

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043394.D
 Acq On : 18 Dec 2023 15:42
 Operator : MA/JU
 Sample : 05626-15DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCLG1DL

Quant Time: Dec 19 00:28:26 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)

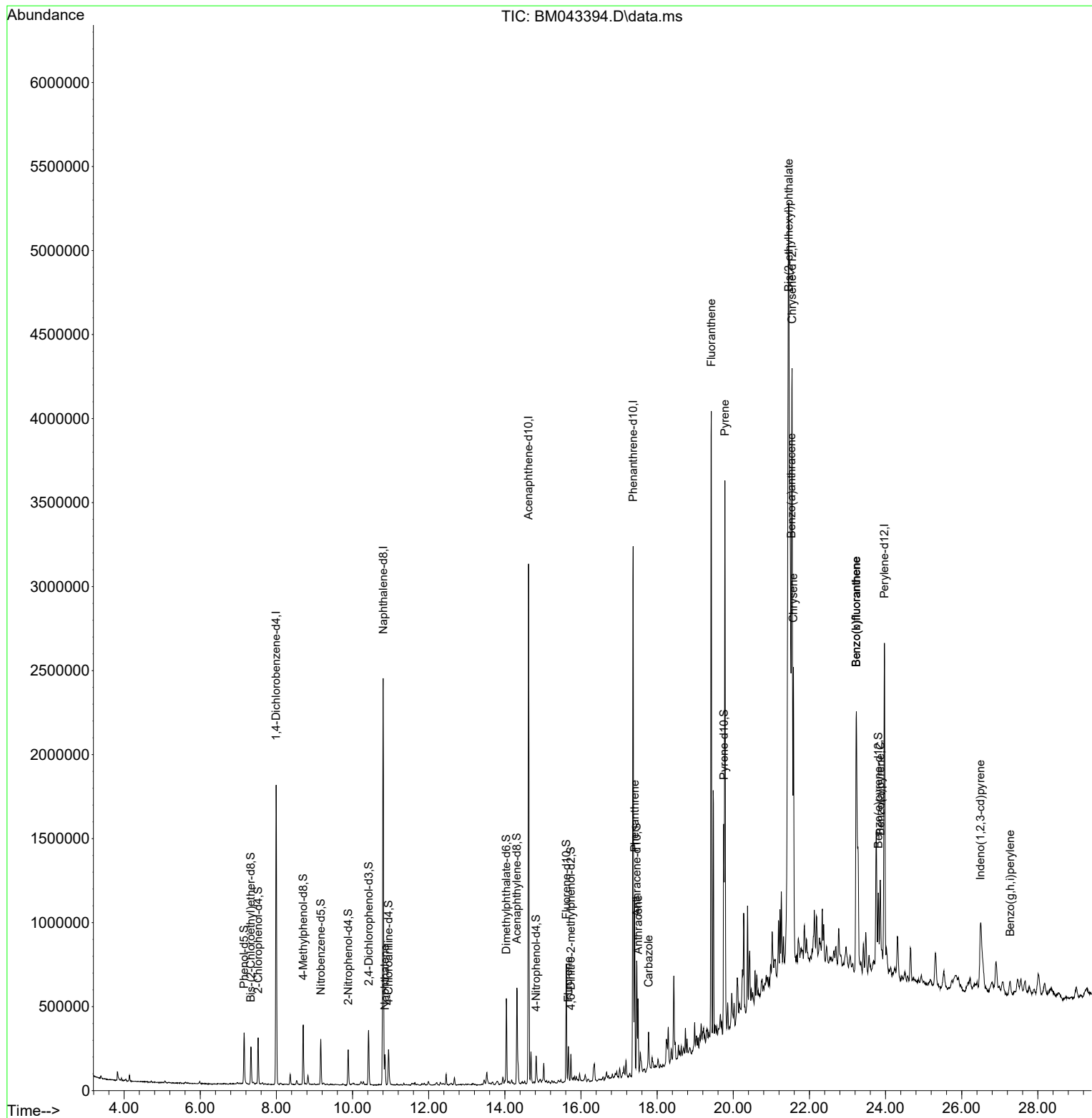
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	463476	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	1990493	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.621	164	1012619	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	1710421	20.000	ng/ul	0.00
79) Chrysene-d12	21.544	240	1182564	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1378753	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	8269	0.580	ng/uL	0.00
4) Pyridine-d5	3.793	84	685	0.017	ng/ul	-0.01
7) Phenol-d5	7.151	99	166493	3.158	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	105857	3.170	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	125233	3.111	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	129433	3.164	ng/ul	0.00
21) Nitrobenzene-d5	9.163	128	60992	3.167	ng/ul	0.00
24) 2-Nitrophenol-d4	9.886	143	60252	3.028	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	110217	3.138	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	111037	2.149	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	313951	3.444	ng/ul	0.00
49) Acenaphthylene-d8	14.315	160	362620	3.353	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	35084	2.033	ng/ul	0.00
60) Fluorene-d10	15.615	176	254992	3.383	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	23054	2.038	ng/ul	0.00
73) Anthracene-d10	17.462	188	350342	3.652	ng/ul	0.00
81) Pyrene-d10	19.750	212	331829	3.554	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.809	264	301878	3.548	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.851	128	140383	1.107	ng/ul	99
61) Fluorene	15.668	166	90574	1.003	ng/ul	98
72) Phenanthrene	17.409	178	572447	4.938	ng/ul	100
74) Anthracene	17.498	178	246522	2.107	ng/ul	99
77) Carbazole	17.774	167	122899	1.231	ng/ul	98
80) Fluoranthene	19.421	202	2028142	17.542	ng/ul	99
82) Pyrene	19.780	202	1784049	15.010	ng/ul	96
85) Benzo(a)anthracene	21.527	228	531423	5.374	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.456	149	150825	2.062	ng/ul#	64
87) Chrysene	21.580	228	948107	10.658	ng/ul	99
90) Benzo(b)fluoranthene	23.233	252	1268739	12.008	ng/ul	98
91) Benzo(k)fluoranthene	23.233	252	1268739	12.312	ng/ul	98
93) Benzo(a)pyrene	23.862	252	395207	4.100	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.491	276	315228	2.739	ng/ul	98
96) Benzo(g,h,i)perylene	27.273	276	109915	1.218	ng/ul	98

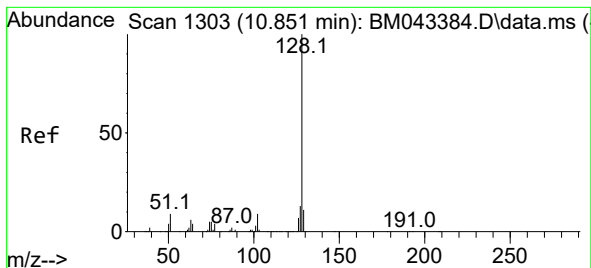
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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#30

Naphthalene

Concen: 1.107 ng/ul

RT: 10.851 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM043394.D

Acq: 18 Dec 2023 15:42

Instrument :

BNA_M

ClientSampleId :

DCLG1DL

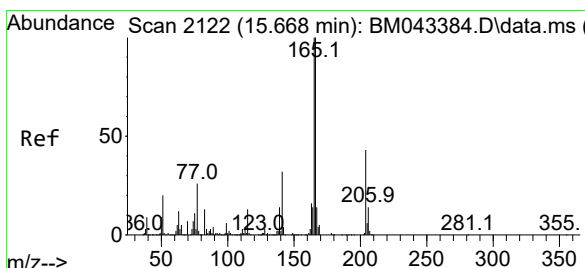
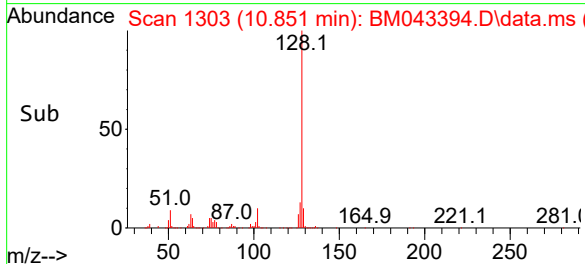
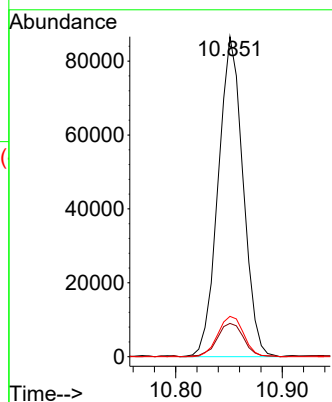
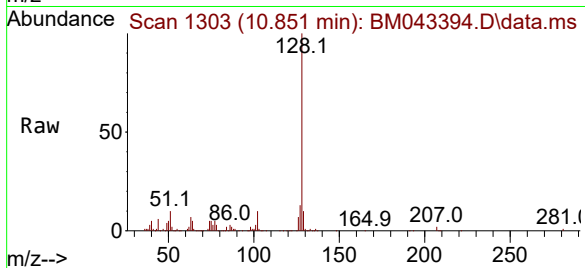
Tgt Ion:128 Resp: 140383

Ion Ratio Lower Upper

128 100

129 10.4 8.8 13.2

127 12.6 10.2 15.4



#61

Fluorene

Concen: 1.003 ng/ul

RT: 15.668 min Scan# 2122

Delta R.T. -0.000 min

Lab File: BM043394.D

Acq: 18 Dec 2023 15:42

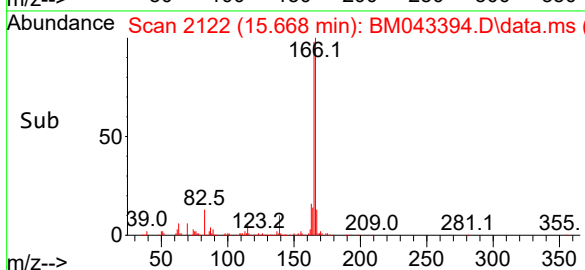
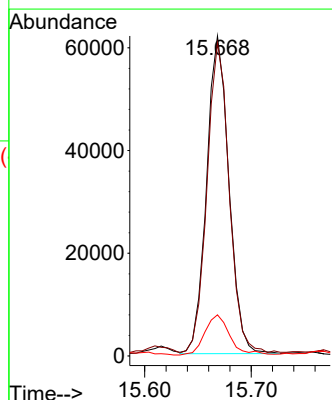
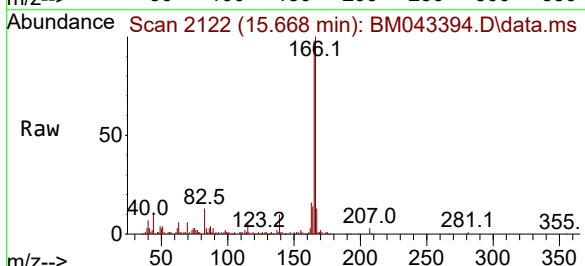
Tgt Ion:166 Resp: 90574

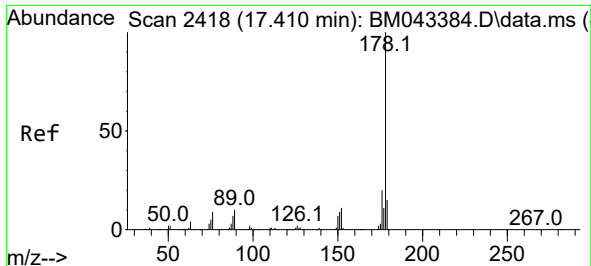
Ion Ratio Lower Upper

166 100

165 97.9 76.9 115.3

167 12.9 10.9 16.3

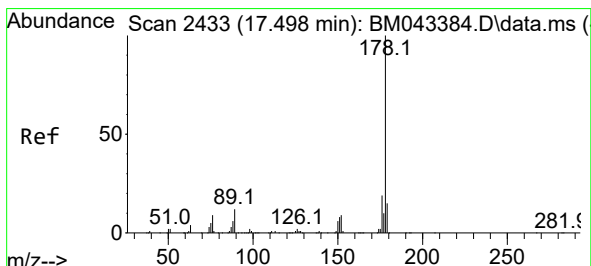
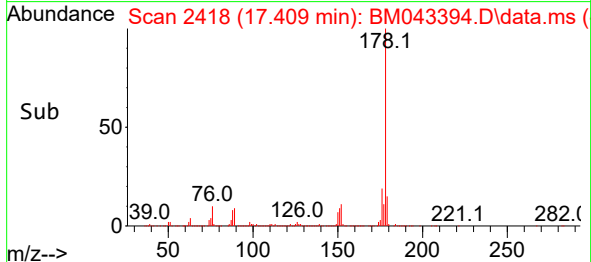
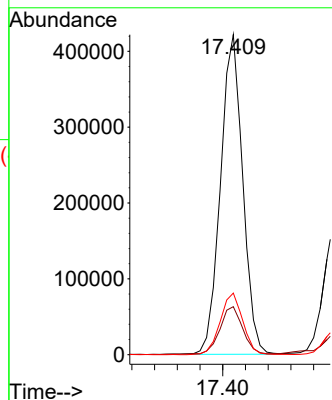
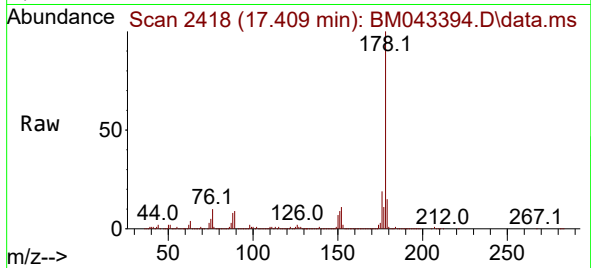




#72
Phenanthrene
Concen: 4.938 ng/ul
RT: 17.409 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BM043394.D
Acq: 18 Dec 2023 15:42

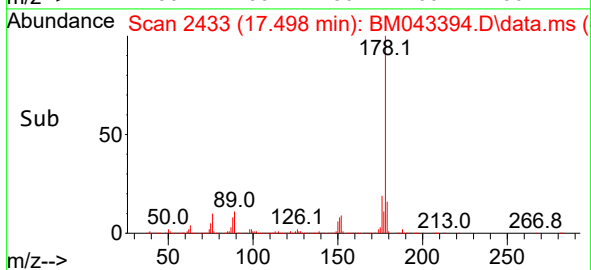
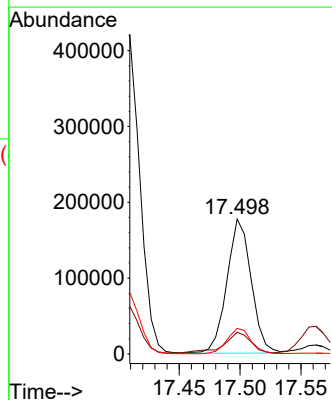
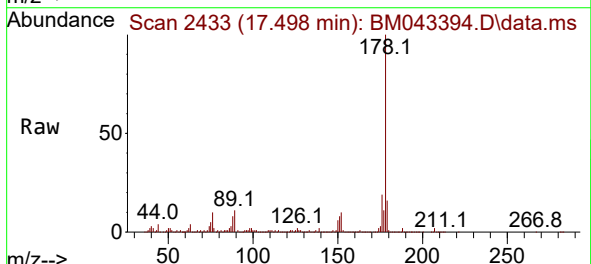
Instrument :
BNA_M
ClientSampleId :
DCLG1DL

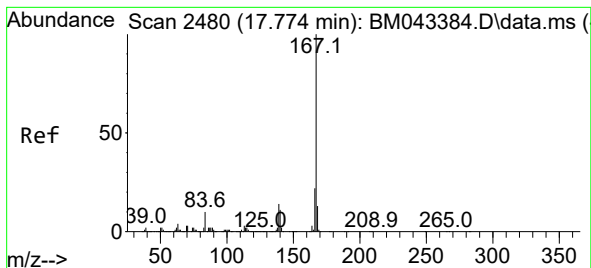
Tgt Ion:178 Resp: 572447
Ion Ratio Lower Upper
178 100
179 15.0 12.2 18.4
176 19.3 15.5 23.3



#74
Anthracene
Concen: 2.107 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BM043394.D
Acq: 18 Dec 2023 15:42

Tgt Ion:178 Resp: 246522
Ion Ratio Lower Upper
178 100
179 16.2 12.4 18.6
176 19.0 15.2 22.8





#77

Carbazole

Concen: 1.231 ng/ul

RT: 17.774 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM043394.D

Acq: 18 Dec 2023 15:42

Instrument :

BNA_M

ClientSampleId :

DCLG1DL

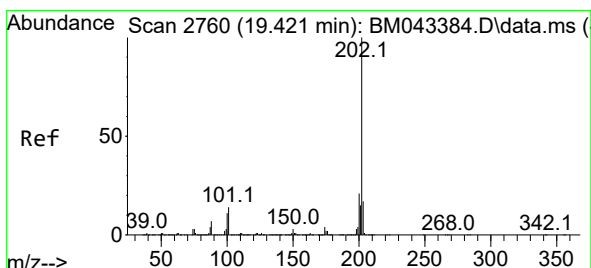
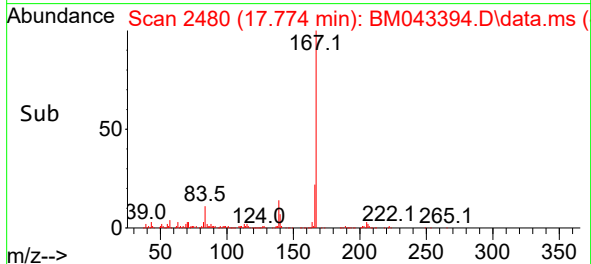
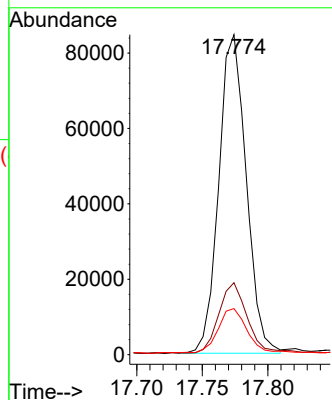
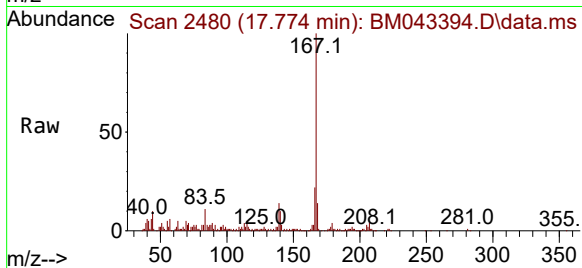
Tgt Ion:167 Resp: 122899

Ion Ratio Lower Upper

167 100

166 22.5 17.3 25.9

139 14.4 10.7 16.1



#80

Fluoranthene

Concen: 17.542 ng/ul

RT: 19.421 min Scan# 2760

Delta R.T. 0.006 min

Lab File: BM043394.D

Acq: 18 Dec 2023 15:42

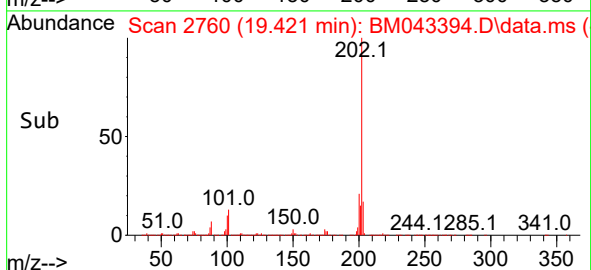
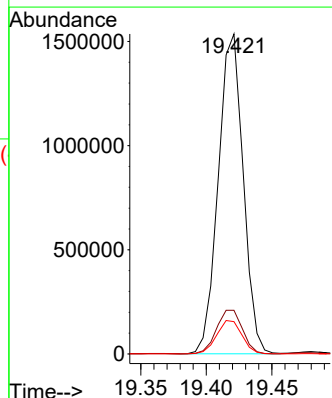
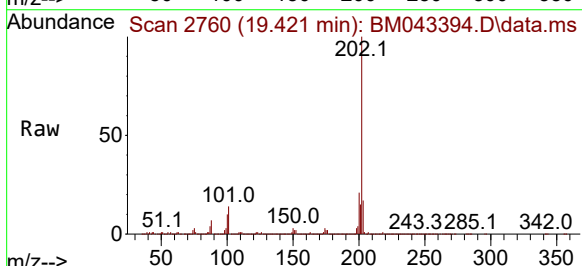
Tgt Ion:202 Resp: 2028142

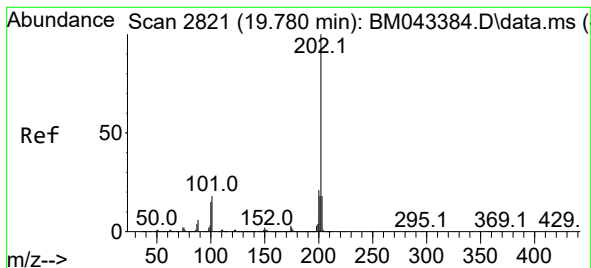
Ion Ratio Lower Upper

202 100

101 13.7 11.4 17.0

100 10.1 8.2 12.4





#82

Pyrene

Concen: 15.010 ng/ul

RT: 19.780 min Scan# 2821

Delta R.T. -0.000 min

Lab File: BM043394.D

Acq: 18 Dec 2023 15:42

Instrument :

BNA_M

ClientSampleId :

DCLG1DL

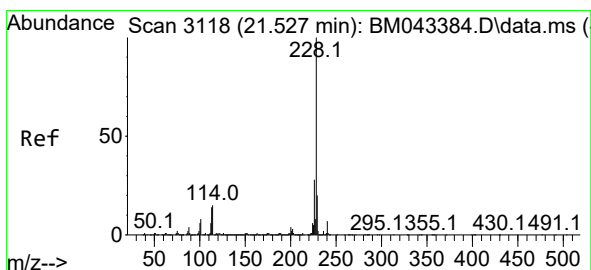
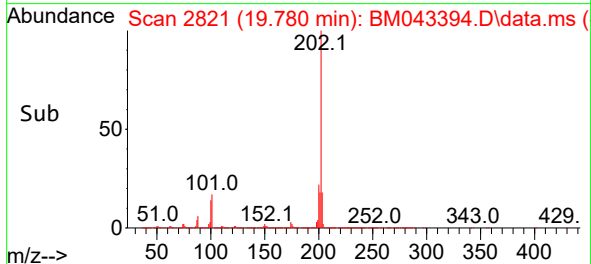
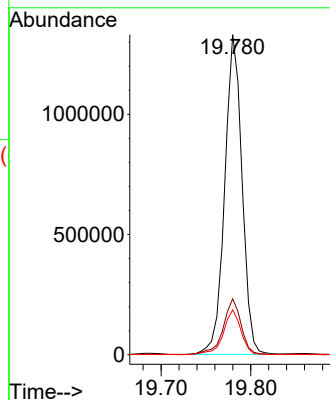
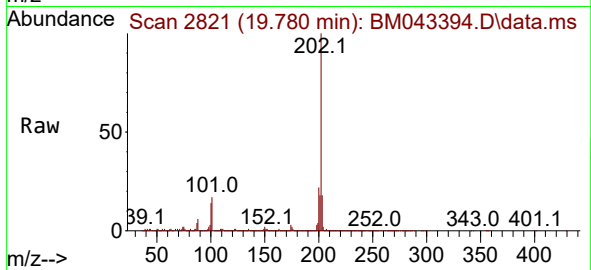
Tgt Ion:202 Resp: 1784049

Ion Ratio Lower Upper

202 100

101 17.4 12.7 19.1

100 14.0 10.1 15.1



#85

Benzo(a)anthracene

Concen: 5.374 ng/ul

RT: 21.527 min Scan# 3118

Delta R.T. 0.006 min

Lab File: BM043394.D

Acq: 18 Dec 2023 15:42

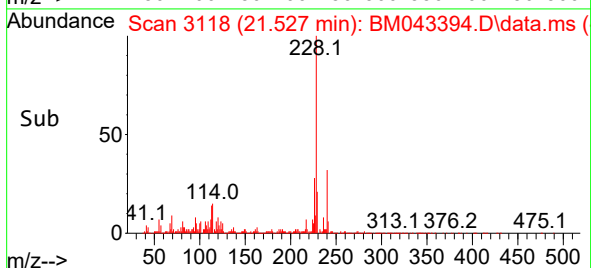
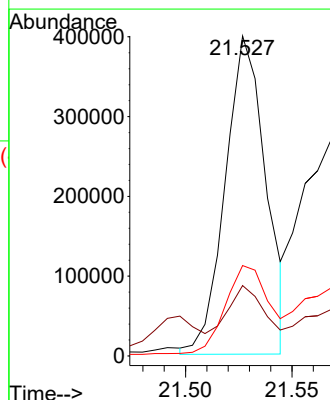
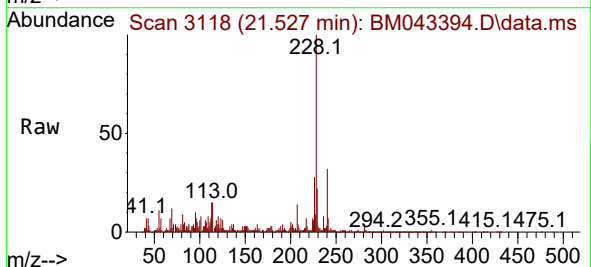
Tgt Ion:228 Resp: 531423

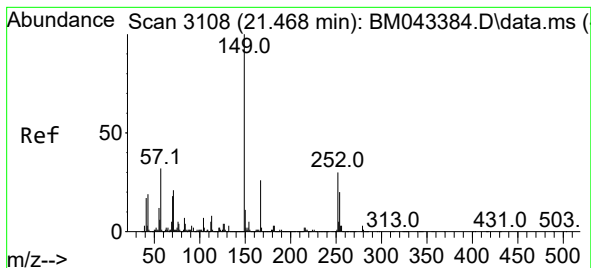
Ion Ratio Lower Upper

228 100

229 22.0 15.6 23.4

226 28.3 22.2 33.2

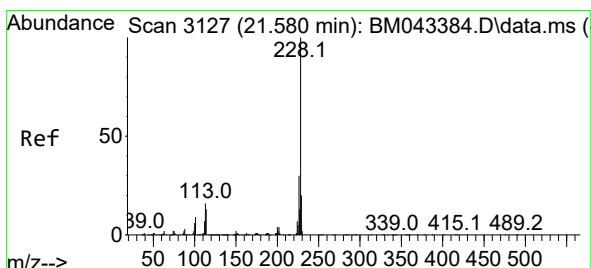
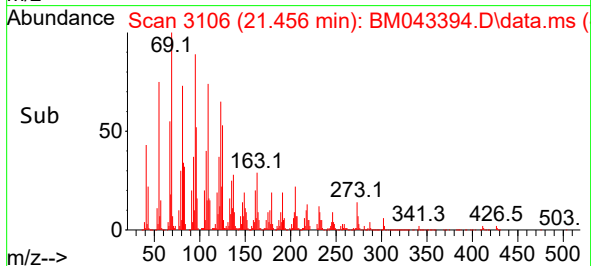
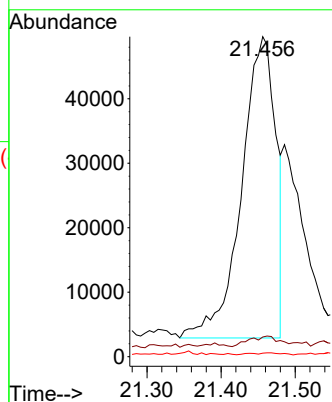
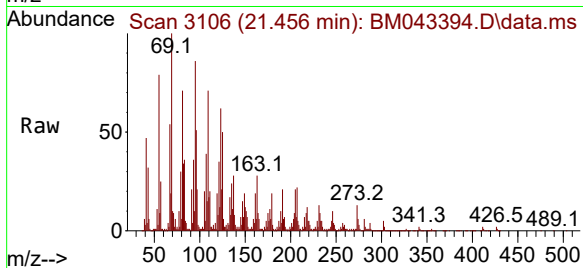




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.062 ng/ul
 RT: 21.456 min Scan# 3106
 Delta R.T. -0.006 min
 Lab File: BM043394.D
 Acq: 18 Dec 2023 15:42

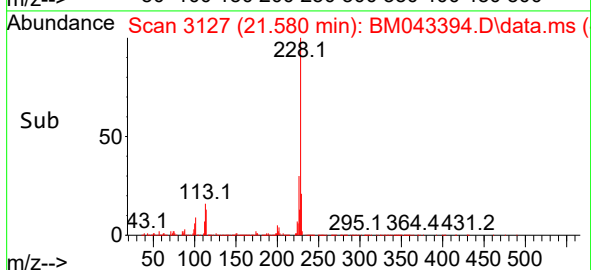
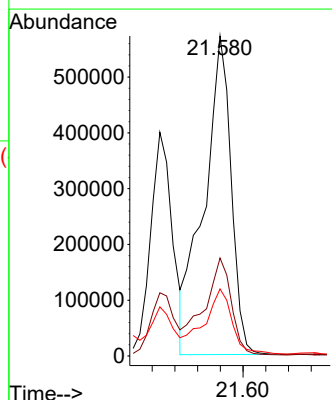
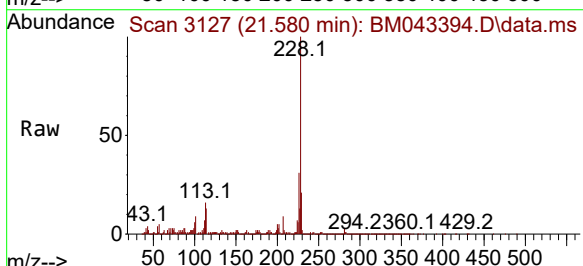
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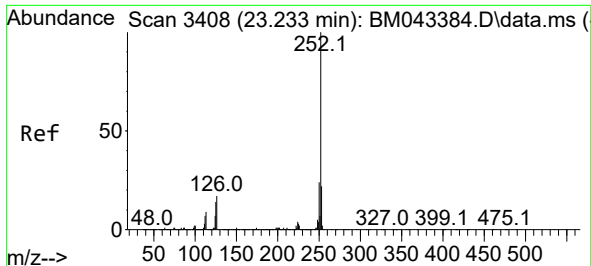
Tgt Ion:149 Resp: 150825
 Ion Ratio Lower Upper
 149 100
 167 6.2 21.6 32.4#
 279 1.1 2.8 4.2#



#87
 Chrysene
 Concen: 10.658 ng/ul
 RT: 21.580 min Scan# 3127
 Delta R.T. 0.006 min
 Lab File: BM043394.D
 Acq: 18 Dec 2023 15:42

Tgt Ion:228 Resp: 948107
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.2 36.2
 229 21.0 15.9 23.9

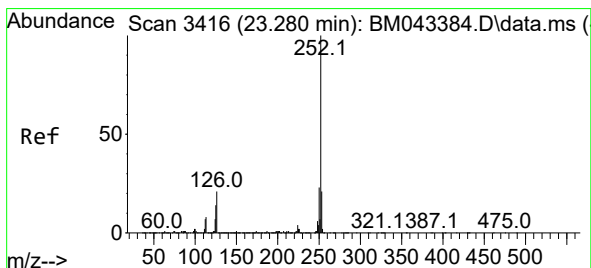
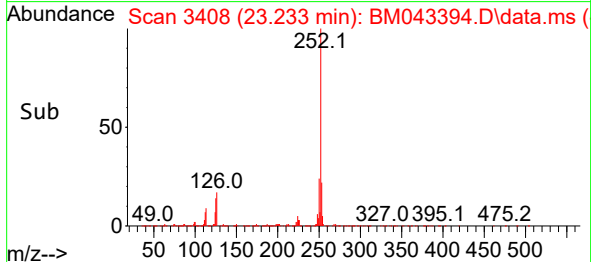
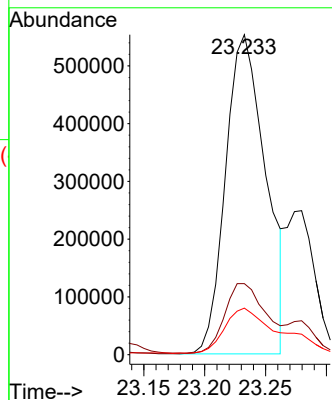
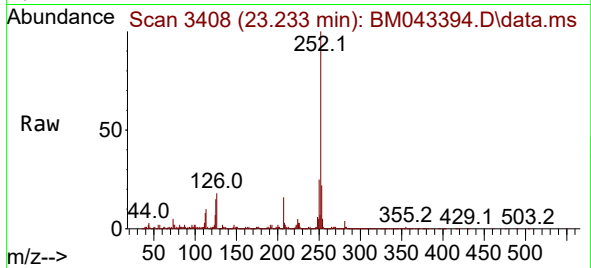




#90
Benzo(b)fluoranthene
Concen: 12.008 ng/ul
RT: 23.233 min Scan# 3408
Delta R.T. 0.012 min
Lab File: BM043394.D
Acq: 18 Dec 2023 15:42

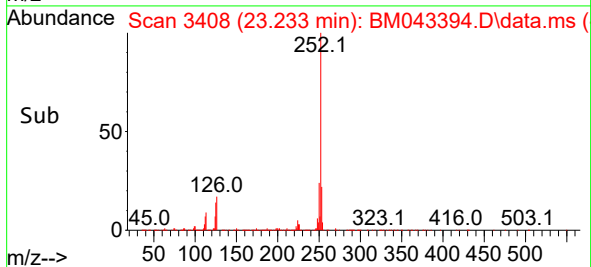
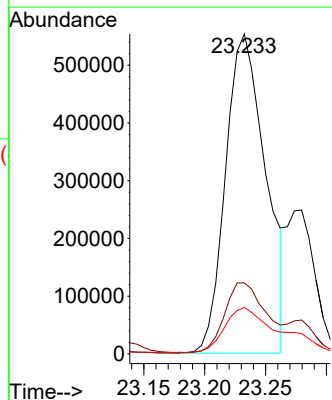
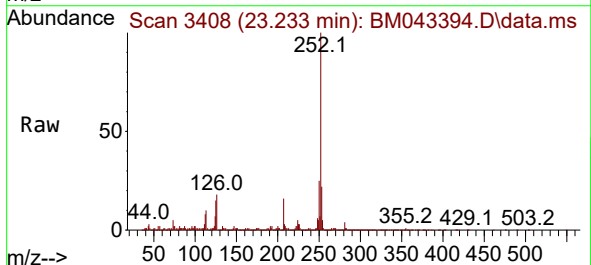
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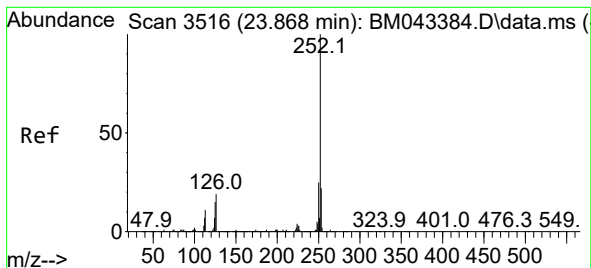
Tgt Ion:252 Resp: 1268739
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 14.6 10.4 15.6



#91
Benzo(k)fluoranthene
Concen: 12.312 ng/ul
RT: 23.233 min Scan# 3408
Delta R.T. -0.035 min
Lab File: BM043394.D
Acq: 18 Dec 2023 15:42

Tgt Ion:252 Resp: 1268739
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 14.6 10.2 15.4





#93

Benzo(a)pyrene

Concen: 4.100 ng/ul

RT: 23.862 min Scan# 3

Delta R.T. 0.012 min

Lab File: BM043394.D

Acq: 18 Dec 2023 15:42

Instrument :

BNA_M

ClientSampleId :

DCLG1DL

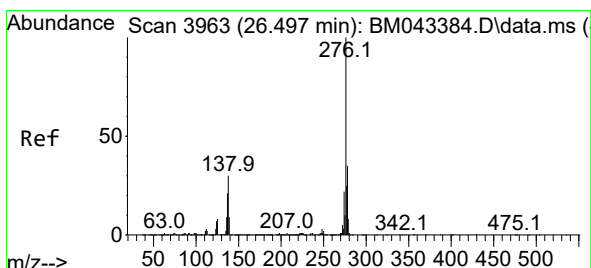
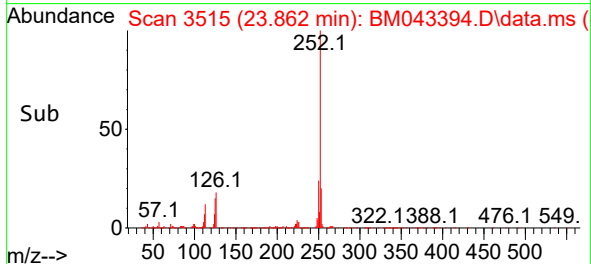
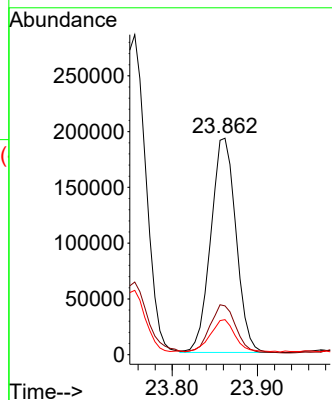
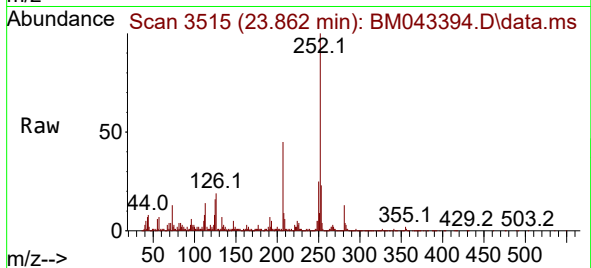
Tgt Ion:252 Resp: 395207

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

125 16.2 11.4 17.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.739 ng/ul

RT: 26.491 min Scan# 3962

Delta R.T. 0.012 min

Lab File: BM043394.D

Acq: 18 Dec 2023 15:42

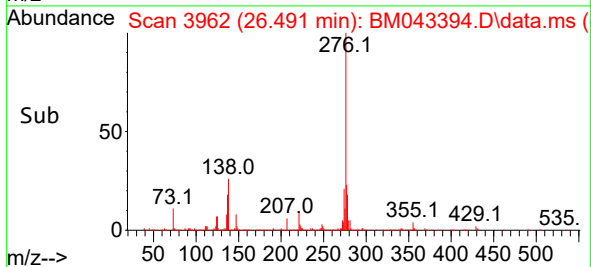
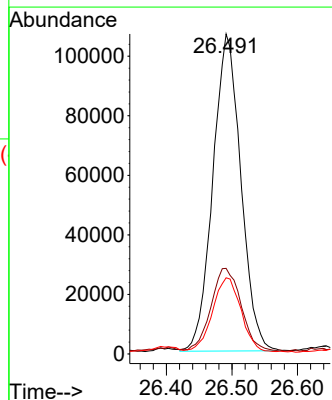
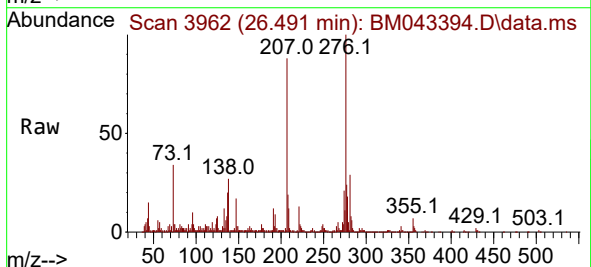
Tgt Ion:276 Resp: 315228

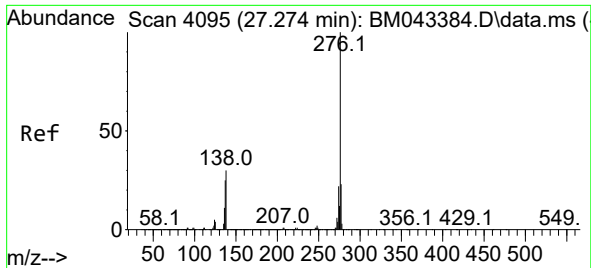
Ion Ratio Lower Upper

276 100

138 26.8 22.6 34.0

277 23.8 19.7 29.5





#96
 Benzo(g,h,i)perylene
 Concen: 1.218 ng/ul
 RT: 27.273 min Scan# 4095
 Delta R.T. 0.023 min
 Lab File: BM043394.D
 Acq: 18 Dec 2023 15:42

Instrument :
 BNA_M
 ClientSampleId :
 DCLG1DL

Tgt Ion:276 Resp: 109915
 Ion Ratio Lower Upper
 276 100
 138 27.3 22.4 33.6
 277 22.6 19.1 28.7

