

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045826.D
 Acq On : 04 Jun 2024 21:11
 Operator : MA/JU
 Sample : P2589-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

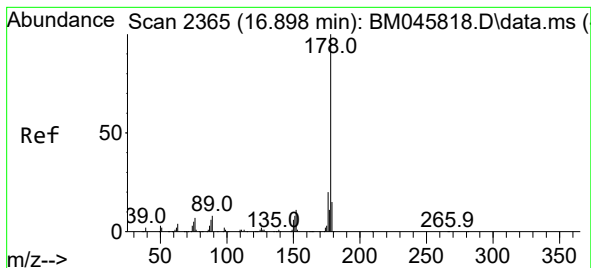
Instrument :
 BNA_M
 ClientSampleId :
 BH6C9

Quant Time: Jun 04 22:56:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 31 13:01:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	351808	20.000	ng/ul	0.00
20) Naphthalene-d8	10.233	136	1470976	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.110	164	905127	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.856	188	1712699	20.000	ng/ul	0.00
79) Chrysene-d12	21.062	240	1025848	20.000	ng/ul	0.00
88) Perylene-d12	23.785	264	1040007	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.057	96	33190	3.658	ng/uL	0.00
4) Pyridine-d5	3.475	84	235392	10.075	ng/ul	0.00
7) Phenol-d5	6.722	99	704564	23.574	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.828	67	514354	23.967	ng/ul	0.00
11) 2-Chlorophenol-d4	7.028	132	571950	25.620	ng/ul	0.00
15) 4-Methylphenol-d8	8.233	113	410103	18.162	ng/ul	0.00
21) Nitrobenzene-d5	8.628	128	288508	25.085	ng/ul	0.00
24) 2-Nitrophenol-d4	9.345	143	304748	26.181	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	555435	25.446	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	236322	7.823	ng/ul	0.00
46) Dimethylphthalate-d6	13.557	166	1652017	26.364	ng/ul	0.00
49) Acenaphthylene-d8	13.798	160	1841115	25.302	ng/ul	0.00
54) 4-Nitrophenol-d4	14.404	143	209896	15.521	ng/ul	0.00
60) Fluorene-d10	15.109	176	1397425	26.141	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	168123	19.223	ng/ul	0.00
73) Anthracene-d10	16.951	188	1933129	25.964	ng/ul	0.00
81) Pyrene-d10	19.250	212	2019041	31.648	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.603	264	1298535	26.715	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	16.892	178	619640	6.866	ng/ul	99
74) Anthracene	16.892	178	619640	6.874	ng/ul	98
80) Fluoranthene	18.915	202	1194880	15.450	ng/ul	98
82) Pyrene	19.280	202	1013824	12.759	ng/ul	99
83) Butylbenzylphthalate	20.209	149	50738	1.567	ng/ul#	73
85) Benzo(a)anthracene	21.050	228	348011	4.913	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	20.997	149	230633	4.793	ng/ul	100
87) Chrysene	21.103	228	460078	7.021	ng/ul	97
90) Benzo(b)fluoranthene	22.938	252	562978	8.808	ng/ul#	94
91) Benzo(k)fluoranthene	22.985	252	176899	2.834	ng/ul#	83
93) Benzo(a)pyrene	23.656	252	307957	5.483	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	26.791	276	260587	4.249	ng/ul	95
95) Dibenzo(a,h)anthracene	26.826	278	64984	1.340	ng/ul#	79
96) Benzo(g,h,i)perylene	27.720	276	238362	4.413	ng/ul	95

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



#72

Phenanthrene

Concen: 6.866 ng/ul

RT: 16.892 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045826.D

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Instrument :

BNA_M

ClientSampleId :

BH6C9

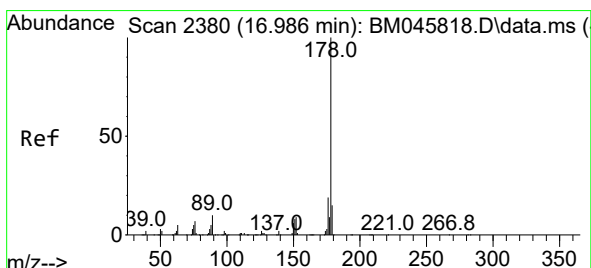
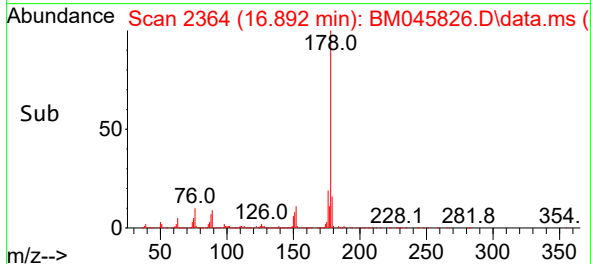
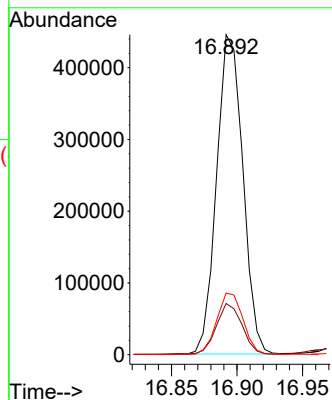
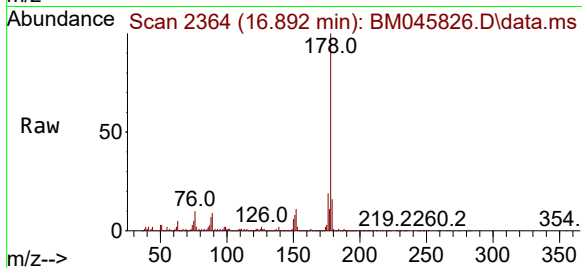
Tgt Ion:178 Resp: 619640

Ion Ratio Lower Upper

178 100

179 16.0 12.4 18.6

176 19.3 15.3 22.9



#74

Anthracene

Concen: 6.874 ng/ul

RT: 16.892 min Scan# 2364

Delta R.T. -0.100 min

Lab File: BM045826.D

Acq: 04 Jun 2024 21:11

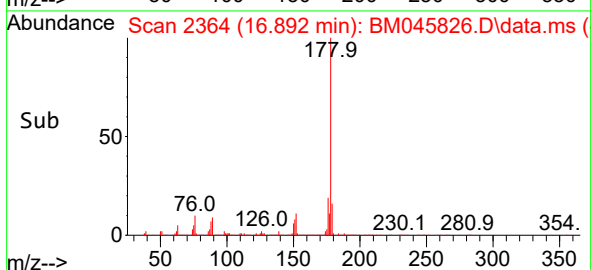
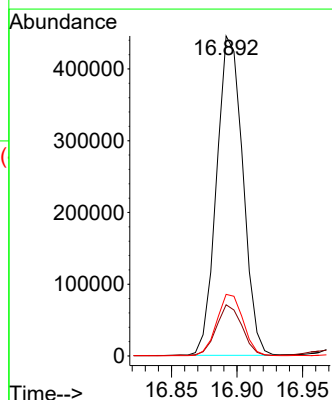
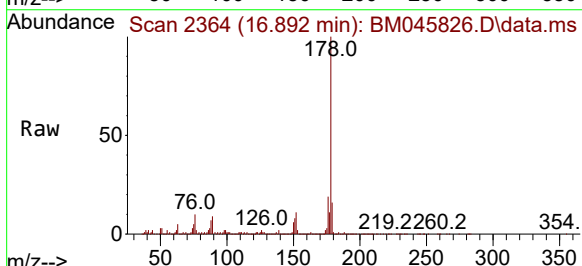
Tgt Ion:178 Resp: 619640

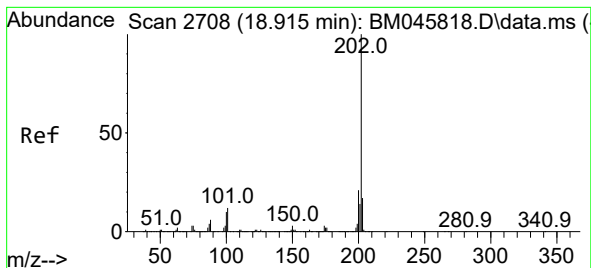
Ion Ratio Lower Upper

178 100

179 16.0 12.0 18.0

176 19.3 15.0 22.6





#80

Fluoranthene

Concen: 15.450 ng/ul

RT: 18.915 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045826.D

Acq: 04 Jun 2024 21:11

Instrument :

BNA_M

ClientSampleId :

BH6C9

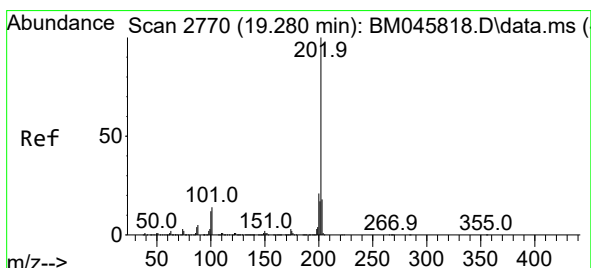
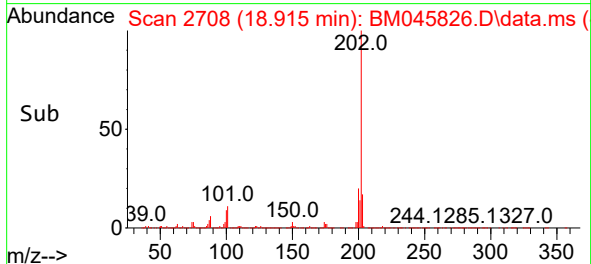
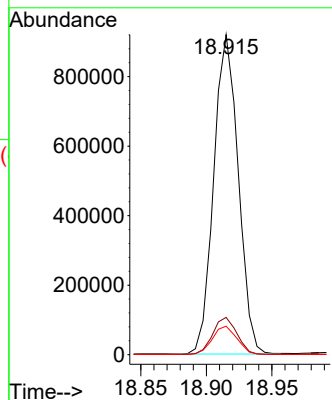
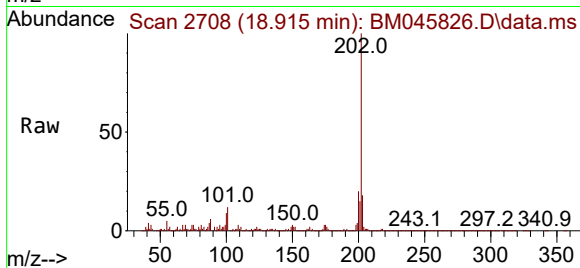
Tgt Ion:202 Resp: 1194880

Ion Ratio Lower Upper

202 100

101 11.7 8.9 13.3

100 8.9 6.6 10.0



#82

Pyrene

Concen: 12.759 ng/ul

RT: 19.280 min Scan# 2770

Delta R.T. -0.006 min

Lab File: BM045826.D

Acq: 04 Jun 2024 21:11

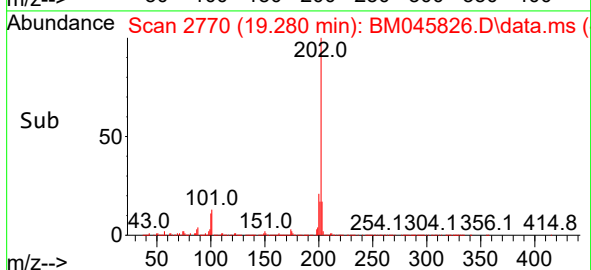
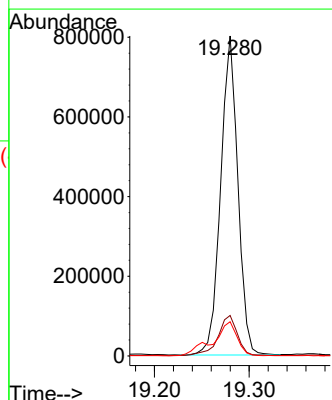
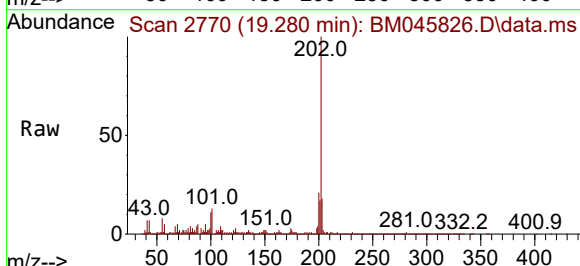
Tgt Ion:202 Resp: 1013824

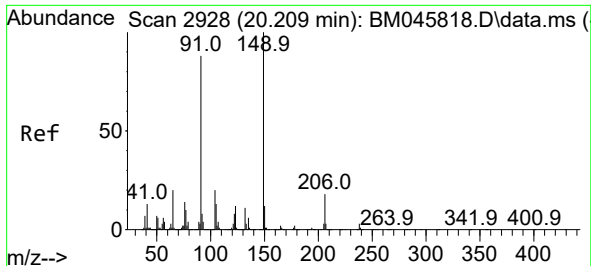
Ion Ratio Lower Upper

202 100

101 12.7 10.5 15.7

100 10.7 8.6 12.8

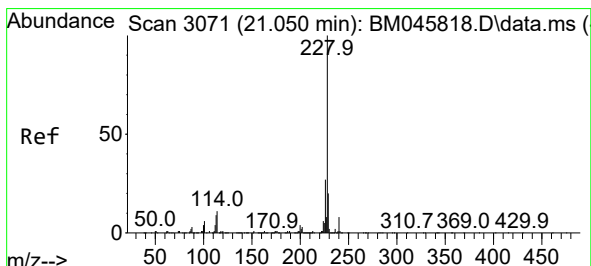
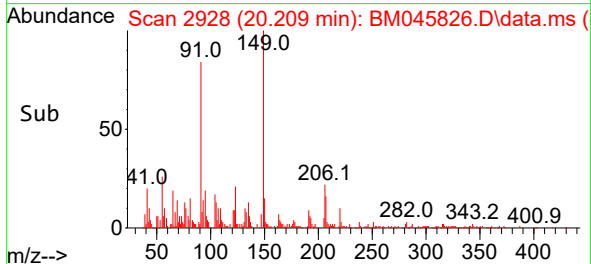
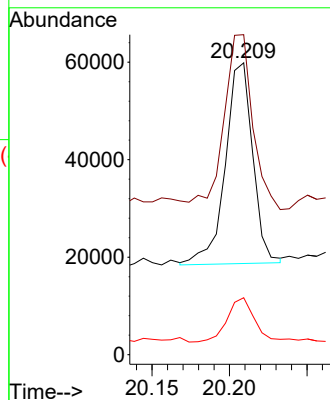
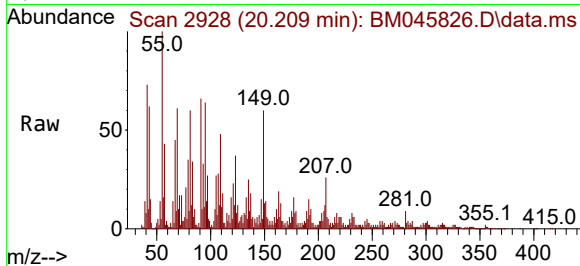




#83
Butylbenzylphthalate
Concen: 1.567 ng/ul
RT: 20.209 min Scan# 2928
Delta R.T. -0.006 min
Lab File: BM045826.D
Acq: 04 Jun 2024 21:11

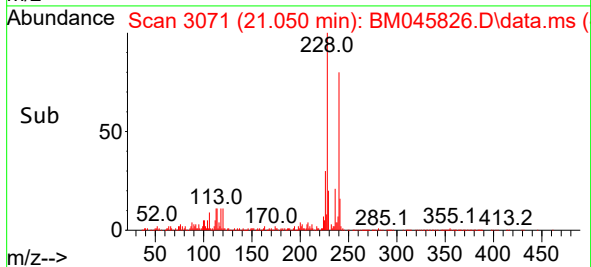
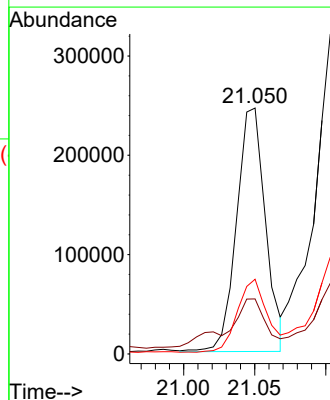
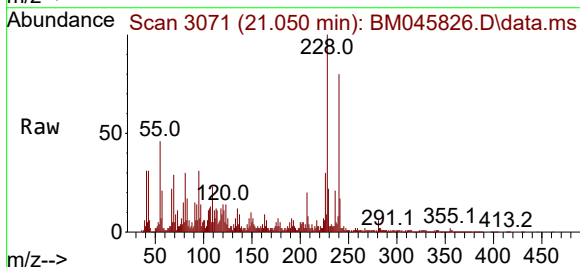
Instrument :
BNA_M
ClientSampleId :
BH6C9

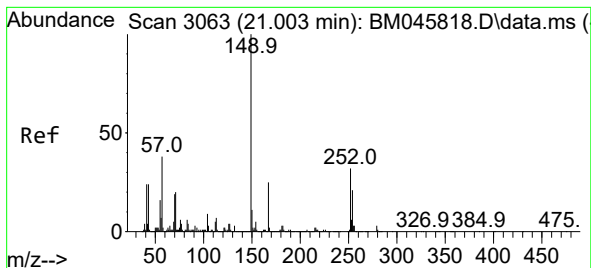
Tgt Ion:149 Resp: 50738
Ion Ratio Lower Upper
149 100
91 109.6 63.7 95.5#
206 19.5 15.9 23.9



#85
Benzo(a)anthracene
Concen: 4.913 ng/ul
RT: 21.050 min Scan# 3071
Delta R.T. -0.000 min
Lab File: BM045826.D
Acq: 04 Jun 2024 21:11

Tgt Ion:228 Resp: 348011
Ion Ratio Lower Upper
228 100
229 22.4 15.8 23.8
226 30.4 21.4 32.0

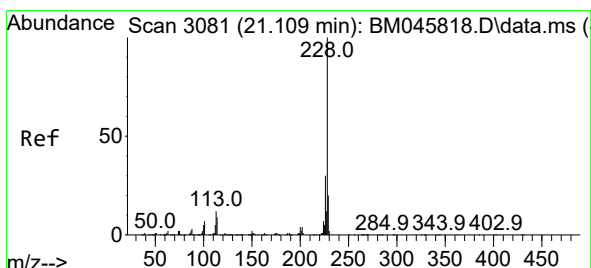
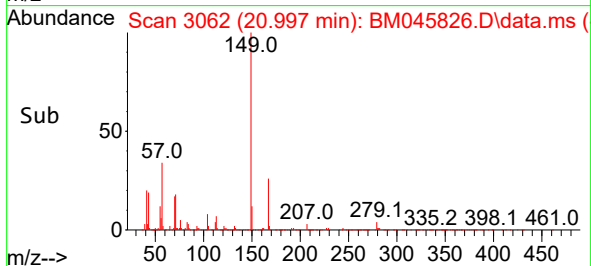
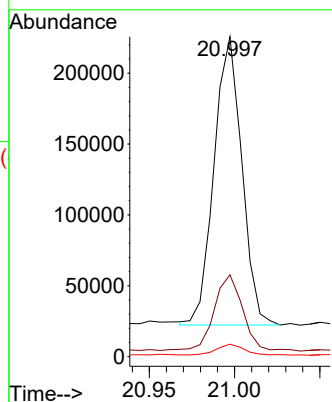
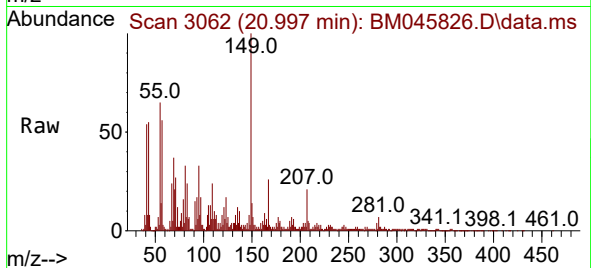




#86
Bis(2-ethylhexyl)phthalate
Concen: 4.793 ng/ul
RT: 20.997 min Scan# 3062
Delta R.T. -0.012 min
Lab File: BM045826.D
Acq: 04 Jun 2024 21:11

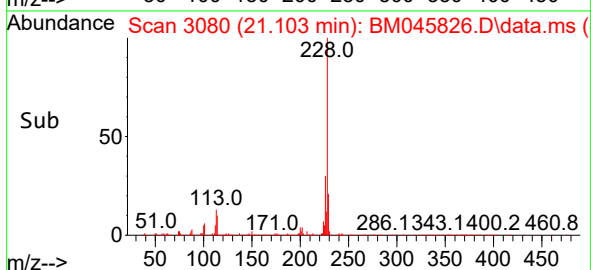
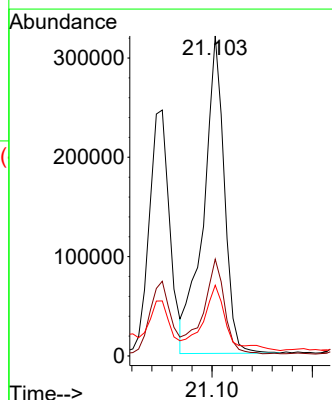
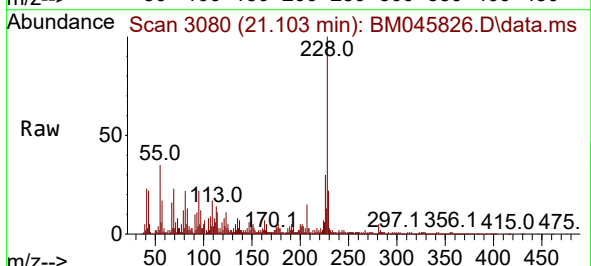
Instrument :
BNA_M
ClientSampleId :
BH6C9

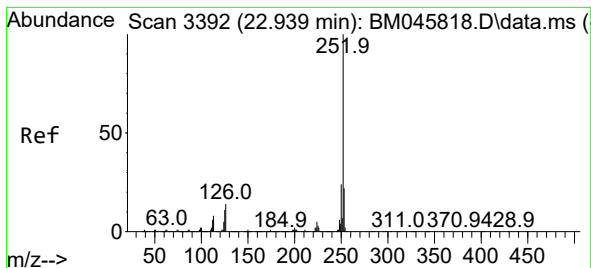
Tgt Ion:149 Resp: 230633
Ion Ratio Lower Upper
149 100
167 25.6 20.4 30.6
279 3.9 3.1 4.7



#87
Chrysene
Concen: 7.021 ng/ul
RT: 21.103 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BM045826.D
Acq: 04 Jun 2024 21:11

Tgt Ion:228 Resp: 460078
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 22.1 15.2 22.8





#90

Benzo(b)fluoranthene

Concen: 8.808 ng/ul

RT: 22.938 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM045826.D

Acq: 04 Jun 2024 21:11

Instrument :

BNA_M

ClientSampleId :

BH6C9

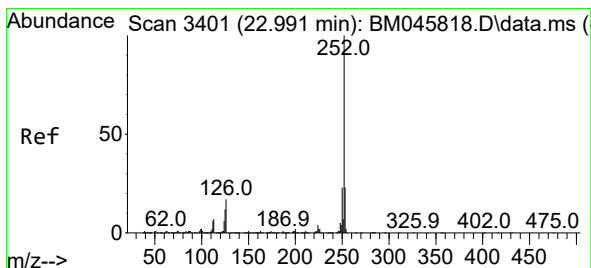
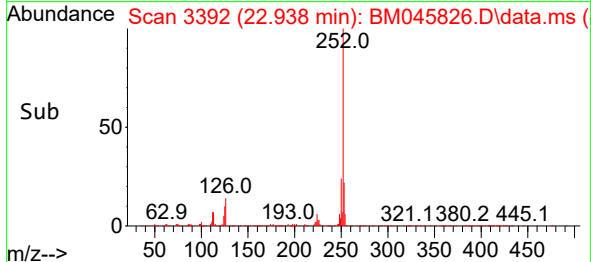
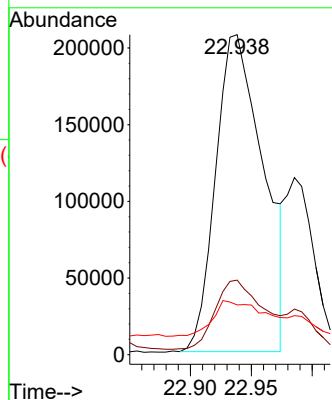
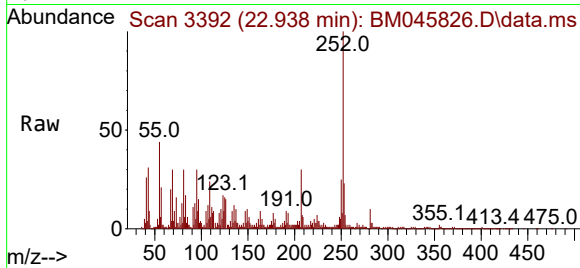
Tgt Ion:252 Resp: 562978

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

125 15.6 8.4 12.6#



#91

Benzo(k)fluoranthene

Concen: 2.834 ng/ul

RT: 22.985 min Scan# 3400

Delta R.T. -0.012 min

Lab File: BM045826.D

Acq: 04 Jun 2024 21:11

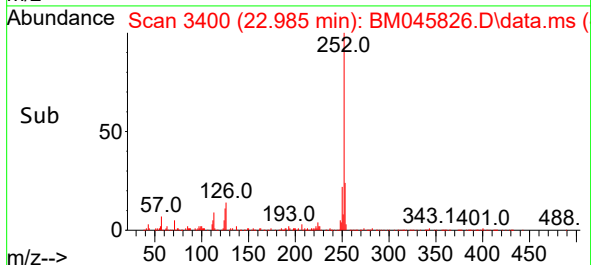
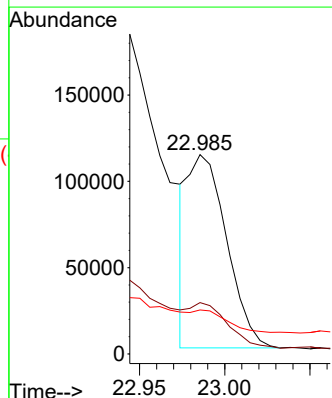
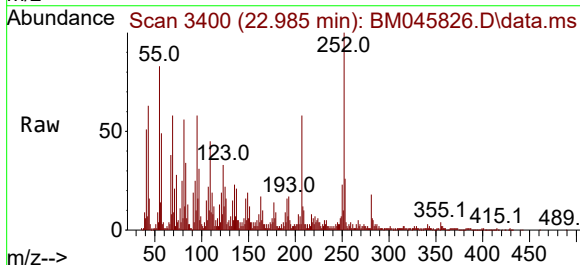
Tgt Ion:252 Resp: 176899

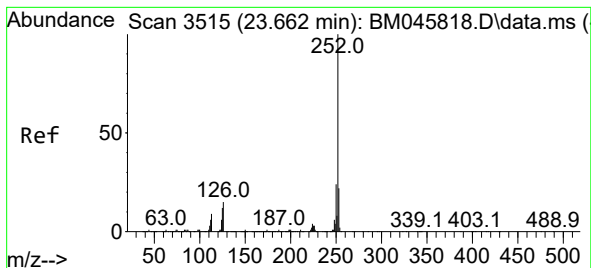
Ion Ratio Lower Upper

252 100

253 25.8 16.8 25.2#

125 22.1 8.2 12.4#





#93

Benzo(a)pyrene

Concen: 5.483 ng/ul

RT: 23.656 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM045826.D

Acq: 04 Jun 2024 21:11

Instrument :

BNA_M

ClientSampleId :

BH6C9

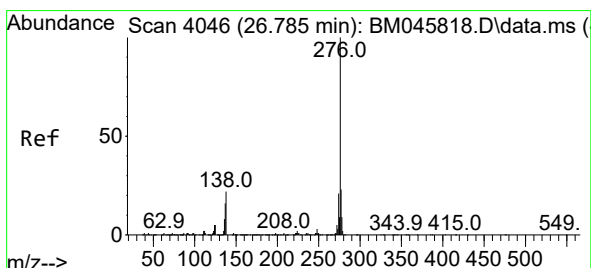
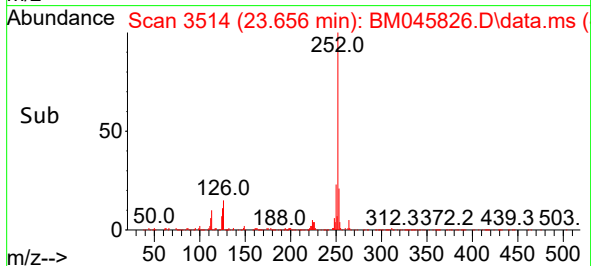
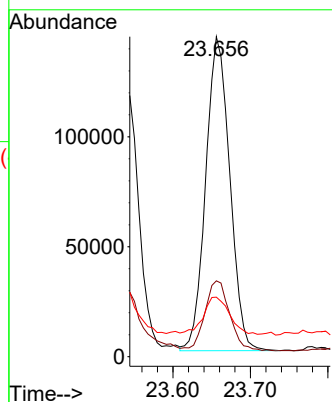
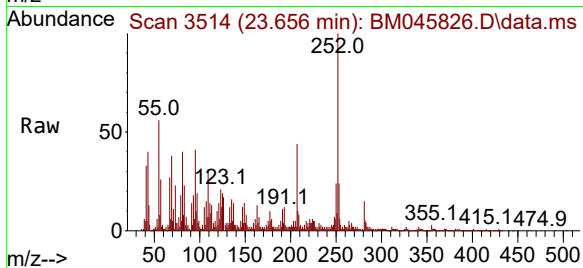
Tgt Ion:252 Resp: 307957

Ion Ratio Lower Upper

252 100

253 23.7 17.5 26.3

125 18.6 9.3 13.9#



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.249 ng/ul

RT: 26.791 min Scan# 4047

Delta R.T. -0.000 min

Lab File: BM045826.D

Acq: 04 Jun 2024 21:11

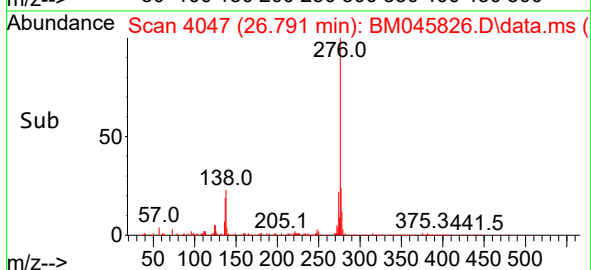
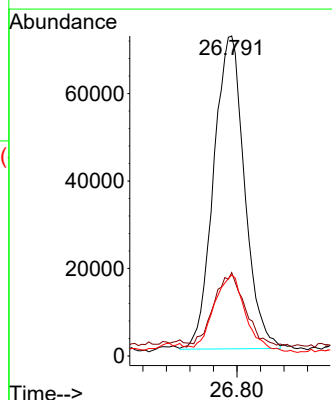
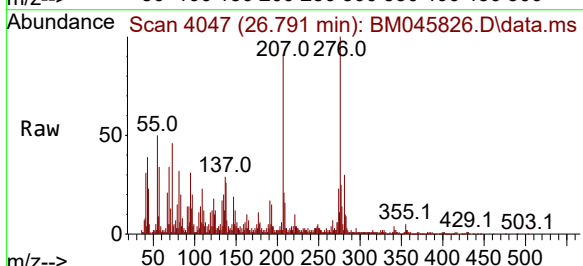
Tgt Ion:276 Resp: 260587

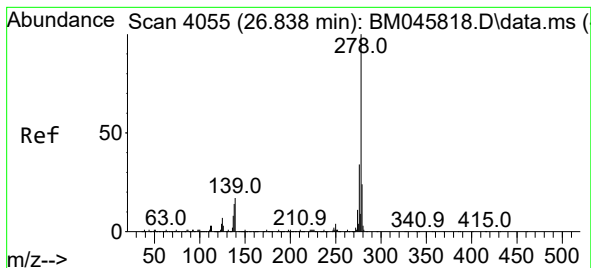
Ion Ratio Lower Upper

276 100

138 26.1 17.9 26.9

277 25.3 19.0 28.6





#95

Dibenzo(a,h)anthracene

Concen: 1.340 ng/ul

RT: 26.826 min Scan# 4055

Delta R.T. -0.012 min

Lab File: BM045826.D

Acq: 04 Jun 2024 21:11

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BH6C9

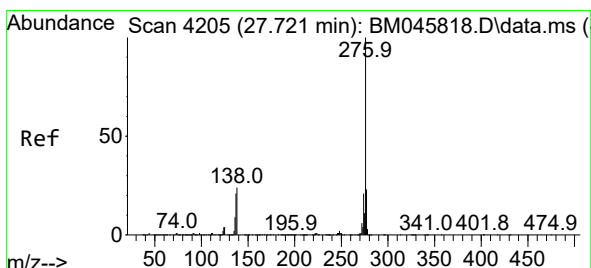
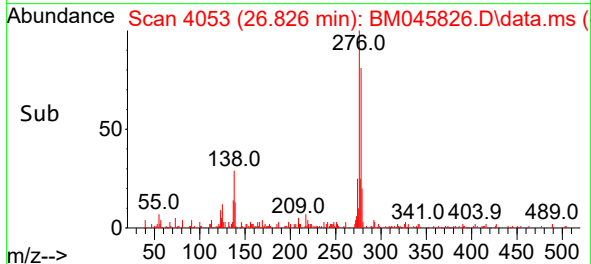
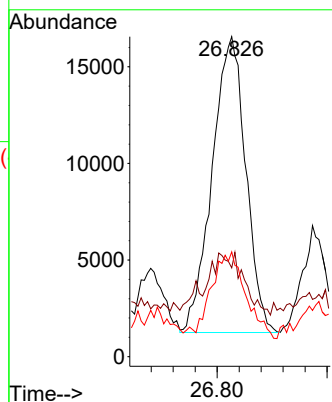
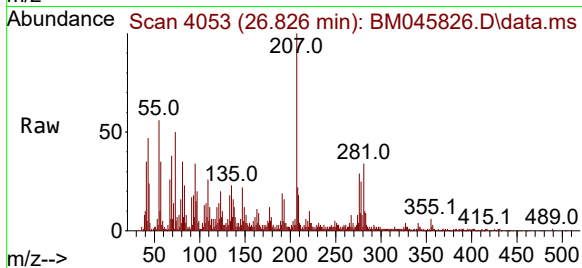
Tgt Ion:278 Resp: 64984

Ion Ratio Lower Upper

278 100

139 27.7 13.2 19.8#

279 32.8 19.1 28.7#



#96

Benzo(g,h,i)perylene

Concen: 4.413 ng/ul

RT: 27.720 min Scan# 4205

Delta R.T. -0.006 min

Lab File: BM045826.D

Acq: 04 Jun 2024 21:11

Tgt Ion:276 Resp: 238362

Ion Ratio Lower Upper

276 100

138 25.8 18.6 27.8

277 25.9 18.7 28.1

