

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047873.D
 Acq On : 05 Oct 2024 12:07
 Operator : RC/JU
 Sample : P4083-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 05 23:05:48 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)

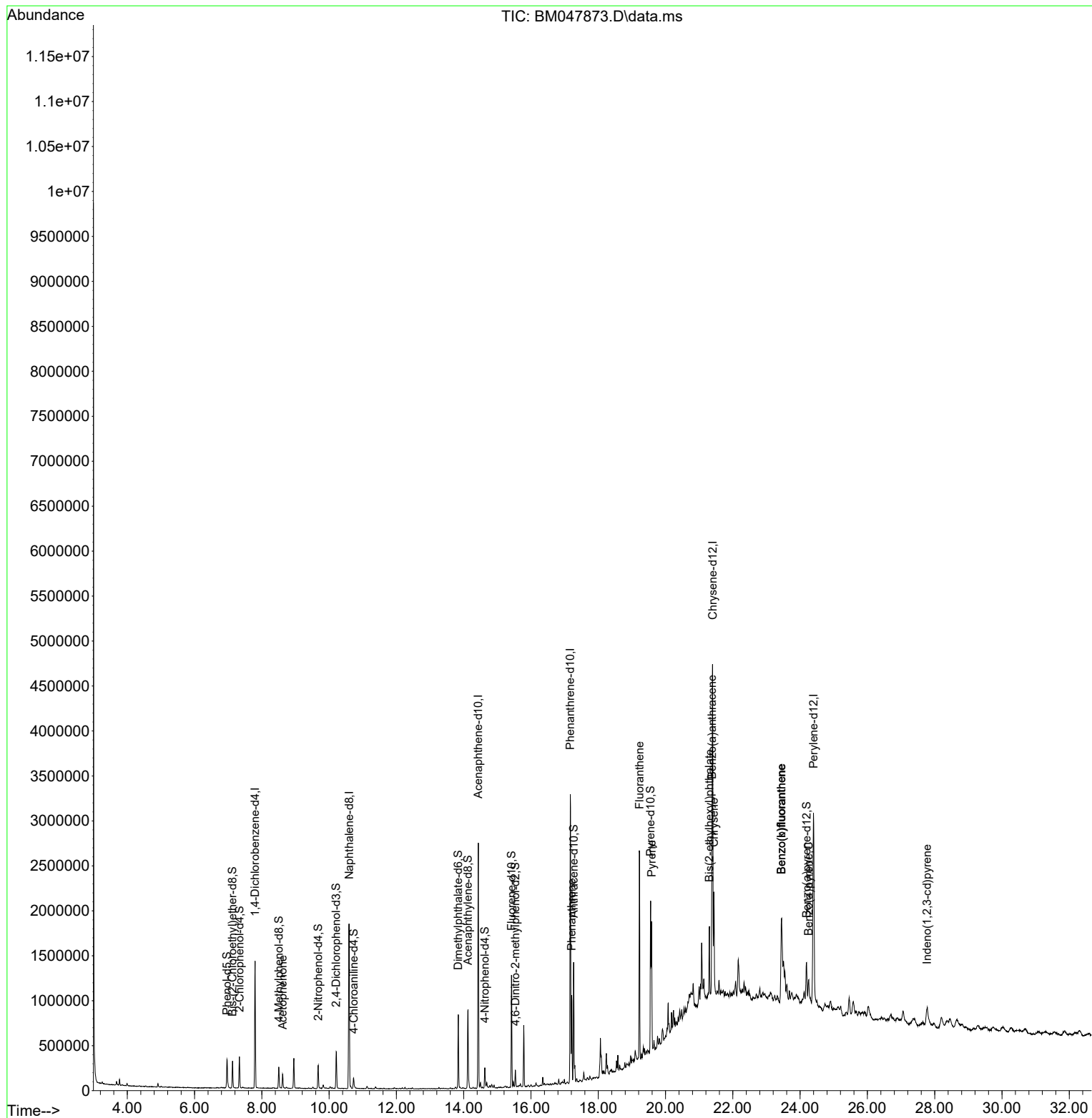
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	385553	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	1539419	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.433	164	942980	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1930638	20.000	ng/u1	0.00
79) Chrysene-d12	21.397	240	1784324	20.000	ng/u1	0.00
88) Perylene-d12	24.397	264	2047047	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	10815	0.906	ng/uL	0.00
4) Pyridine-d5	3.652	84	525	0.015	ng/u1	-0.01
7) Phenol-d5	6.963	99	182510	5.006	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	127539	4.930	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	166120	6.263	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	90407	3.335	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	280	0.023	ng/u1	0.16
24) 2-Nitrophenol-d4	9.675	143	85233	7.256	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	164617	7.016	ng/u1	0.00
31) 4-Chloroaniline-d4	10.728	131	74517	2.054	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	531751	7.778	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	597651	7.373	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	55922	4.108	ng/u1	0.00
60) Fluorene-d10	15.421	176	487711	8.236	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	36627	3.242	ng/u1	0.00
73) Anthracene-d10	17.268	188	727611	7.665	ng/u1	0.00
81) Pyrene-d10	19.556	212	717364	7.084	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.191	264	489124	4.605	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.616	105	86066	1.856	ng/u1	96
72) Phenanthrene	17.210	178	580924	5.131	ng/u1	99
80) Fluoranthene	19.227	202	1453012	12.183	ng/u1	97
82) Pyrene	19.586	202	910744	6.861	ng/u1	96
85) Benzo(a)anthracene	21.380	228	659182	5.276	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.303	149	323598	4.593	ng/u1	96
87) Chrysene	21.439	228	736756	6.049	ng/u1	96
90) Benzo(b)fluoranthene	23.444	252	1043378	8.173	ng/u1	97
91) Benzo(k)fluoranthene	23.444	252	1043378	7.993	ng/u1	98
93) Benzo(a)pyrene	24.250	252	276875	2.284	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.774	276	295293	1.901	ng/u1	98

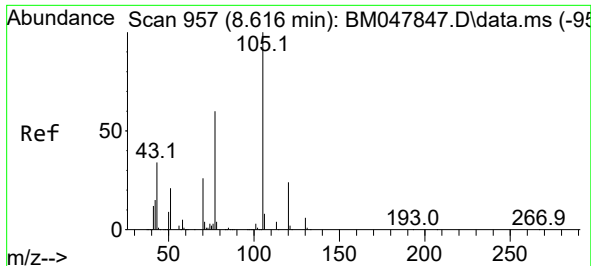
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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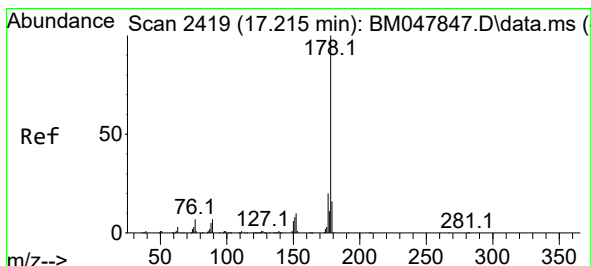
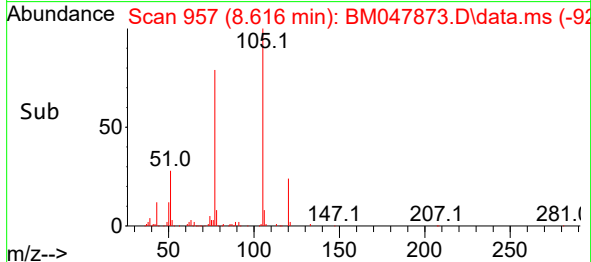
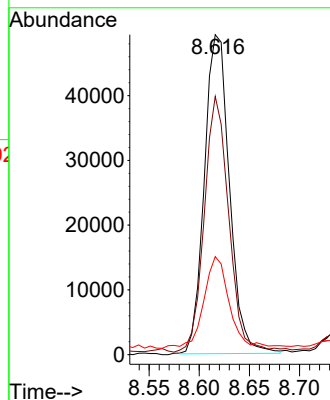
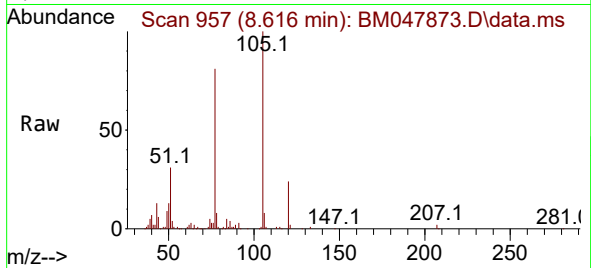




#16
Acetophenone
Concen: 1.856 ng/ul
RT: 8.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047873.D
Acq: 05 Oct 2024 12:07

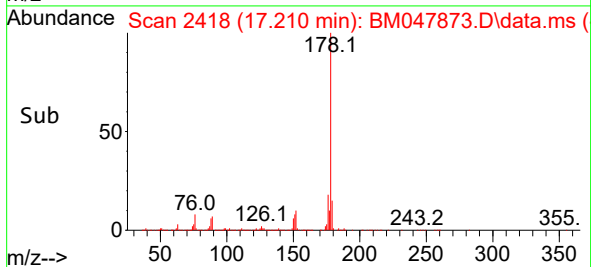
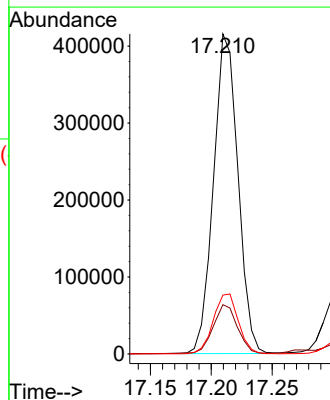
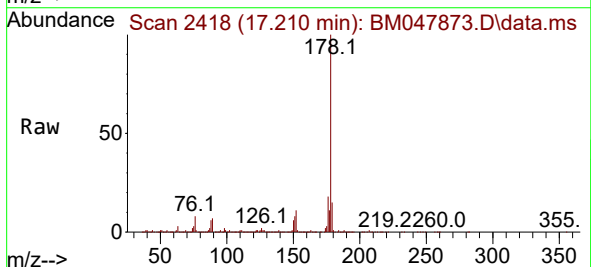
Instrument :
BNA_M
ClientSampleId :

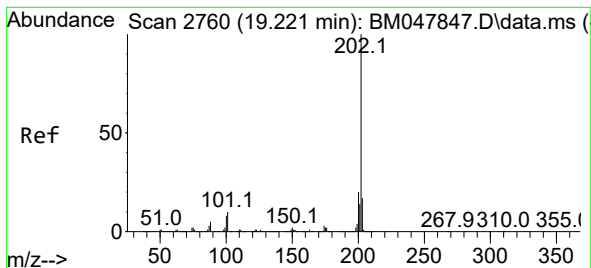
Tgt Ion:105 Resp: 86066
Ion Ratio Lower Upper
105 100
77 80.7 66.6 100.0
51 30.6 27.0 40.4



#72
Phenanthrene
Concen: 5.131 ng/ul
RT: 17.210 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM047873.D
Acq: 05 Oct 2024 12:07

Tgt Ion:178 Resp: 580924
Ion Ratio Lower Upper
178 100
179 15.4 12.0 18.0
176 18.4 15.4 23.0





#80

Fluoranthene

Concen: 12.183 ng/ul

RT: 19.227 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047873.D

Acq: 05 Oct 2024 12:07

Instrument :

BNA_M

ClientSampleId :

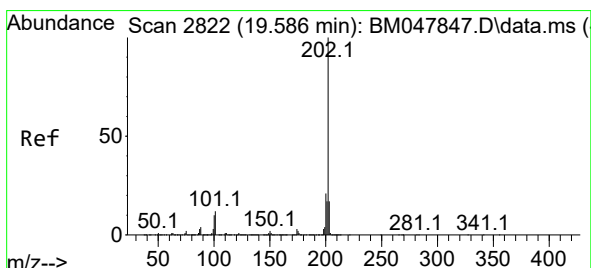
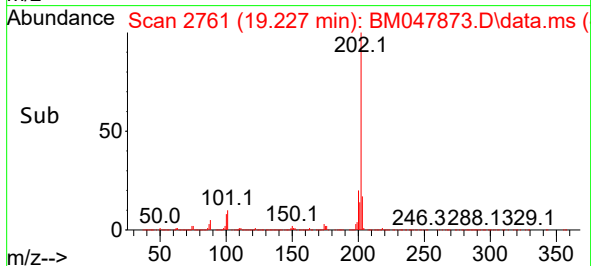
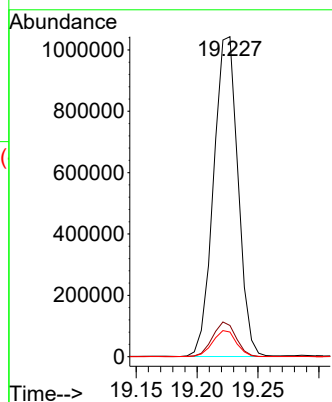
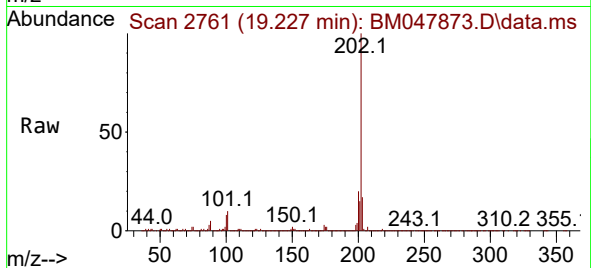
Tgt Ion:202 Resp: 1453012

Ion Ratio Lower Upper

202 100

101 9.7 9.0 13.4

100 7.7 6.8 10.2



#82

Pyrene

Concen: 6.861 ng/ul

RT: 19.586 min Scan# 2822

Delta R.T. 0.000 min

Lab File: BM047873.D

Acq: 05 Oct 2024 12:07

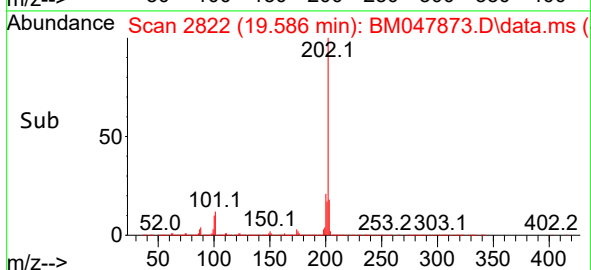
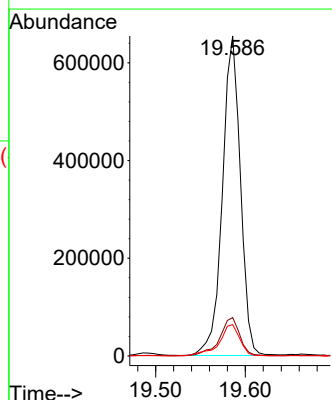
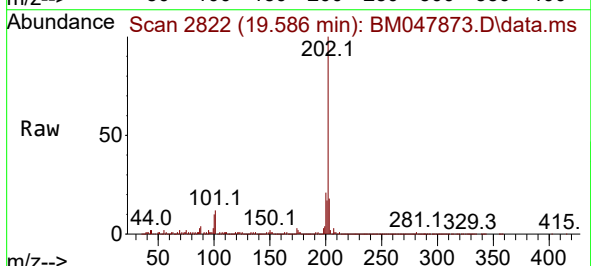
Tgt Ion:202 Resp: 910744

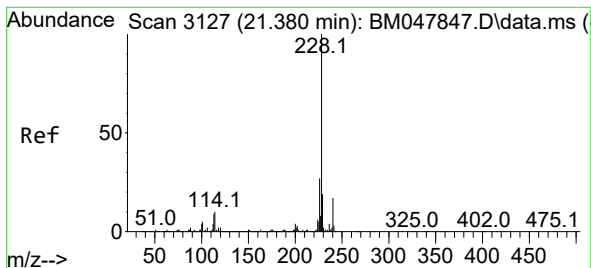
Ion Ratio Lower Upper

202 100

101 12.0 10.9 16.3

100 9.8 9.4 14.2





#85

Benzo(a)anthracene

Concen: 5.276 ng/ul

RT: 21.380 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BM047873.D

Acq: 05 Oct 2024 12:07

Instrument :

BNA_M

ClientSampleId :

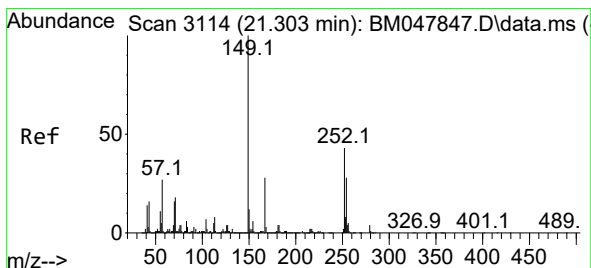
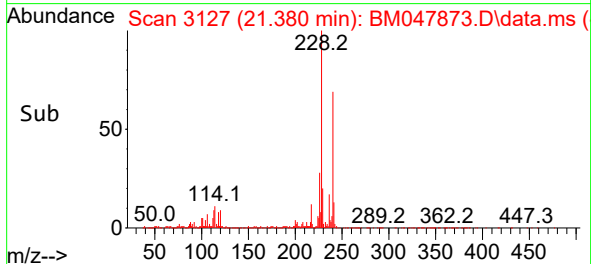
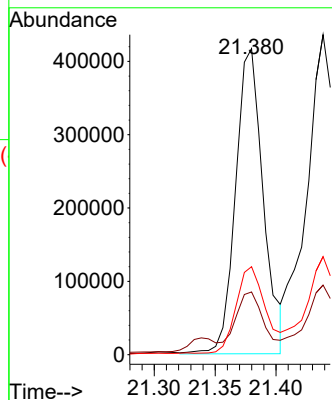
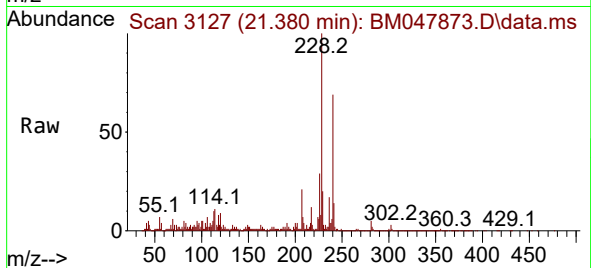
Tgt Ion:228 Resp: 659182

Ion Ratio Lower Upper

228 100

229 20.5 15.6 23.4

226 28.7 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.593 ng/ul

RT: 21.303 min Scan# 3114

Delta R.T. 0.000 min

Lab File: BM047873.D

Acq: 05 Oct 2024 12:07

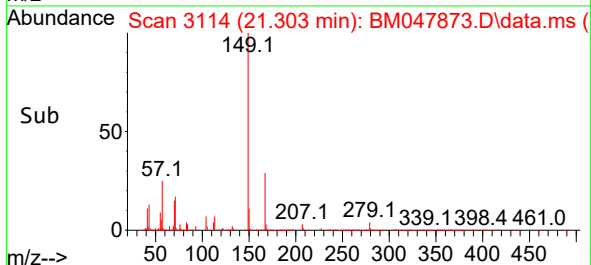
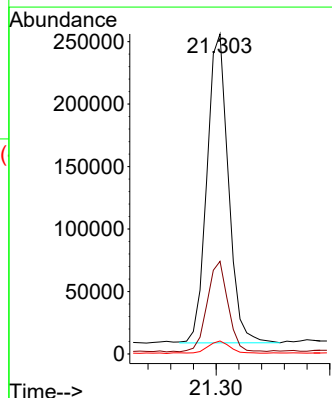
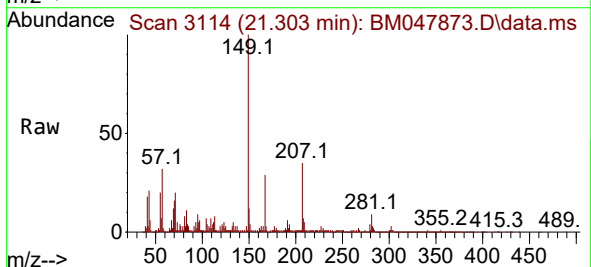
Tgt Ion:149 Resp: 323598

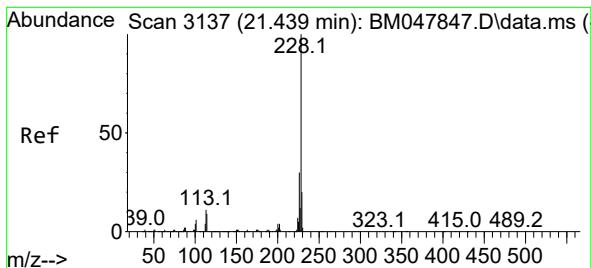
Ion Ratio Lower Upper

149 100

167 28.9 21.3 31.9

279 4.0 2.7 4.1





#87

Chrysene

Concen: 6.049 ng/ul

RT: 21.439 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BM047873.D

Acq: 05 Oct 2024 12:07

Instrument :

BNA_M

ClientSampleId :

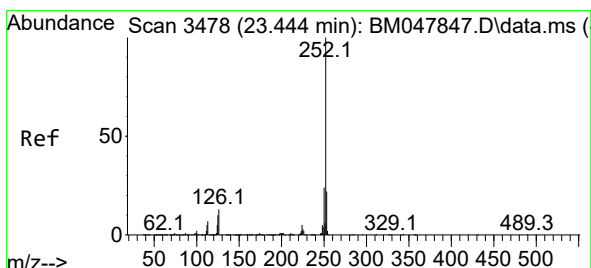
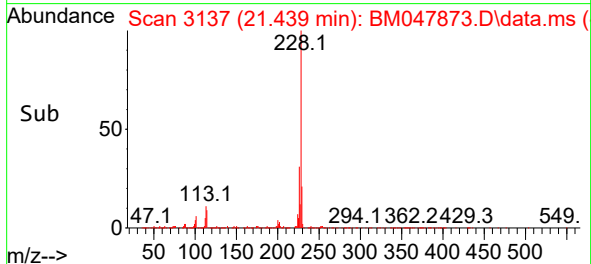
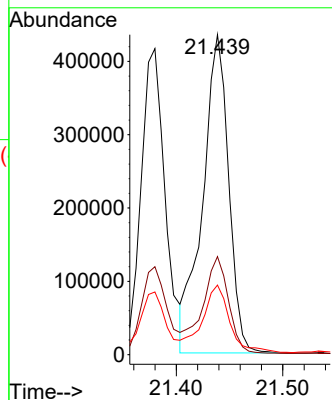
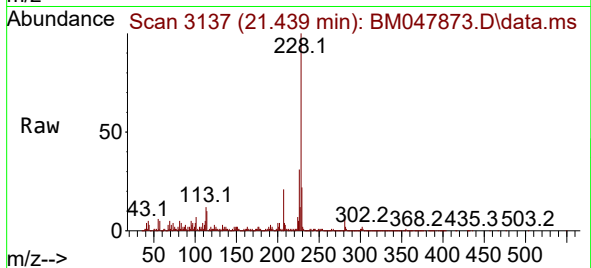
Tgt Ion:228 Resp: 736756

Ion Ratio Lower Upper

228 100

226 30.7 23.6 35.4

229 21.8 15.3 22.9



#90

Benzo(b)fluoranthene

Concen: 8.173 ng/ul

RT: 23.444 min Scan# 3478

Delta R.T. -0.006 min

Lab File: BM047873.D

Acq: 05 Oct 2024 12:07

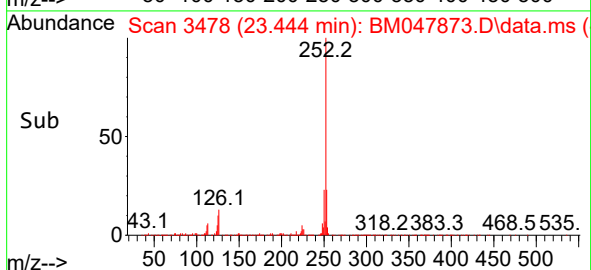
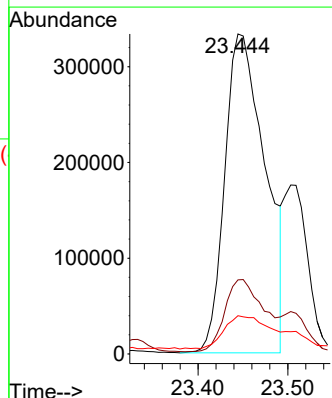
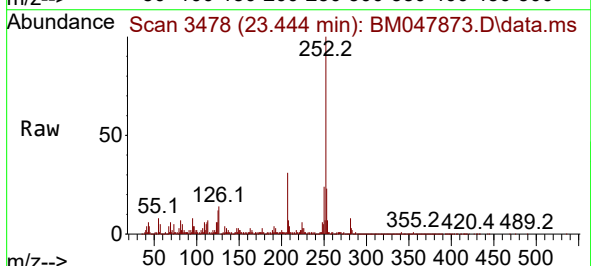
Tgt Ion:252 Resp: 1043378

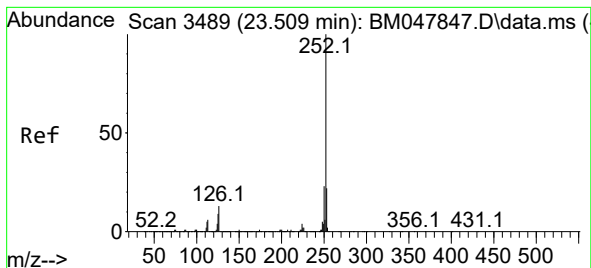
Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

125 12.0 9.0 13.4





#91

Benzo(k)fluoranthene

Concen: 7.993 ng/ul

RT: 23.444 min Scan# 34

Delta R.T. -0.065 min

Lab File: BM047873.D

Acq: 05 Oct 2024 12:07

Instrument :

BNA_M

ClientSampleId :

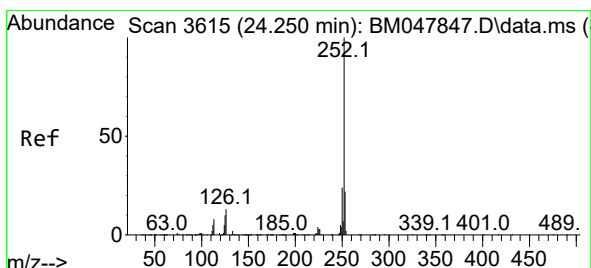
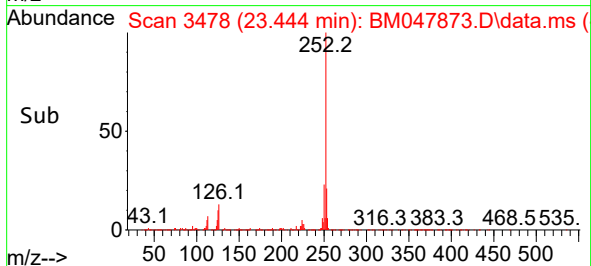
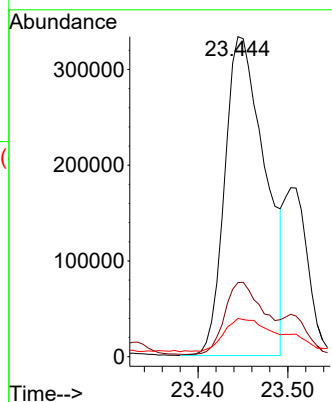
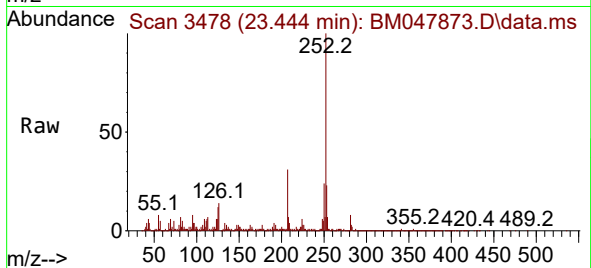
Tgt Ion:252 Resp: 1043378

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 12.0 8.9 13.3



#93

Benzo(a)pyrene

Concen: 2.284 ng/ul

RT: 24.250 min Scan# 3615

Delta R.T. -0.006 min

Lab File: BM047873.D

Acq: 05 Oct 2024 12:07

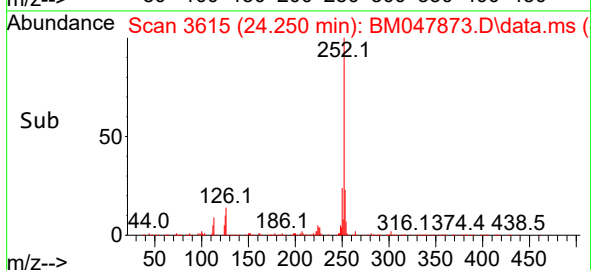
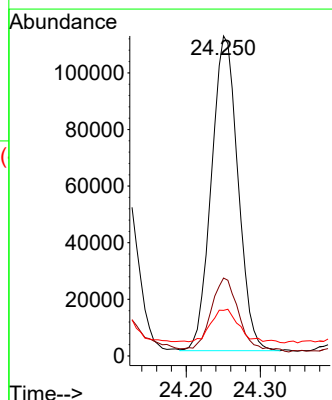
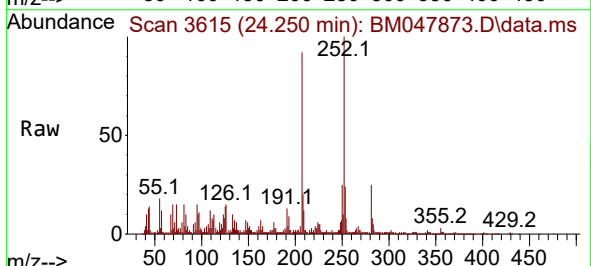
Tgt Ion:252 Resp: 276875

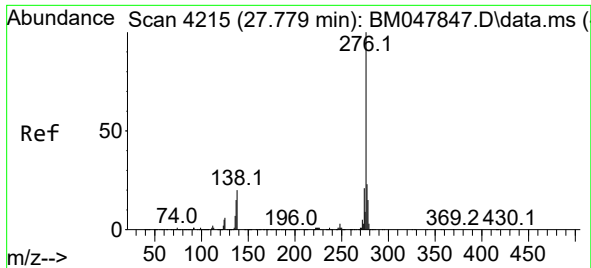
Ion Ratio Lower Upper

252 100

253 24.4 17.2 25.8

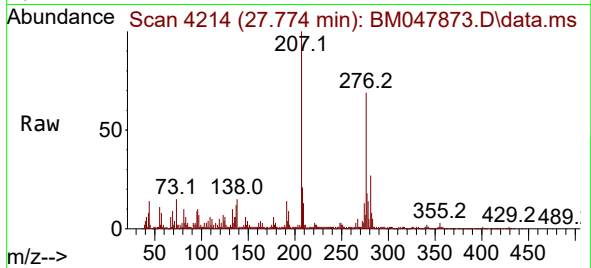
125 14.3 10.1 15.1





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.901 ng/ul
RT: 27.774 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM047873.D
Acq: 05 Oct 2024 12:07

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:276 Resp: 295293
Ion Ratio Lower Upper
276 100
138 21.3 16.9 25.3
277 25.4 18.9 28.3

