

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
 Data File : BM043369.D
 Acq On : 15 Dec 2023 22:00
 Operator : MA/JU
 Sample : 05794-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGRF8

Quant Time: Dec 15 22:59:54 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)

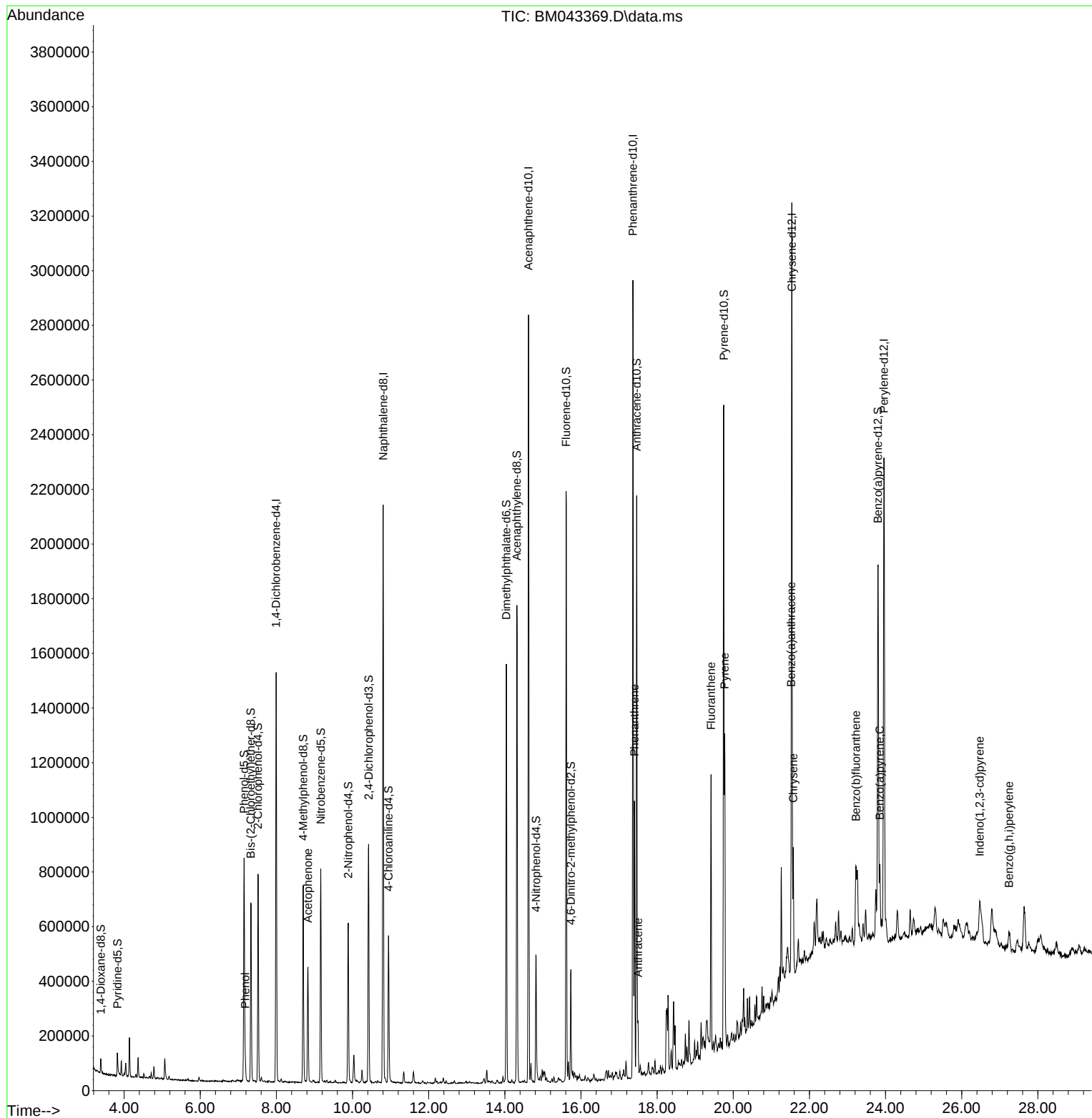
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	385839	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	1694010	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.621	164	905522	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.363	188	1595827	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1137847	20.000	ng/u1	0.00
88) Perylene-d12	23.956	264	1272351	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	23786	2.004	ng/uL	0.00
4) Pyridine-d5	3.822	84	47600	1.393	ng/u1	0.02
7) Phenol-d5	7.151	99	436676	9.949	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	306035	11.009	ng/u1	0.00
11) 2-Chlorophenol-d4	7.516	132	343640	10.254	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	266682	7.830	ng/u1	0.00
21) Nitrobenzene-d5	9.163	128	174923	10.673	ng/u1	0.00
24) 2-Nitrophenol-d4	9.887	143	173005	10.216	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	301518	10.086	ng/u1	0.00
31) 4-Chloroaniline-d4	10.945	131	286837	6.522	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	926758	11.369	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	1119610	11.578	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	101318	6.567	ng/u1	0.00
60) Fluorene-d10	15.610	176	808471	11.994	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	64108	6.074	ng/u1	0.00
73) Anthracene-d10	17.462	188	1069159	11.946	ng/u1	0.00
81) Pyrene-d10	19.751	212	1096556	12.207	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.797	264	979961	12.481	ng/u1	0.00
Target Compounds						Qvalue
8) Phenol	7.181	94	45903	1.063	ng/u1	99
16) Acetophenone	8.828	105	217216	4.166	ng/u1	99
72) Phenanthrene	17.404	178	573100	5.299	ng/u1	99
74) Anthracene	17.498	178	111110	1.018	ng/u1	99
80) Fluoranthene	19.415	202	529015	4.755	ng/u1	99
82) Pyrene	19.774	202	627129	5.484	ng/u1	97
85) Benzo(a)anthracene	21.521	228	248737	2.614	ng/u1	98
87) Chrysene	21.574	228	232113	2.712	ng/u1	98
90) Benzo(b)fluoranthene	23.221	252	259061	2.657	ng/u1#	93
93) Benzo(a)pyrene	23.850	252	195423	2.197	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.474	276	120813	1.137	ng/u1	98
96) Benzo(g,h,i)perylene	27.244	276	83353	1.001	ng/u1	99

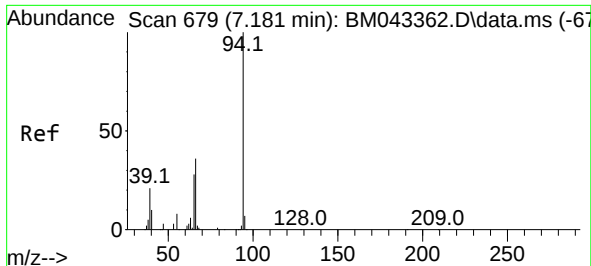
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
Data File : BM043369.D
Acq On : 15 Dec 2023 22:00
Operator : MA/JU
Sample : 05794-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGRF8

Quant Time: Dec 15 22:59:54 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

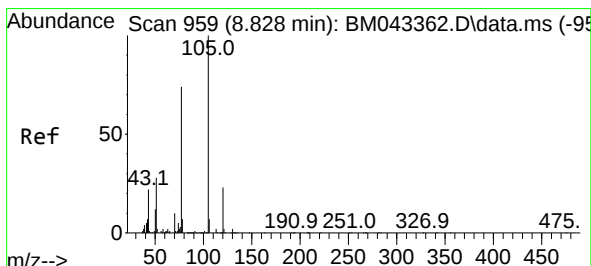
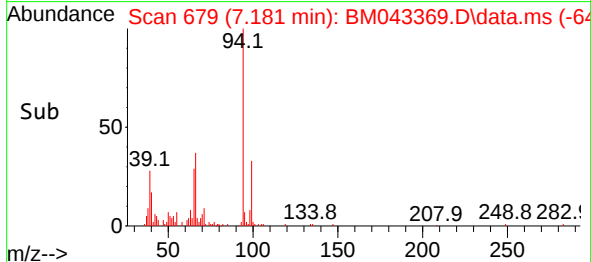
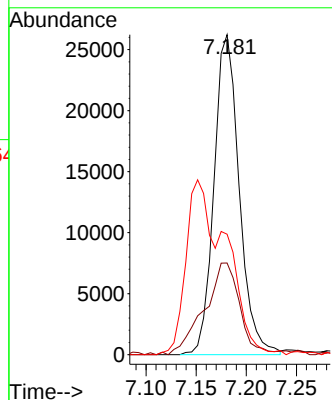
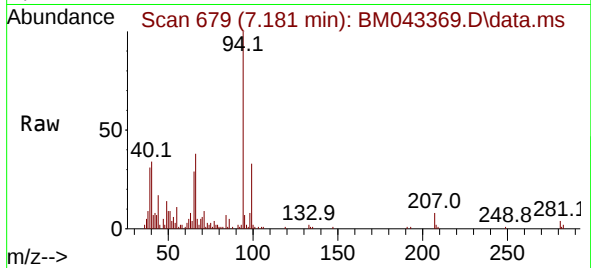




#8
Phenol
Concen: 1.063 ng/ul
RT: 7.181 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM043369.D
Acq: 15 Dec 2023 22:00

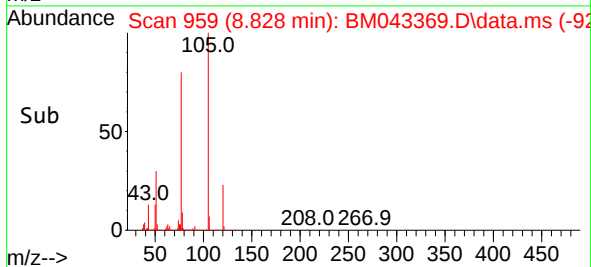
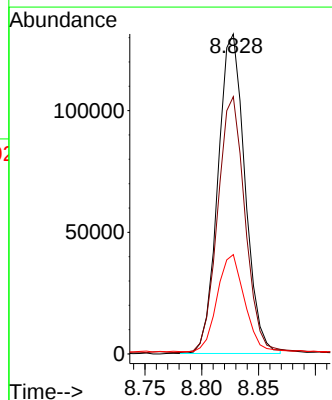
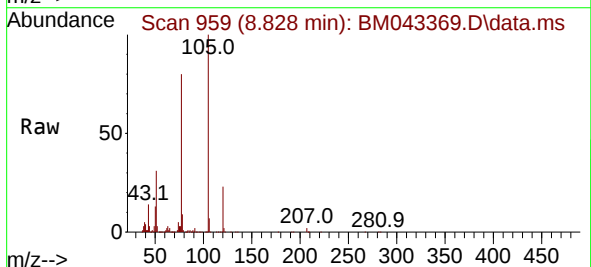
Instrument :
BNA_M
ClientSampleId :
BGRF8

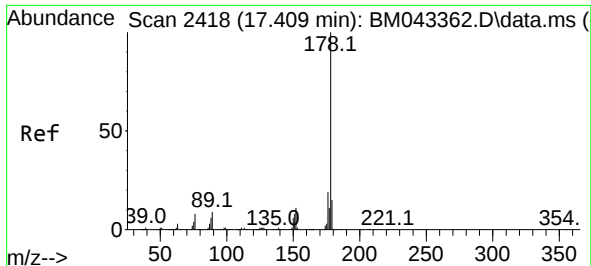
Tgt Ion: 94 Resp: 45903
Ion Ratio Lower Upper
94 100
65 28.6 23.7 35.5
66 37.7 30.2 45.4



#16
Acetophenone
Concen: 4.166 ng/ul
RT: 8.828 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM043369.D
Acq: 15 Dec 2023 22:00

Tgt Ion: 105 Resp: 217216
Ion Ratio Lower Upper
105 100
77 80.4 65.1 97.7
51 31.0 24.3 36.5

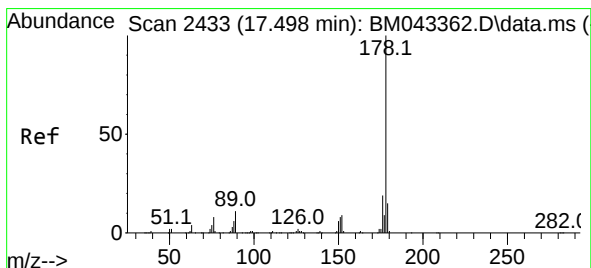
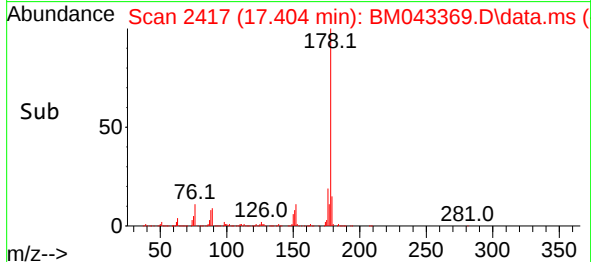
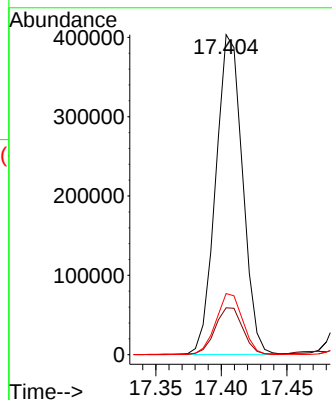
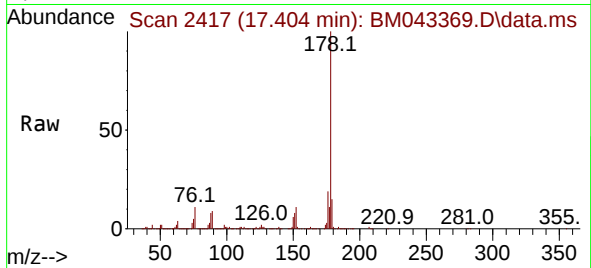




#72
Phenanthrene
Concen: 5.299 ng/ul
RT: 17.404 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM043369.D
Acq: 15 Dec 2023 22:00

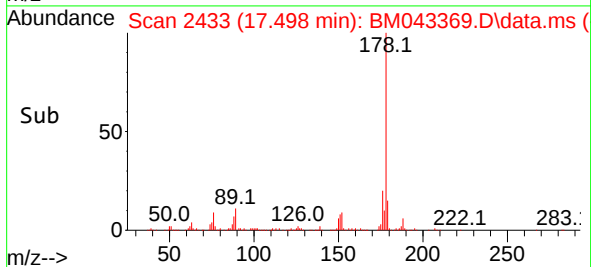
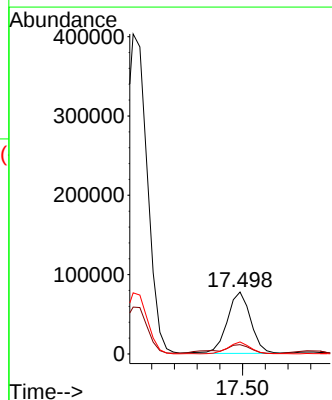
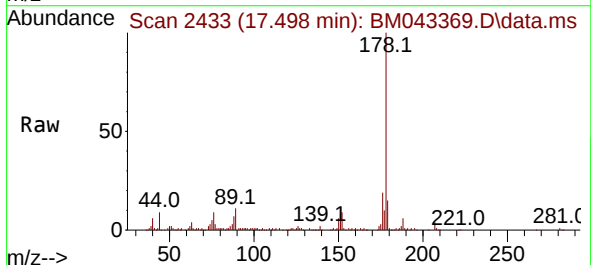
Instrument :
BNA_M
ClientSampleId :
BGRF8

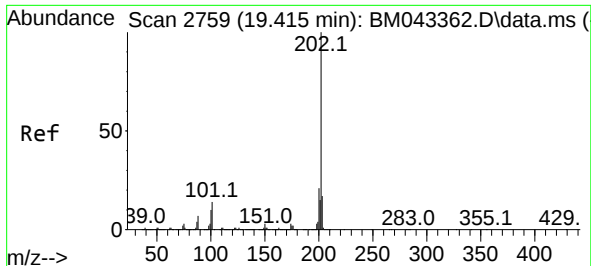
Tgt Ion:178 Resp: 573100
Ion Ratio Lower Upper
178 100
179 14.6 12.2 18.4
176 19.1 15.5 23.3



#74
Anthracene
Concen: 1.018 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BM043369.D
Acq: 15 Dec 2023 22:00

Tgt Ion:178 Resp: 111110
Ion Ratio Lower Upper
178 100
179 15.1 12.4 18.6
176 19.5 15.2 22.8

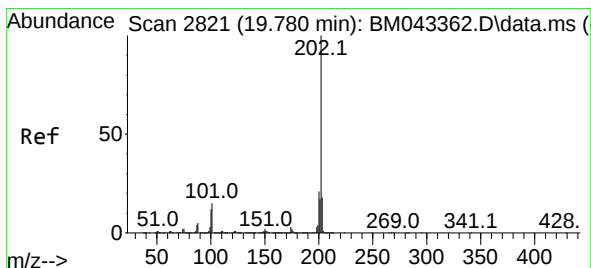
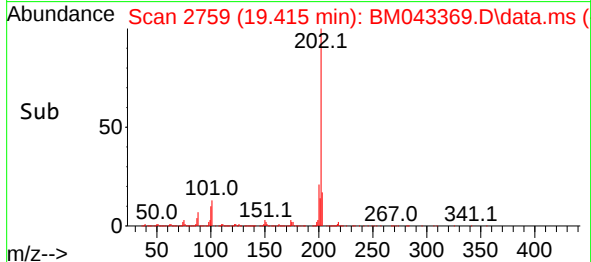
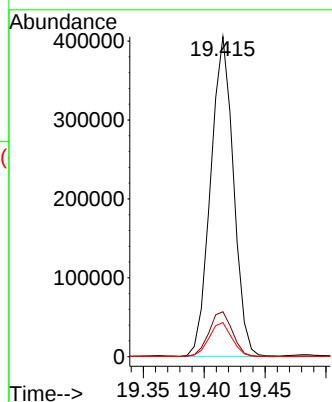
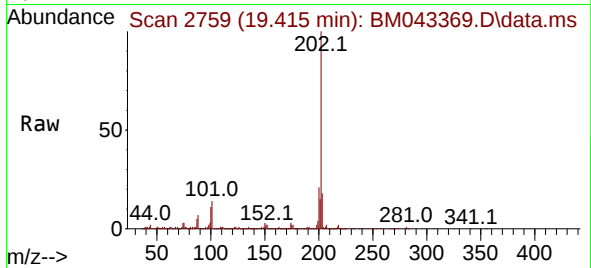




#80
Fluoranthene
Concen: 4.755 ng/ul
RT: 19.415 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM043369.D
Acq: 15 Dec 2023 22:00

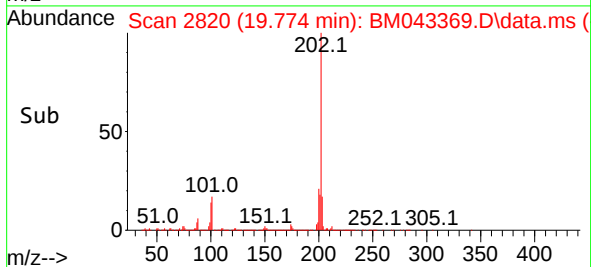
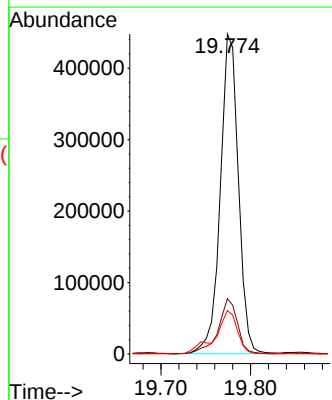
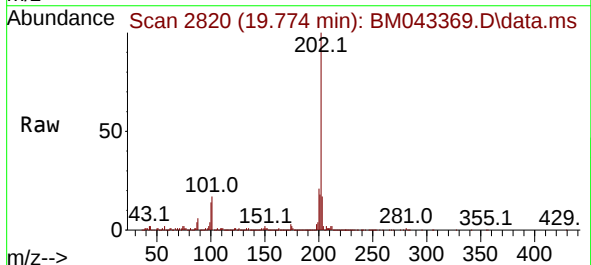
Instrument :
BNA_M
ClientSampleId :
BGRF8

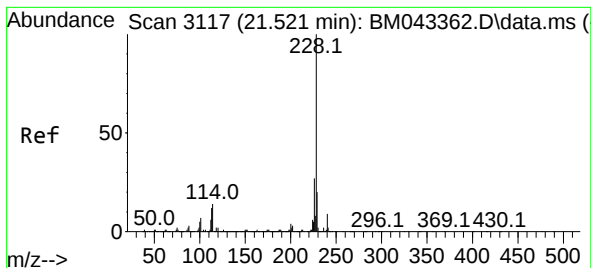
Tgt Ion:202 Resp: 529015
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.0
100 10.6 8.2 12.4



#82
Pyrene
Concen: 5.484 ng/ul
RT: 19.774 min Scan# 2820
Delta R.T. -0.006 min
Lab File: BM043369.D
Acq: 15 Dec 2023 22:00

Tgt Ion:202 Resp: 627129
Ion Ratio Lower Upper
202 100
101 17.3 12.7 19.1
100 13.6 10.1 15.1





#85

Benzo(a)anthracene

Concen: 2.614 ng/ul

RT: 21.521 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BM043369.D

Acq: 15 Dec 2023 22:00

Instrument :

BNA_M

ClientSampleId :

BGRF8

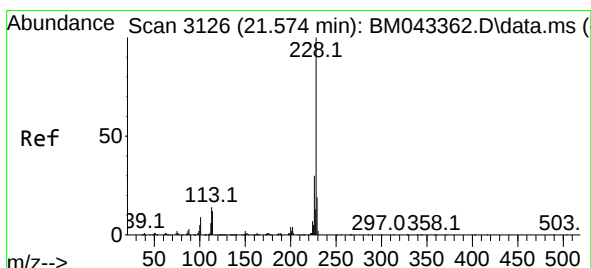
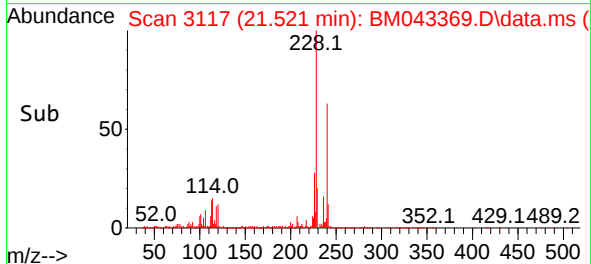
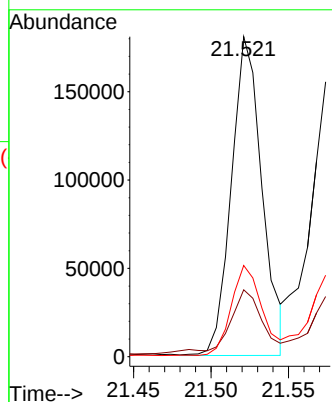
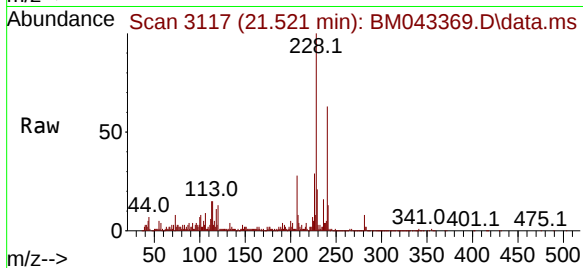
Tgt Ion:228 Resp: 248737

Ion Ratio Lower Upper

228 100

229 20.9 15.6 23.4

226 28.5 22.2 33.2



#87

Chrysene

Concen: 2.712 ng/ul

RT: 21.574 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BM043369.D

Acq: 15 Dec 2023 22:00

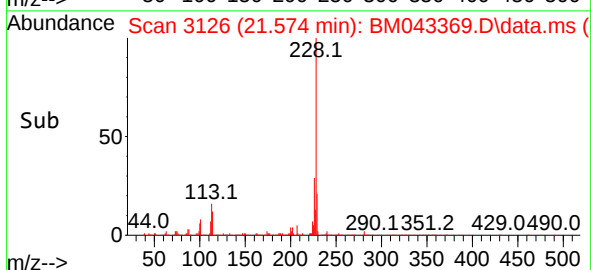
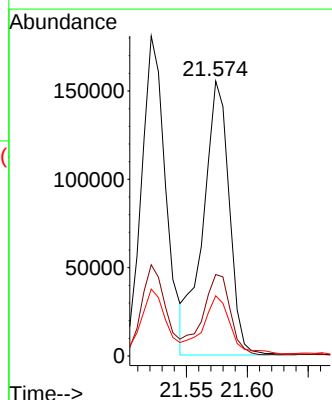
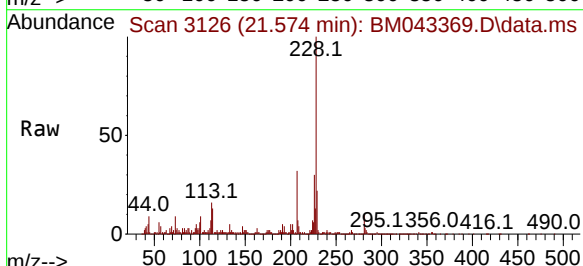
Tgt Ion:228 Resp: 232113

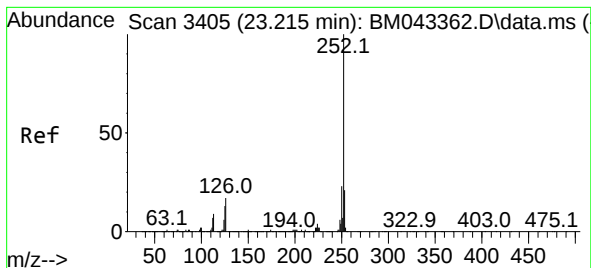
Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.2

229 21.9 15.9 23.9





#90

Benzo(b)fluoranthene

Concen: 2.657 ng/u1

RT: 23.221 min Scan# 3405

Delta R.T. 0.000 min

Lab File: BM043369.D

Acq: 15 Dec 2023 22:00

Instrument :

BNA_M

ClientSampleId :

BGRF8

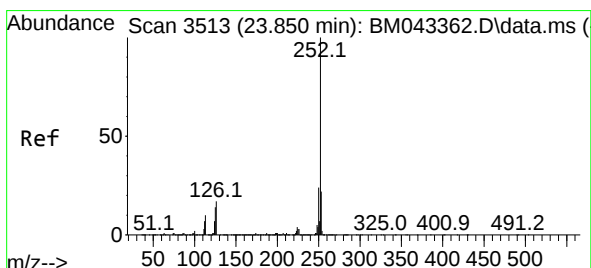
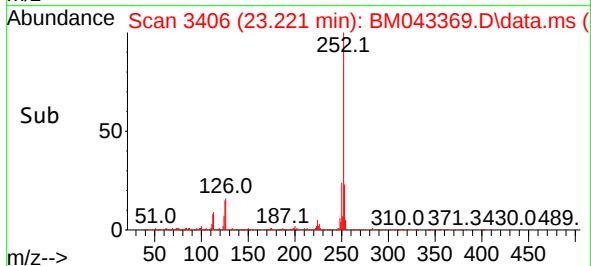
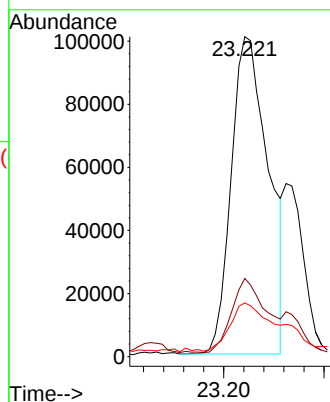
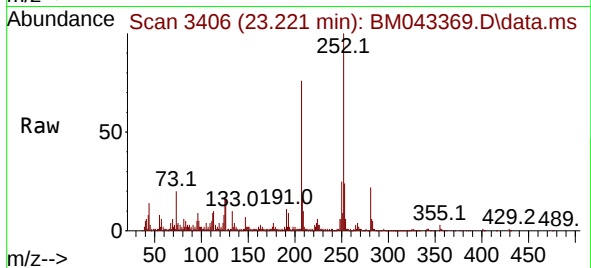
Tgt Ion:252 Resp: 259061

Ion Ratio Lower Upper

252 100

253 24.4 17.4 26.2

125 16.8 10.4 15.6#



#93

Benzo(a)pyrene

Concen: 2.197 ng/u1

RT: 23.850 min Scan# 3513

Delta R.T. 0.000 min

Lab File: BM043369.D

Acq: 15 Dec 2023 22:00

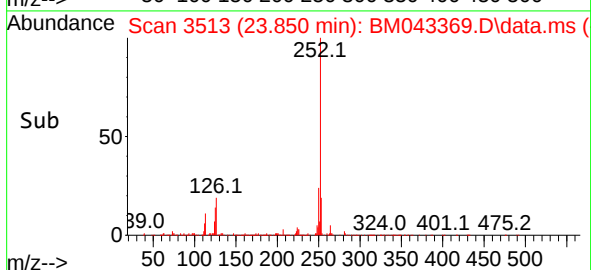
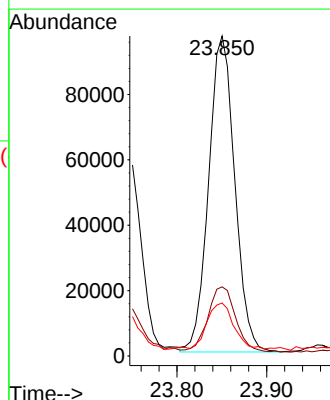
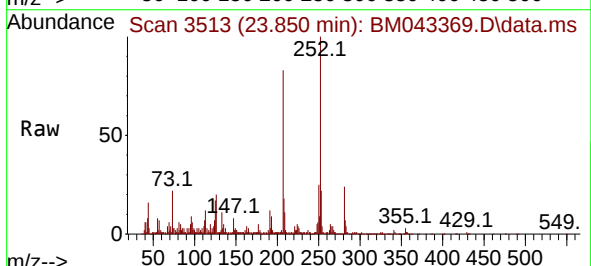
Tgt Ion:252 Resp: 195423

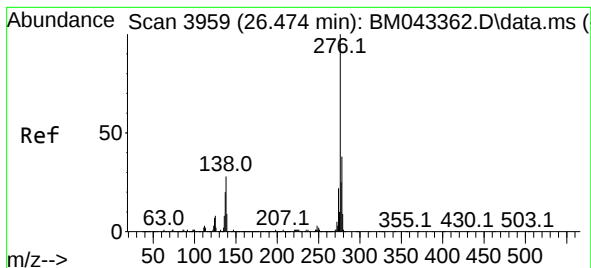
Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

125 16.5 11.4 17.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.137 ng/ul

RT: 26.474 min Scan# 3959

Delta R.T. -0.006 min

Lab File: BM043369.D

Acq: 15 Dec 2023 22:00

Instrument :

BNA_M

ClientSampleId :

BGRF8

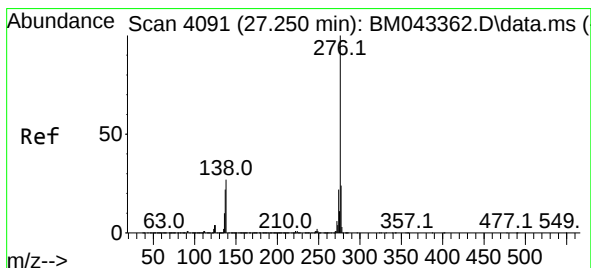
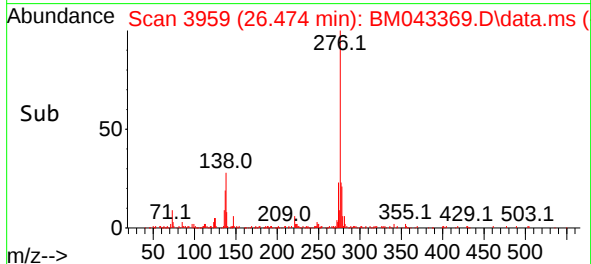
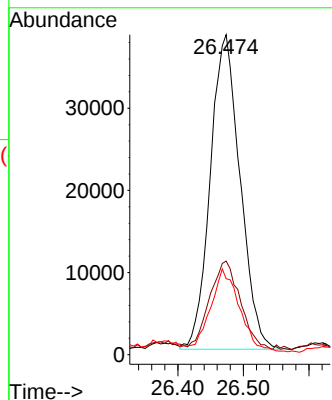
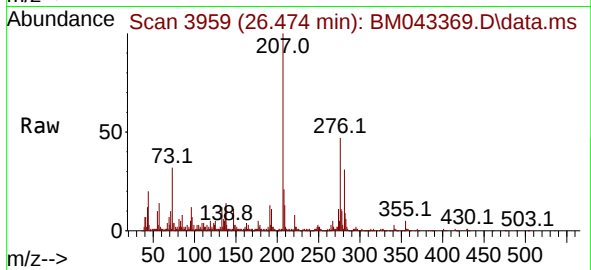
Tgt Ion:276 Resp: 120813

Ion Ratio Lower Upper

276 100

138 29.2 22.6 34.0

277 23.7 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 1.001 ng/ul

RT: 27.244 min Scan# 4090

Delta R.T. -0.006 min

Lab File: BM043369.D

Acq: 15 Dec 2023 22:00

Tgt Ion:276 Resp: 83353

Ion Ratio Lower Upper

276 100

138 27.6 22.4 33.6

277 23.0 19.1 28.7

