

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
 Data File : BM036560.D
 Acq On : 16 Sep 2022 13:35
 Operator : CG/JU
 Sample : N4601-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5744

Quant Time: Sep 16 22:58:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 16 02:39:54 2022
 Response via : Initial Calibration

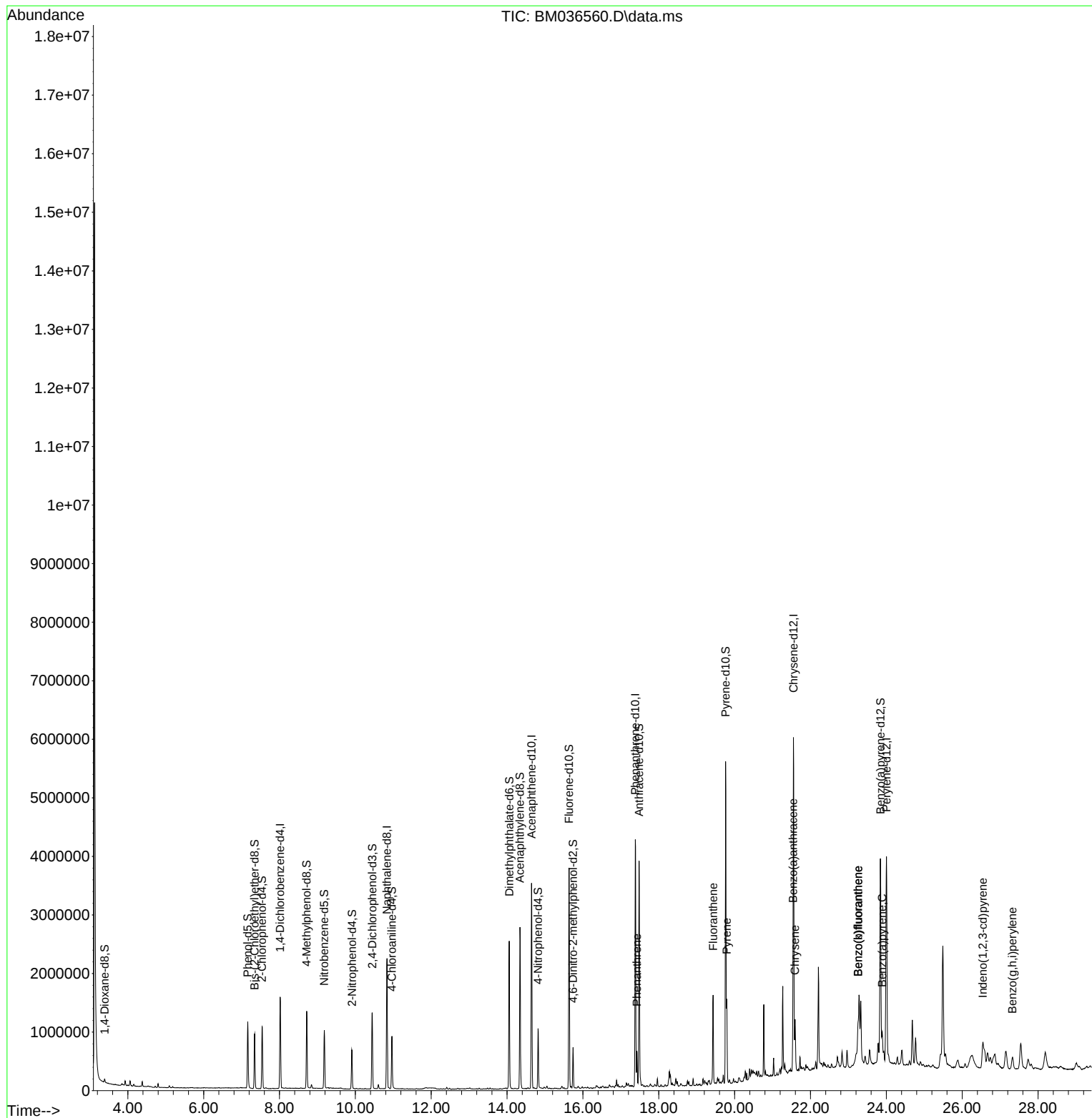
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	424286	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.834	136	1824803	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.645	164	1152125	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	2435472	20.000	ng/u1	-0.01
79) Chrysene-d12	21.551	240	2522704	20.000	ng/u1	0.00
88) Perylene-d12	24.003	264	2618281	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	33082	2.923	ng/uL	0.00
4) Pyridine-d5	3.817	84	1586	0.048	ng/u1	0.00
7) Phenol-d5	7.163	99	621402	16.389	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.340	67	403105	17.506	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.540	132	499133	18.285	ng/u1	-0.01
15) 4-Methylphenol-d8	8.716	113	460183	16.426	ng/u1	-0.02
21) Nitrobenzene-d5	9.181	128	229247	18.561	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.910	143	209891	18.972	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	457092	17.828	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.963	131	478976	11.236	ng/u1	-0.01
46) Dimethylphthalate-d6	14.057	166	1492142	19.203	ng/u1	0.00
49) Acenaphthylene-d8	14.339	160	1742417	18.904	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.816	143	211830	14.055	ng/u1	-0.01
60) Fluorene-d10	15.633	176	1362718	19.569	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	119793	12.432	ng/u1	-0.01
73) Anthracene-d10	17.480	188	2042858	18.345	ng/u1	0.00
81) Pyrene-d10	19.763	212	2622556	21.131	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.845	264	2596762	20.300	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.422	178	353624	2.636	ng/u1	99
80) Fluoranthene	19.433	202	839771	5.522	ng/u1	99
82) Pyrene	19.792	202	782214	4.859	ng/u1	98
85) Benzo(a)anthracene	21.539	228	387146	2.449	ng/u1	94
87) Chrysene	21.592	228	425472	2.836	ng/u1	97
90) Benzo(b)fluoranthene	23.256	252	586379	3.532	ng/u1	99
91) Benzo(k)fluoranthene	23.256	252	586379	3.534	ng/u1	98
93) Benzo(a)pyrene	23.892	252	386356	2.647	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.544	276	272647	1.600	ng/u1	96
96) Benzo(g,h,i)perylene	27.321	276	236088	1.598	ng/u1	97

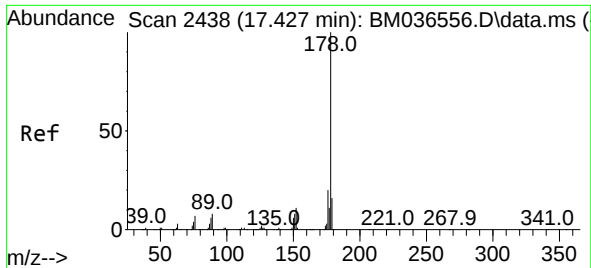
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
Data File : BM036560.D
Acq On : 16 Sep 2022 13:35
Operator : CG/JU
Sample : N4601-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5744

Quant Time: Sep 16 22:58:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

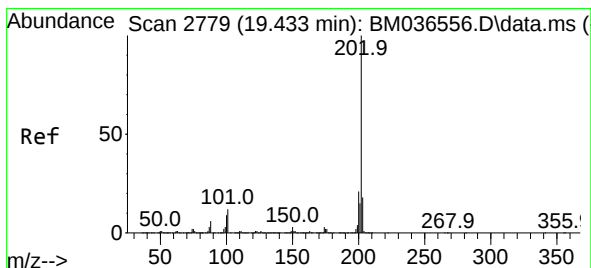
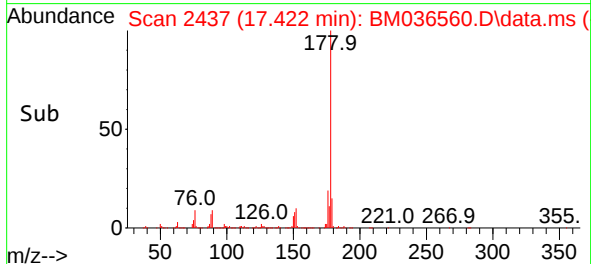
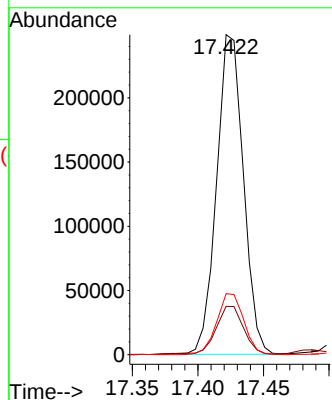
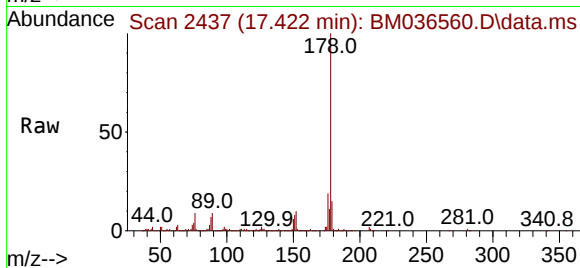




#72
Phenanthrene
Concen: 2.636 ng/ul
RT: 17.422 min Scan# 2438
Delta R.T. -0.011 min
Lab File: BM036560.D
Acq: 16 Sep 2022 13:35

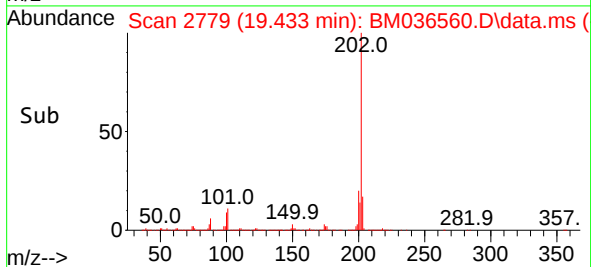
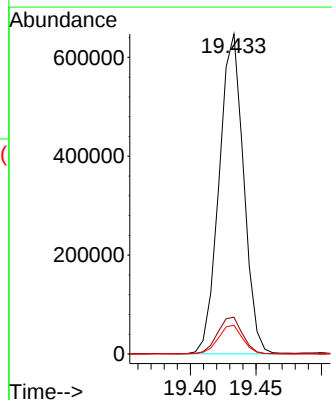
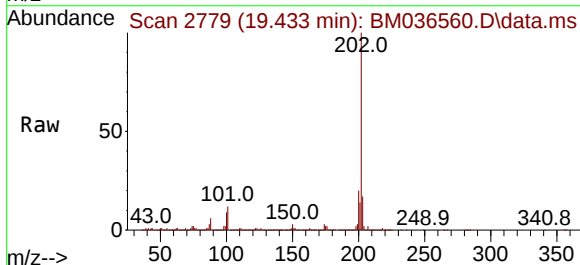
Instrument :
BNA_M
ClientSampleId :
A5744

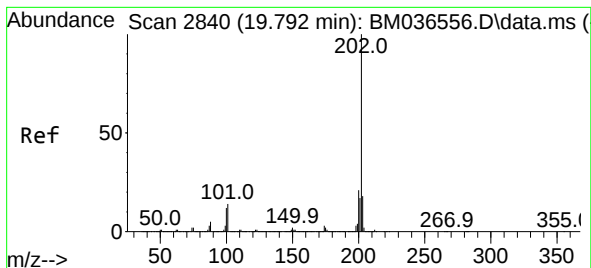
Tgt Ion:178 Resp: 353624
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.2
176 19.1 15.7 23.5



#80
Fluoranthene
Concen: 5.522 ng/ul
RT: 19.433 min Scan# 2779
Delta R.T. 0.000 min
Lab File: BM036560.D
Acq: 16 Sep 2022 13:35

Tgt Ion:202 Resp: 839771
Ion Ratio Lower Upper
202 100
101 11.5 9.8 14.6
100 9.0 7.4 11.2





#82

Pyrene

Concen: 4.859 ng/ul

RT: 19.792 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM036560.D

Acq: 16 Sep 2022 13:35

Instrument :

BNA_M

ClientSampleId :

A5744

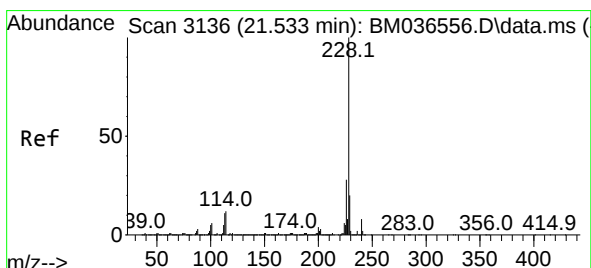
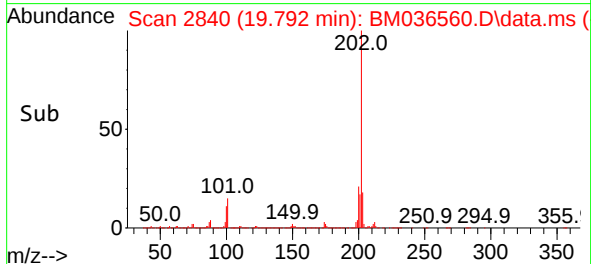
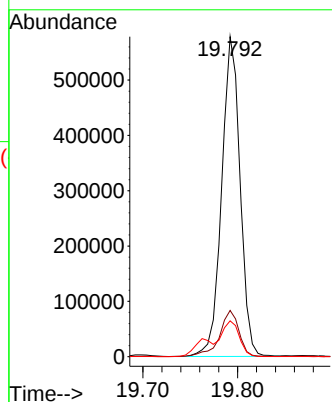
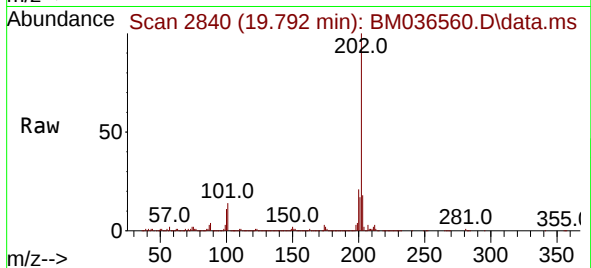
Tgt Ion:202 Resp: 782214

Ion Ratio Lower Upper

202 100

101 14.5 10.9 16.3

100 11.2 8.7 13.1



#85

Benzo(a)anthracene

Concen: 2.449 ng/ul

RT: 21.539 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BM036560.D

Acq: 16 Sep 2022 13:35

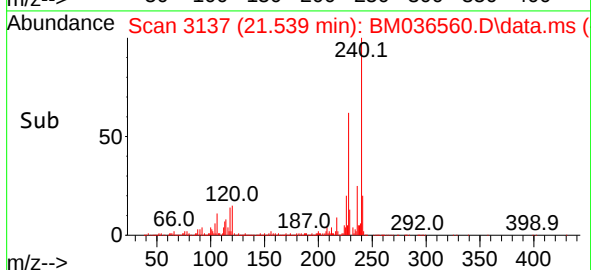
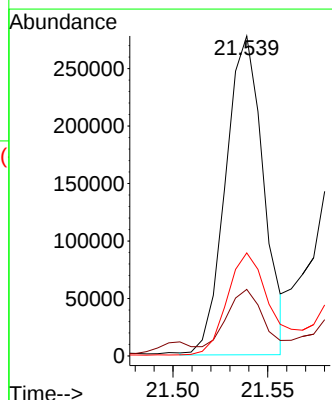
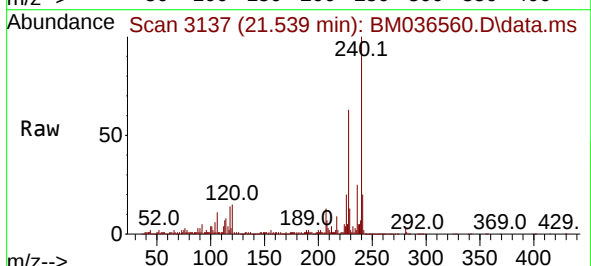
Tgt Ion:228 Resp: 387146

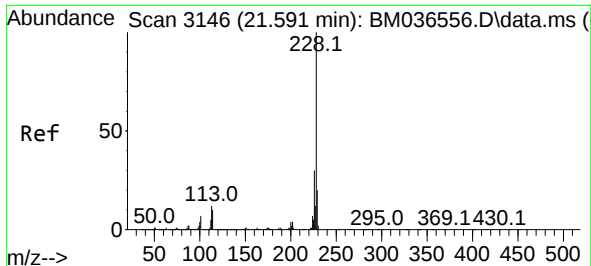
Ion Ratio Lower Upper

228 100

229 20.8 15.8 23.8

226 32.2 21.9 32.9





#87

Chrysene

Concen: 2.836 ng/ul

RT: 21.592 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BM036560.D

Acq: 16 Sep 2022 13:35

Instrument :

BNA_M

ClientSampleId :

A5744

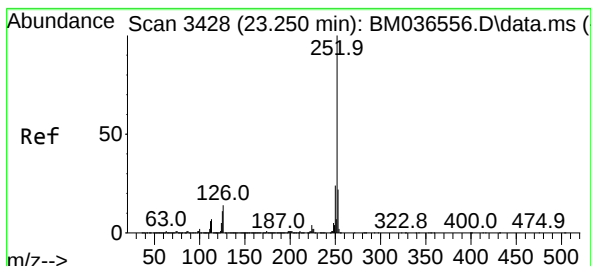
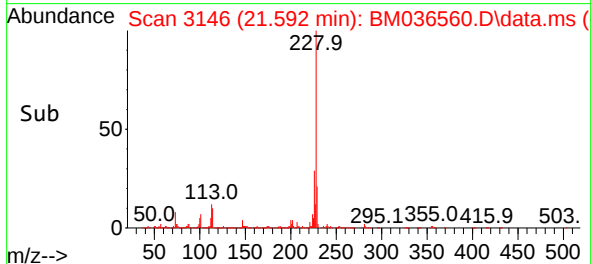
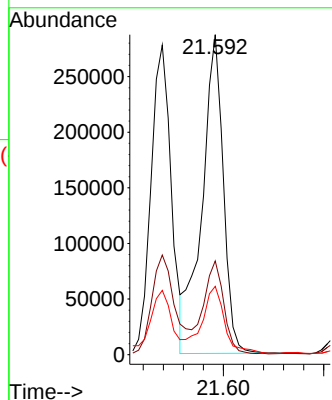
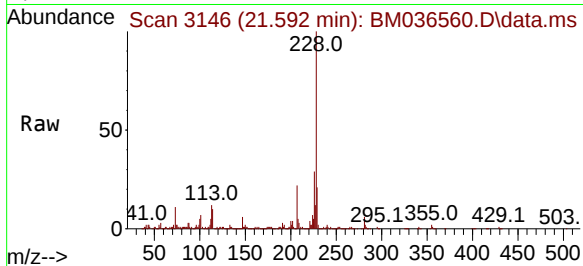
Tgt Ion:228 Resp: 425472

Ion Ratio Lower Upper

228 100

226 29.3 24.4 36.6

229 21.4 15.6 23.4



#90

Benzo(b)fluoranthene

Concen: 3.532 ng/ul

RT: 23.256 min Scan# 3429

Delta R.T. 0.006 min

Lab File: BM036560.D

Acq: 16 Sep 2022 13:35

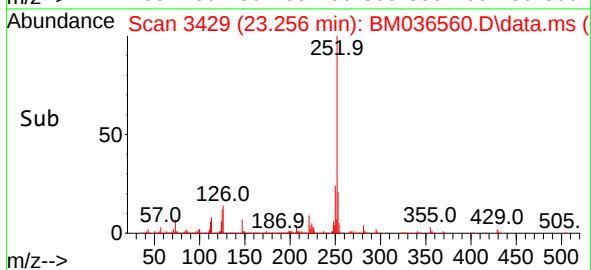
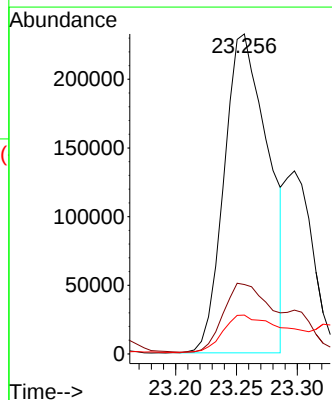
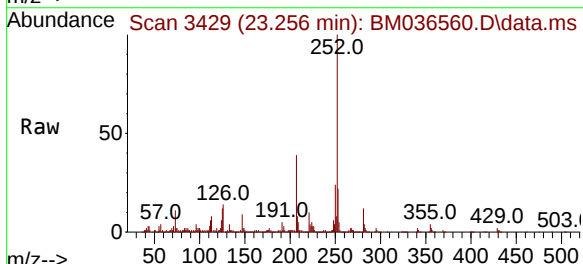
Tgt Ion:252 Resp: 586379

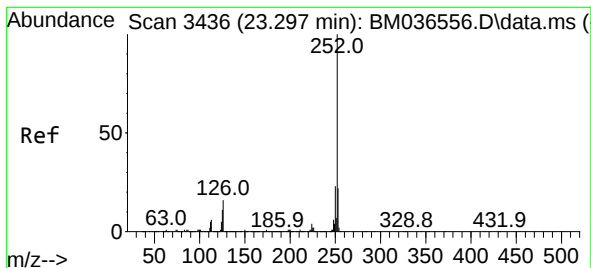
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 12.1 9.1 13.7





#91

Benzo(k)fluoranthene

Concen: 3.534 ng/ul

RT: 23.256 min Scan# 34

Delta R.T. -0.047 min

Lab File: BM036560.D

Acq: 16 Sep 2022 13:35

Instrument :

BNA_M

ClientSampleId :

A5744

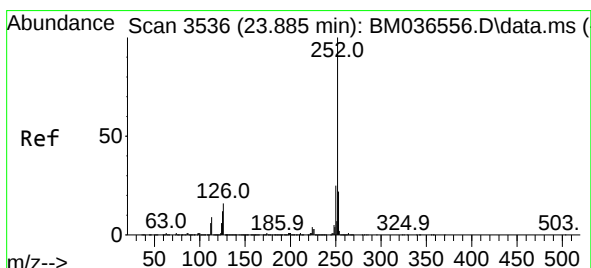
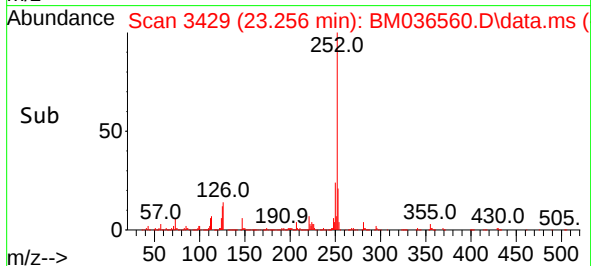
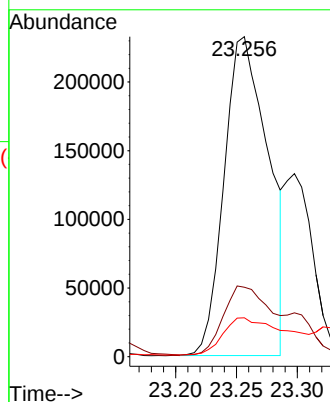
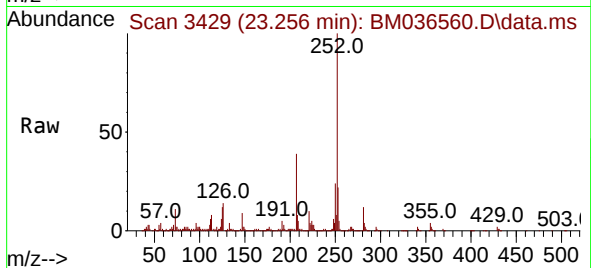
Tgt Ion:252 Resp: 586379

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 12.1 8.2 12.4



#93

Benzo(a)pyrene

Concen: 2.647 ng/ul

RT: 23.892 min Scan# 3537

Delta R.T. 0.000 min

Lab File: BM036560.D

Acq: 16 Sep 2022 13:35

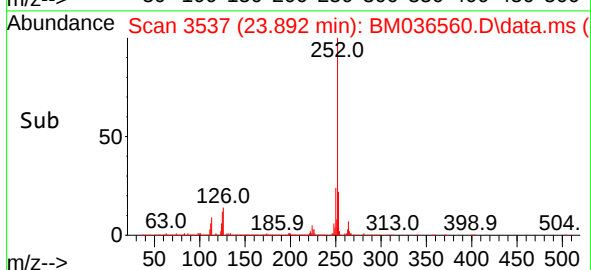
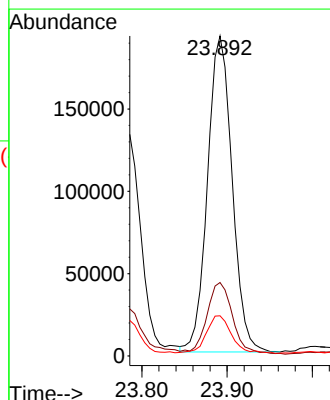
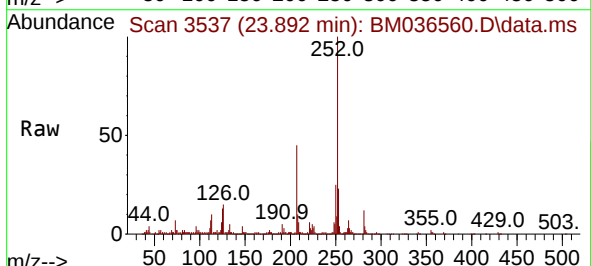
Tgt Ion:252 Resp: 386356

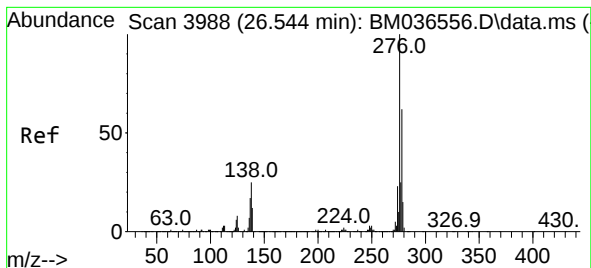
Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

125 12.5 9.5 14.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.600 ng/ul

RT: 26.544 min Scan# 3988

Delta R.T. -0.006 min

Lab File: BM036560.D

Acq: 16 Sep 2022 13:35

Instrument :

BNA_M

ClientSampleId :

A5744

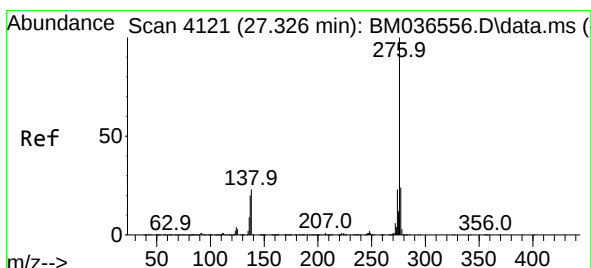
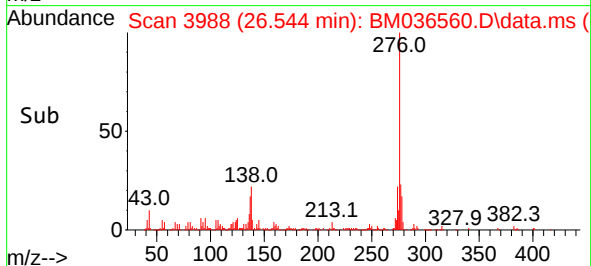
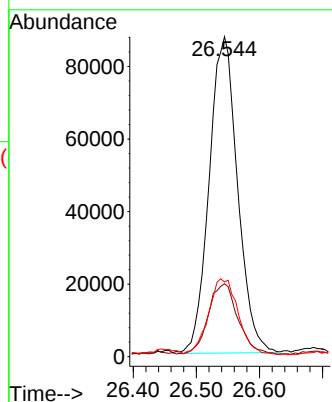
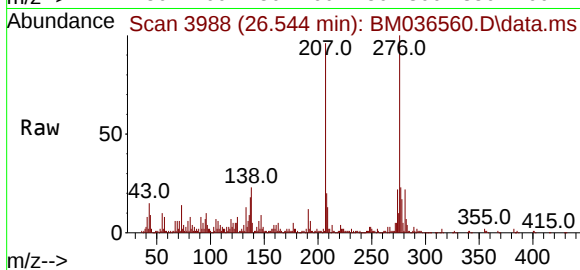
Tgt Ion:276 Resp: 272647

Ion Ratio Lower Upper

276 100

138 22.8 20.2 30.4

277 23.4 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 1.598 ng/ul

RT: 27.321 min Scan# 4120

Delta R.T. -0.011 min

Lab File: BM036560.D

Acq: 16 Sep 2022 13:35

Tgt Ion:276 Resp: 236088

Ion Ratio Lower Upper

276 100

138 21.6 18.7 28.1

277 22.6 19.2 28.8

