

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043393.D
 Acq On : 18 Dec 2023 15:06
 Operator : MA/JU
 Sample : 05626-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCLF7

Quant Time: Dec 19 00:28:11 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

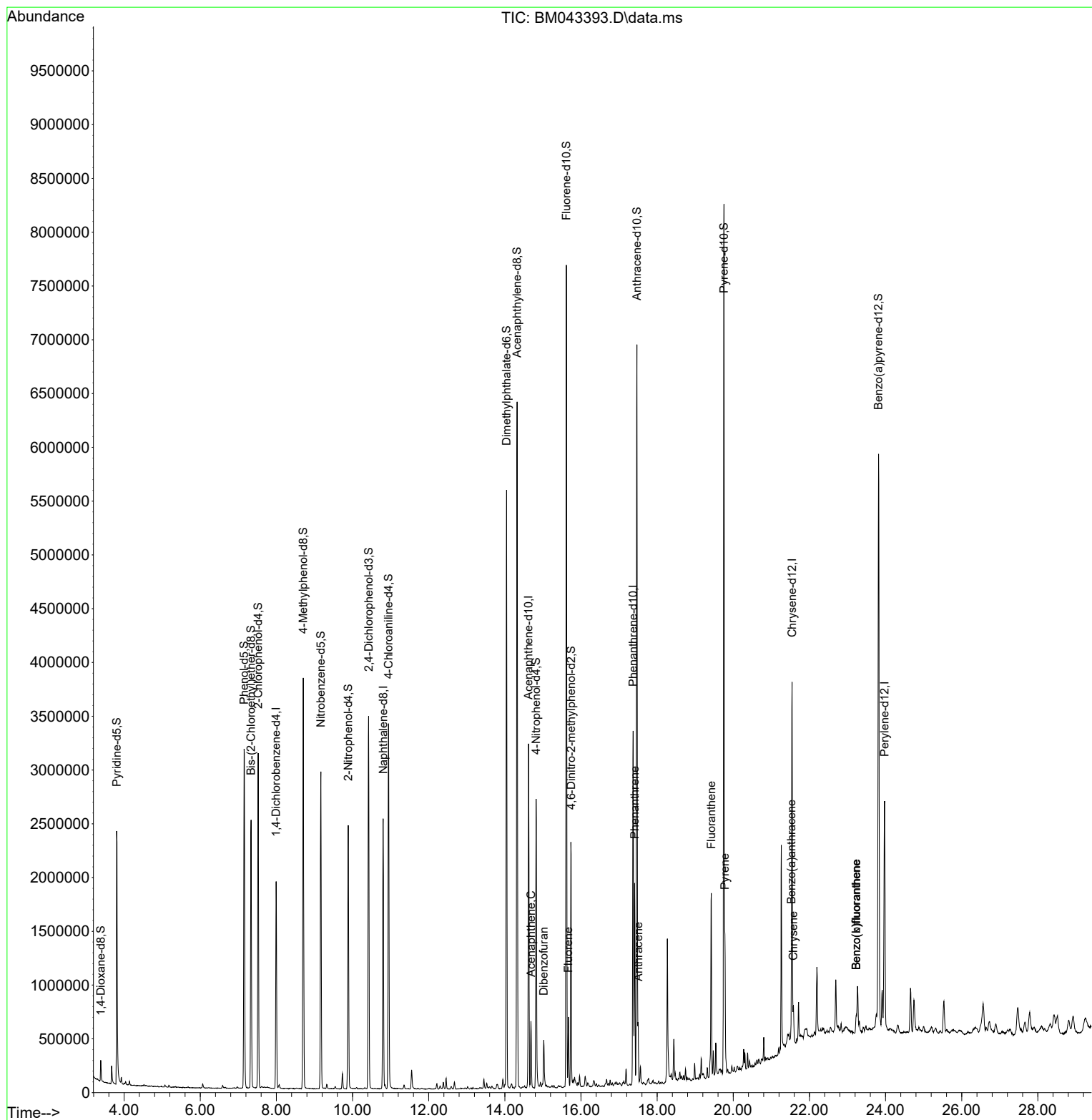
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	497280	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	2085180	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.622	164	1047595	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	1823238	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1356630	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	1565011	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	86546	5.656	ng/uL	0.00
4) Pyridine-d5	3.805	84	1248266	28.346	ng/u1	0.00
7) Phenol-d5	7.151	99	1787894	31.605	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	1142783	31.898	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	1371217	31.747	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	1383085	31.507	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	695266	34.463	ng/u1	0.00
24) 2-Nitrophenol-d4	9.887	143	735431	35.281	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	1188096	32.287	ng/u1	0.00
31) 4-Chloroaniline-d4	10.945	131	1756041	32.438	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	3304075	35.036	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	4073566	36.413	ng/u1	0.00
54) 4-Nitrophenol-d4	14.822	143	582503	32.635	ng/u1	0.00
60) Fluorene-d10	15.616	176	2794950	35.841	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	355743	29.502	ng/u1	0.00
73) Anthracene-d10	17.468	188	3581632	35.028	ng/u1	0.00
81) Pyrene-d10	19.757	212	3811951	35.591	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	3658036	37.877	ng/u1	0.01
Target Compounds						
					Qvalue	
52) Acenaphthene	14.686	153	231346	2.732	ng/u1	98
56) Dibenzofuran	15.022	168	243301	2.225	ng/u1	99
61) Fluorene	15.669	166	267203	2.860	ng/u1	97
72) Phenanthrene	17.410	178	1056400	8.549	ng/u1	100
74) Anthracene	17.504	178	319456	2.562	ng/u1	99
80) Fluoranthene	19.421	202	890010	6.710	ng/u1	100
82) Pyrene	19.780	202	655246	4.805	ng/u1	97
85) Benzo(a)anthracene	21.527	228	136197	1.201	ng/u1	97
87) Chrysene	21.580	228	142083	1.392	ng/u1	99
90) Benzo(b)fluoranthene	23.233	252	160876	1.341	ng/u1	96
91) Benzo(k)fluoranthene	23.233	252	160876	1.375	ng/u1#	96

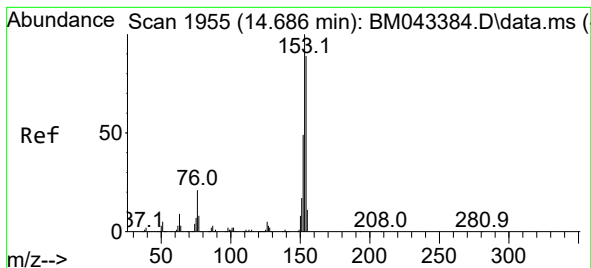
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#52

Acenaphthene

Concen: 2.732 ng/ul

RT: 14.686 min Scan# 1955

Delta R.T. 0.000 min

Lab File: BM043393.D

Acq: 18 Dec 2023 15:06

Instrument :

BNA_M

ClientSampleId :

DCLF7

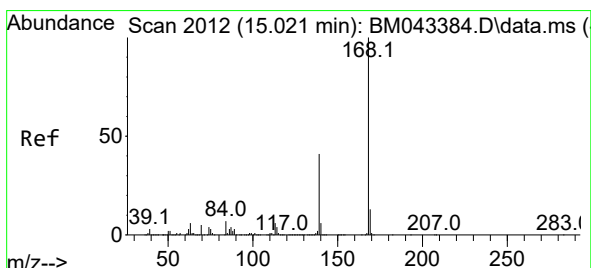
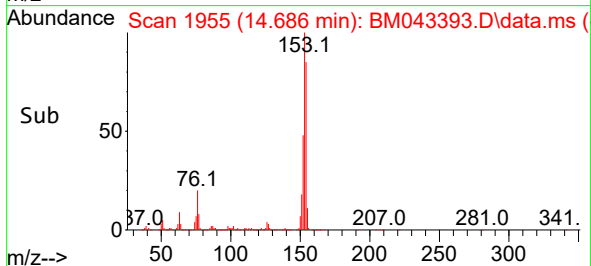
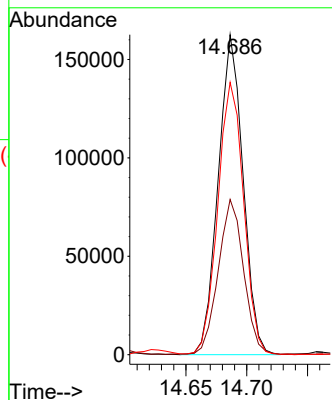
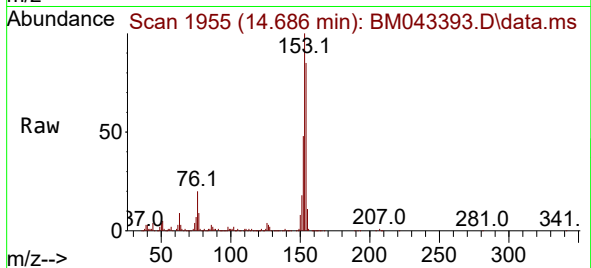
Tgt Ion:153 Resp: 231346

Ion Ratio Lower Upper

153 100

152 48.5 38.1 57.1

154 85.1 70.4 105.6



#56

Dibenzofuran

Concen: 2.225 ng/ul

RT: 15.022 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BM043393.D

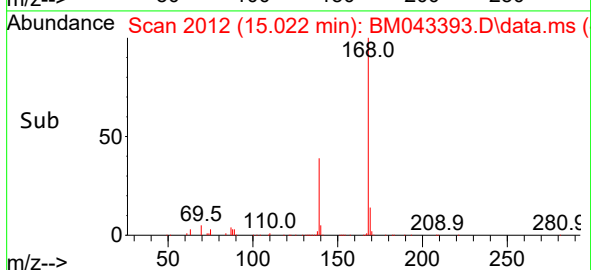
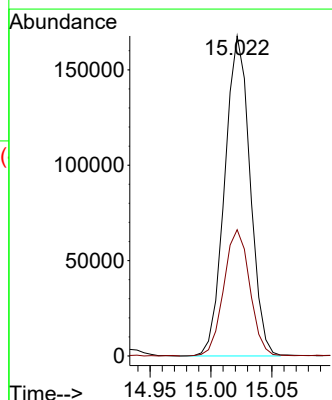
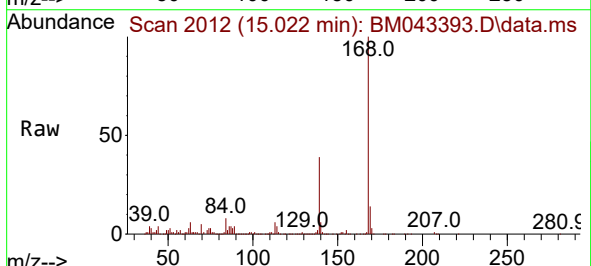
Acq: 18 Dec 2023 15:06

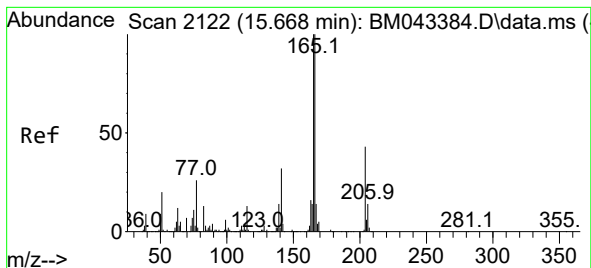
Tgt Ion:168 Resp: 243301

Ion Ratio Lower Upper

168 100

139 39.5 31.8 47.8





#61

Fluorene

Concen: 2.860 ng/ul

RT: 15.669 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BM043393.D

Acq: 18 Dec 2023 15:06

Instrument :

BNA_M

ClientSampleId :

DCLF7

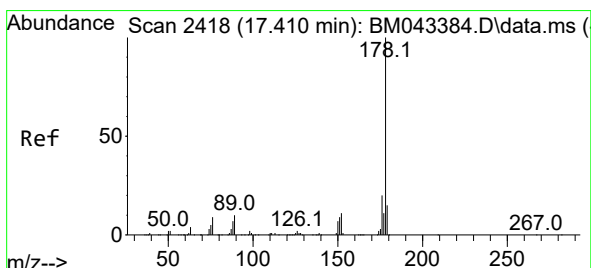
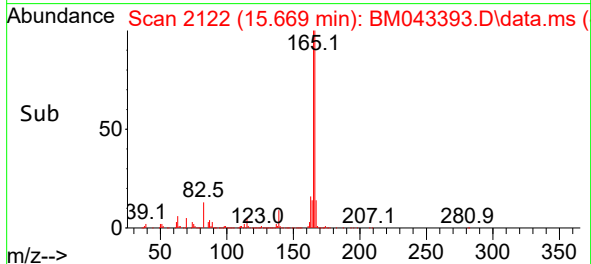
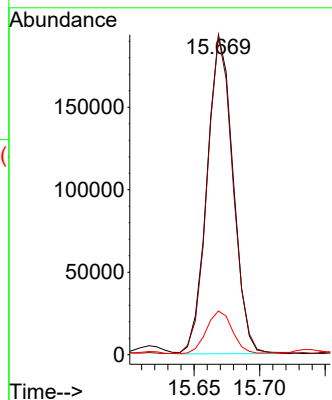
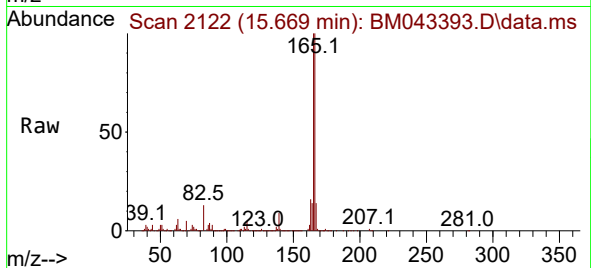
Tgt Ion:166 Resp: 267203

Ion Ratio Lower Upper

166 100

165 99.5 76.9 115.3

167 13.7 10.9 16.3



#72

Phenanthrene

Concen: 8.549 ng/ul

RT: 17.410 min Scan# 2418

Delta R.T. 0.000 min

Lab File: BM043393.D

Acq: 18 Dec 2023 15:06

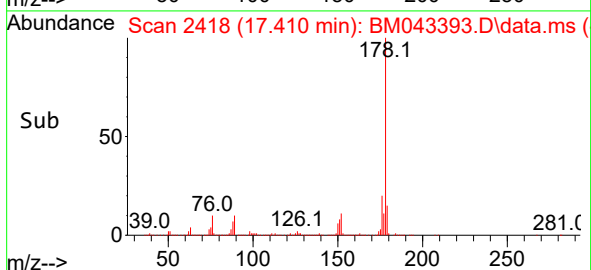
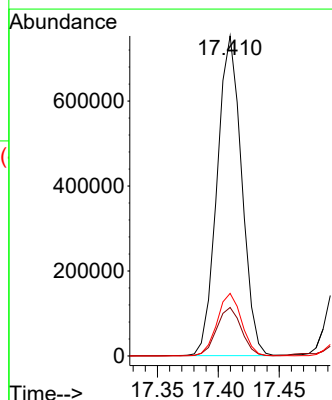
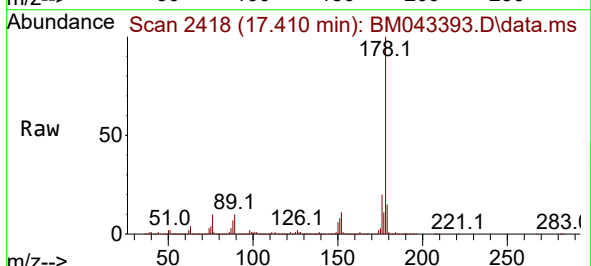
Tgt Ion:178 Resp: 1056400

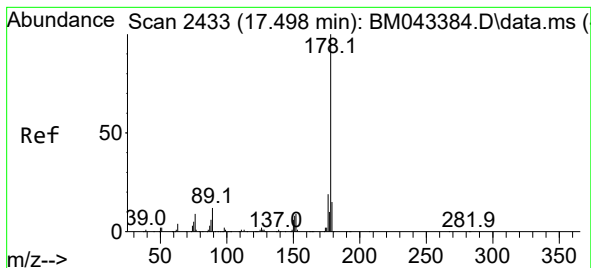
Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

176 19.5 15.5 23.3





#74

Anthracene

Concen: 2.562 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BM043393.D

Acq: 18 Dec 2023 15:06

Instrument :

BNA_M

ClientSampleId :

DCLF7

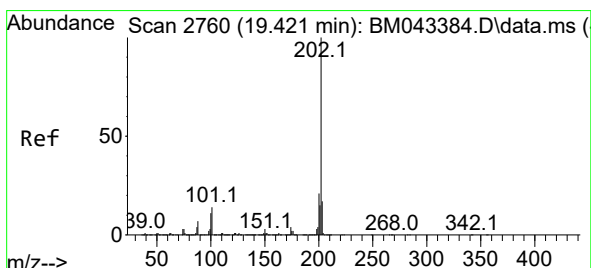
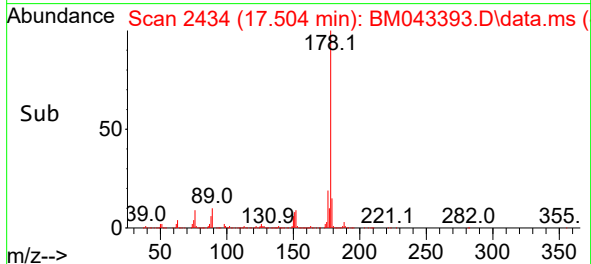
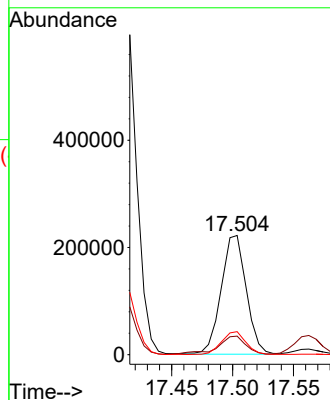
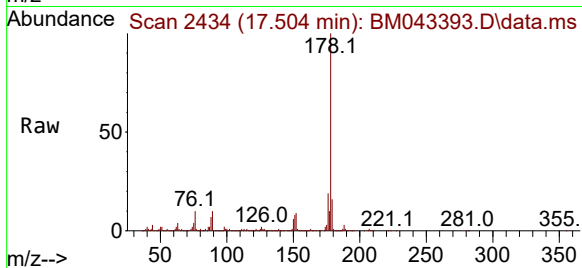
Tgt Ion:178 Resp: 319456

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 19.4 15.2 22.8



#80

Fluoranthene

Concen: 6.710 ng/ul

RT: 19.421 min Scan# 2760

Delta R.T. 0.006 min

Lab File: BM043393.D

Acq: 18 Dec 2023 15:06

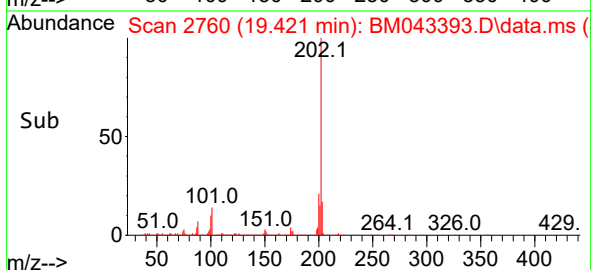
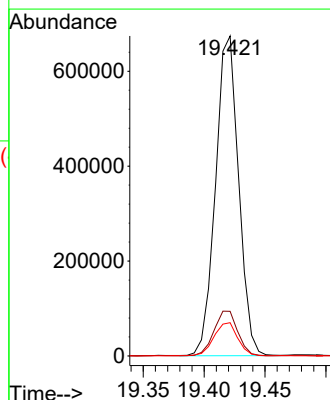
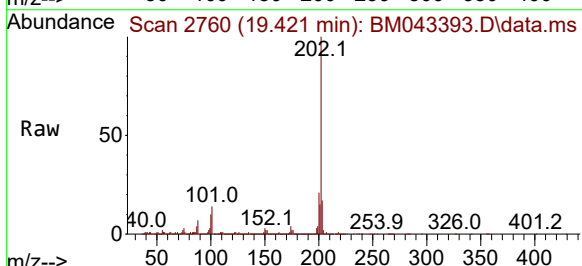
Tgt Ion:202 Resp: 890010

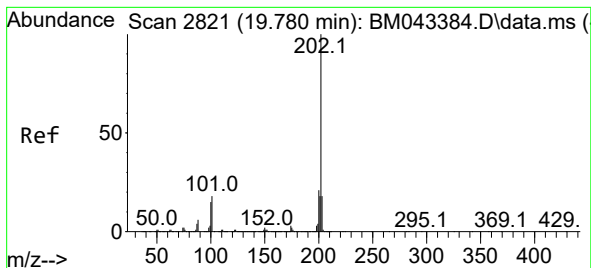
Ion Ratio Lower Upper

202 100

101 13.9 11.4 17.0

100 10.4 8.2 12.4





#82

Pyrene

Concen: 4.805 ng/ul

RT: 19.780 min Scan# 2821

Delta R.T. 0.000 min

Lab File: BM043393.D

Acq: 18 Dec 2023 15:06

Instrument :

BNA_M

ClientSampleId :

DCLF7

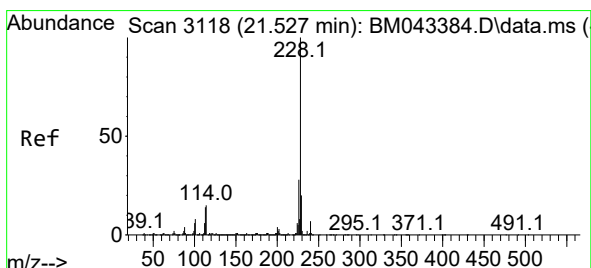
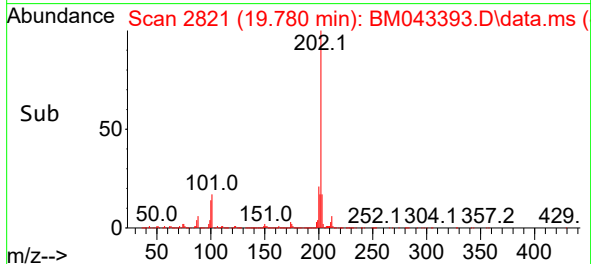
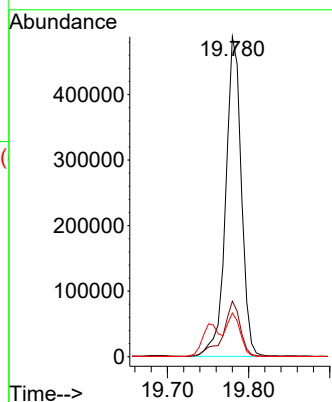
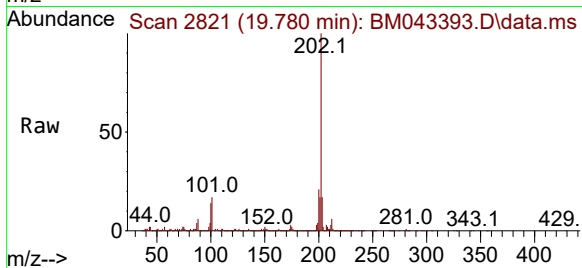
Tgt Ion:202 Resp: 655246

Ion Ratio Lower Upper

202 100

101 17.3 12.7 19.1

100 13.7 10.1 15.1



#85

Benzo(a)anthracene

Concen: 1.201 ng/ul

RT: 21.527 min Scan# 3118

Delta R.T. 0.006 min

Lab File: BM043393.D

Acq: 18 Dec 2023 15:06

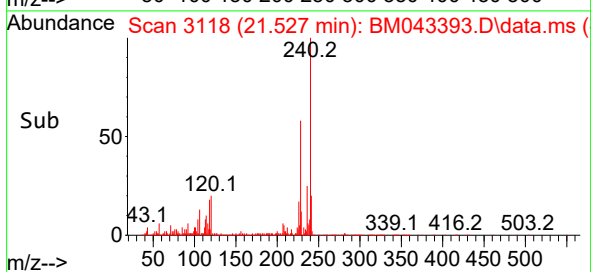
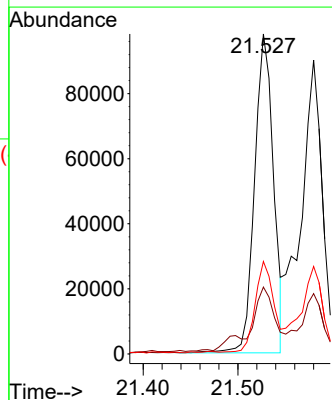
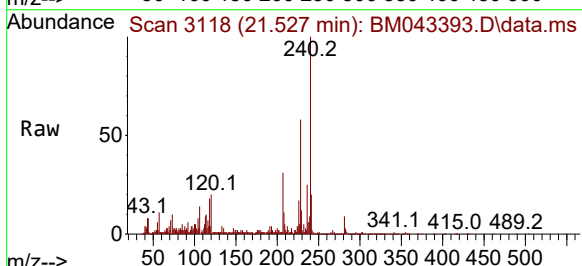
Tgt Ion:228 Resp: 136197

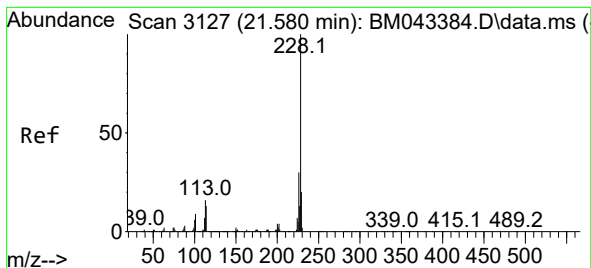
Ion Ratio Lower Upper

228 100

229 20.9 15.6 23.4

226 28.9 22.2 33.2





#87

Chrysene

Concen: 1.392 ng/ul

RT: 21.580 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM043393.D

Acq: 18 Dec 2023 15:06

Instrument :

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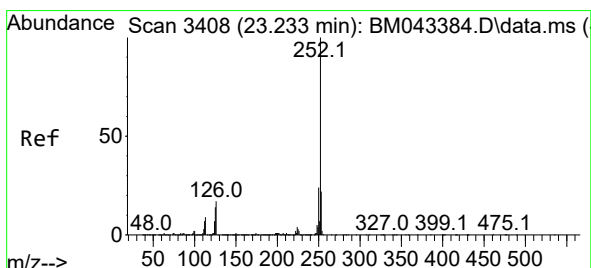
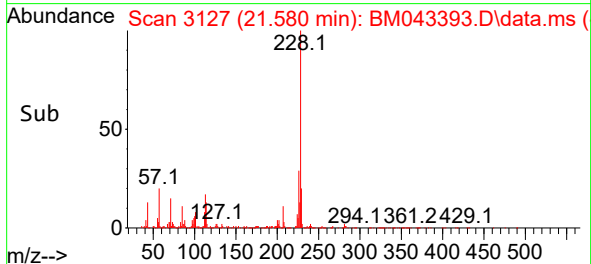
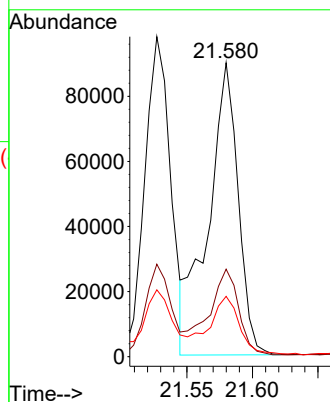
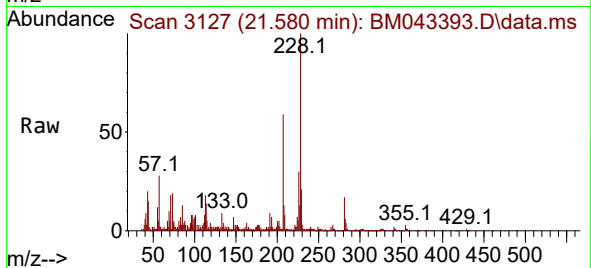
Tgt Ion:228 Resp: 142083

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.2

229 20.5 15.9 23.9



#90

Benzo(b)fluoranthene

Concen: 1.341 ng/ul

RT: 23.233 min Scan# 3408

Delta R.T. 0.012 min

Lab File: BM043393.D

Acq: 18 Dec 2023 15:06

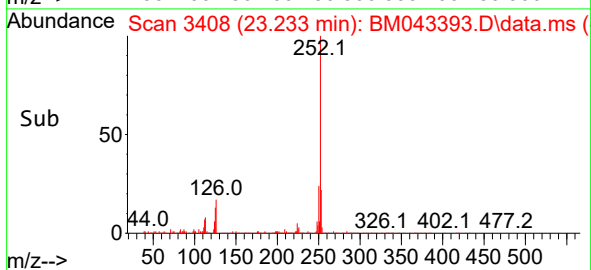
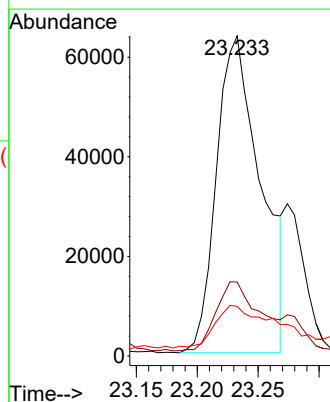
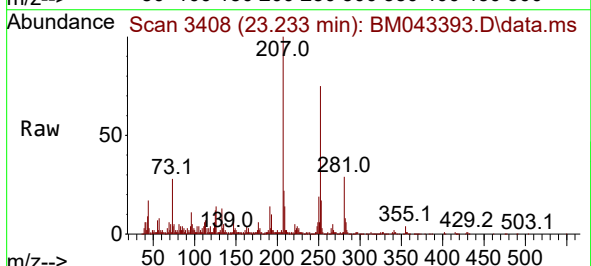
Tgt Ion:252 Resp: 160876

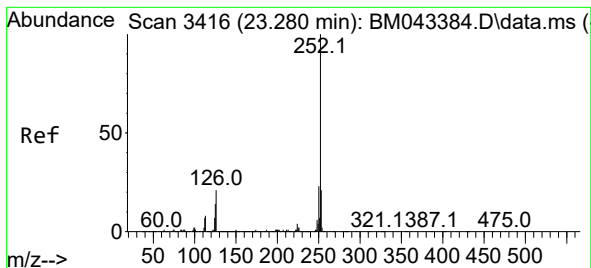
Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

125 15.5 10.4 15.6





#91

Benzo(k)fluoranthene

Concen: 1.375 ng/ul

RT: 23.233 min Scan# 34

Delta R.T. -0.035 min

Lab File: BM043393.D

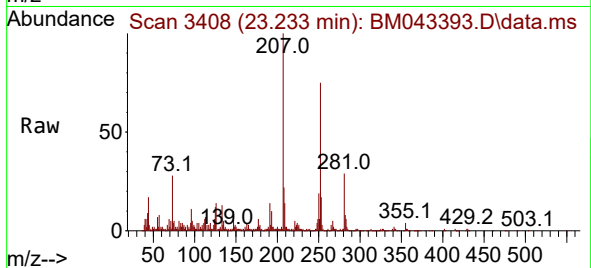
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Instrument :

BNA_M

ClientSampleId :

DCLF7



Tgt Ion:252 Resp: 160876

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 15.5 10.2 15.4#

