

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043391.D
 Acq On : 18 Dec 2023 13:53
 Operator : MA/JU
 Sample : 05626-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCLF2

Quant Time: Dec 19 00:27:43 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)

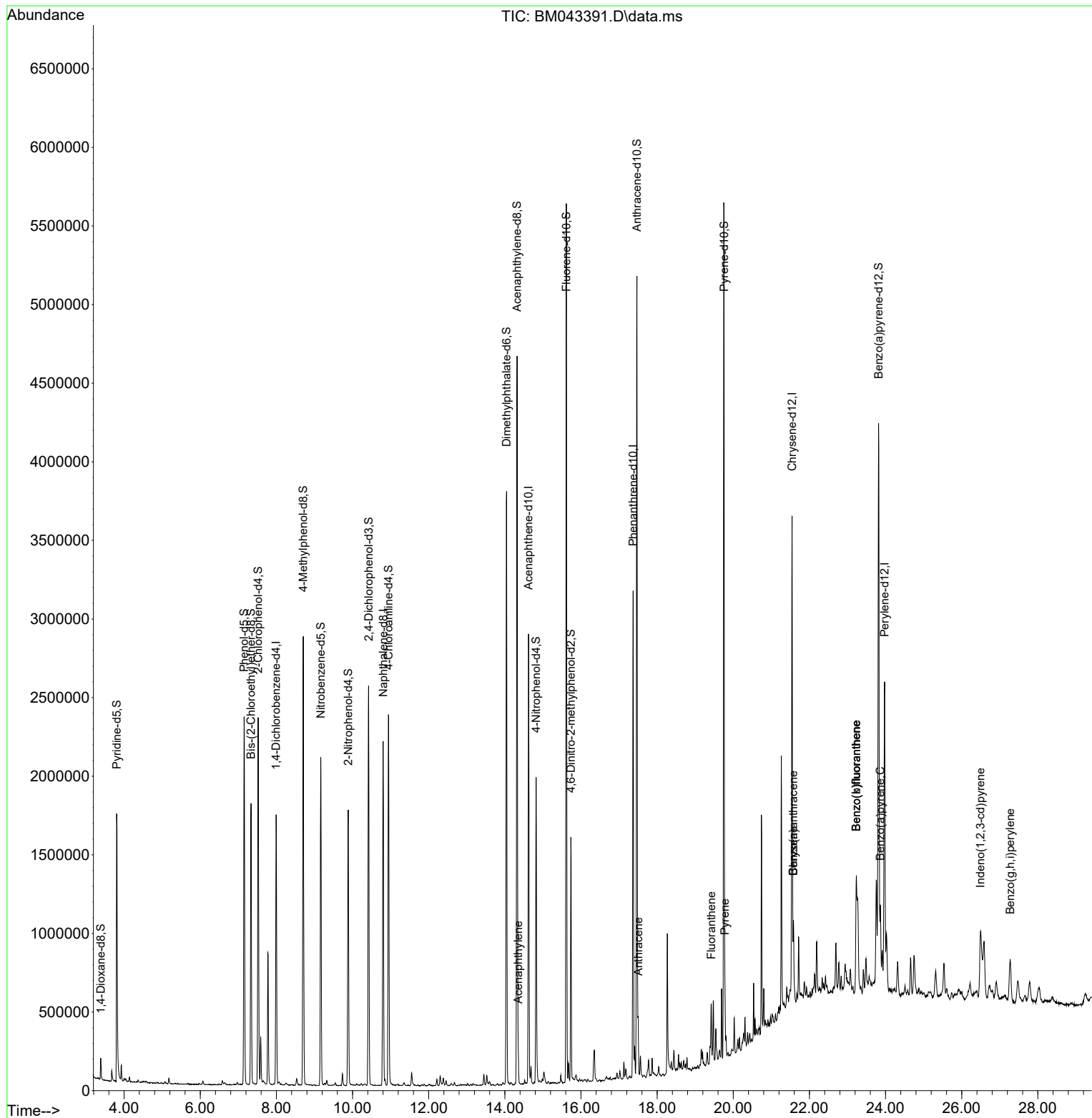
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	429176	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	1814975	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.621	164	931180	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	1606832	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1176863	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	1326011	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	58120	4.401	ng/uL	0.00
4) Pyridine-d5	3.805	84	906120	23.842	ng/u1	0.00
7) Phenol-d5	7.151	99	1284939	26.319	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	820366	26.532	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	980733	26.309	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	1011406	26.696	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	499647	28.453	ng/u1	0.00
24) 2-Nitrophenol-d4	9.887	143	520917	28.710	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	863094	26.947	ng/u1	0.00
31) 4-Chloroaniline-d4	10.945	131	1240282	26.321	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	2391994	28.535	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	2944000	29.606	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	407908	25.710	ng/u1	0.00
60) Fluorene-d10	15.616	176	2013293	29.045	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	244092	22.969	ng/u1	0.00
73) Anthracene-d10	17.468	188	2625894	29.139	ng/u1	0.00
81) Pyrene-d10	19.756	212	2649920	28.521	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	2461504	30.081	ng/u1	0.01
Target Compounds						Qvalue
50) Acenaphthylene	14.351	152	144922	1.269	ng/u1	99
74) Anthracene	17.504	178	207396	1.887	ng/u1	98
80) Fluoranthene	19.421	202	184963	1.608	ng/u1	98
82) Pyrene	19.780	202	216026	1.826	ng/u1	97
85) Benzo(a)anthracene	21.580	228	280906	2.854	ng/u1	95
87) Chrysene	21.580	228	278645	3.147	ng/u1	98
90) Benzo(b)fluoranthene	23.233	252	583025	5.738	ng/u1	97
91) Benzo(k)fluoranthene	23.233	252	583025	5.883	ng/u1	97
93) Benzo(a)pyrene	23.862	252	363789	3.924	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.491	276	384275	3.471	ng/u1	99
96) Benzo(g,h,i)perylene	27.274	276	339475	3.912	ng/u1	99

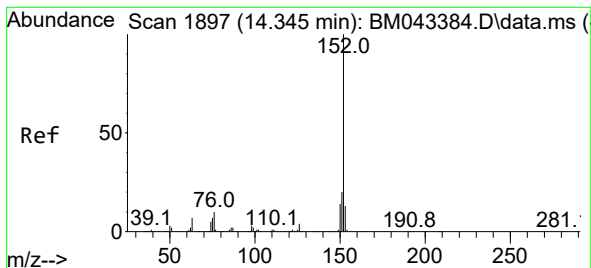
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration





#50

Acenaphthylene

Concen: 1.269 ng/ul

RT: 14.351 min Scan# 1897

Delta R.T. 0.000 min

Lab File: BM043391.D

Acq: 18 Dec 2023 13:53

Instrument :

BNA_M

ClientSampleId :

DCLF2

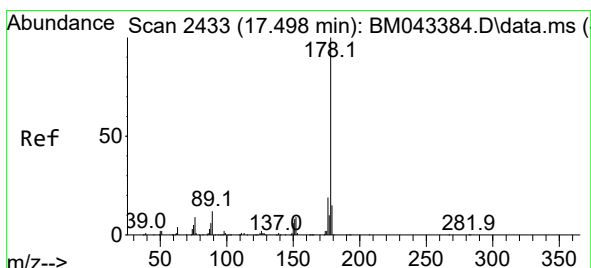
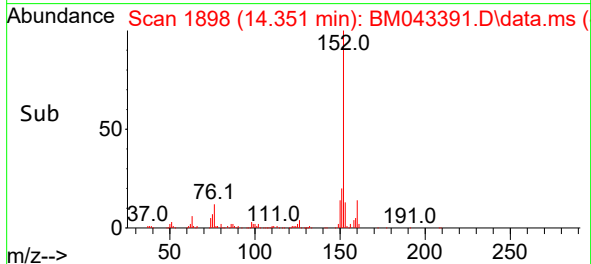
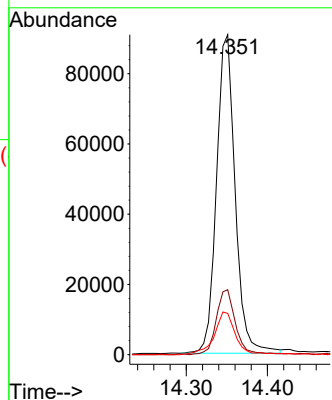
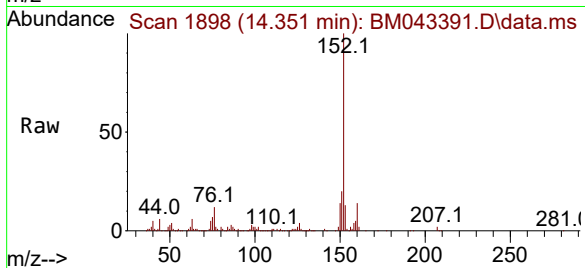
Tgt Ion:152 Resp: 144922

Ion Ratio Lower Upper

152 100

151 20.3 15.6 23.4

153 12.9 10.2 15.4



#74

Anthracene

Concen: 1.887 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BM043391.D

Acq: 18 Dec 2023 13:53

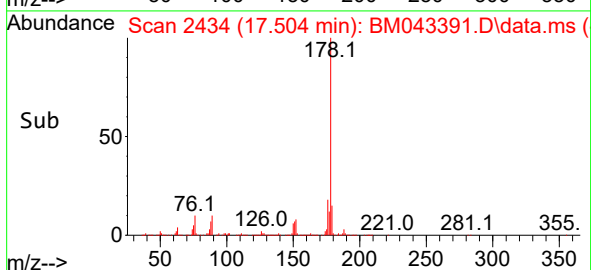
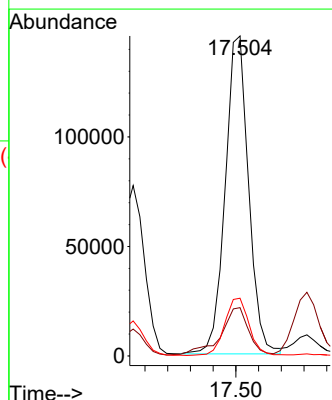
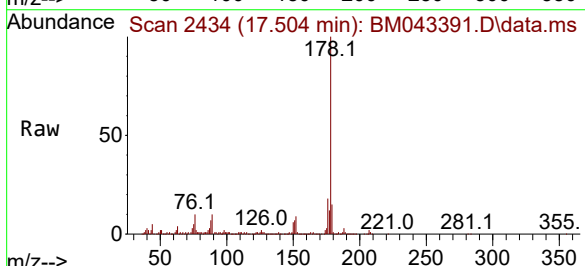
Tgt Ion:178 Resp: 207396

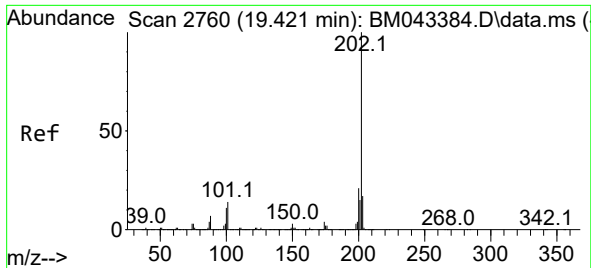
Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

176 18.0 15.2 22.8

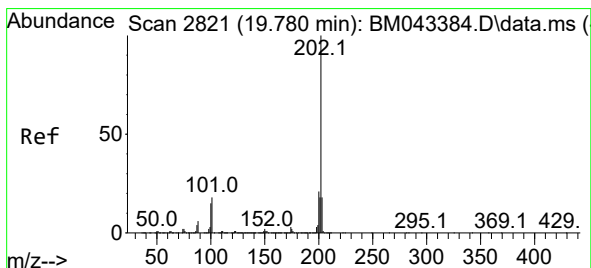
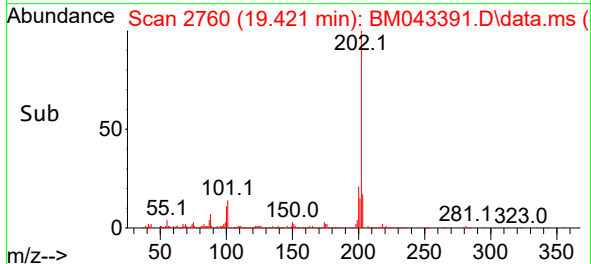
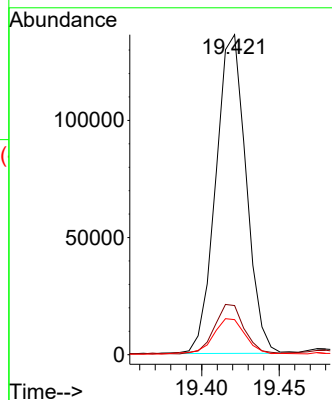
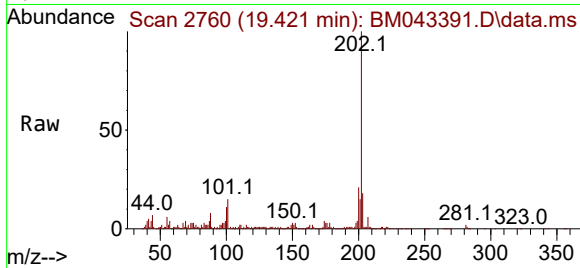




#80
Fluoranthene
Concen: 1.608 ng/ul
RT: 19.421 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM043391.D
Acq: 18 Dec 2023 13:53

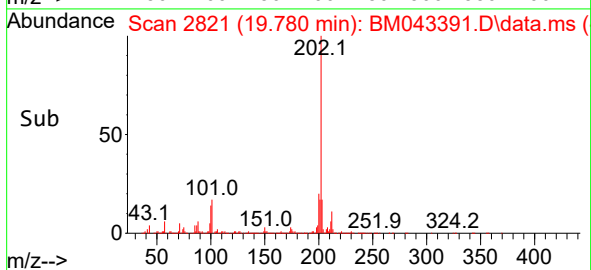
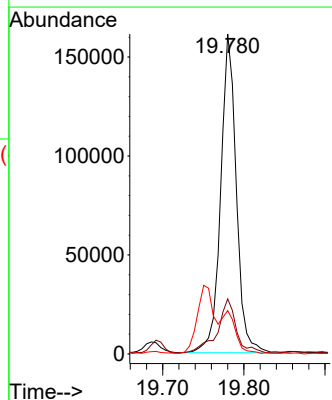
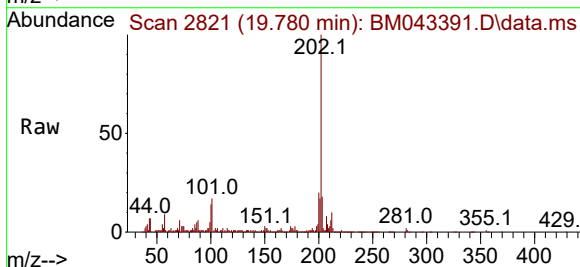
Instrument :
BNA_M
ClientSampleId :
DCLF2

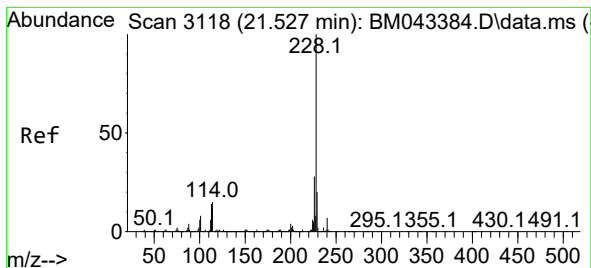
Tgt Ion:202 Resp: 184963
Ion Ratio Lower Upper
202 100
101 15.3 11.4 17.0
100 10.9 8.2 12.4



#82
Pyrene
Concen: 1.826 ng/ul
RT: 19.780 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM043391.D
Acq: 18 Dec 2023 13:53

Tgt Ion:202 Resp: 216026
Ion Ratio Lower Upper
202 100
101 17.2 12.7 19.1
100 13.6 10.1 15.1





#85

Benzo(a)anthracene

Concen: 2.854 ng/ul

RT: 21.580 min Scan# 3118

Delta R.T. 0.059 min

Lab File: BM043391.D

Acq: 18 Dec 2023 13:53

Instrument :

BNA_M

ClientSampleId :

DCLF2

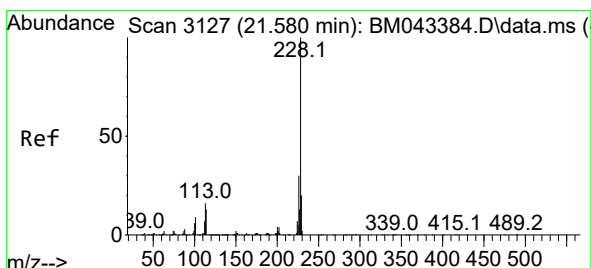
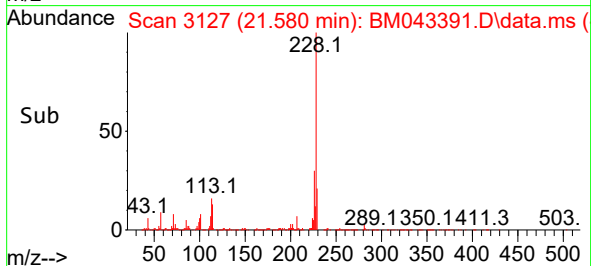
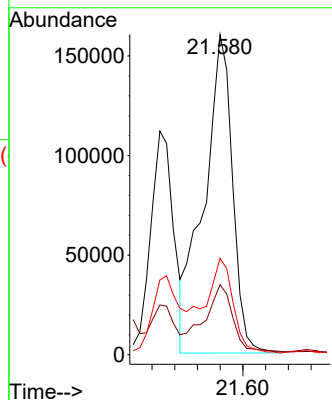
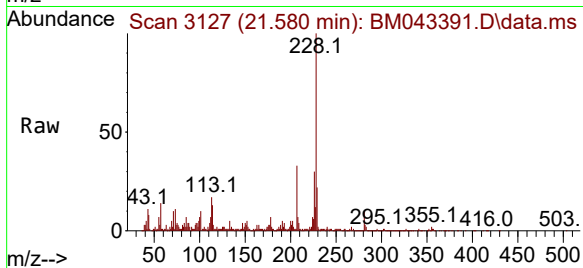
Tgt Ion:228 Resp: 280906

Ion Ratio Lower Upper

228 100

229 21.9 15.6 23.4

226 30.1 22.2 33.2



#87

Chrysene

Concen: 3.147 ng/ul

RT: 21.580 min Scan# 3127

Delta R.T. 0.006 min

Lab File: BM043391.D

Acq: 18 Dec 2023 13:53

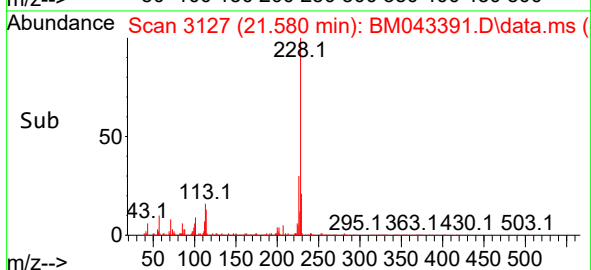
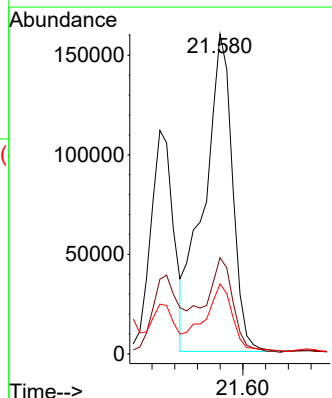
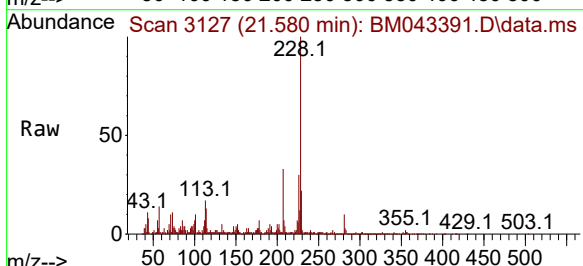
Tgt Ion:228 Resp: 278645

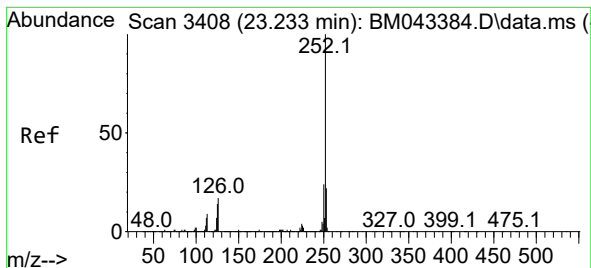
Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

229 21.9 15.9 23.9





#90

Benzo(b)fluoranthene

Concen: 5.738 ng/ul

RT: 23.233 min Scan# 3408

Delta R.T. 0.012 min

Lab File: BM043391.D

Acq: 18 Dec 2023 13:53

Instrument :

BNA_M

ClientSampleId :

DCLF2

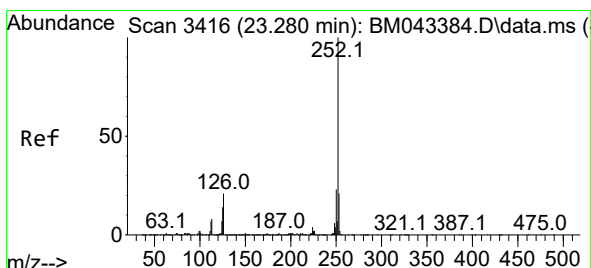
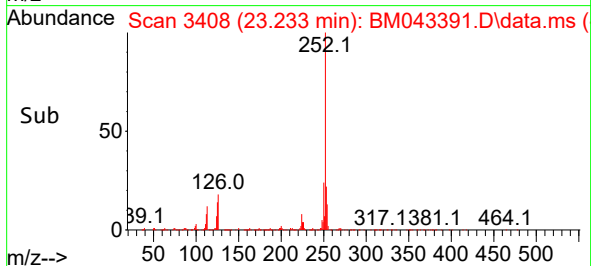
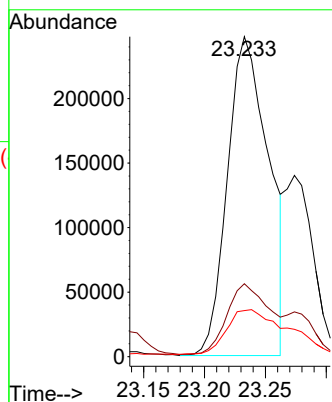
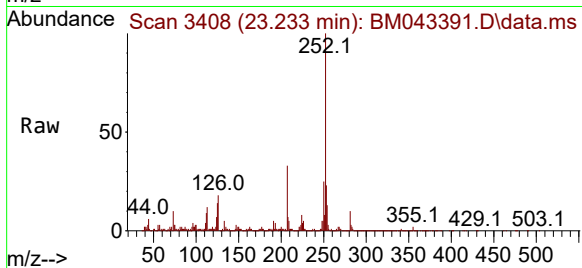
Tgt Ion:252 Resp: 583025

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 14.4 10.4 15.6



#91

Benzo(k)fluoranthene

Concen: 5.883 ng/ul

RT: 23.233 min Scan# 3408

Delta R.T. -0.035 min

Lab File: BM043391.D

Acq: 18 Dec 2023 13:53

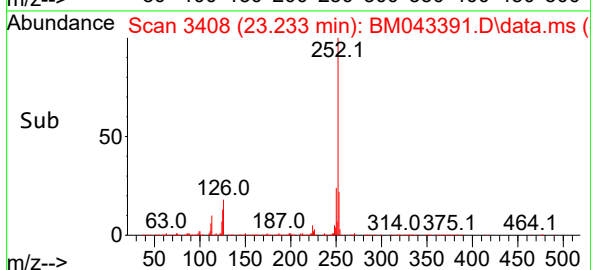
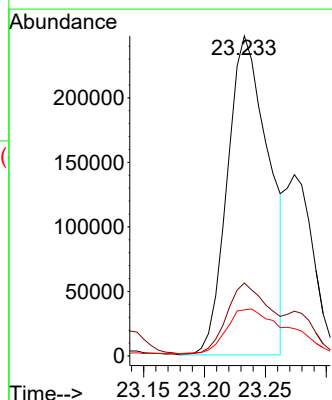
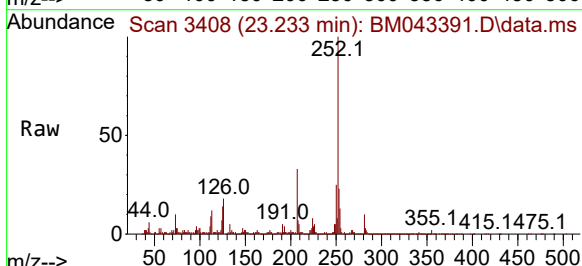
Tgt Ion:252 Resp: 583025

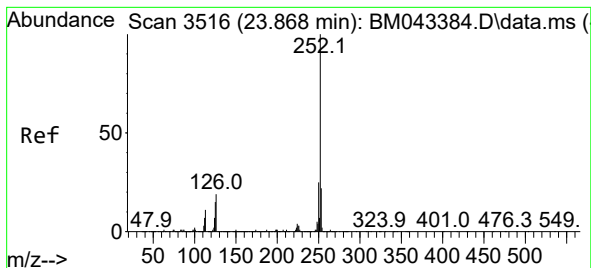
Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 14.4 10.2 15.4





#93

Benzo(a)pyrene

Concen: 3.924 ng/ul

RT: 23.862 min Scan# 3

Delta R.T. 0.012 min

Lab File: BM043391.D

Acq: 18 Dec 2023 13:53

Instrument :

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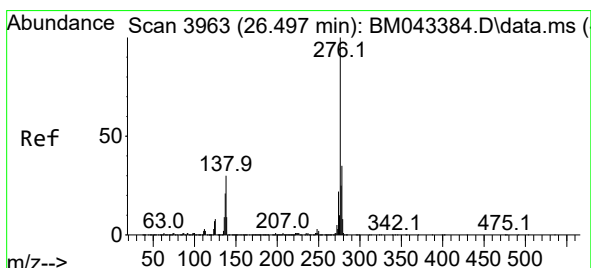
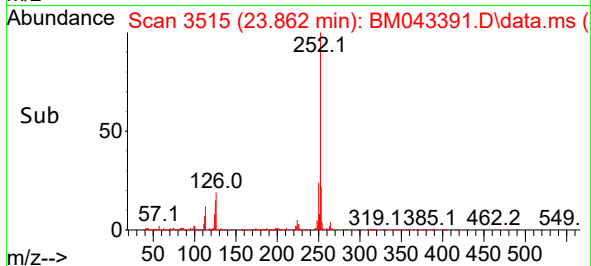
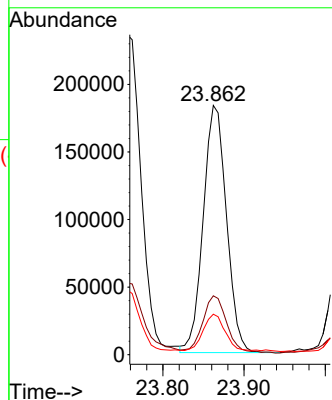
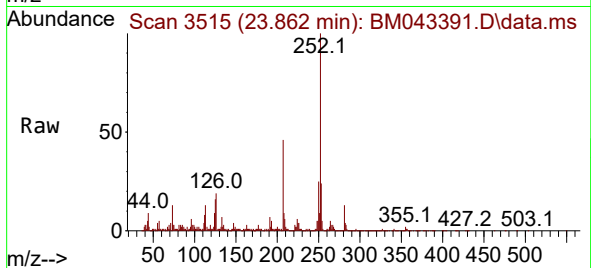
Tgt Ion:252 Resp: 363789

Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

125 16.2 11.4 17.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.471 ng/ul

RT: 26.491 min Scan# 3962

Delta R.T. 0.012 min

Lab File: BM043391.D

Acq: 18 Dec 2023 13:53

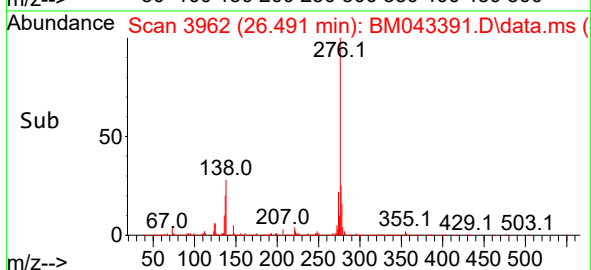
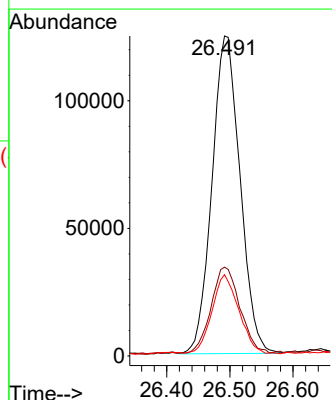
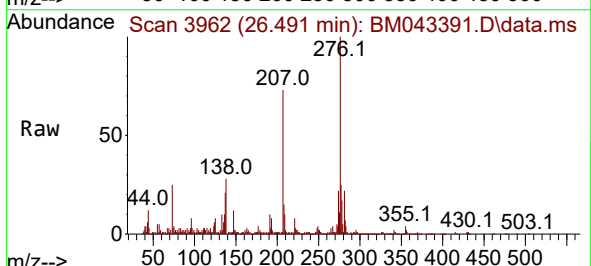
Tgt Ion:276 Resp: 384275

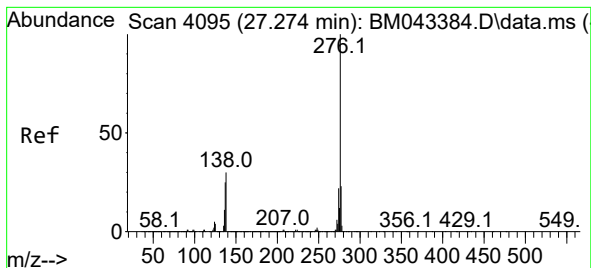
Ion Ratio Lower Upper

276 100

138 27.8 22.6 34.0

277 25.4 19.7 29.5





#96

Benzo(g,h,i)perylene

Concen: 3.912 ng/ul

RT: 27.274 min Scan# 40

Delta R.T. 0.024 min

Lab File: BM043391.D

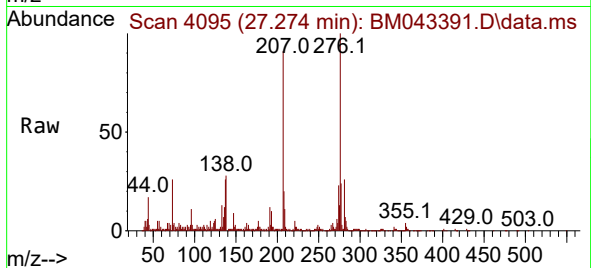
Acq: 18 Dec 2023 13:53

Instrument :

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Tgt Ion:276 Resp: 339475

Ion Ratio Lower Upper

276 100

138 28.5 22.4 33.6

277 23.9 19.1 28.7

