

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
 Data File : BM023746.D
 Acq On : 15 Nov 2019 09:36
 Operator : JU
 Sample : K5700-01DL 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 15 10:34:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 15 07:53:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	347041	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1407979	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	890306	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	1913835	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1905047	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2244764	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	376	0.04	ng/uL	0.00
5) Phenol-d5	6.73	99	14619	0.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	42949	2.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	43867	1.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	26783	1.06	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	24928	2.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	24855	2.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	47202	1.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	2011	0.08	ng/ul	-0.02
44) Dimethylphthalate-d6	13.60	166	196493	2.83	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	195351	2.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	2080	0.18	ng/ul	0.03
58) Fluorene-d10	15.19	176	173599	2.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	12326	1.11	ng/ul	0.00
71) Anthracene-d10	17.03	188	271846	2.99	ng/ul	0.00
79) Pyrene-d10	19.34	212	308348	3.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	352006	2.98	ng/ul	0.00

Target Compounds

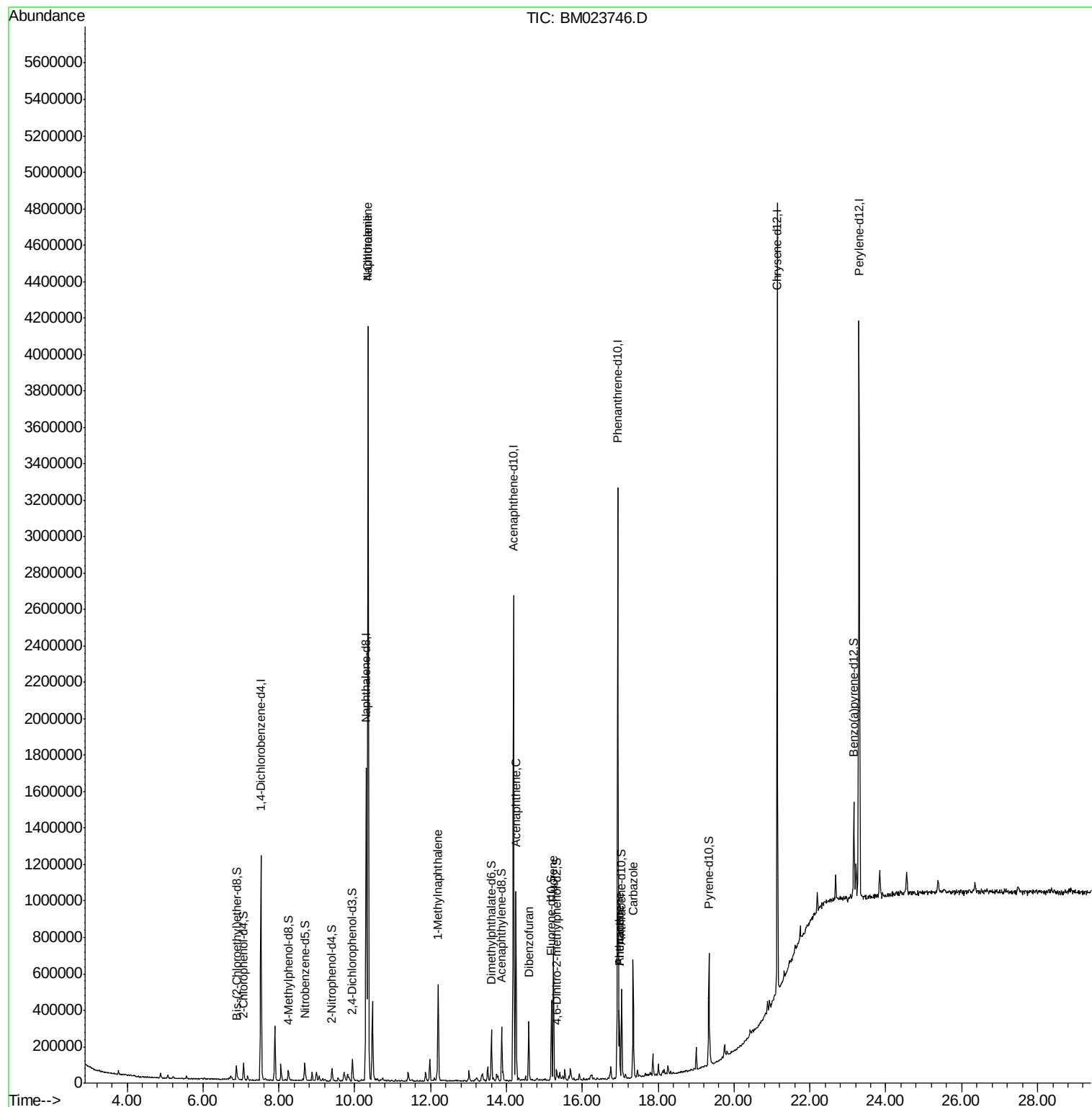
					Ovalue
28) Naphthalene	10.35	128	3360156	45.405	ng/ul 99
30) 4-Chloroaniline	10.35	127	436212	16.000	ng/ul# 8
35) 1-Methylnaphthalene	12.20	142	252608	4.524	ng/ul 96
50) Acenaphthene	14.25	153	427965	7.560	ng/ul 97
54) Dibenzofuran	14.59	168	214139	2.555	ng/ul 99
59) Fluorene	15.24	166	315181	4.636	ng/ul 99
70) Phenanthrene	16.97	178	195703	1.856	ng/ul 99
72) Anthracene	16.97	178	195703	1.846	ng/ul 99
75) Carbazole	17.34	167	400188	4.529	ng/ul 99

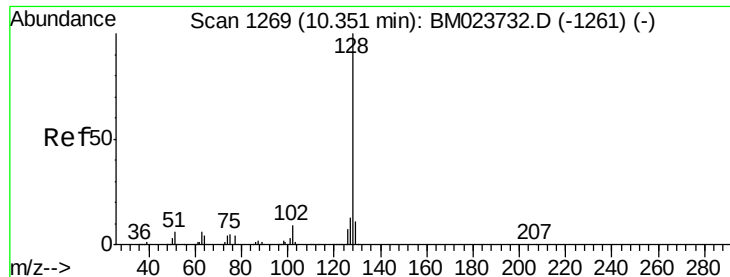
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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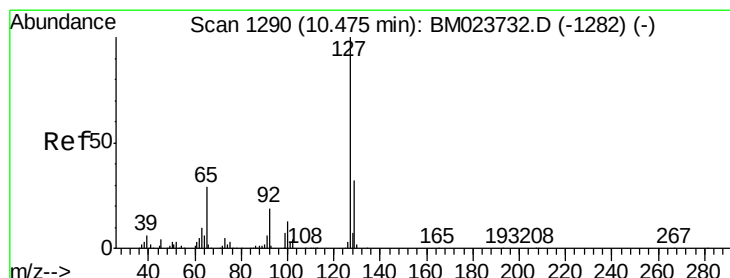
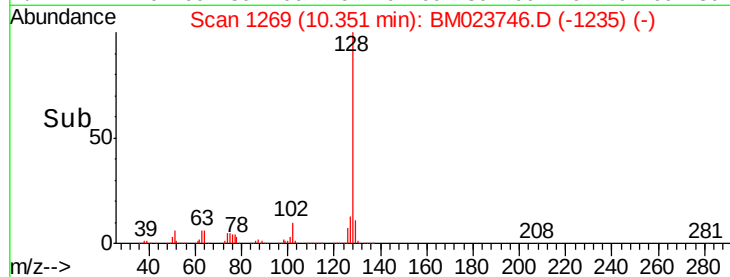
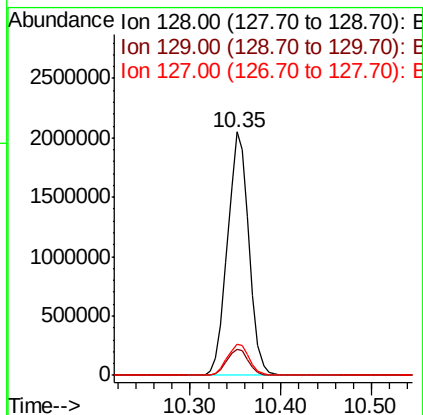
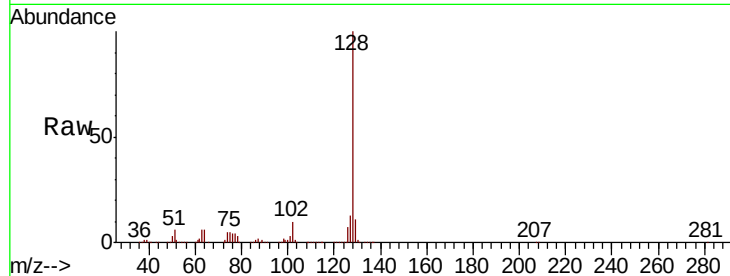




#28
Naphthalene
Concen: 45.405 ng/ul
RT: 10.35 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BM023746.D
Acq: 15 Nov 2019 09:36

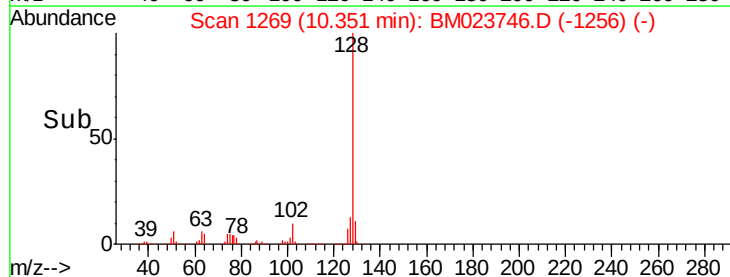
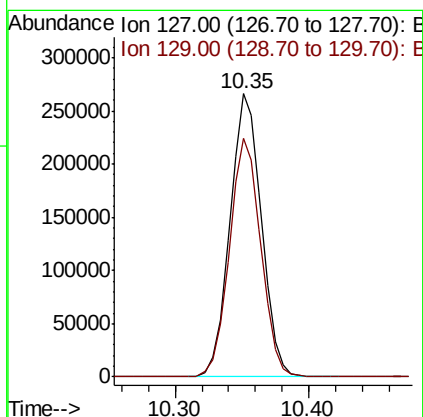
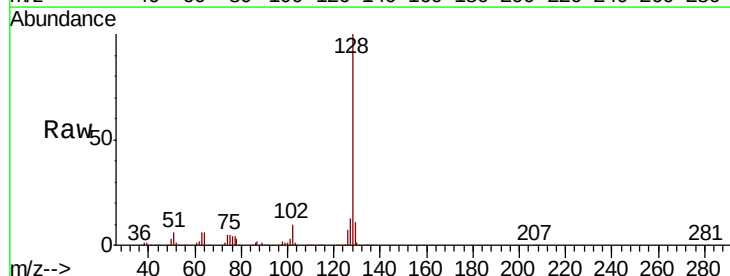
Instrument :
BNA_M
ClientSampled :

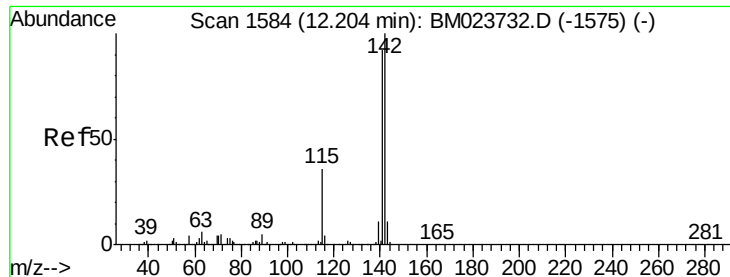
Tot Ion:128 Resp: 3360156
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.0 10.6 16.0



#30
4-Chloroaniline
Concen: 16.000 ng/ul
RT: 10.35 min Scan# 1269
Delta R.T. -0.12 min
Lab File: BM023746.D
Acq: 15 Nov 2019 09:36

Tgt Ion:127 Resp: 436212
Ion Ratio Lower Upper
127 100
129 84.4 26.1 39.1#





#35

1-Methylnaphthalene

Concen: 4.524 ng/ul

RT: 12.20 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BM023746.D

Acq: 15 Nov 2019 09:36

Instrument :

BNA_M

ClientSampleId :

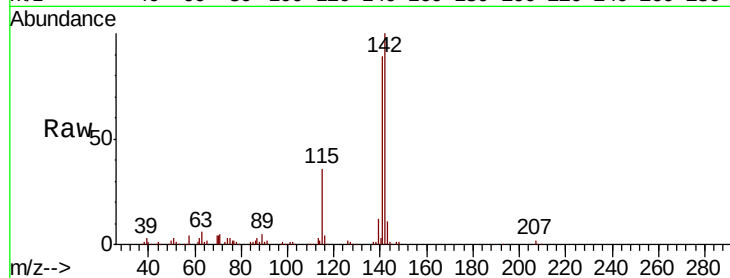
Tot Ion:142 Resp: 252608

Ion Ratio Lower Upper

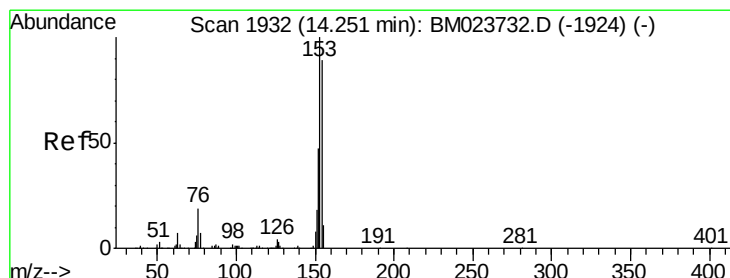
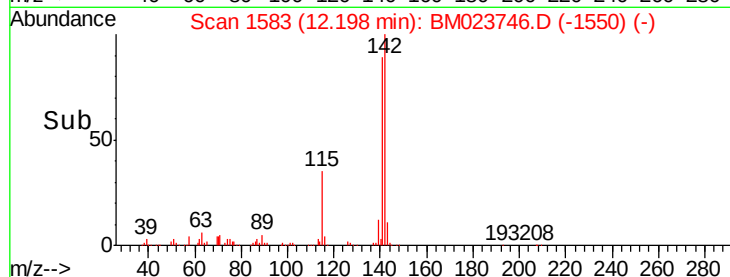
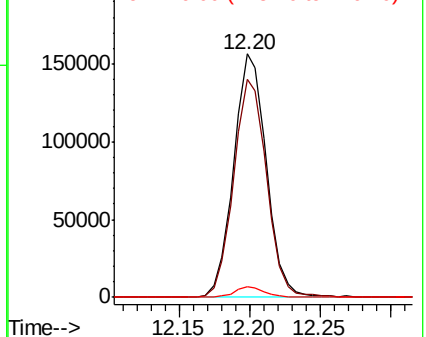
142 100

141 89.4 74.6 112.0

116 4.1 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



#50

Acenaphthene

Concen: 7.560 ng/ul

RT: 14.25 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BM023746.D

Acq: 15 Nov 2019 09:36

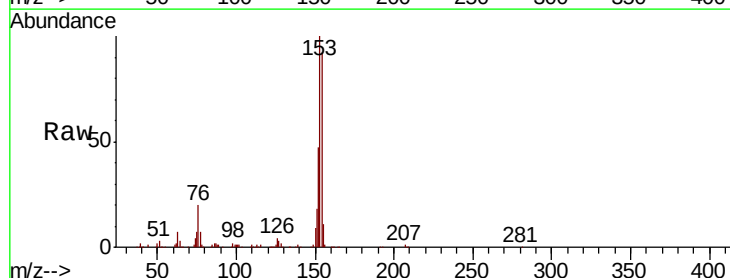
Tgt Ion:153 Resp: 427965

Ion Ratio Lower Upper

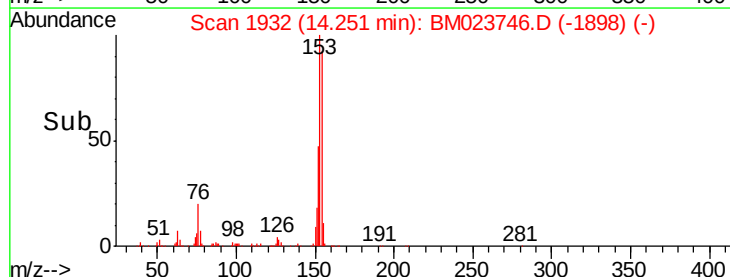
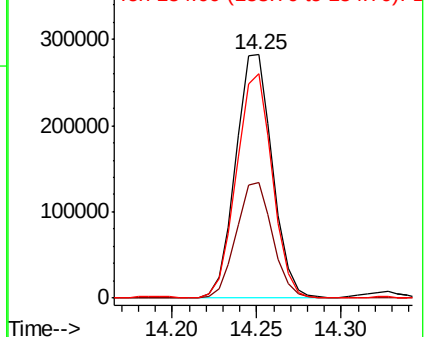
153 100

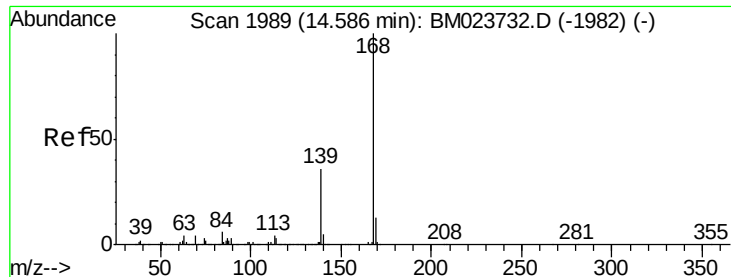
152 47.5 37.7 56.5

154 92.0 70.6 106.0



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





#54

Dibenzo(f,h)quinoxaline

Concen: 2.555 ng/ul

RT: 14.59 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BM023746.D

Acq: 15 Nov 2019 09:36

Instrument :

BNA_M

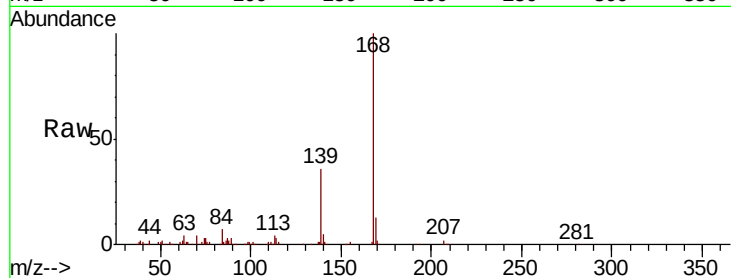
ClientSampleId :

Tot Ion:168 Resp: 214139

Ion Ratio Lower Upper

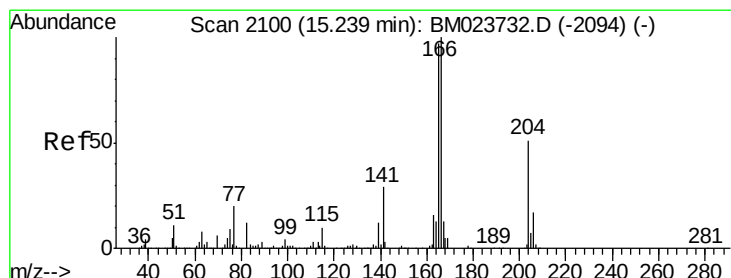
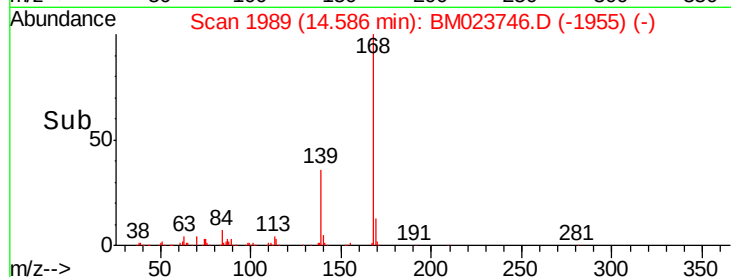
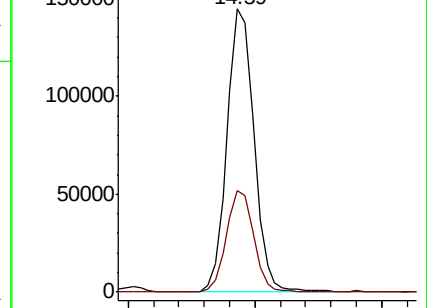
168 100

139 36.0 29.3 43.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 4.636 ng/ul

RT: 15.24 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BM023746.D

Acq: 15 Nov 2019 09:36

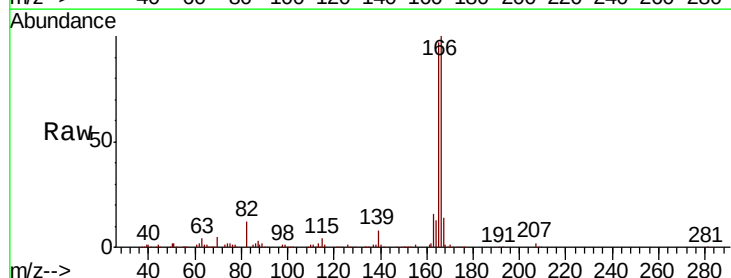
Tgt Ion:166 Resp: 315181

Ion Ratio Lower Upper

166 100

165 97.3 77.2 115.8

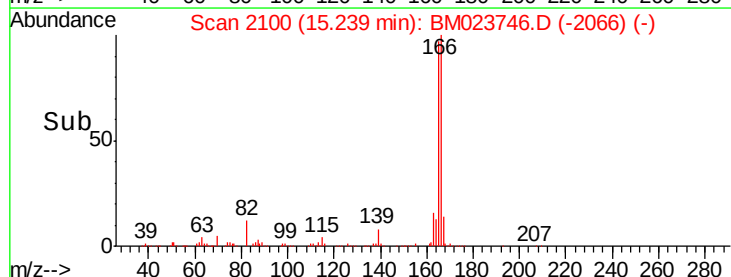
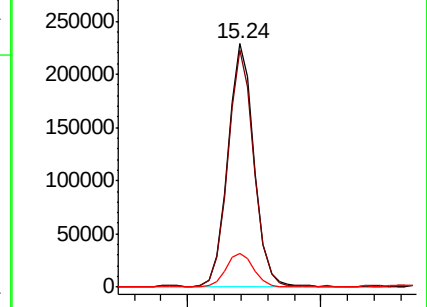
167 13.8 10.9 16.3

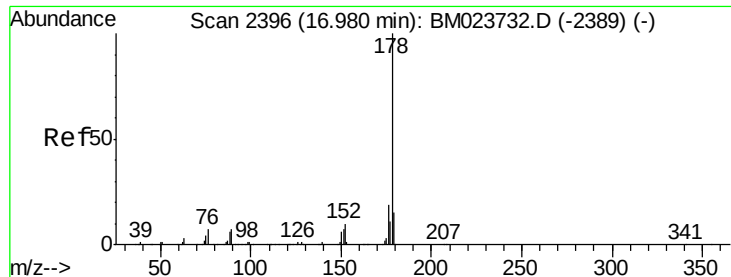


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 1.856 ng/ul

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BM023746.D

Acq: 15 Nov 2019 09:36

Instrument :

BNA_M

ClientSampleId :

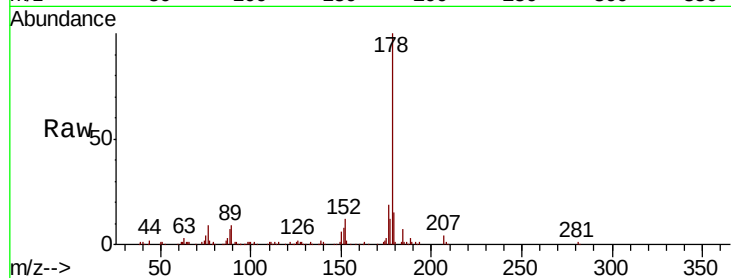
Tot Ion:178 Resp: 195703

Ion Ratio Lower Upper

178 100

179 15.0 12.3 18.5

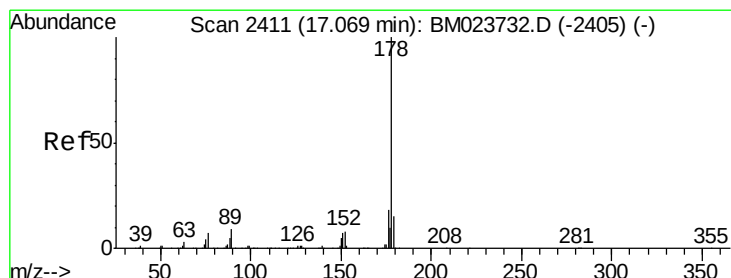
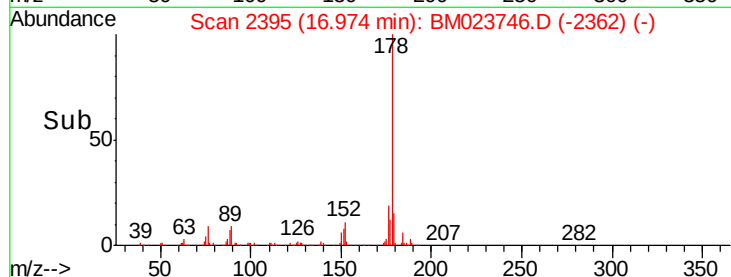
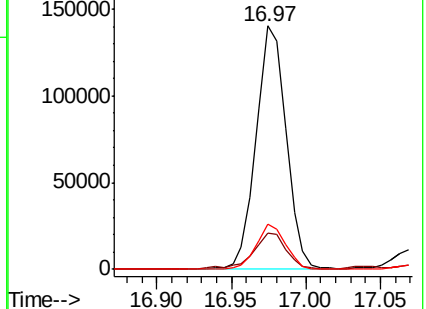
176 18.6 15.0 22.6



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



#72

Anthracene

Concen: 1.846 ng/ul

RT: 16.97 min Scan# 2395

Delta R.T. -0.09 min

Lab File: BM023746.D

Acq: 15 Nov 2019 09:36

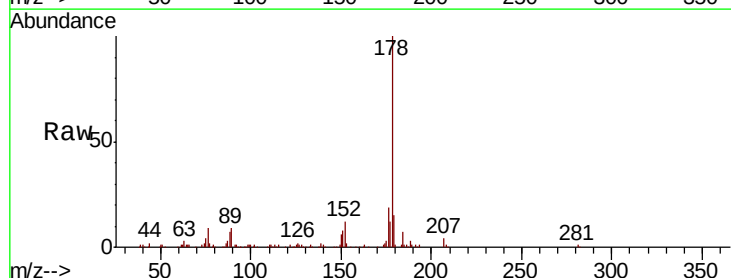
Tgt Ion:178 Resp: 195703

Ion Ratio Lower Upper

178 100

179 15.0 12.3 18.5

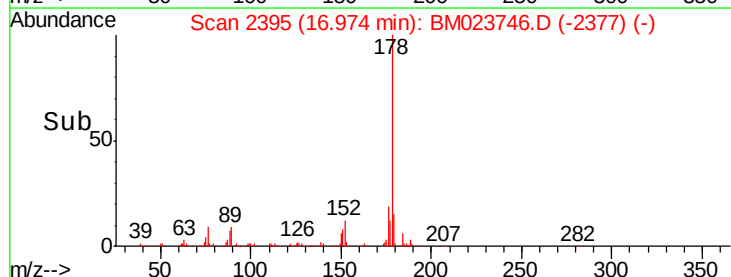
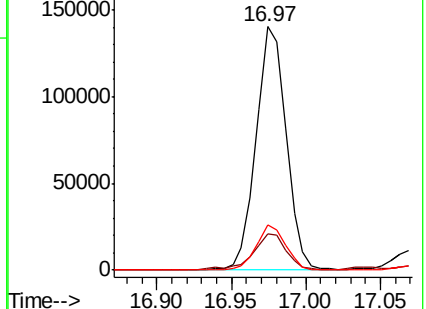
176 18.6 14.7 22.1

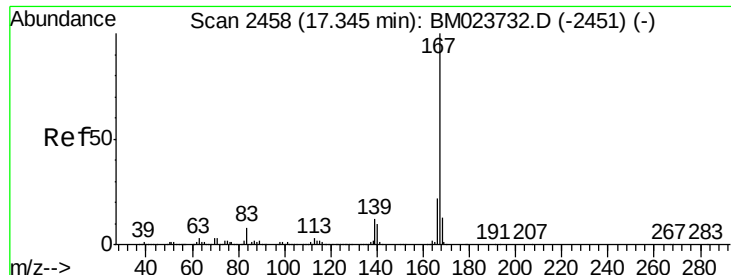


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 4.529 ng/ul

RT: 17.34 min Scan# 2457

Delta R.T. -0.01 min

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ClientSampleId :

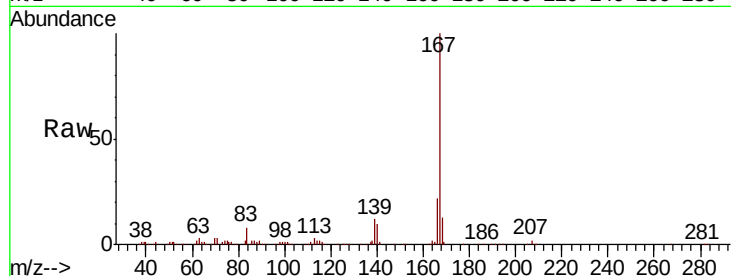
Tot Ion:167 Resp: 400188

Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

139 12.3 9.8 14.6



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

