

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047872.D
 Acq On : 05 Oct 2024 11:27
 Operator : RC/JU
 Sample : P4083-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 05 23:05:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

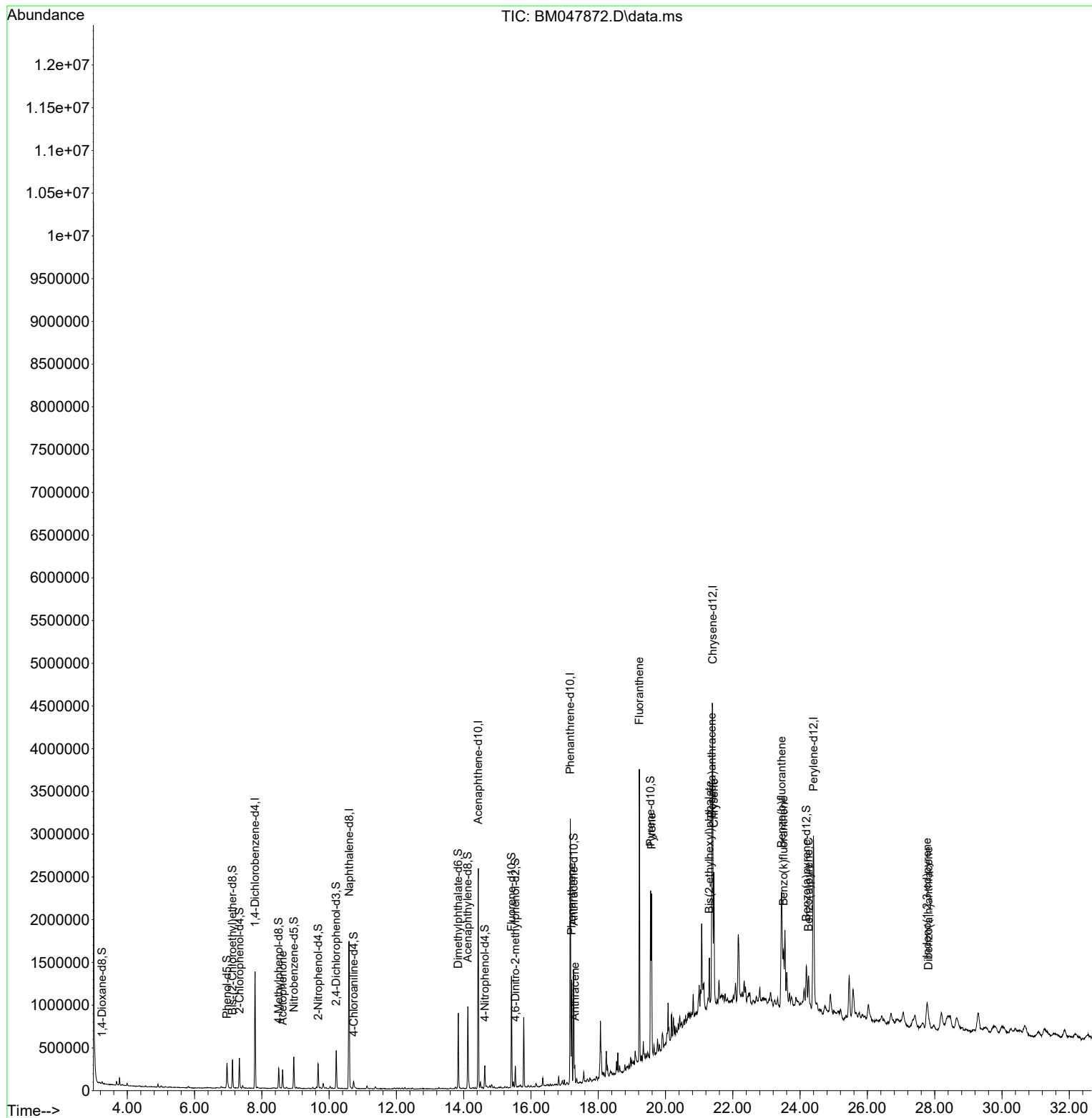
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	371395	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	1475781	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.433	164	903144	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	1842462	20.000	ng/ul	0.00
79) Chrysene-d12	21.397	240	1715988	20.000	ng/ul	0.00
88) Perylene-d12	24.397	264	1980971	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	11516	1.002	ng/uL	0.00
4) Pyridine-d5	3.663	84	1150	0.034	ng/ul	0.00
7) Phenol-d5	6.963	99	162044	4.614	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	143747	5.768	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	167120	6.541	ng/ul	0.00
15) 4-Methylphenol-d8	8.498	113	91846	3.518	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	88432	7.526	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	94505	8.393	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	167424	7.443	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	57245	1.646	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	564620	8.623	ng/ul	0.00
49) Acenaphthylene-d8	14.121	160	639153	8.233	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	60673	4.654	ng/ul	0.00
60) Fluorene-d10	15.421	176	507559	8.949	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	46578	4.320	ng/ul	0.00
73) Anthracene-d10	17.268	188	767816	8.475	ng/ul	0.00
81) Pyrene-d10	19.556	212	755025	7.753	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.186	264	514411	5.005	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.616	105	114778	2.569	ng/ul	90
72) Phenanthrene	17.209	178	733179	6.786	ng/ul	99
74) Anthracene	17.304	178	137084	1.244	ng/ul	99
80) Fluoranthene	19.221	202	2012924	17.549	ng/ul	99
82) Pyrene	19.586	202	1234676	9.671	ng/ul#	95
85) Benzo(a)anthracene	21.374	228	854438	7.112	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.303	149	231453	3.416	ng/ul	99
87) Chrysene	21.439	228	1015023	8.666	ng/ul	97
90) Benzo(b)fluoranthene	23.450	252	1423865	11.526	ng/ul	98
91) Benzo(k)fluoranthene	23.503	252	449854	3.561	ng/ul	97
93) Benzo(a)pyrene	24.250	252	377424	3.217	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.773	276	441608	2.937	ng/ul	98
95) Dibenzo(a,h)anthracene	27.815	278	166753	1.353	ng/ul#	90

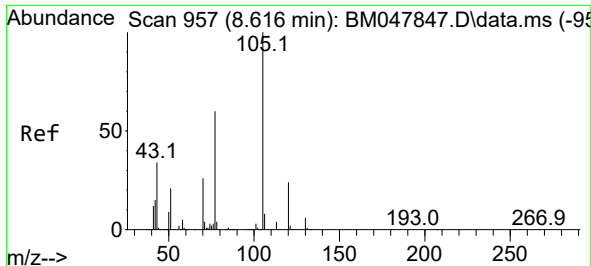
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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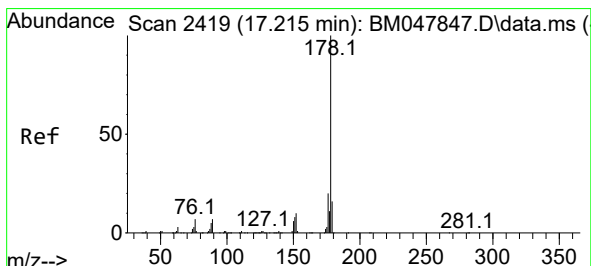
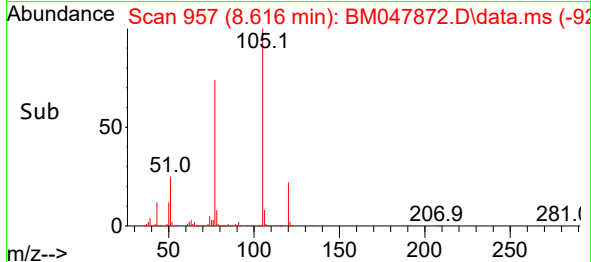
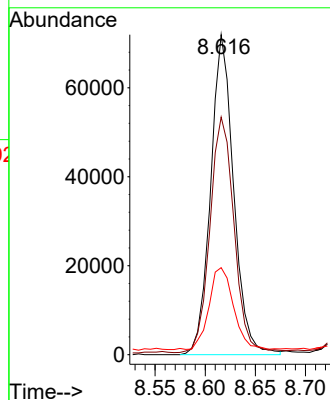
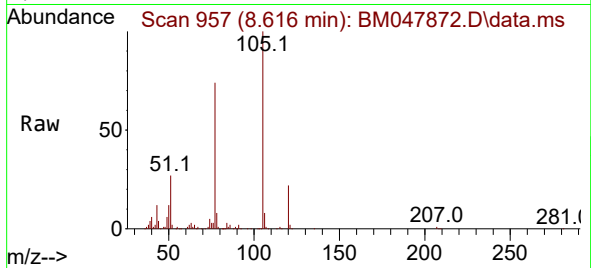




#16
Acetophenone
Concen: 2.569 ng/ul
RT: 8.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047872.D
Acq: 05 Oct 2024 11:27

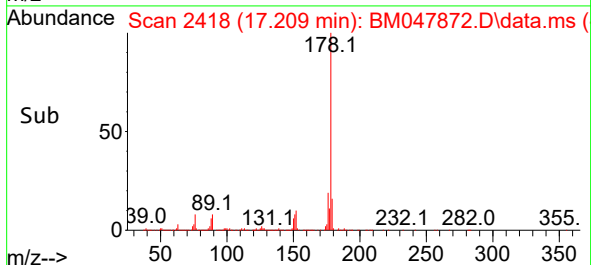
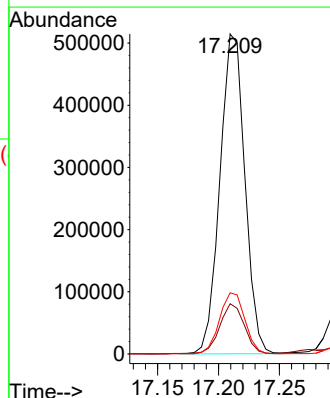
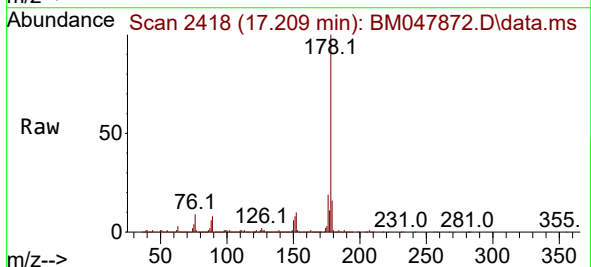
Instrument :
BNA_M
ClientSampleId :

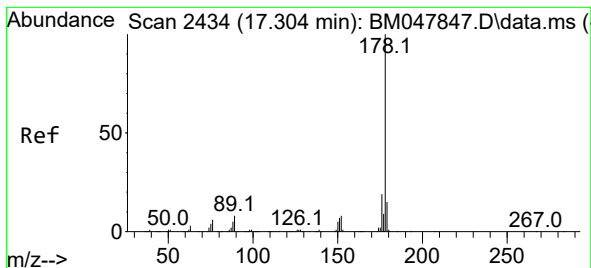
Tgt Ion:105 Resp: 114778
Ion Ratio Lower Upper
105 100
77 74.3 66.6 100.0
51 27.2 27.0 40.4



#72
Phenanthrene
Concen: 6.786 ng/ul
RT: 17.209 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM047872.D
Acq: 05 Oct 2024 11:27

Tgt Ion:178 Resp: 733179
Ion Ratio Lower Upper
178 100
179 15.7 12.0 18.0
176 19.1 15.4 23.0





#74

Anthracene

Concen: 1.244 ng/ul

RT: 17.304 min Scan# 2434

Delta R.T. 0.000 min

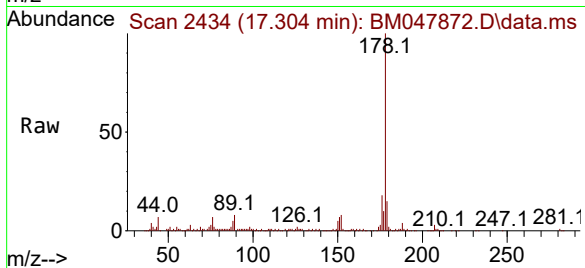
Lab File: BM047872.D

Acq: 05 Oct 2024 11:27

Instrument :

BNA_M

ClientSampleId :



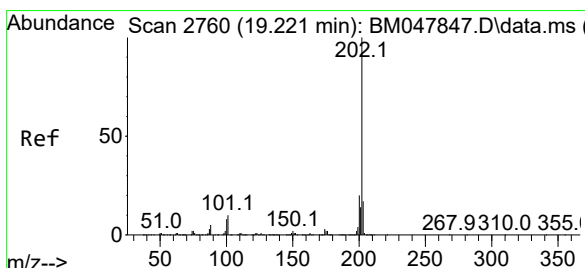
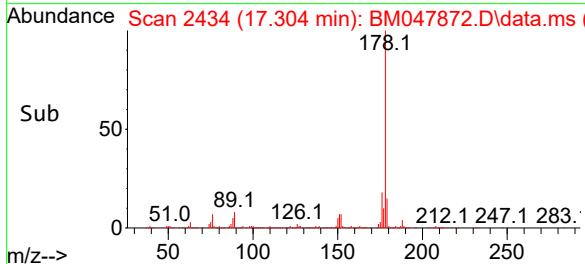
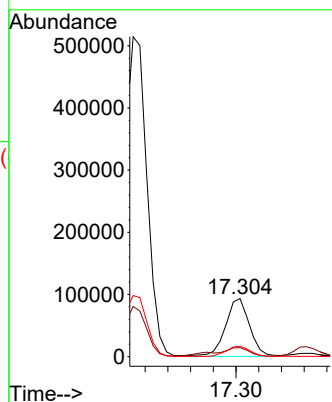
Tgt Ion:178 Resp: 137084

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 17.9 14.7 22.1



#80

Fluoranthene

Concen: 17.549 ng/ul

RT: 19.221 min Scan# 2760

Delta R.T. -0.006 min

Lab File: BM047872.D

Acq: 05 Oct 2024 11:27

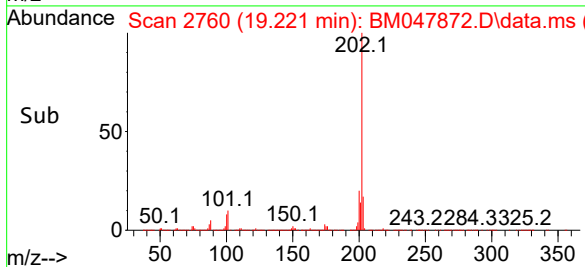
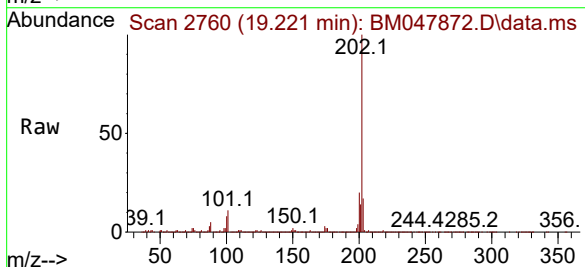
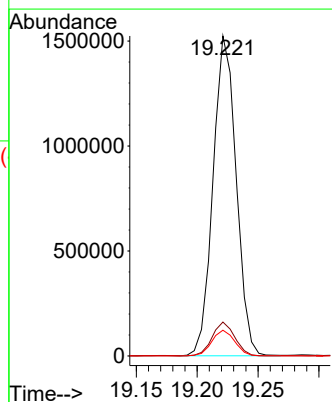
Tgt Ion:202 Resp: 2012924

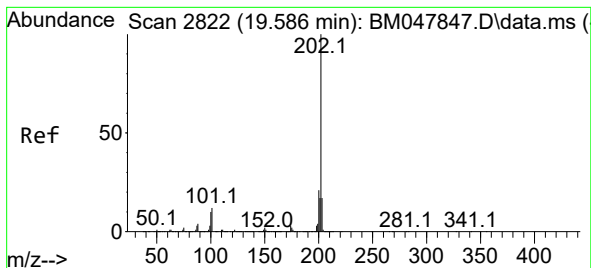
Ion Ratio Lower Upper

202 100

101 10.6 9.0 13.4

100 8.0 6.8 10.2





#82

Pyrene

Concen: 9.671 ng/ul

RT: 19.586 min Scan# 21

Delta R.T. 0.000 min

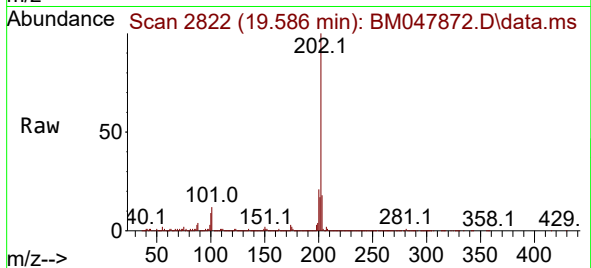
Lab File: BM047872.D

Acq: 05 Oct 2024 11:27

Instrument :

BNA_M

ClientSampleId :



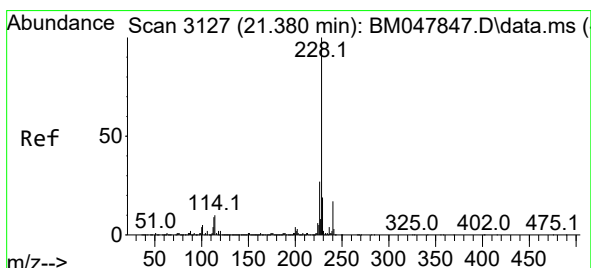
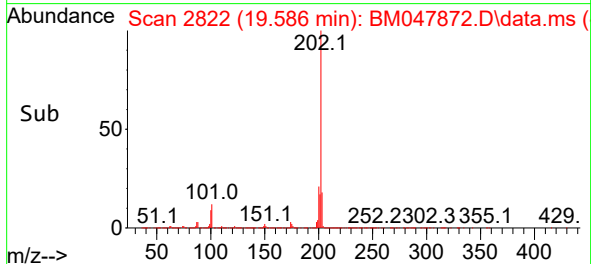
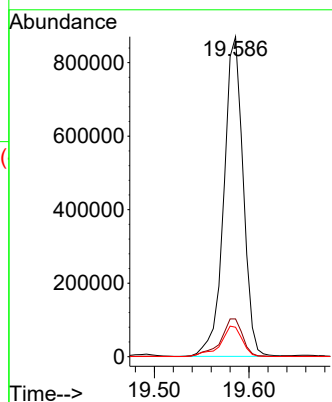
Tgt Ion:202 Resp: 1234676

Ion Ratio Lower Upper

202 100

101 11.8 10.9 16.3

100 9.2 9.4 14.2#



#85

Benzo(a)anthracene

Concen: 7.112 ng/ul

RT: 21.374 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BM047872.D

Acq: 05 Oct 2024 11:27

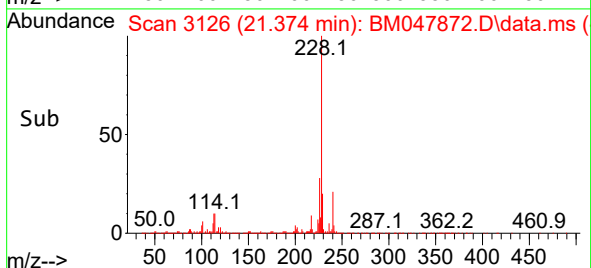
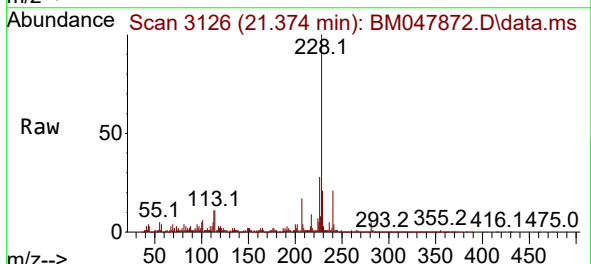
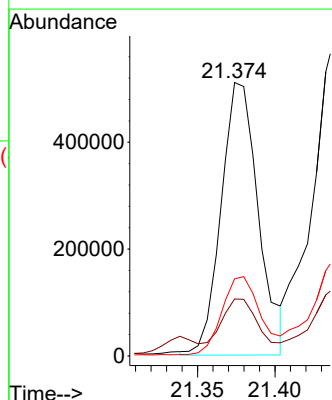
Tgt Ion:228 Resp: 854438

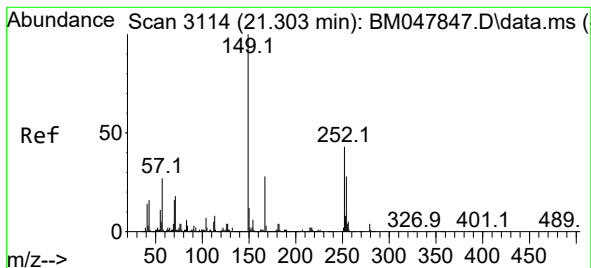
Ion Ratio Lower Upper

228 100

229 20.8 15.6 23.4

226 28.2 21.9 32.9

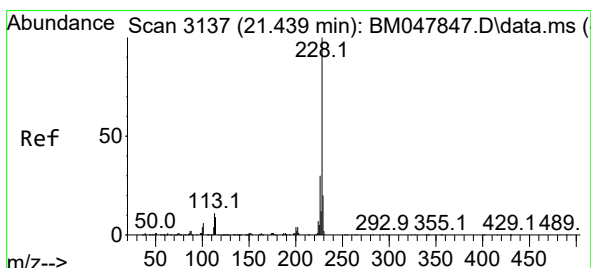
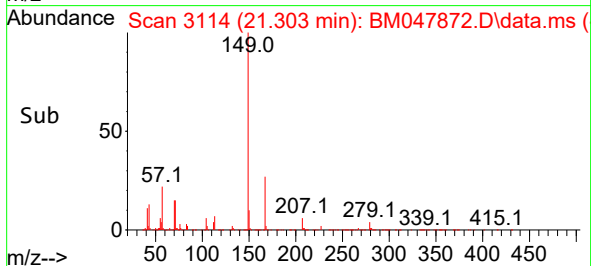
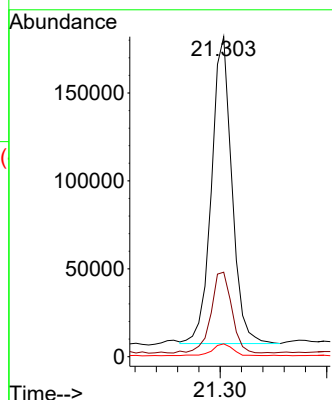
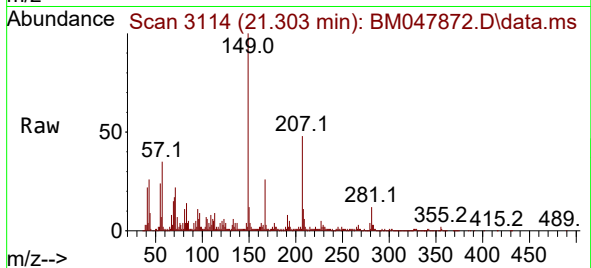




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 3.416 ng/ul
 RT: 21.303 min Scan# 3114
 Delta R.T. 0.000 min
 Lab File: BM047872.D
 Acq: 05 Oct 2024 11:27

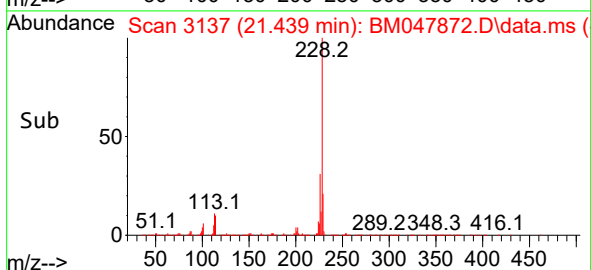
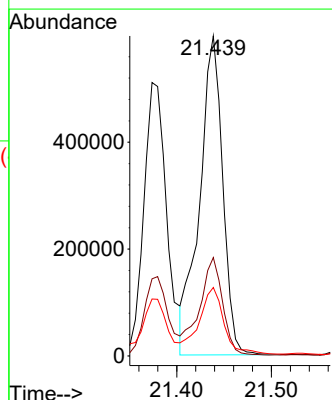
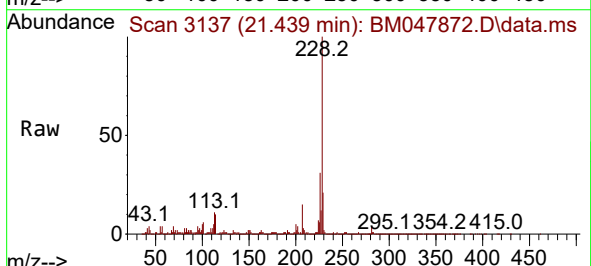
Instrument :
 BNA_M
 ClientSampleId :

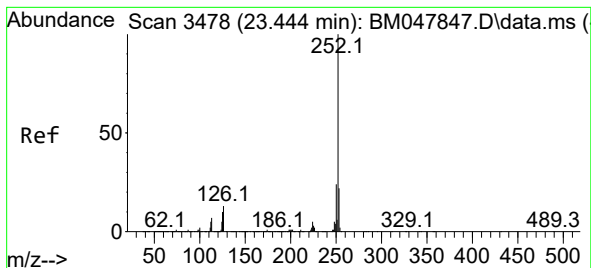
Tgt Ion:149 Resp: 231453
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.3 31.9
 279 4.0 2.7 4.1



#87
 Chrysene
 Concen: 8.666 ng/ul
 RT: 21.439 min Scan# 3137
 Delta R.T. 0.000 min
 Lab File: BM047872.D
 Acq: 05 Oct 2024 11:27

Tgt Ion:228 Resp: 1015023
 Ion Ratio Lower Upper
 228 100
 226 30.8 23.6 35.4
 229 21.4 15.3 22.9





#90

Benzo(b)fluoranthene

Concen: 11.526 ng/ul

RT: 23.450 min Scan# 3478

Delta R.T. 0.000 min

Lab File: BM047872.D

Acq: 05 Oct 2024 11:27

Instrument :

BNA_M

ClientSampleId :

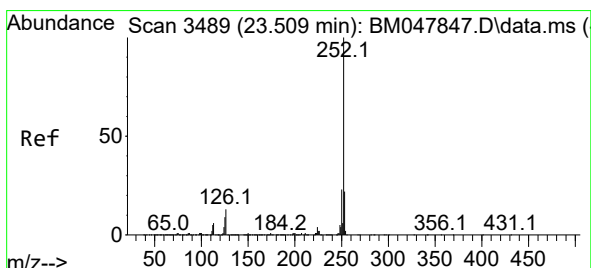
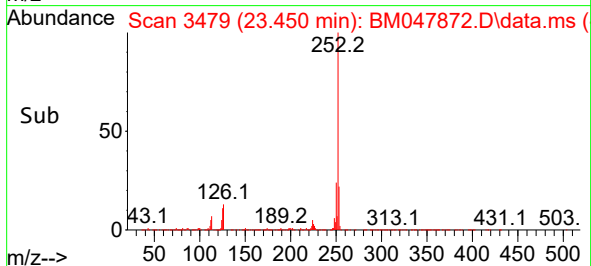
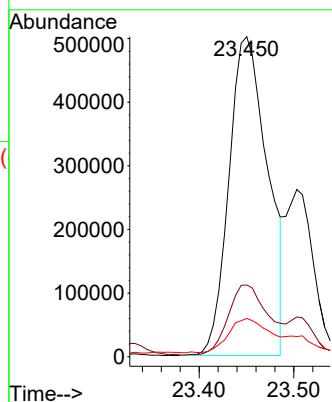
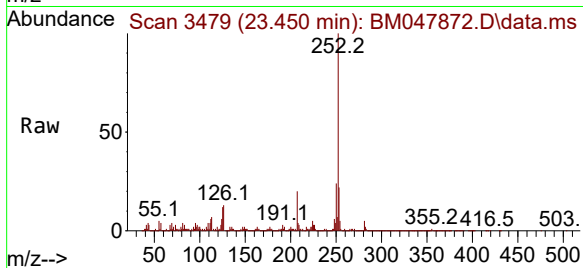
Tgt Ion:252 Resp: 1423865

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 12.0 9.0 13.4



#91

Benzo(k)fluoranthene

Concen: 3.561 ng/ul

RT: 23.503 min Scan# 3488

Delta R.T. -0.006 min

Lab File: BM047872.D

Acq: 05 Oct 2024 11:27

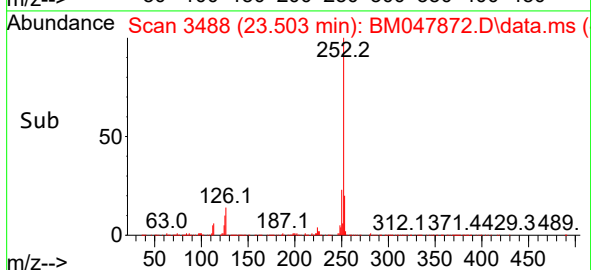
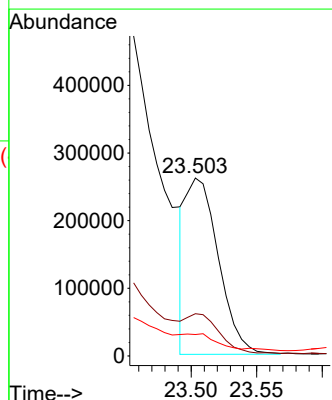
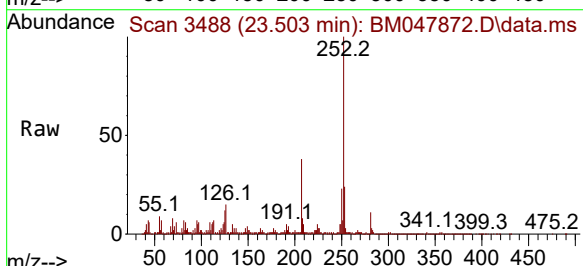
Tgt Ion:252 Resp: 449854

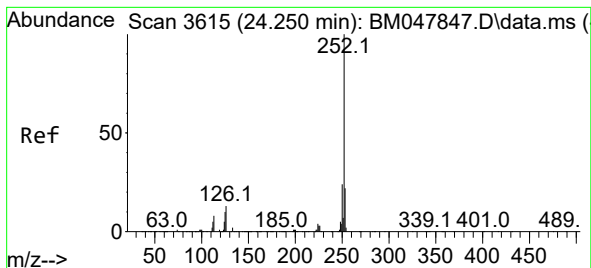
Ion Ratio Lower Upper

252 100

253 23.8 17.5 26.3

125 12.0 8.9 13.3





#93

Benzo(a)pyrene

Concen: 3.217 ng/ul

RT: 24.250 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM047872.D

Acq: 05 Oct 2024 11:27

Instrument :

BNA_M

ClientSampleId :

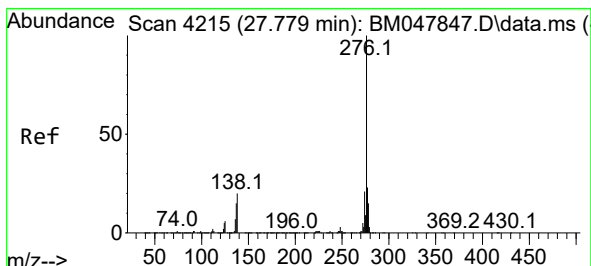
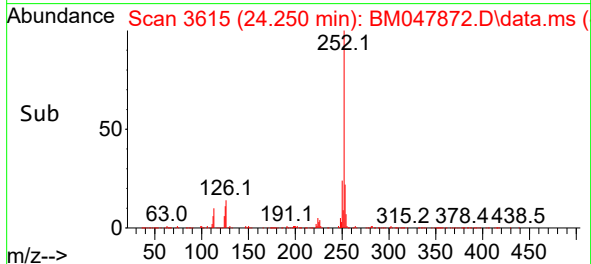
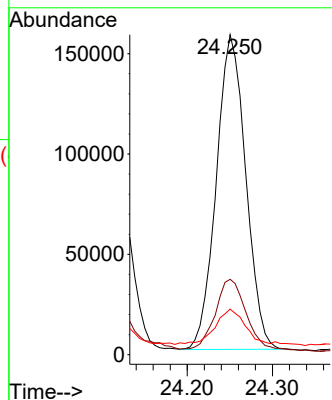
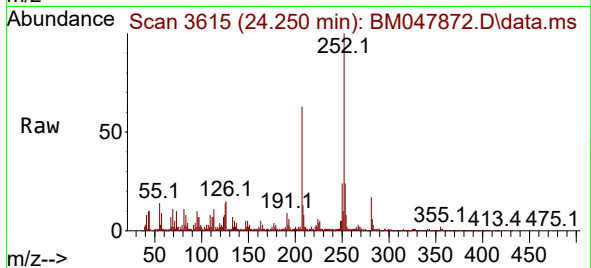
Tgt Ion:252 Resp: 377424

Ion Ratio Lower Upper

252 100

253 23.6 17.2 25.8

125 14.2 10.1 15.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.937 ng/ul

RT: 27.773 min Scan# 4214

Delta R.T. -0.006 min

Lab File: BM047872.D

Acq: 05 Oct 2024 11:27

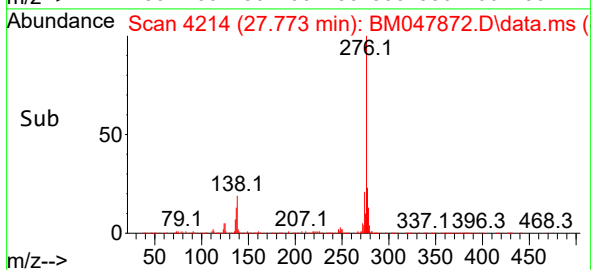
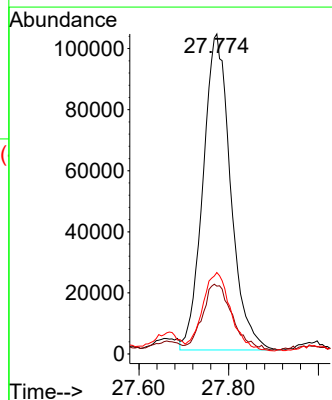
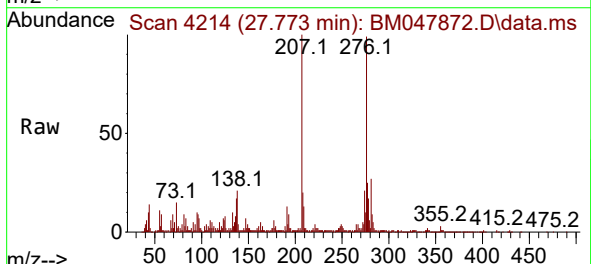
Tgt Ion:276 Resp: 441608

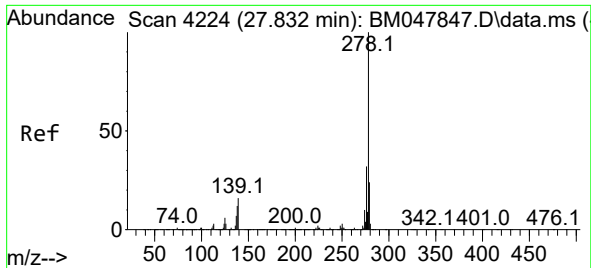
Ion Ratio Lower Upper

276 100

138 21.2 16.9 25.3

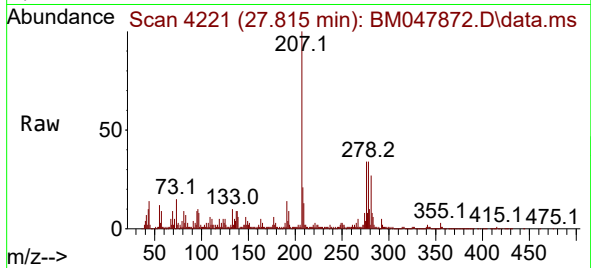
277 25.4 18.9 28.3





#95
 Dibenzo(a,h)anthracene
 Concen: 1.353 ng/ul
 RT: 27.815 min Scan# 41
 Delta R.T. -0.023 min
 Lab File: BM047872.D
 Acq: 05 Oct 2024 11:27

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 166753
 Ion Ratio Lower Upper
 278 100
 139 18.8 13.4 20.2
 279 29.5 18.4 27.6#

