

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
 Data File : BM043368.D
 Acq On : 15 Dec 2023 21:24
 Operator : MA/JU
 Sample : 05794-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGRF7

Quant Time: Dec 15 22:57:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

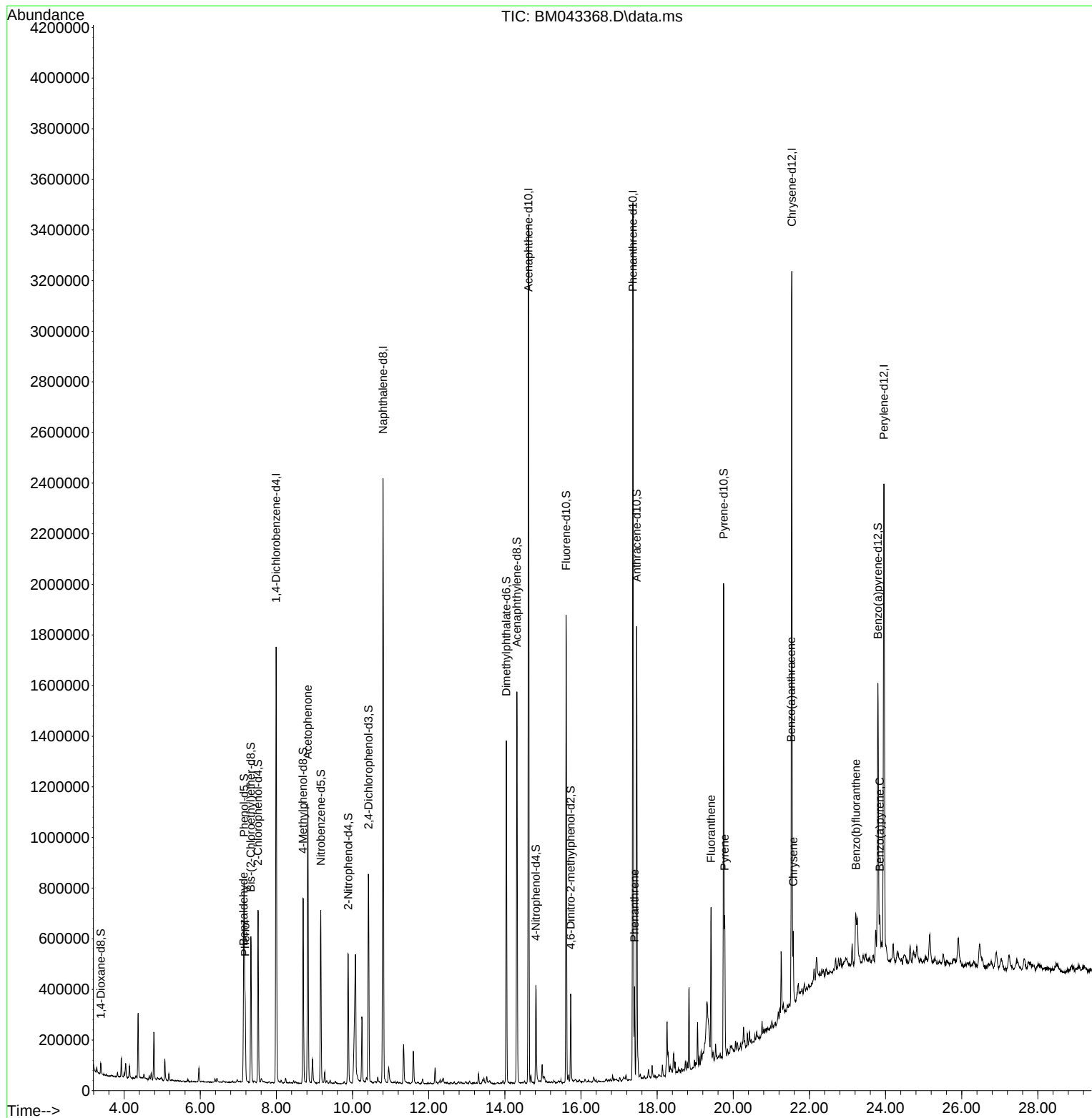
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	443181	20.000	ng/u1	0.00
20) Naphthalene-d8	10.798	136	1977504	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.621	164	1062211	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.362	188	1812167	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1185707	20.000	ng/u1	0.00
88) Perylene-d12	23.956	264	1312211	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	21364	1.567	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.151	99	386295	7.662	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	265311	8.309	ng/u1	0.00
11) 2-Chlorophenol-d4	7.516	132	301761	7.839	ng/u1	0.00
15) 4-Methylphenol-d8	8.698	113	271001	6.927	ng/u1	0.00
21) Nitrobenzene-d5	9.163	128	150645	7.874	ng/u1	0.00
24) 2-Nitrophenol-d4	9.886	143	149048	7.540	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	281057	8.054	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	39227	0.764	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	800908	8.376	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	966198	8.518	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	85412	4.719	ng/u1	0.00
60) Fluorene-d10	15.610	176	689563	8.721	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	55183	4.604	ng/u1	0.00
73) Anthracene-d10	17.462	188	906991	8.924	ng/u1	0.00
81) Pyrene-d10	19.745	212	885545	9.460	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.797	264	762329	9.414	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.134	77	67894	2.840	ng/u1	97
8) Phenol	7.181	94	168503	3.397	ng/u1	99
16) Acetophenone	8.822	105	569854	9.514	ng/u1	99
72) Phenanthrene	17.404	178	199199	1.622	ng/u1	97
80) Fluoranthene	19.415	202	317855	2.742	ng/u1	98
82) Pyrene	19.774	202	298019	2.501	ng/u1	99
85) Benzo(a)anthracene	21.521	228	154135	1.555	ng/u1	99
87) Chrysene	21.574	228	137394	1.540	ng/u1	98
90) Benzo(b)fluoranthene	23.221	252	176169	1.752	ng/u1	94
93) Benzo(a)pyrene	23.850	252	127375	1.388	ng/u1	97

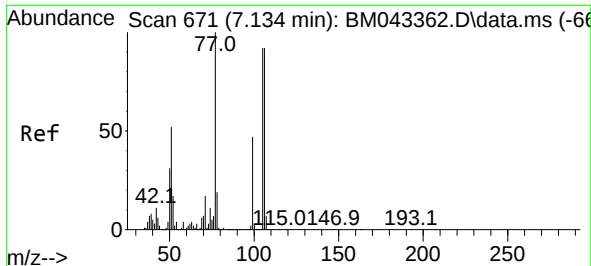
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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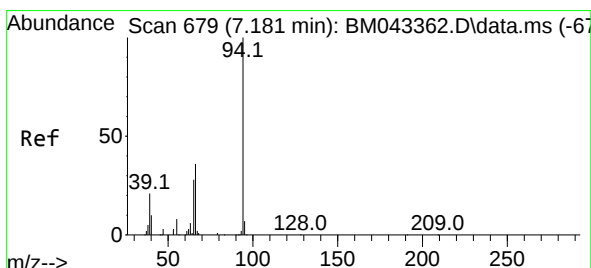
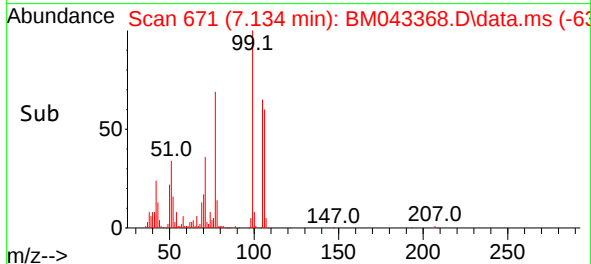
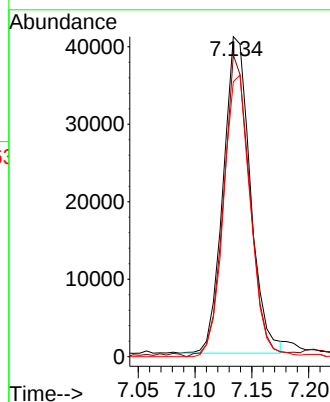
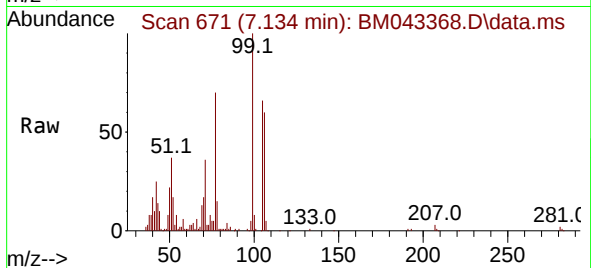




#6
Benzaldehyde
Concen: 2.840 ng/ul
RT: 7.134 min Scan# 671
Delta R.T. -0.006 min
Lab File: BM043368.D
Acq: 15 Dec 2023 21:24

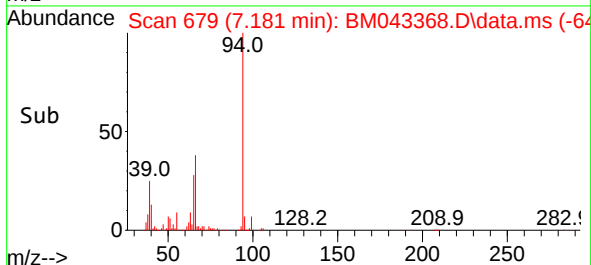
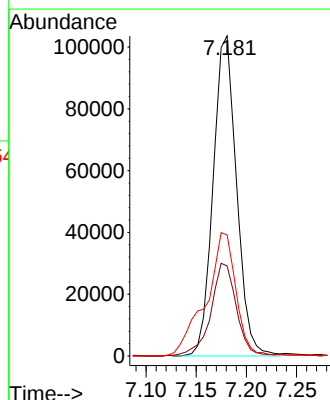
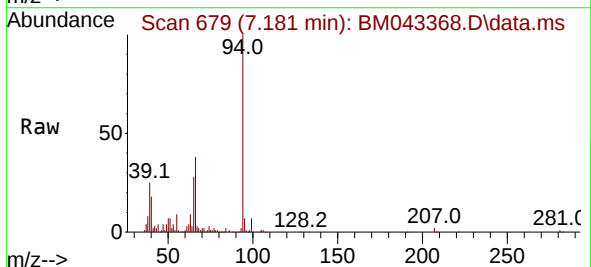
Instrument :
BNA_M
ClientSampleId :
BGRF7

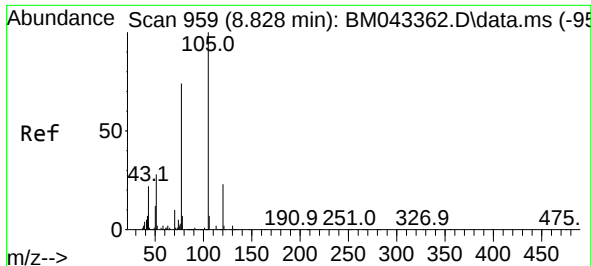
Tgt Ion: 77 Resp: 67894
Ion Ratio Lower Upper
77 100
105 94.3 73.4 110.0
106 85.9 71.4 107.0



#8
Phenol
Concen: 3.397 ng/ul
RT: 7.181 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM043368.D
Acq: 15 Dec 2023 21:24

Tgt Ion: 94 Resp: 168503
Ion Ratio Lower Upper
94 100
65 28.1 23.7 35.5
66 37.8 30.2 45.4

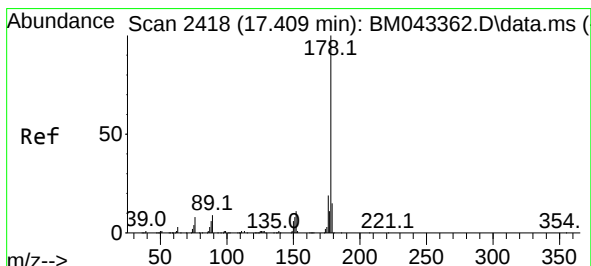
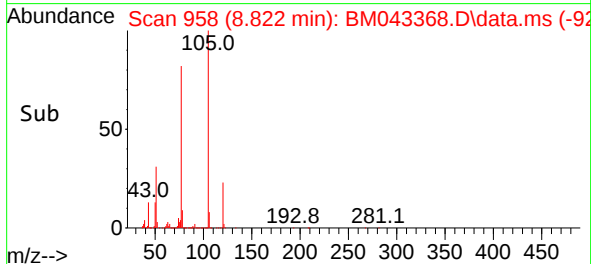
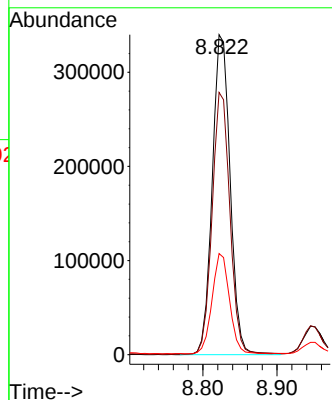
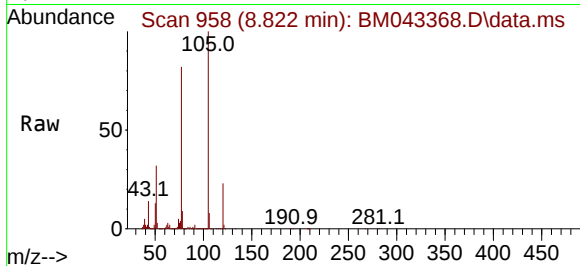




#16
Acetophenone
Concen: 9.514 ng/ul
RT: 8.822 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM043368.D
Acq: 15 Dec 2023 21:24

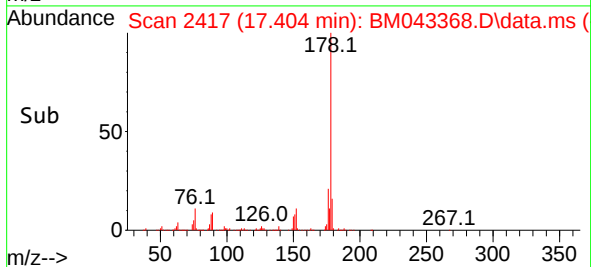
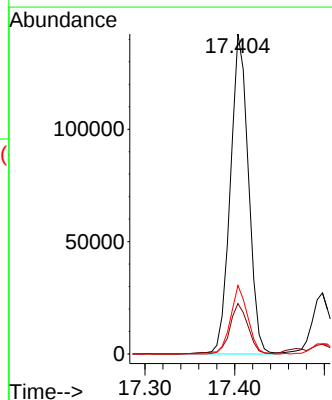
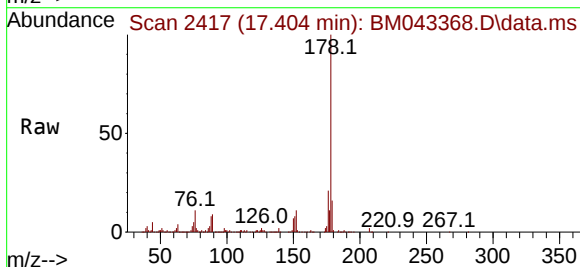
Instrument :
BNA_M
ClientSampleId :
BGRF7

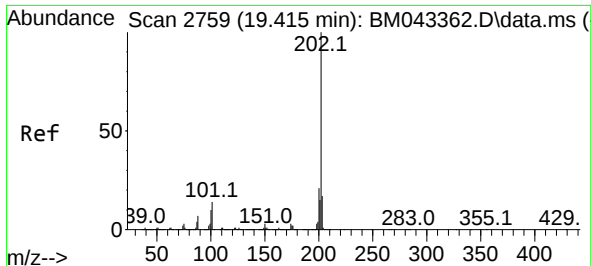
Tgt Ion:105 Resp: 569854
Ion Ratio Lower Upper
105 100
77 81.9 65.1 97.7
51 31.6 24.3 36.5



#72
Phenanthrene
Concen: 1.622 ng/ul
RT: 17.404 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BM043368.D
Acq: 15 Dec 2023 21:24

Tgt Ion:178 Resp: 199199
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.4
176 21.4 15.5 23.3

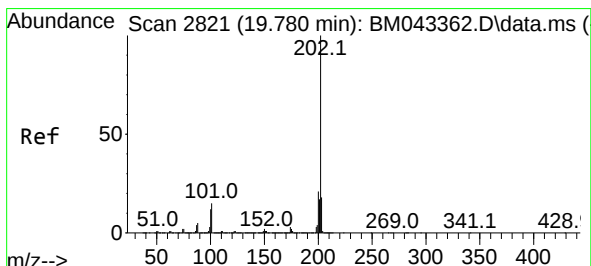
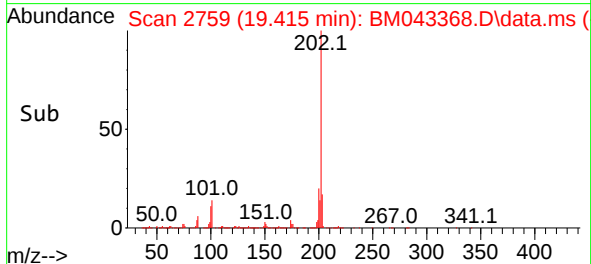
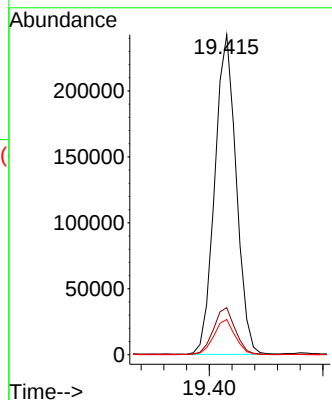
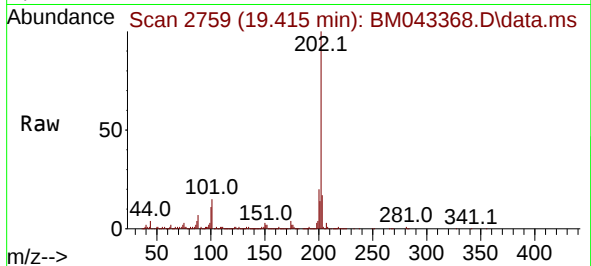




#80
Fluoranthene
Concen: 2.742 ng/ul
RT: 19.415 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM043368.D
Acq: 15 Dec 2023 21:24

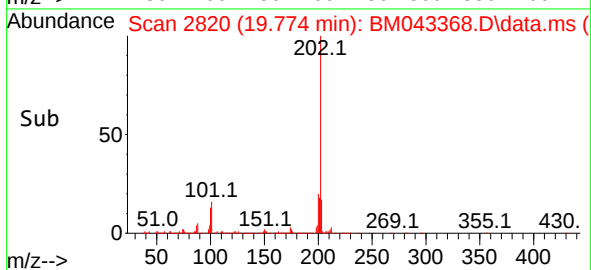
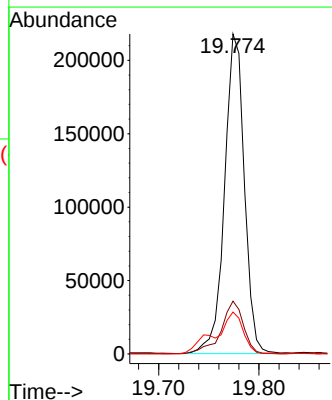
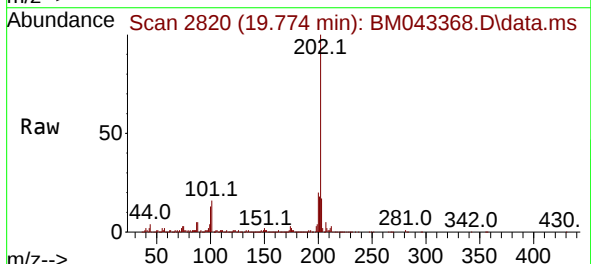
Instrument :
BNA_M
ClientSampleId :
BGRF7

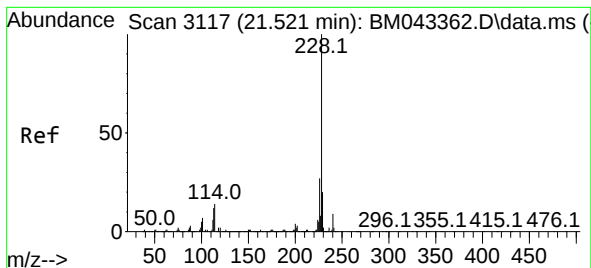
Tgt Ion:202 Resp: 317855
Ion Ratio Lower Upper
202 100
101 14.7 11.4 17.0
100 11.0 8.2 12.4



#82
Pyrene
Concen: 2.501 ng/ul
RT: 19.774 min Scan# 2820
Delta R.T. -0.006 min
Lab File: BM043368.D
Acq: 15 Dec 2023 21:24

Tgt Ion:202 Resp: 298019
Ion Ratio Lower Upper
202 100
101 16.5 12.7 19.1
100 13.1 10.1 15.1





#85

Benzo(a)anthracene

Concen: 1.555 ng/ul

RT: 21.521 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BM043368.D

Acq: 15 Dec 2023 21:24

Instrument :

BNA_M

ClientSampleId :

BGRF7

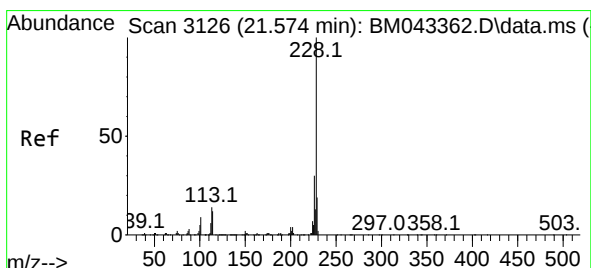
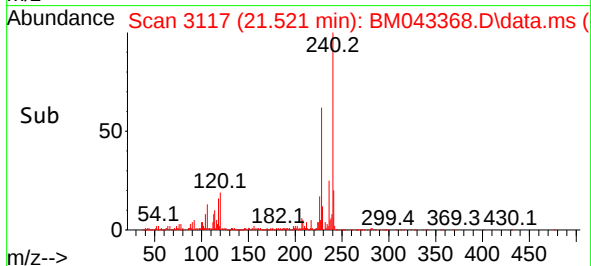
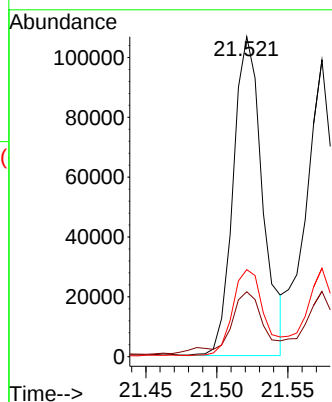
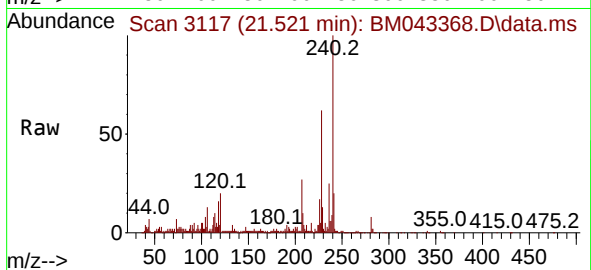
Tgt Ion:228 Resp: 154135

Ion Ratio Lower Upper

228 100

229 20.3 15.6 23.4

226 27.2 22.2 33.2



#87

Chrysene

Concen: 1.540 ng/ul

RT: 21.574 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BM043368.D

Acq: 15 Dec 2023 21:24

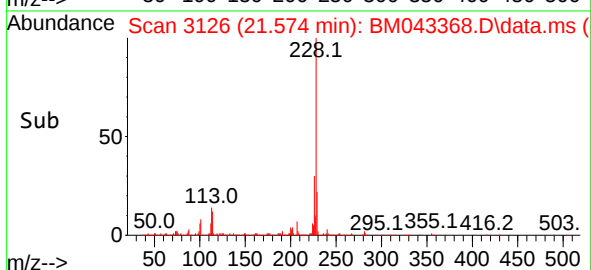
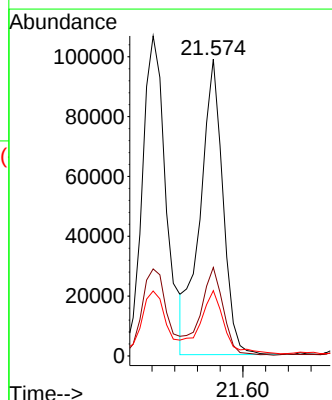
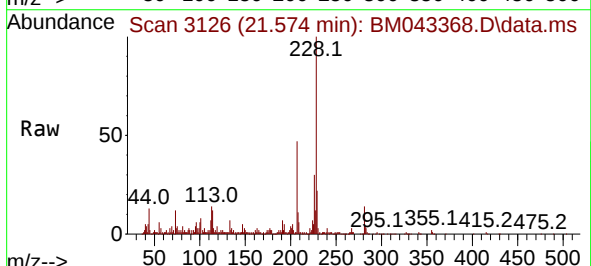
Tgt Ion:228 Resp: 137394

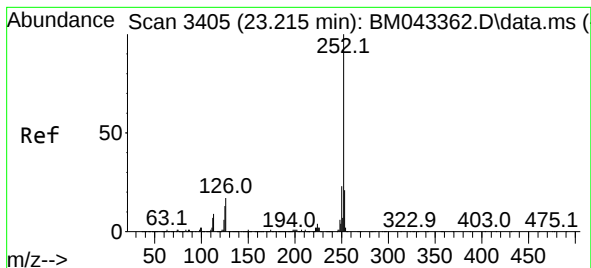
Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.2

229 22.0 15.9 23.9





#90

Benzo(b)fluoranthene

Concen: 1.752 ng/ul

RT: 23.221 min Scan# 3405

Delta R.T. 0.000 min

Lab File: BM043368.D

Acq: 15 Dec 2023 21:24

Instrument :

BNA_M

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BGRF7

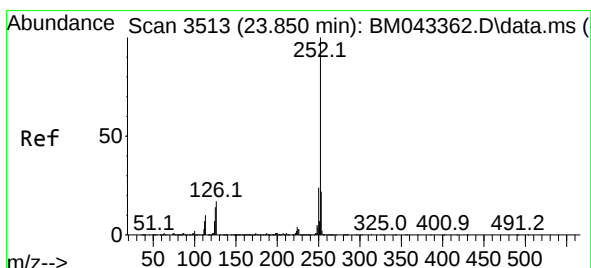
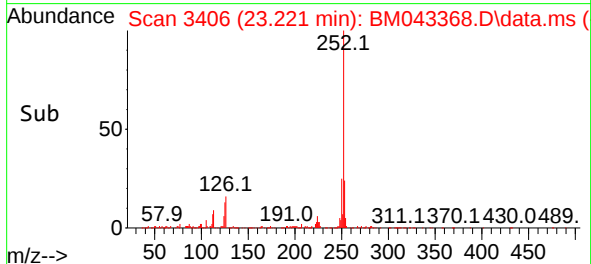
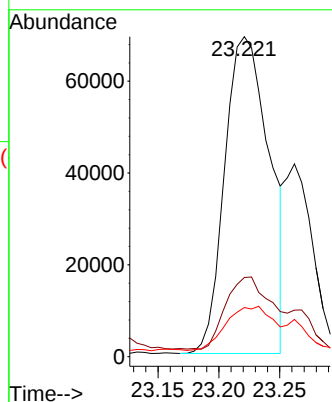
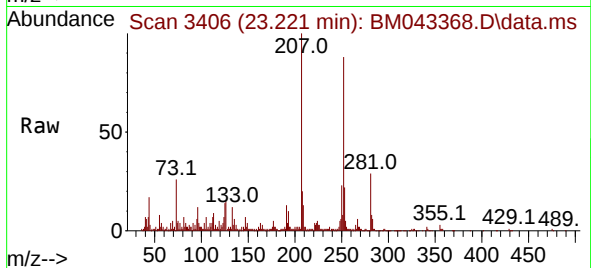
Tgt Ion:252 Resp: 176169

Ion Ratio Lower Upper

252 100

253 24.7 17.4 26.2

125 15.3 10.4 15.6



#93

Benzo(a)pyrene

Concen: 1.388 ng/ul

RT: 23.850 min Scan# 3513

Delta R.T. 0.000 min

Lab File: BM043368.D

Acq: 15 Dec 2023 21:24

Tgt Ion:252 Resp: 127375

Ion Ratio Lower Upper

252 100

253 23.8 17.9 26.9

125 16.0 11.4 17.2

