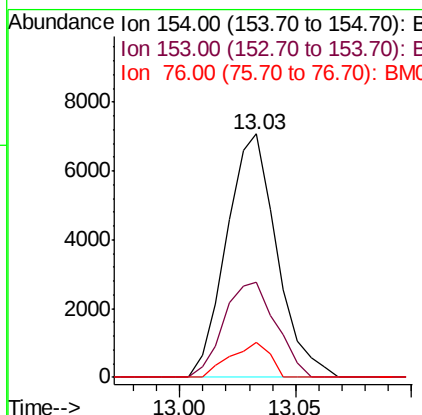
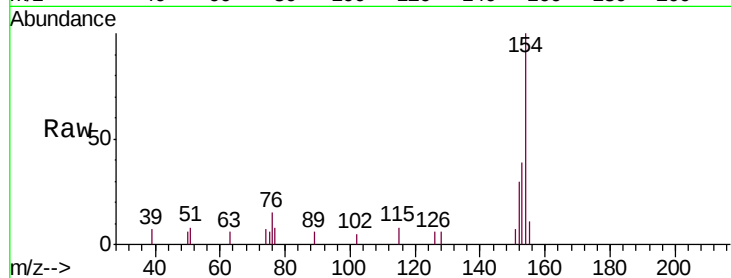




#40
 1,1'-Biphenyl
 Concen: 1.321 ng/ul
 RT: 13.03 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BM022328.D
 Acq: 26 Aug 2019 13:29

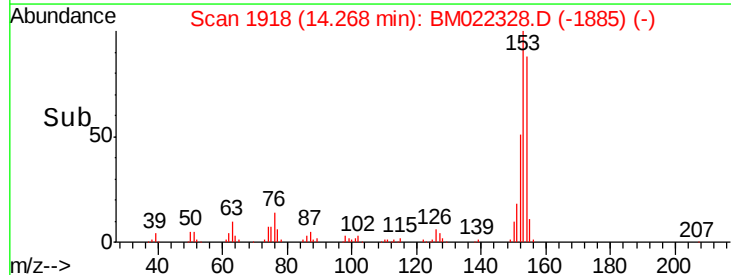
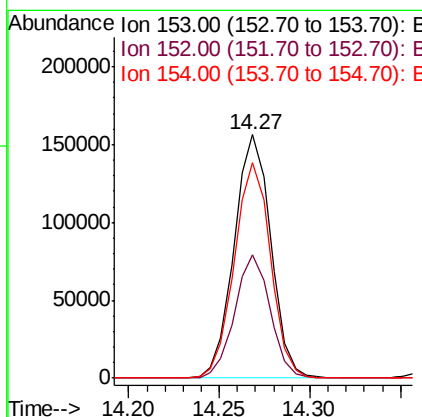
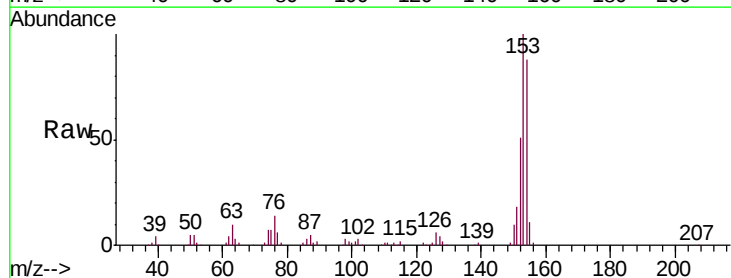
Instrument :
 BNA_M
 ClientSampleId :
 C0AD4DL

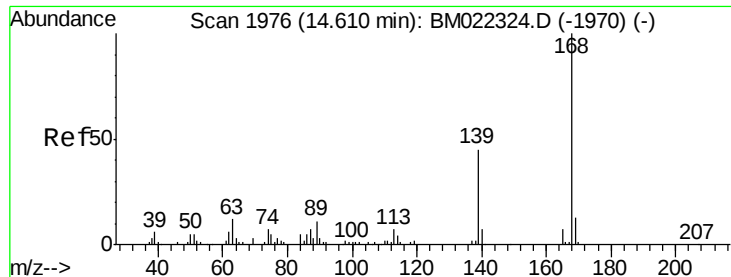
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.0	32.5	48.7
76	14.6	9.2	13.8



#49
 Acenaphthene
 Concen: 31.505 ng/ul
 RT: 14.27 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BM022328.D
 Acq: 26 Aug 2019 13:29

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.5	38.6	58.0
154	88.5	68.9	103.3





#53

Dibenzofuran

Concen: 14.773 ng/ul

RT: 14.61 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM022328.D

Acq: 26 Aug 2019 13:29

Instrument :

BNA_M

ClientSampleId :

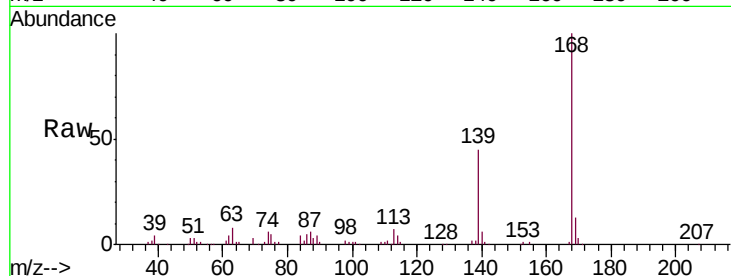
C0AD4DL

Tot Ion:168 Resp: 153798

Ion Ratio Lower Upper

168 100

139 45.4 36.2 54.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

120000

100000

80000

60000

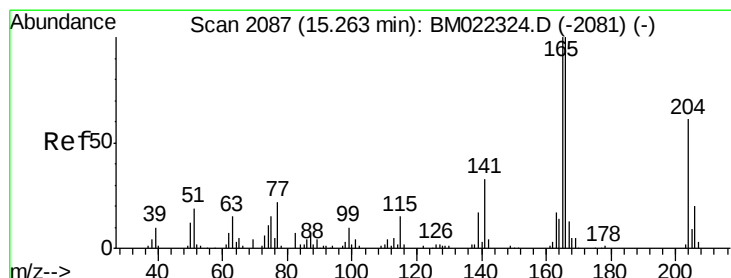
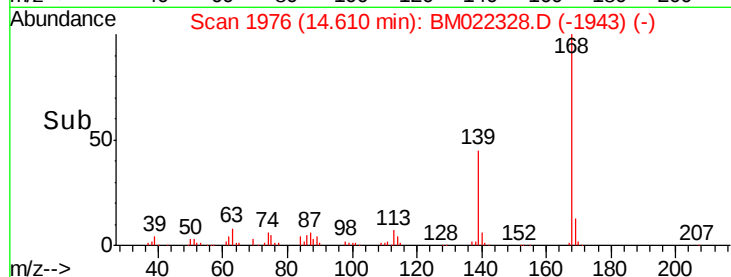
40000

20000

0

14.55 14.60 14.65 14.70

Time-->



#58

Fluorene

Concen: 9.454 ng/ul

RT: 15.26 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BM022328.D

Acq: 26 Aug 2019 13:29

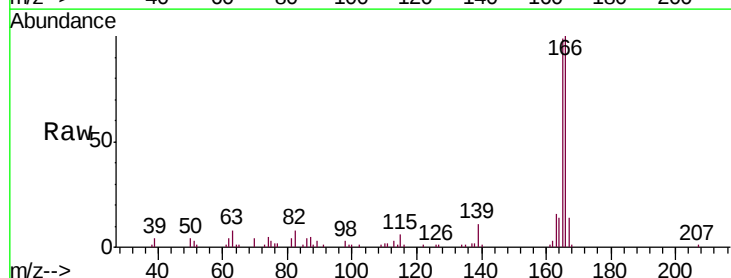
Tgt Ion:166 Resp: 82900

Ion Ratio Lower Upper

166 100

165 98.8 80.2 120.2

167 14.4 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

80000

60000

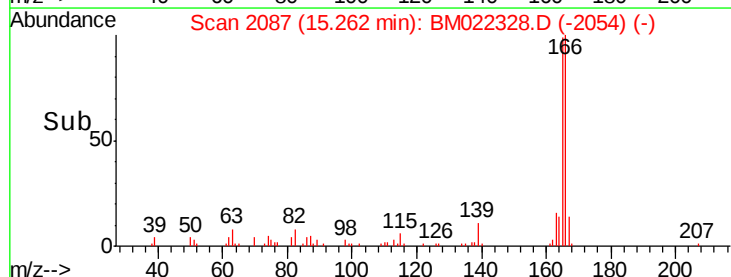
40000

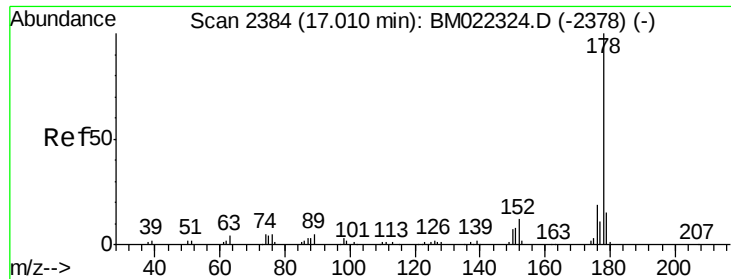
20000

0

15.20 15.25 15.30

Time-->





#69

Phenanthrene

Concen: 14.028 ng/ul

RT: 17.01 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM022328.D

Acq: 26 Aug 2019 13:29

Instrument :

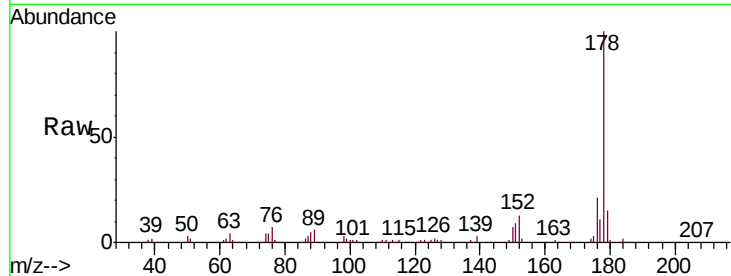
BNA_M

ClientSampleId :

C0AD4DL

Tot Ion:178 Resp: 198673

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.4	18.6
176	21.1	15.4	23.0

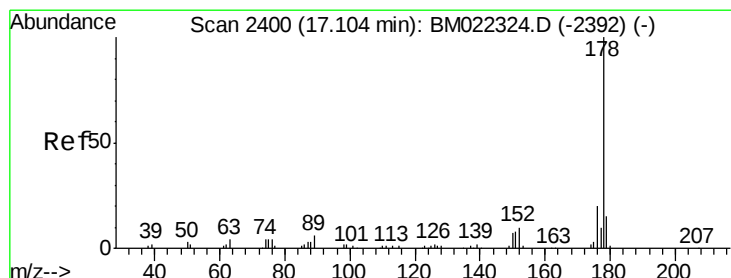
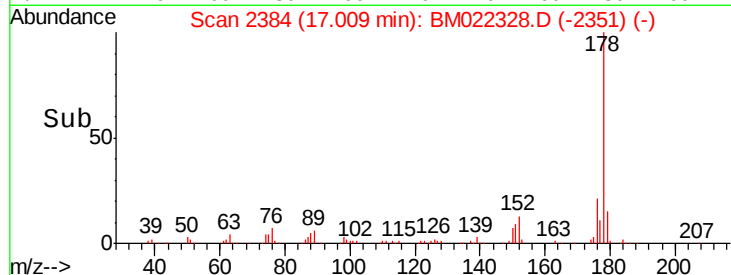
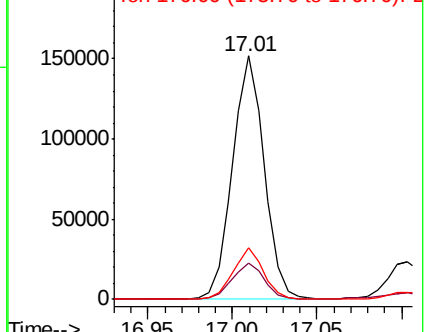


Abundance

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



#71

Anthracene

Concen: 2.444 ng/ul

RT: 17.10 min Scan# 2400

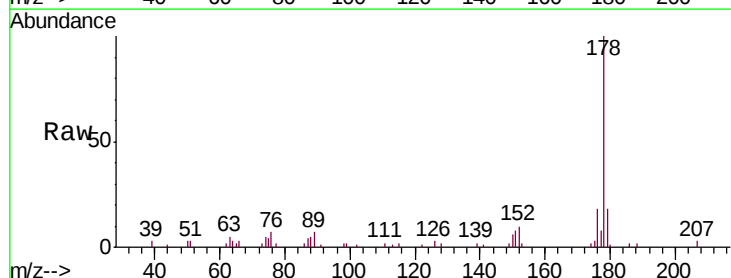
Delta R.T. -0.01 min

Lab File: BM022328.D

Acq: 26 Aug 2019 13:29

Tgt Ion:178 Resp: 36022

Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.3	18.5
176	18.5	15.5	23.3

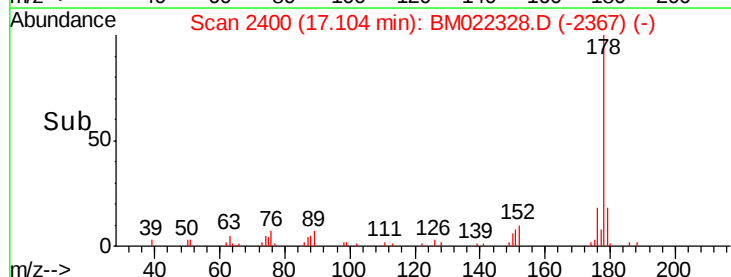
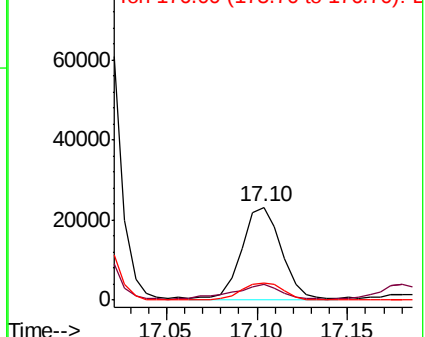


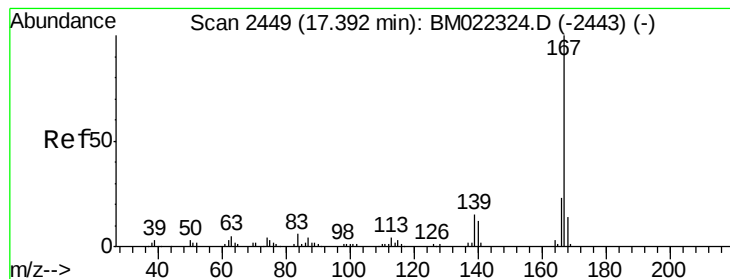
Abundance

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

Carbazole

Concen: 2.922 ng/ul

RT: 17.39 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BM022328.D

Acq: 26 Aug 2019 13:29

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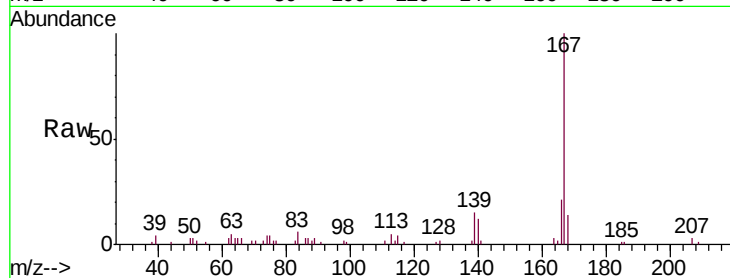
Tot Ion:167 Resp: 38891

Ion Ratio Lower Upper

167 100

166 21.5 17.8 26.8

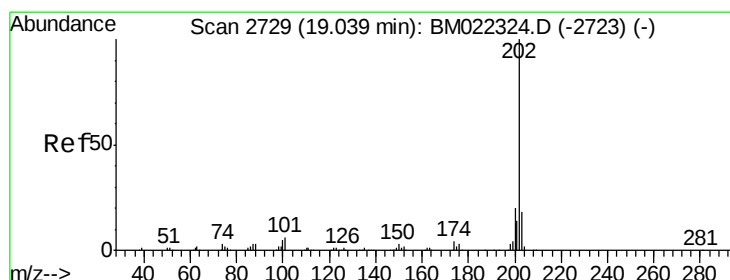
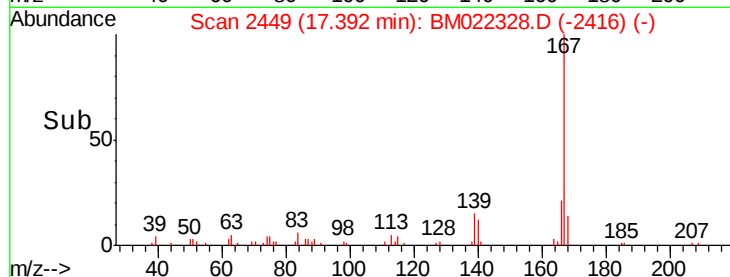
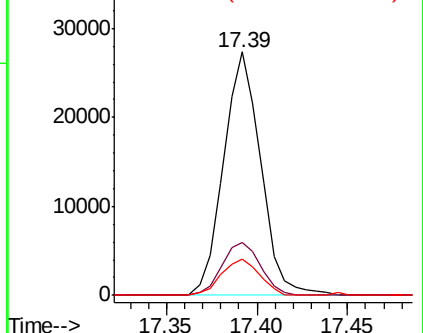
139 14.7 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#76

Fluoranthene

Concen: 4.612 ng/ul

RT: 19.04 min Scan# 2729

Delta R.T. -0.01 min

Lab File: BM022328.D

Acq: 26 Aug 2019 13:29

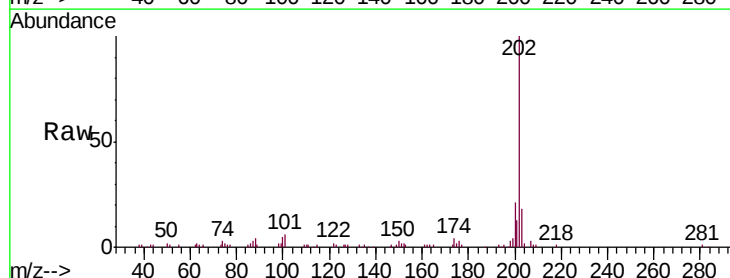
Tgt Ion:202 Resp: 98428

Ion Ratio Lower Upper

202 100

101 6.4 5.3 7.9

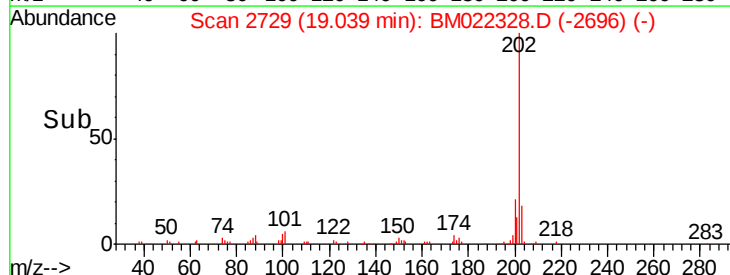
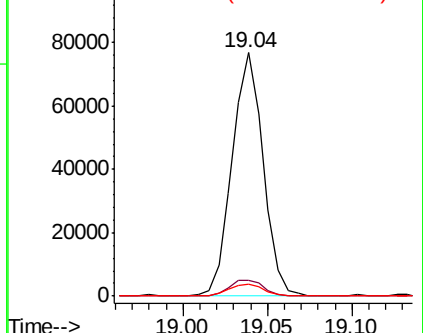
100 5.0 4.6 6.8

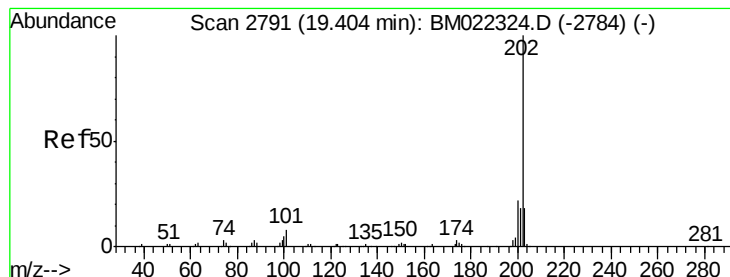


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#79

Pvrene

Concen: 4.277 ng/ul

RT: 19.40 min Scan# 2791

Delta R.T. -0.01 min

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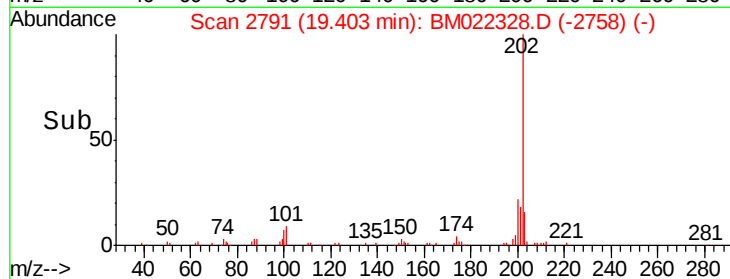
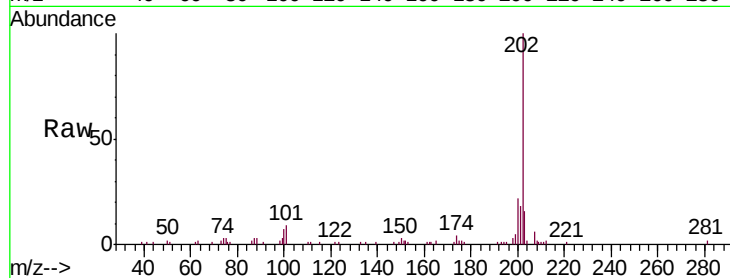
Tot Ion:202 Resp: 64610

Ion Ratio Lower Upper

202 100

101 8.6 7.0 10.4

100 7.1 5.8 8.8



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

