

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047893.D
 Acq On : 07 Oct 2024 21:03
 Operator : RC/JU
 Sample : P4109-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EJ9

Quant Time: Oct 07 23:23:11 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)

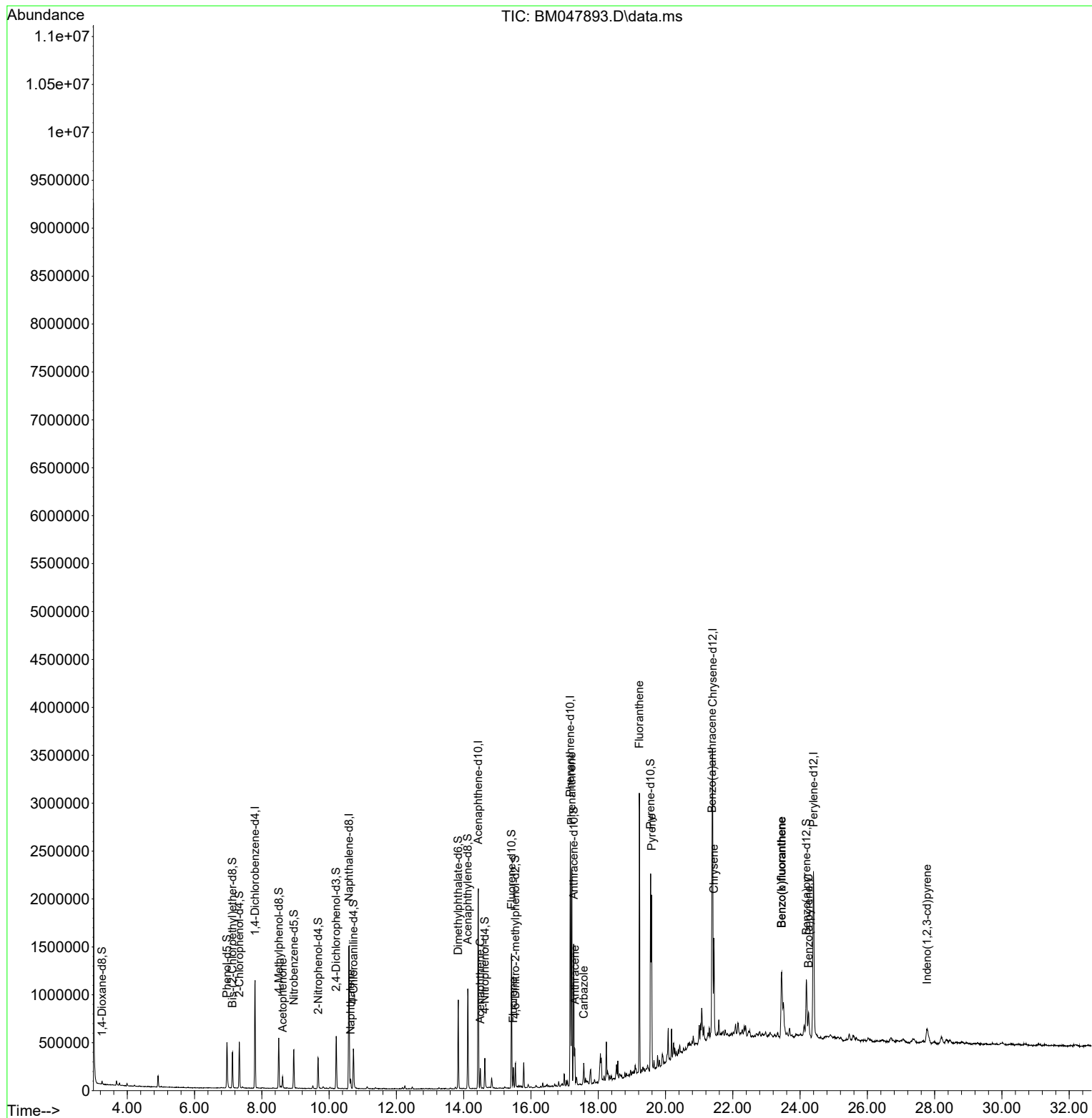
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	311409	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	1243265	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.434	164	759985	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	1558042	20.000	ng/ul	0.00
79) Chrysene-d12	21.398	240	1477216	20.000	ng/ul	0.00
88) Perylene-d12	24.398	264	1670288	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	15899	1.650	ng/uL	0.00
4) Pyridine-d5	3.652	84	670	0.024	ng/ul	-0.01
7) Phenol-d5	6.963	99	270238	9.177	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	166766	7.981	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	231983	10.828	ng/ul	0.00
15) 4-Methylphenol-d8	8.505	113	204087	9.322	ng/ul	0.00
21) Nitrobenzene-d5	8.952	128	103126	10.418	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	110341	11.632	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	215816	11.389	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	240057	8.194	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	608381	11.042	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	696340	10.659	ng/ul	0.00
54) 4-Nitrophenol-d4	14.628	143	80220	7.313	ng/ul	0.00
60) Fluorene-d10	15.422	176	545153	11.423	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	51285	5.625	ng/ul	0.00
73) Anthracene-d10	17.269	188	819004	10.690	ng/ul	0.00
81) Pyrene-d10	19.557	212	845787	10.088	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.186	264	599102	6.913	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.616	105	65338	1.744	ng/ul	92
30) Naphthalene	10.640	128	81558	1.140	ng/ul	99
52) Acenaphthene	14.492	153	82721	1.588	ng/ul	98
61) Fluorene	15.475	166	90182	1.542	ng/ul	99
72) Phenanthrene	17.210	178	1351264	14.789	ng/ul	100
74) Anthracene	17.304	178	250267	2.686	ng/ul	99
77) Carbazole	17.569	167	137492	1.628	ng/ul	98
80) Fluoranthene	19.221	202	1746786	17.690	ng/ul	99
82) Pyrene	19.586	202	1129464	10.277	ng/ul#	95
85) Benzo(a)anthracene	21.380	228	680266	6.577	ng/ul	99
87) Chrysene	21.439	228	658191	6.528	ng/ul	97
90) Benzo(b)fluoranthene	23.451	252	767707	7.370	ng/ul	99
91) Benzo(k)fluoranthene	23.451	252	767707	7.208	ng/ul	99
93) Benzo(a)pyrene	24.251	252	263472	2.663	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.774	276	227849	1.797	ng/ul	97

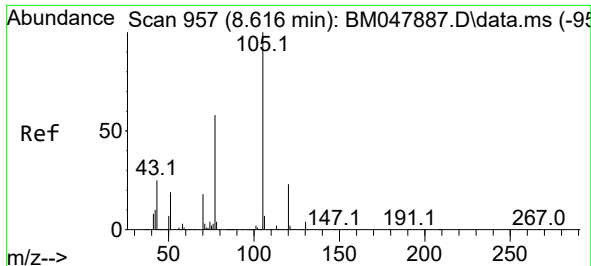
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047893.D
Acq On : 07 Oct 2024 21:03
Operator : RC/JU
Sample : P4109-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EJ9

Quant Time: Oct 07 23:23:11 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

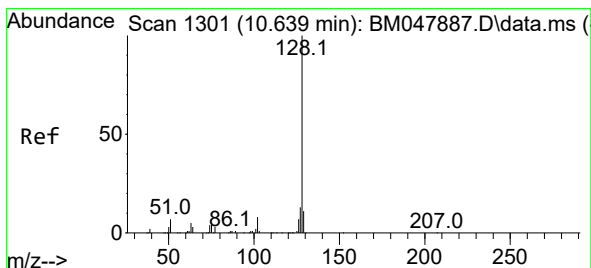
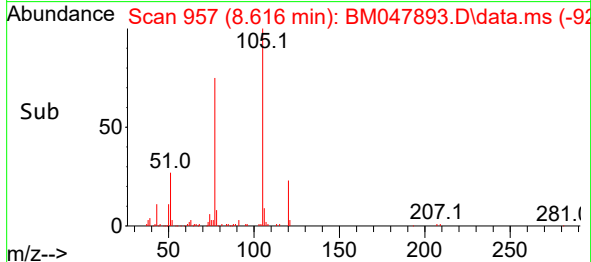
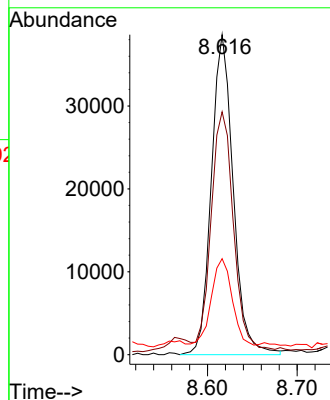
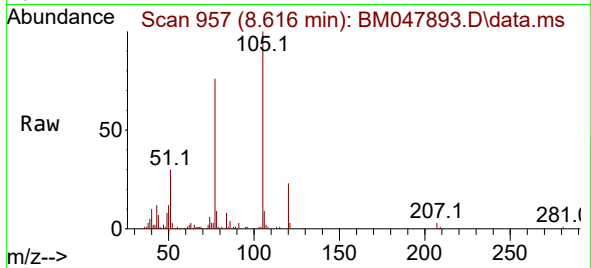




#16
Acetophenone
Concen: 1.744 ng/ul
RT: 8.616 min Scan# 91
Delta R.T. -0.005 min
Lab File: BM047893.D
Acq: 07 Oct 2024 21:03

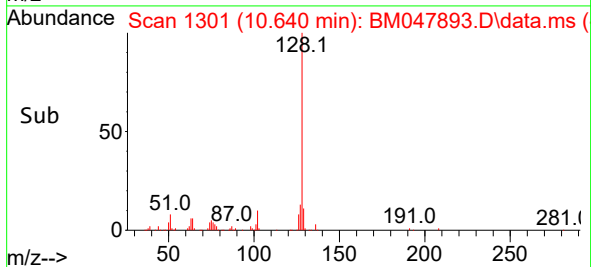
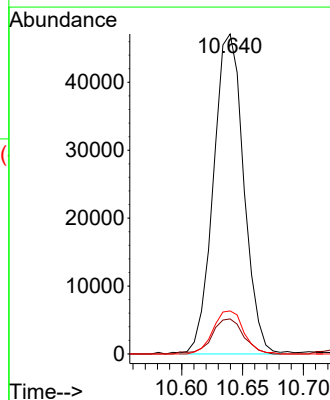
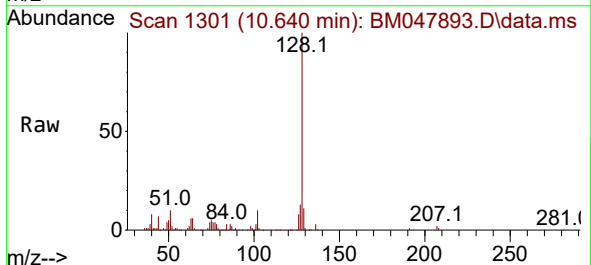
Instrument :
BNA_M
ClientSampleId :
A4EJ9

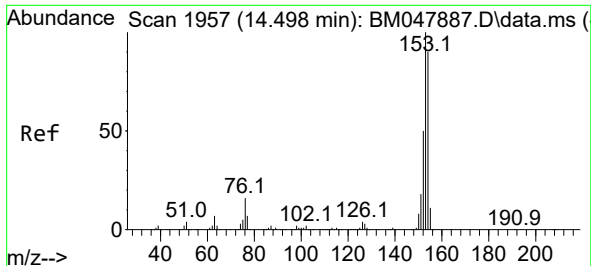
Tgt Ion:105 Resp: 65338
Ion Ratio Lower Upper
105 100
77 75.9 66.6 100.0
51 30.0 27.0 40.4



#30
Naphthalene
Concen: 1.140 ng/ul
RT: 10.640 min Scan# 1301
Delta R.T. -0.005 min
Lab File: BM047893.D
Acq: 07 Oct 2024 21:03

Tgt Ion:128 Resp: 81558
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.4 10.4 15.6

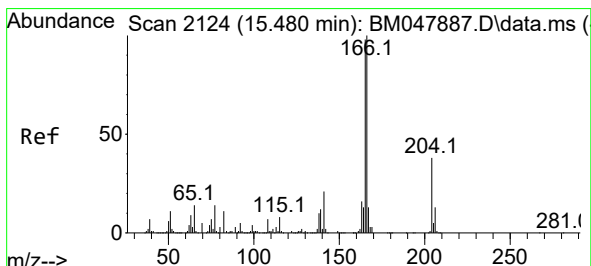
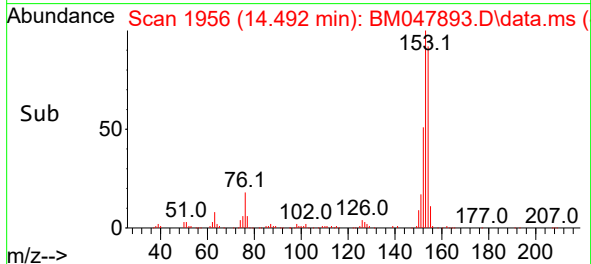
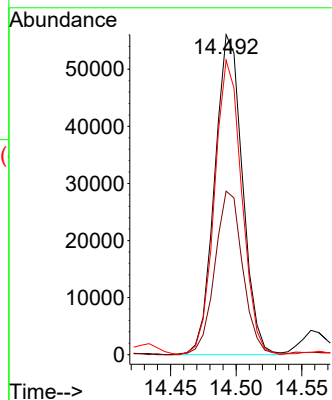
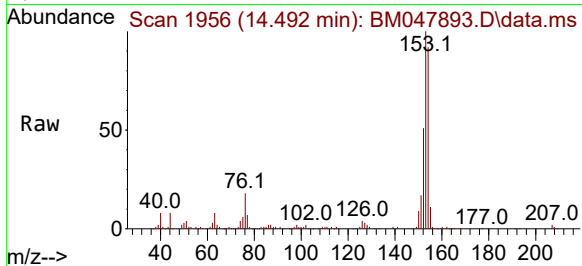




#52
Acenaphthene
Concen: 1.588 ng/ul
RT: 14.492 min Scan# 1956
Delta R.T. -0.005 min
Lab File: BM047893.D
Acq: 07 Oct 2024 21:03

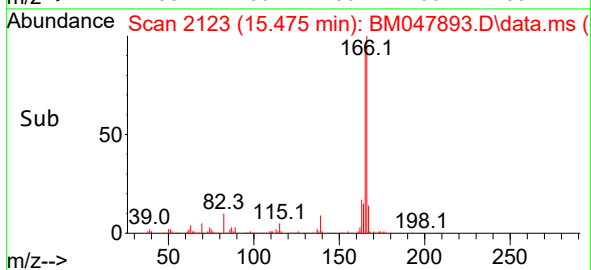
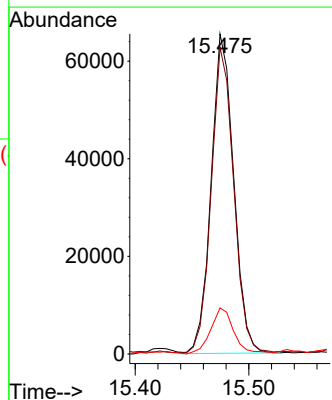
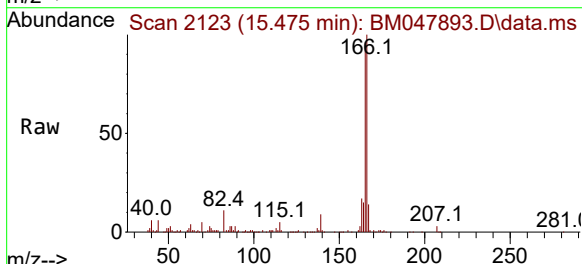
Instrument :
BNA_M
ClientSampleId :
A4EJ9

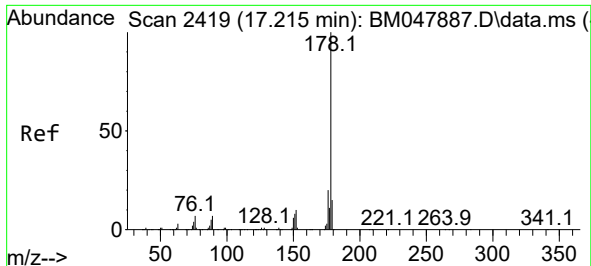
Tgt Ion:153 Resp: 82721
Ion Ratio Lower Upper
153 100
152 51.1 39.7 59.5
154 92.0 72.6 108.8



#61
Fluorene
Concen: 1.542 ng/ul
RT: 15.475 min Scan# 2123
Delta R.T. -0.005 min
Lab File: BM047893.D
Acq: 07 Oct 2024 21:03

Tgt Ion:166 Resp: 90182
Ion Ratio Lower Upper
166 100
165 95.9 77.8 116.6
167 14.4 10.8 16.2

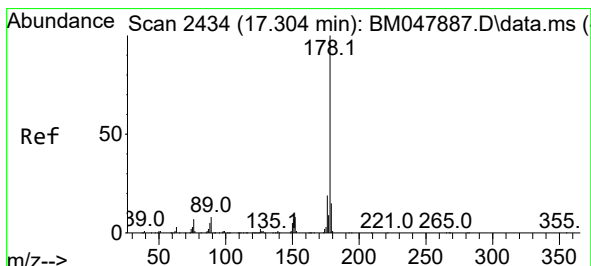
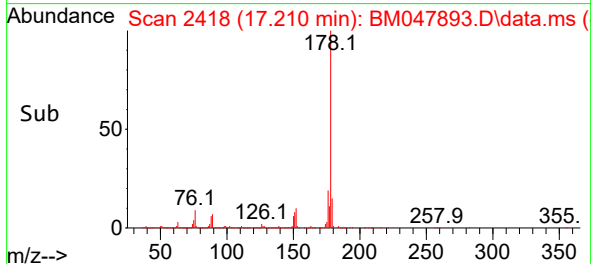
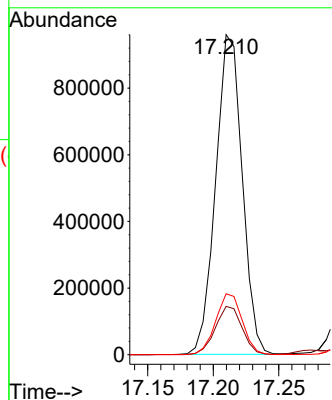
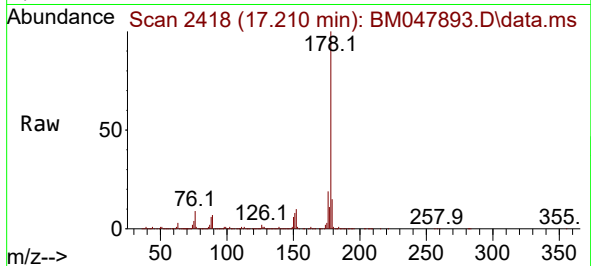




#72
Phenanthrene
Concen: 14.789 ng/ul
RT: 17.210 min Scan# 2419
Delta R.T. -0.005 min
Lab File: BM047893.D
Acq: 07 Oct 2024 21:03

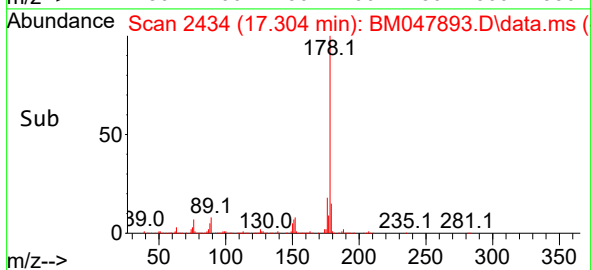
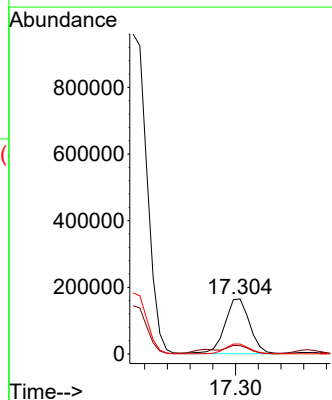
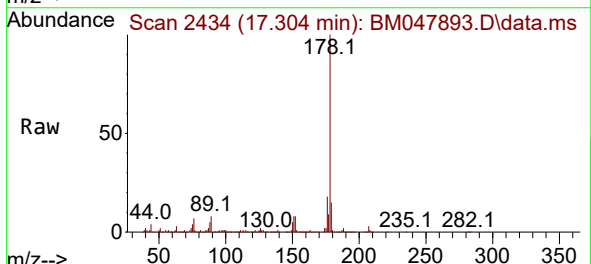
Instrument :
BNA_M
ClientSampleId :
A4EJ9

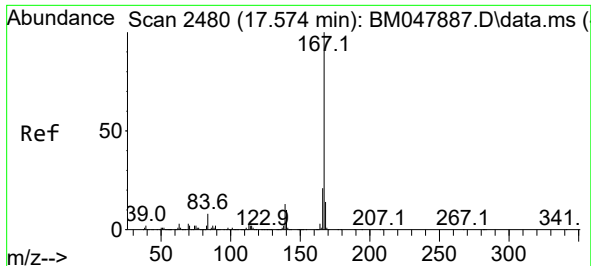
Tgt Ion:178 Resp: 1351264
Ion Ratio Lower Upper
178 100
179 15.1 12.0 18.0
176 19.0 15.4 23.0



#74
Anthracene
Concen: 2.686 ng/ul
RT: 17.304 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BM047893.D
Acq: 07 Oct 2024 21:03

Tgt Ion:178 Resp: 250267
Ion Ratio Lower Upper
178 100
179 15.1 12.4 18.6
176 18.1 14.7 22.1

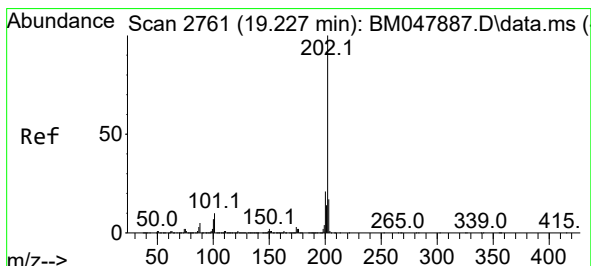
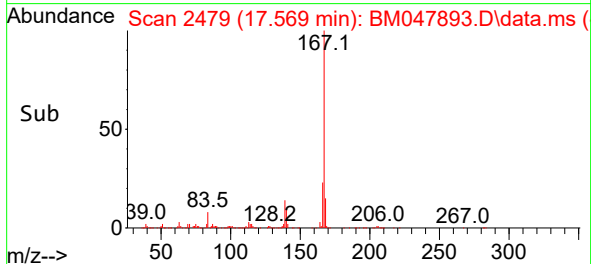
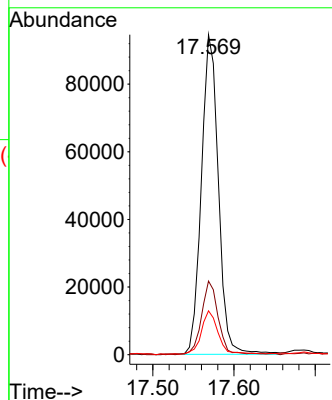
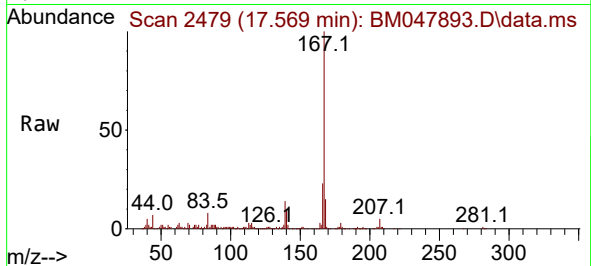




#77
 Carbazole
 Concen: 1.628 ng/ul
 RT: 17.569 min Scan# 2480
 Delta R.T. -0.005 min
 Lab File: BM047893.D
 Acq: 07 Oct 2024 21:03

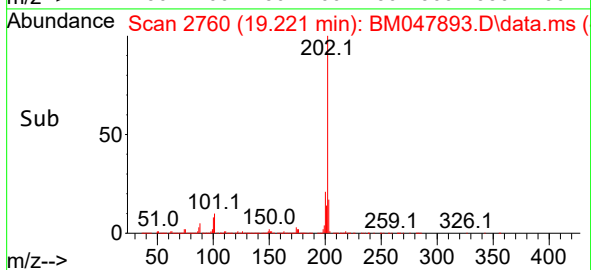
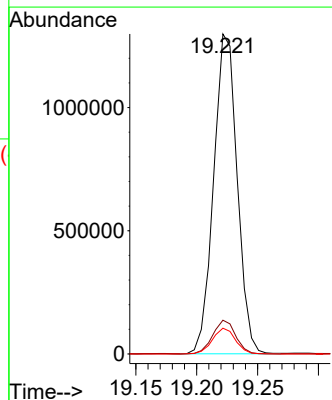
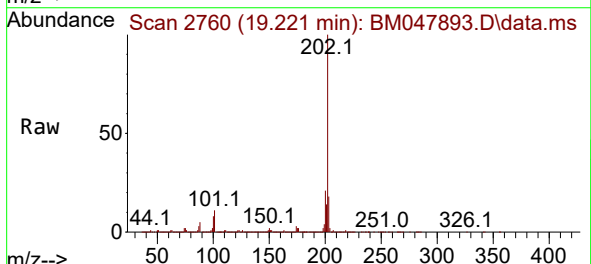
Instrument :
 BNA_M
 ClientSampleId :
 A4EJ9

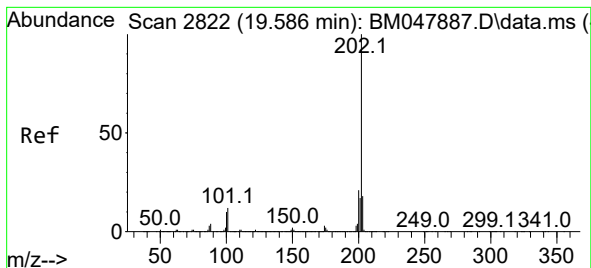
Tgt Ion:167 Resp: 137492
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.4 26.0
 139 13.7 10.9 16.3



#80
 Fluoranthene
 Concen: 17.690 ng/ul
 RT: 19.221 min Scan# 2760
 Delta R.T. -0.005 min
 Lab File: BM047893.D
 Acq: 07 Oct 2024 21:03

Tgt Ion:202 Resp: 1746786
 Ion Ratio Lower Upper
 202 100
 101 10.6 9.0 13.4
 100 8.1 6.8 10.2





#82

Pyrene

Concen: 10.277 ng/ul

RT: 19.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047893.D

Acq: 07 Oct 2024 21:03

Instrument :

BNA_M

ClientSampleId :

A4EJ9

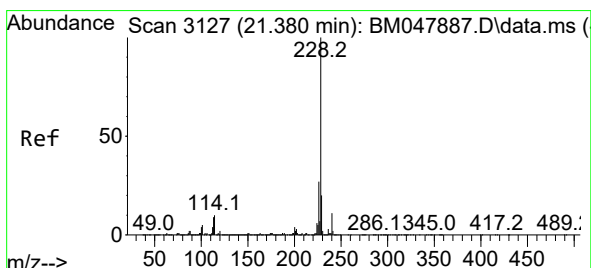
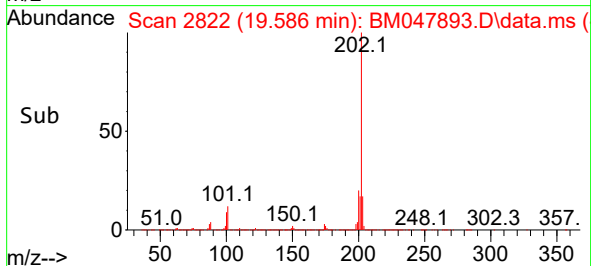
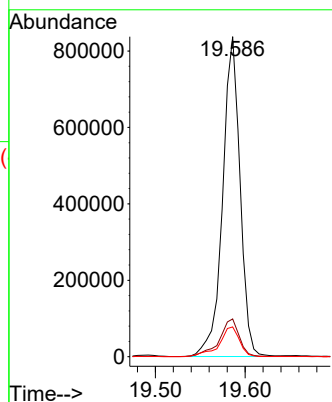
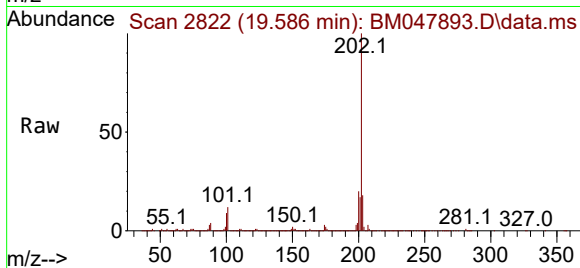
Tgt Ion:202 Resp: 1129464

Ion Ratio Lower Upper

202 100

101 11.8 10.9 16.3

100 9.3 9.4 14.2#



#85

Benzo(a)anthracene

Concen: 6.577 ng/ul

RT: 21.380 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BM047893.D

Acq: 07 Oct 2024 21:03

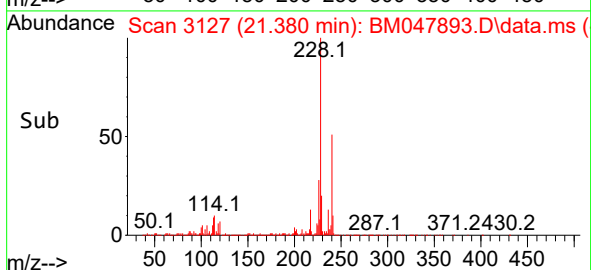
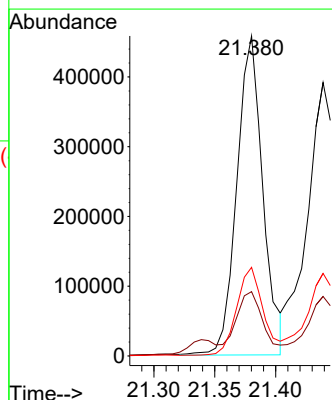
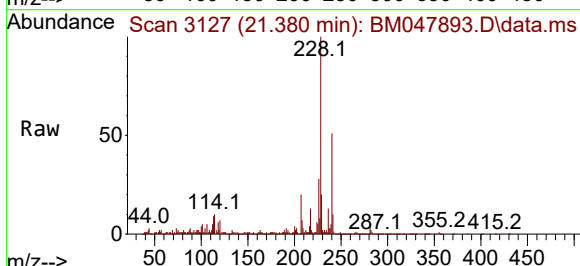
Tgt Ion:228 Resp: 680266

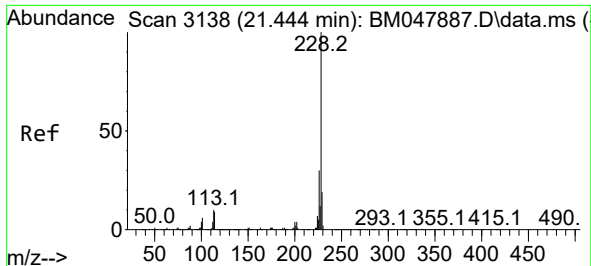
Ion Ratio Lower Upper

228 100

229 20.1 15.6 23.4

226 27.7 21.9 32.9

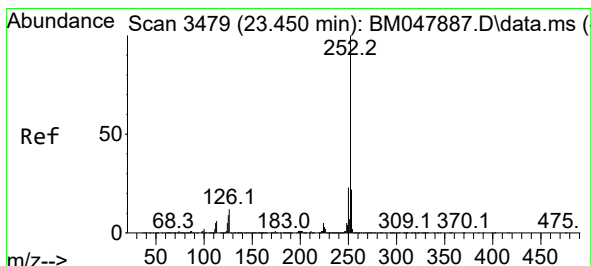
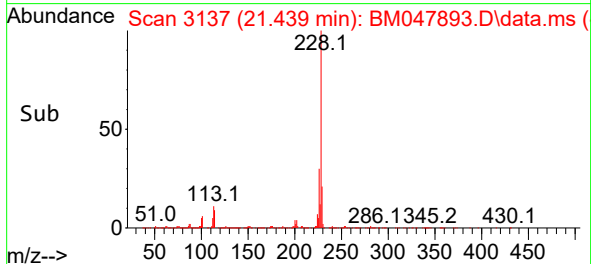
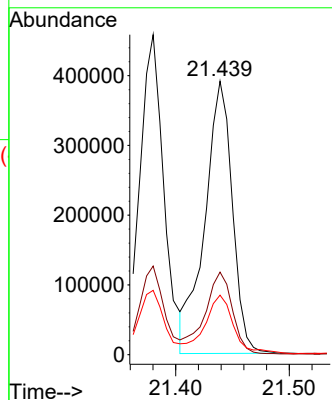
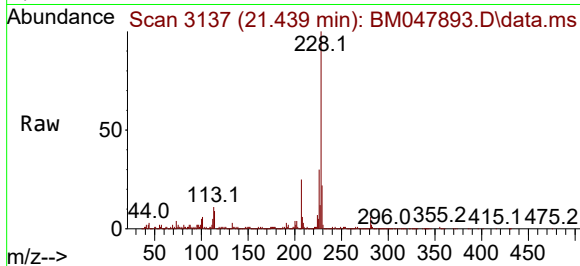




#87
Chrysene
Concen: 6.528 ng/ul
RT: 21.439 min Scan# 3138
Delta R.T. 0.000 min
Lab File: BM047893.D
Acq: 07 Oct 2024 21:03

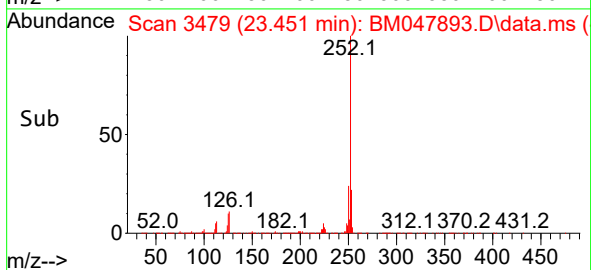
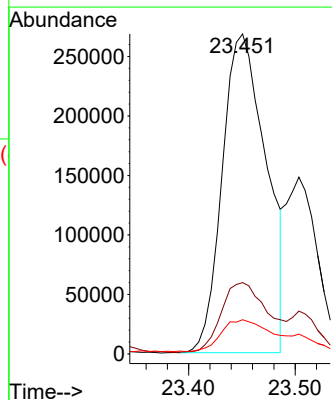
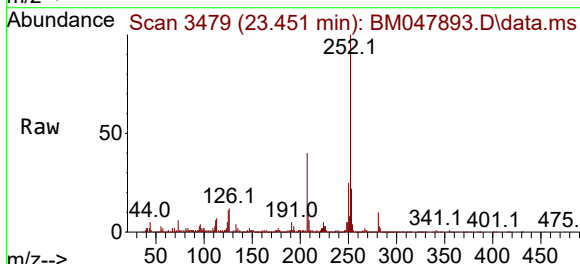
Instrument :
BNA_M
ClientSampleId :
A4EJ9

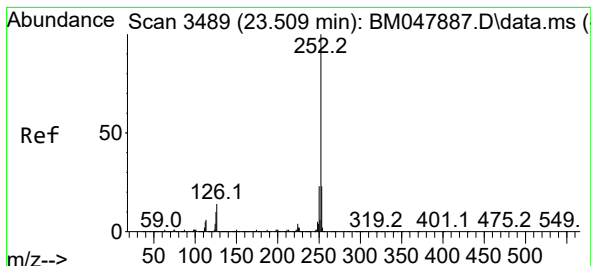
Tgt Ion:228 Resp: 658191
Ion Ratio Lower Upper
228 100
226 30.2 23.6 35.4
229 21.8 15.3 22.9



#90
Benzo(b)fluoranthene
Concen: 7.370 ng/ul
RT: 23.451 min Scan# 3479
Delta R.T. 0.000 min
Lab File: BM047893.D
Acq: 07 Oct 2024 21:03

Tgt Ion:252 Resp: 767707
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 10.7 9.0 13.4





#91

Benzo(k)fluoranthene

Concen: 7.208 ng/ul

RT: 23.451 min Scan# 34

Delta R.T. -0.058 min

Lab File: BM047893.D

Acq: 07 Oct 2024 21:03

Instrument :

BNA_M

ClientSampleId :

A4EJ9

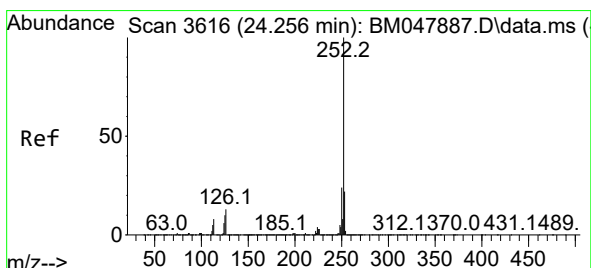
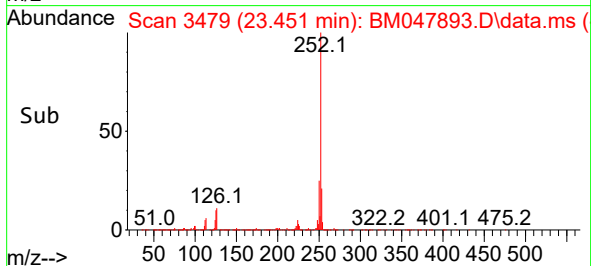
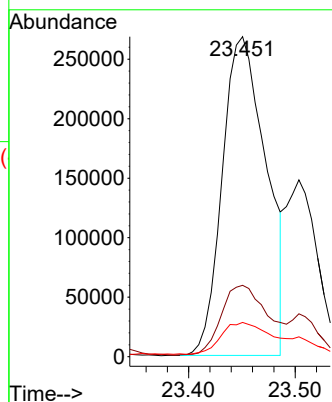
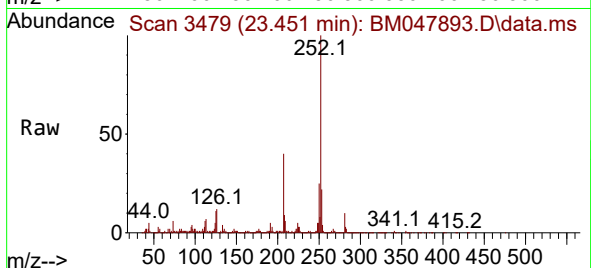
Tgt Ion:252 Resp: 767707

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 10.7 8.9 13.3



#93

Benzo(a)pyrene

Concen: 2.663 ng/ul

RT: 24.251 min Scan# 3615

Delta R.T. -0.005 min

Lab File: BM047893.D

Acq: 07 Oct 2024 21:03

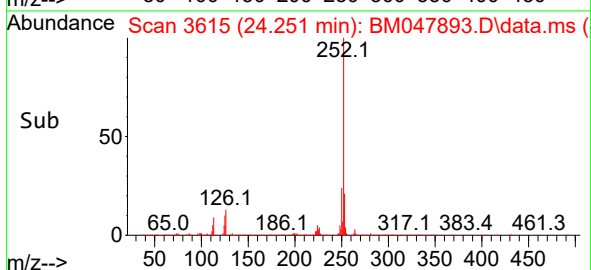
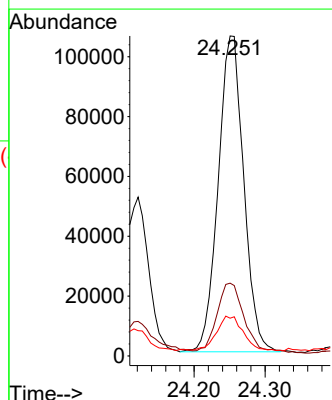
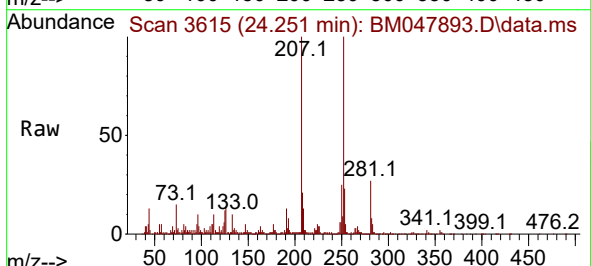
Tgt Ion:252 Resp: 263472

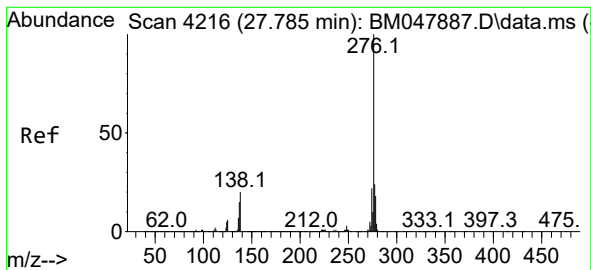
Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

125 11.8 10.1 15.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.797 ng/ul

RT: 27.774 min Scan# 41

Delta R.T. -0.005 min

Lab File: BM047893.D

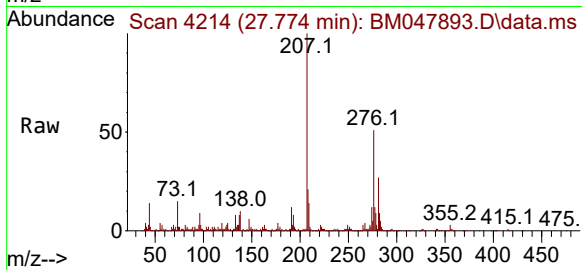
Acq: 07 Oct 2024 21:03

Instrument :

BNA_M

ClientSampleId :

A4EJ9



Tgt Ion:276 Resp: 227849

Ion Ratio Lower Upper

276 100

138 18.8 16.9 25.3

277 24.0 18.9 28.3

