

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112822\
 Data File : BM037757.D
 Acq On : 28 Nov 2022 13:32
 Operator : CG/JU
 Sample : N5658-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESQS9

Quant Time: Nov 28 22:28:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 28 22:24:47 2022
 Response via : Initial Calibration

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

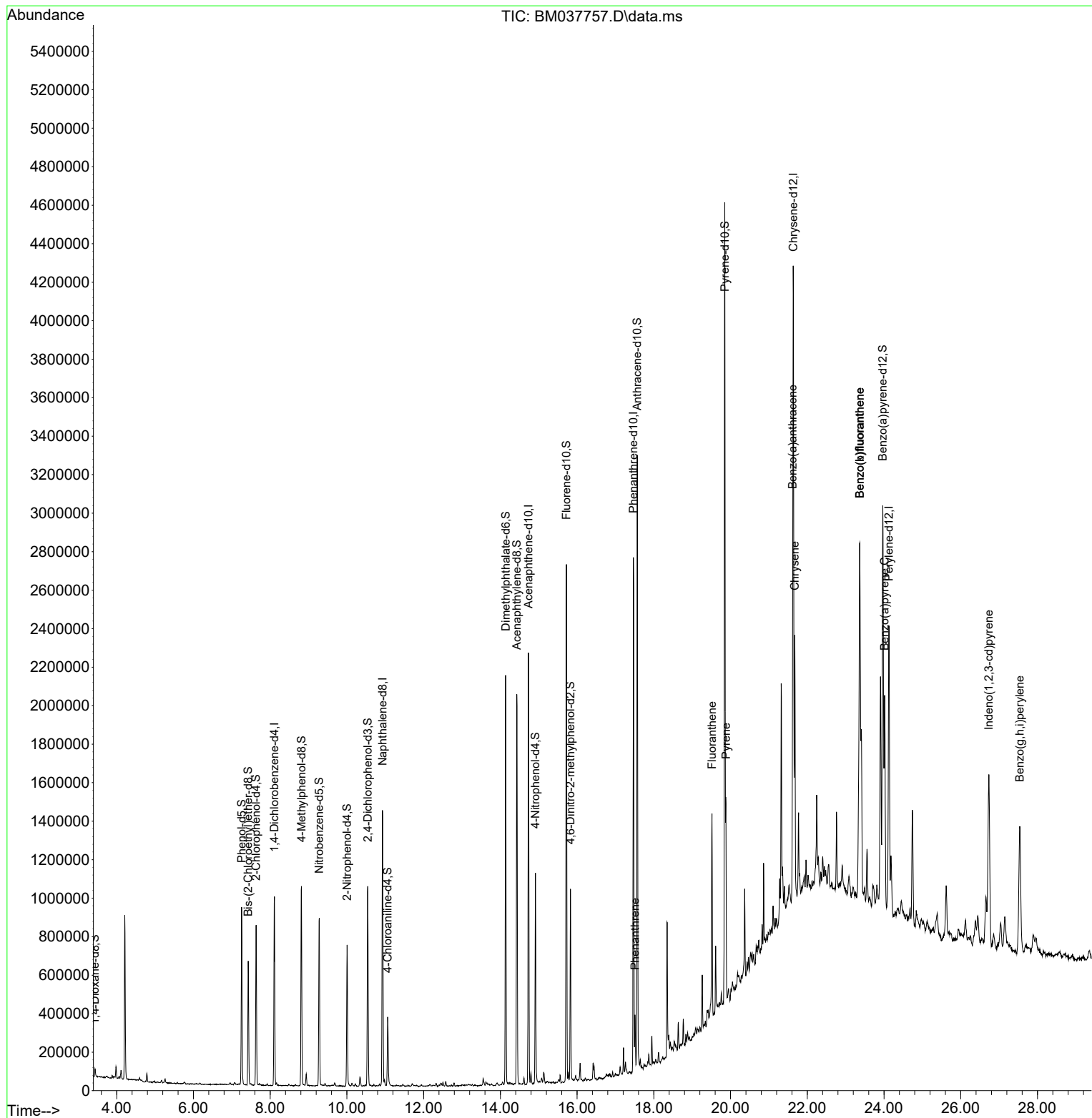
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	227468	20.000	ng/ul	0.00
20) Naphthalene-d8	10.927	136	1074113	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.733	164	667593	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.468	188	1359078	20.000	ng/ul	0.00
79) Chrysene-d12	21.638	240	1251615	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	1042394	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	18545	3.381	ng/uL	0.00
4) Pyridine-d5	3.887	84	1251	0.070	ng/ul	0.02
7) Phenol-d5	7.257	99	419045	18.465	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	278698	18.410	ng/ul	0.00
11) 2-Chlorophenol-d4	7.634	132	307597	19.507	ng/ul	0.00
15) 4-Methylphenol-d8	8.816	113	334212	18.507	ng/ul	0.00
21) Nitrobenzene-d5	9.280	128	169425	20.120	ng/ul	0.00
24) 2-Nitrophenol-d4	10.004	143	172105	20.743	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.545	165	303968	20.019	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	165102	6.553	ng/ul	0.00
46) Dimethylphthalate-d6	14.139	166	1039641	21.986	ng/ul	0.00
49) Acenaphthylene-d8	14.427	160	1193882	21.390	ng/ul	0.00
54) 4-Nitrophenol-d4	14.915	143	188350	18.083	ng/ul	0.00
60) Fluorene-d10	15.721	176	932153	22.508	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.827	200	135903	18.589	ng/ul	0.00
73) Anthracene-d10	17.568	188	1523908	23.978	ng/ul	0.00
81) Pyrene-d10	19.850	212	1846955	29.038	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	1361328	25.372	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.509	178	144900	1.820	ng/ul	99
80) Fluoranthene	19.515	202	557638	6.863	ng/ul	99
82) Pyrene	19.880	202	535906	6.245	ng/ul	97
85) Benzo(a)anthracene	21.621	228	558522	6.670	ng/ul	99
87) Chrysene	21.674	228	719101	9.126	ng/ul	99
90) Benzo(b)fluoranthene	23.368	252	1562469	22.049	ng/ul	99
91) Benzo(k)fluoranthene	23.368	252	1562469	22.609	ng/ul	100
93) Benzo(a)pyrene	24.015	252	759503	12.331	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.732	276	847657	11.997	ng/ul#	91
96) Benzo(g,h,i)perylene	27.538	276	782985	12.725	ng/ul	95

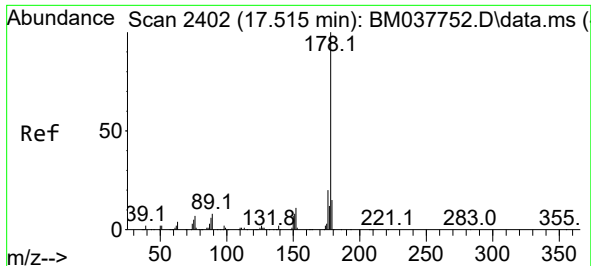
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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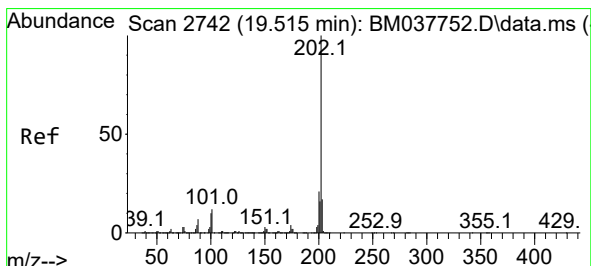
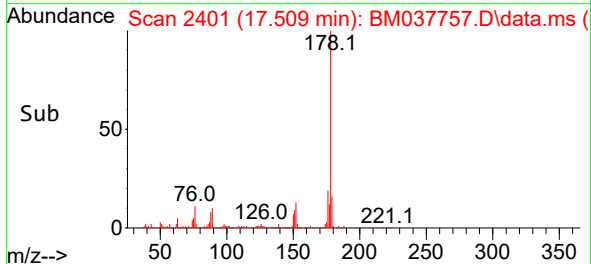
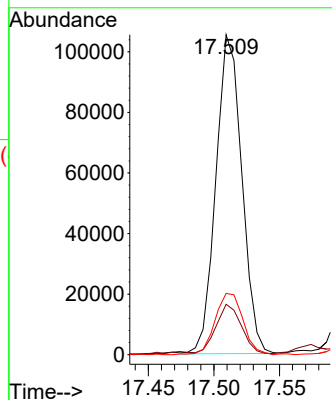
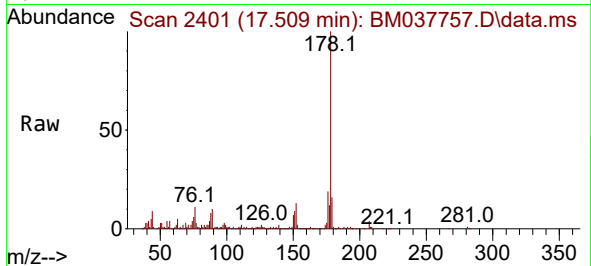




#72
Phenanthrene
Concen: 1.820 ng/ul
RT: 17.509 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM037757.D
Acq: 28 Nov 2022 13:32

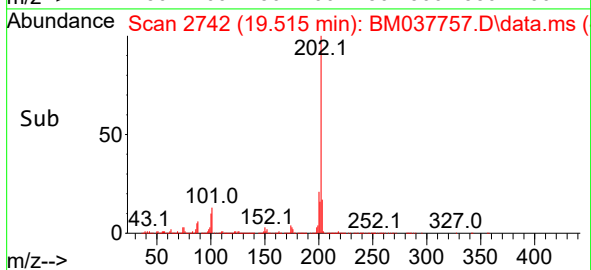
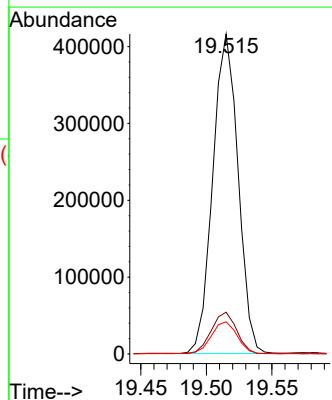
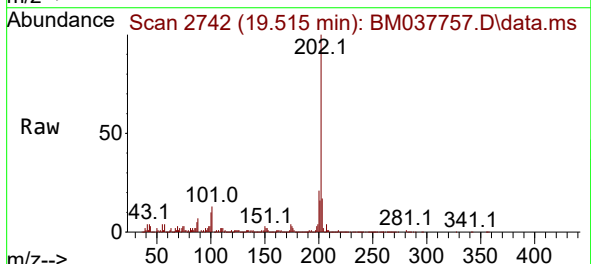
Instrument :
BNA_M
ClientSampleId :
ESQS9

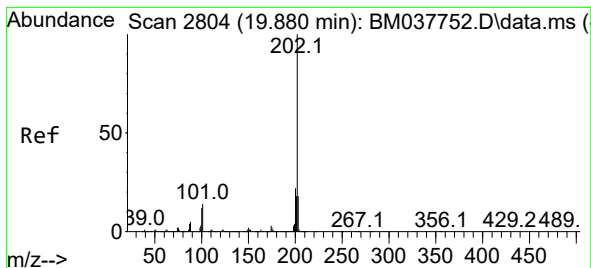
Tgt Ion:178 Resp: 144900
Ion Ratio Lower Upper
178 100
179 15.7 12.0 18.0
176 19.2 15.4 23.2



#80
Fluoranthene
Concen: 6.863 ng/ul
RT: 19.515 min Scan# 2742
Delta R.T. -0.000 min
Lab File: BM037757.D
Acq: 28 Nov 2022 13:32

Tgt Ion:202 Resp: 557638
Ion Ratio Lower Upper
202 100
101 13.1 10.6 16.0
100 10.1 8.2 12.4





#82

Pyrene

Concen: 6.245 ng/ul

RT: 19.880 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM037757.D

Acq: 28 Nov 2022 13:32

Instrument :

BNA_M

ClientSampleId :

ESQS9

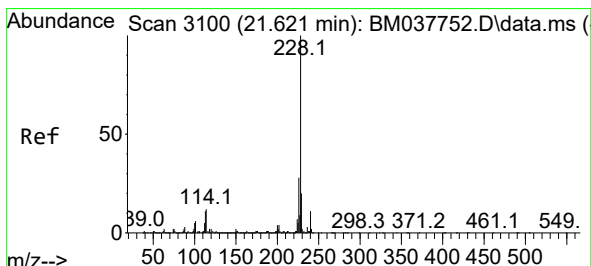
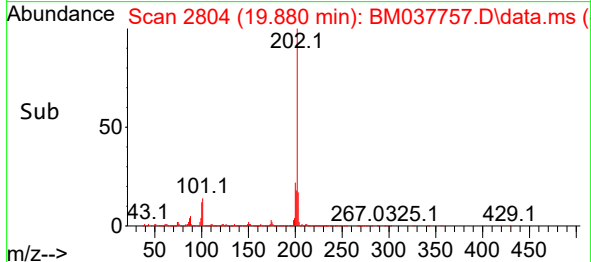
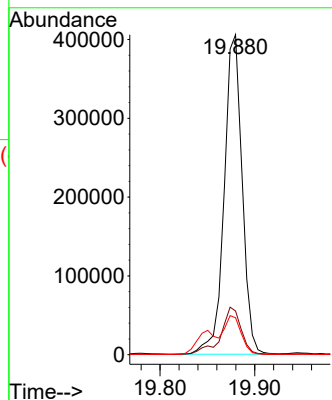
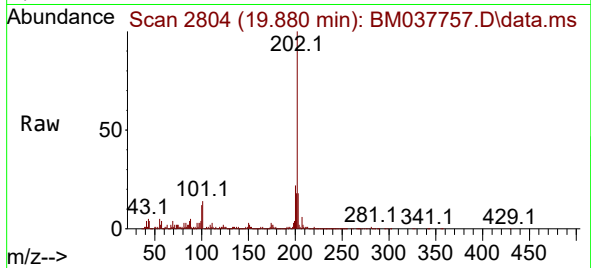
Tgt Ion:202 Resp: 535906

Ion Ratio Lower Upper

202 100

101 13.7 12.2 18.4

100 11.6 10.2 15.2



#85

Benzo(a)anthracene

Concen: 6.670 ng/ul

RT: 21.621 min Scan# 3100

Delta R.T. -0.000 min

Lab File: BM037757.D

Acq: 28 Nov 2022 13:32

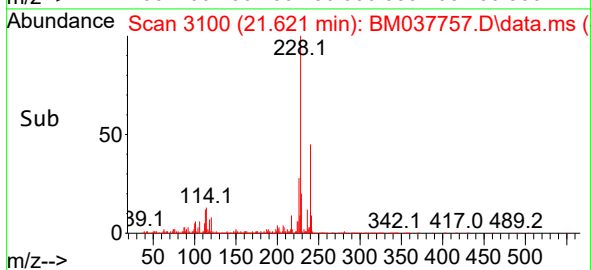
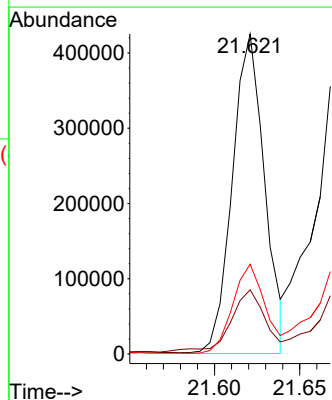
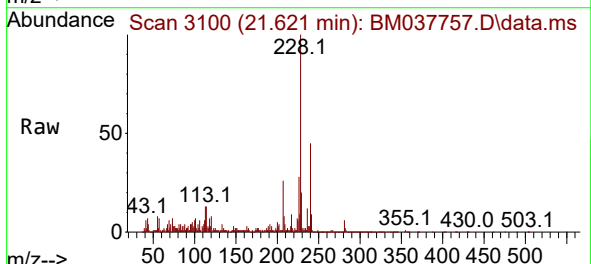
Tgt Ion:228 Resp: 558522

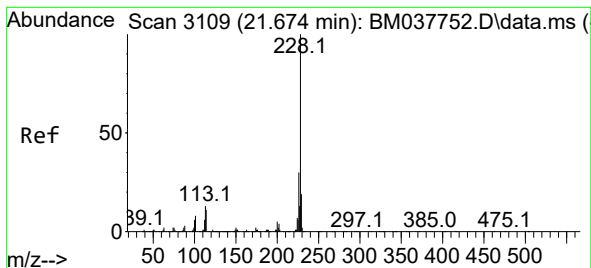
Ion Ratio Lower Upper

228 100

229 20.0 15.6 23.4

226 28.1 22.2 33.2





#87

Chrysene

Concen: 9.126 ng/ul

RT: 21.674 min Scan# 3109

Delta R.T. -0.000 min

Lab File: BM037757.D

Acq: 28 Nov 2022 13:32

Instrument :

BNA_M

ClientSampleId :

ESQS9

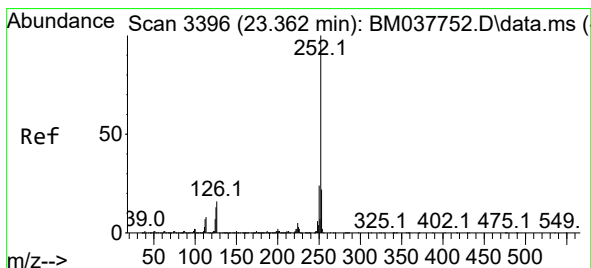
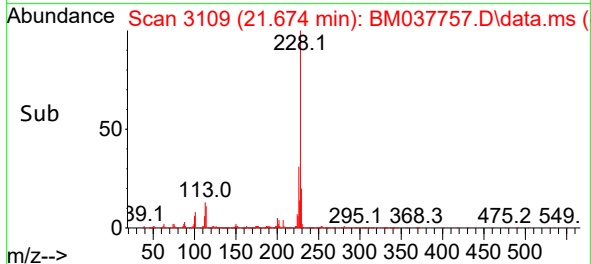
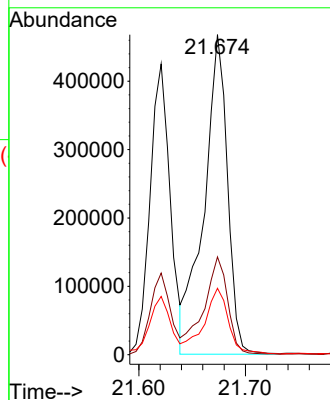
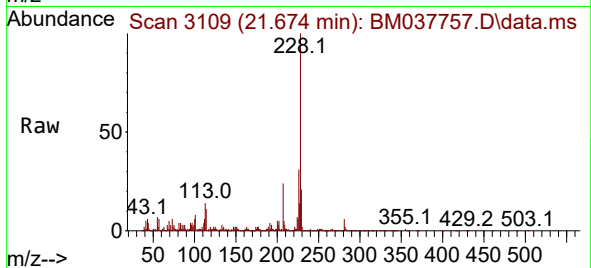
Tgt Ion:228 Resp: 719101

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.4

229 20.7 16.1 24.1



#90

Benzo(b)fluoranthene

Concen: 22.049 ng/ul

RT: 23.368 min Scan# 3397

Delta R.T. 0.006 min

Lab File: BM037757.D

Acq: 28 Nov 2022 13:32

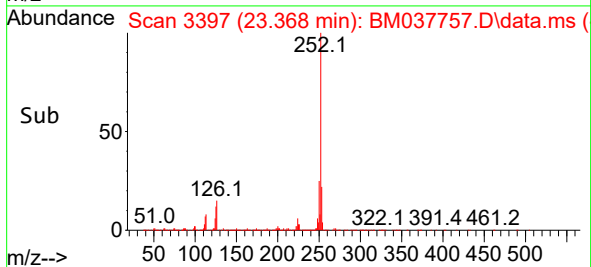
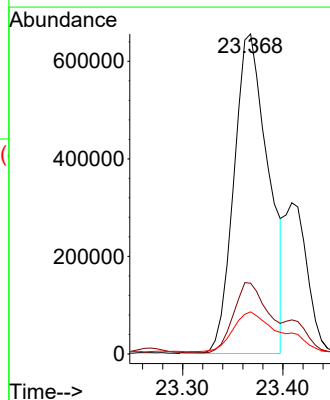
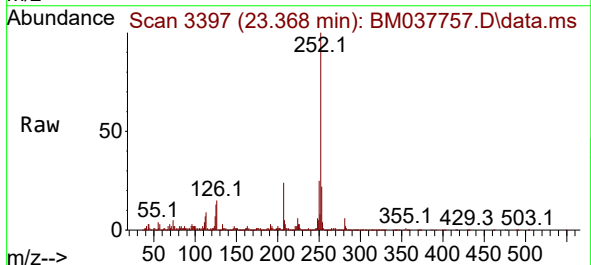
Tgt Ion:252 Resp: 1562469

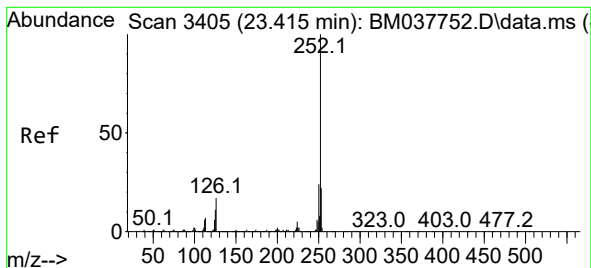
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 13.1 11.0 16.4





#91

Benzo(k)fluoranthene

Concen: 22.609 ng/ul

RT: 23.368 min Scan# 31

Delta R.T. -0.047 min

Lab File: BM037757.D

Acq: 28 Nov 2022 13:32

Instrument :

BNA_M

ClientSampleId :

ESQS9

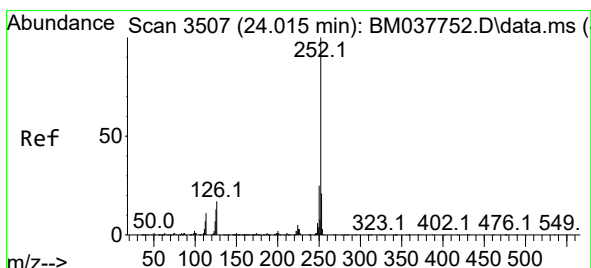
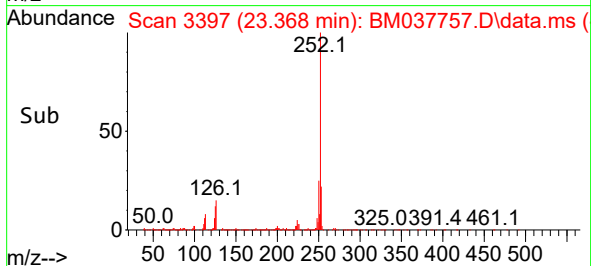
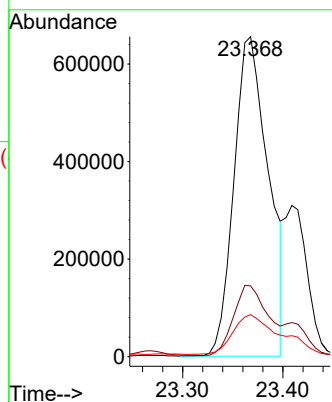
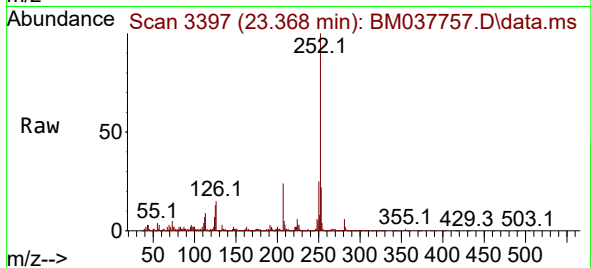
Tgt Ion:252 Resp: 1562469

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 13.1 10.6 16.0



#93

Benzo(a)pyrene

Concen: 12.331 ng/ul

RT: 24.015 min Scan# 3507

Delta R.T. -0.000 min

Lab File: BM037757.D

Acq: 28 Nov 2022 13:32

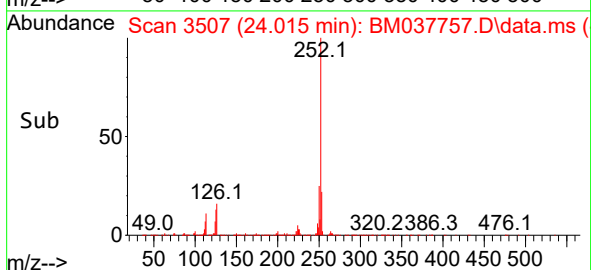
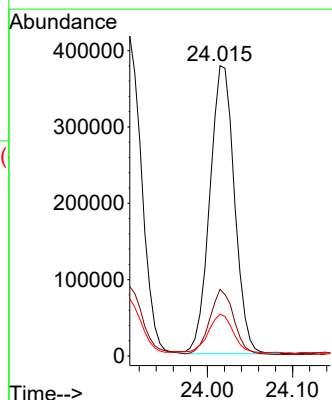
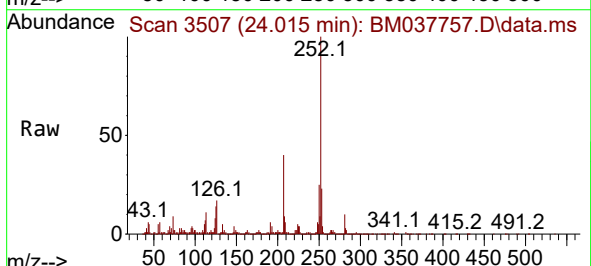
Tgt Ion:252 Resp: 759503

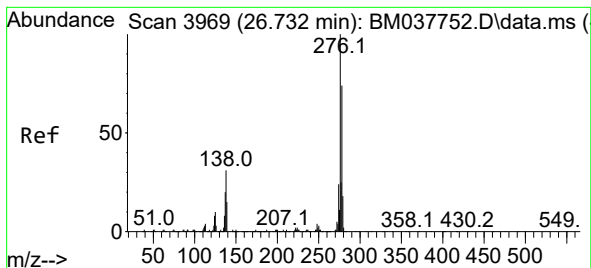
Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

125 14.3 12.0 18.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 11.997 ng/ul

RT: 26.732 min Scan# 3969

Delta R.T. -0.000 min

Lab File: BM037757.D

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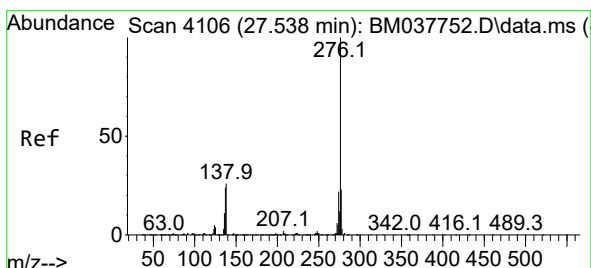
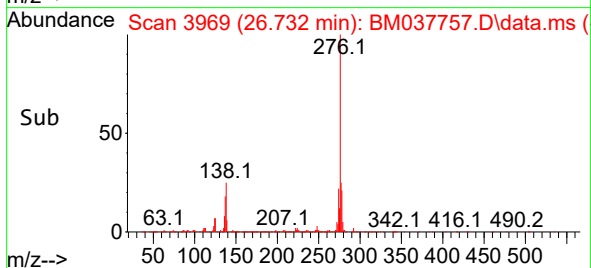
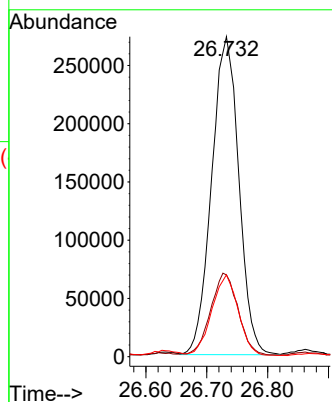
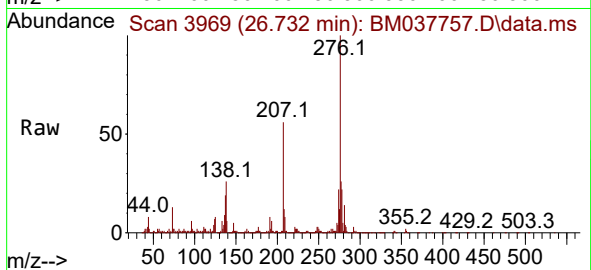
Tgt Ion:276 Resp: 847657

Ion Ratio Lower Upper

276 100

138 25.6 26.9 40.3#

277 25.6 19.9 29.9



#96

Benzo(g,h,i)perylene

Concen: 12.725 ng/ul

RT: 27.538 min Scan# 4106

Delta R.T. -0.000 min

Lab File: BM037757.D

Acq: 28 Nov 2022 13:32

Tgt Ion:276 Resp: 782985

Ion Ratio Lower Upper

276 100

138 25.0 23.4 35.2

277 23.3 19.1 28.7

