

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047890.D
 Acq On : 07 Oct 2024 19:04
 Operator : RC/JU
 Sample : P4083-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

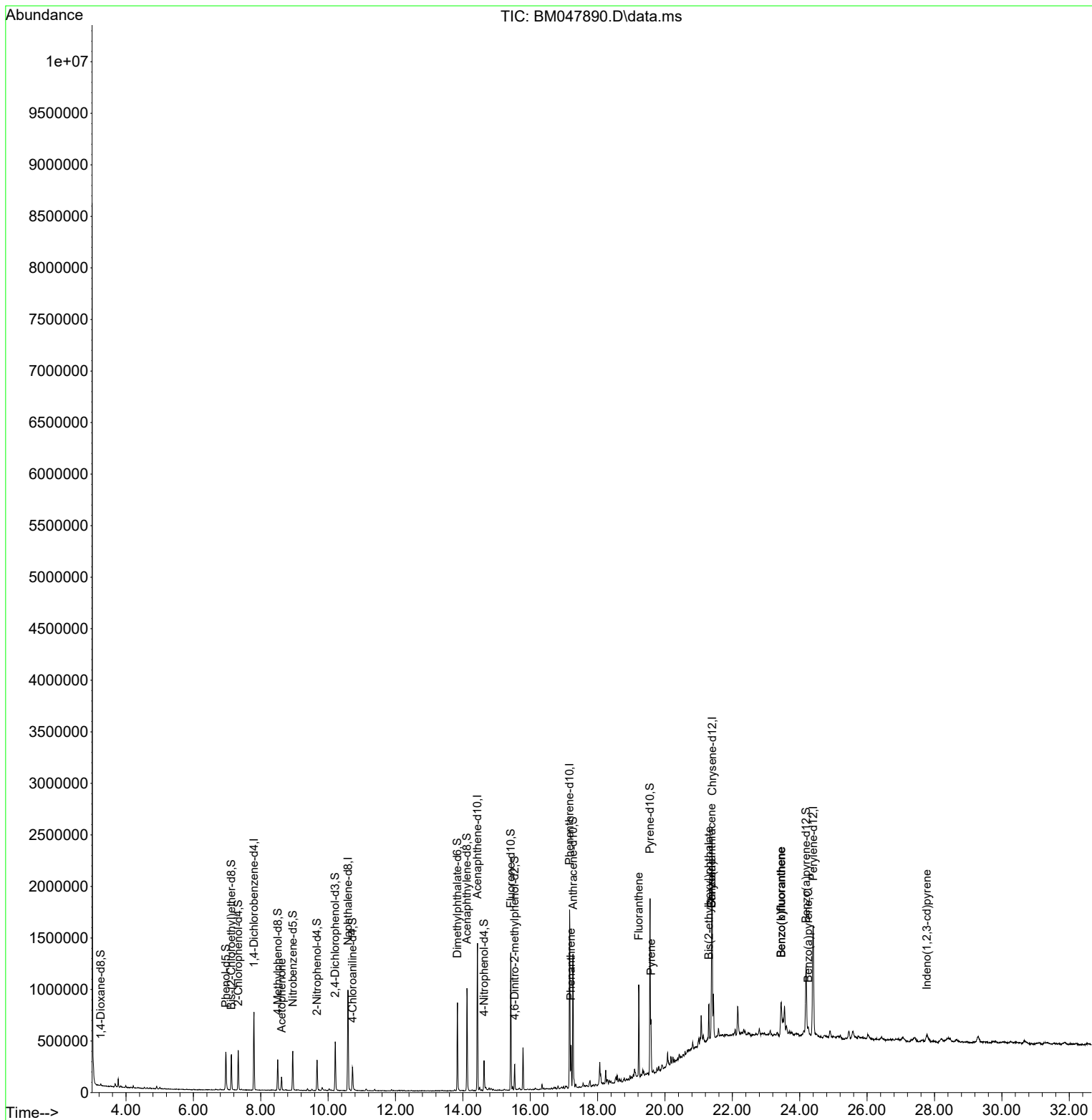
Instrument :
 BNA_M
 ClientSampleId :
 A4EK3

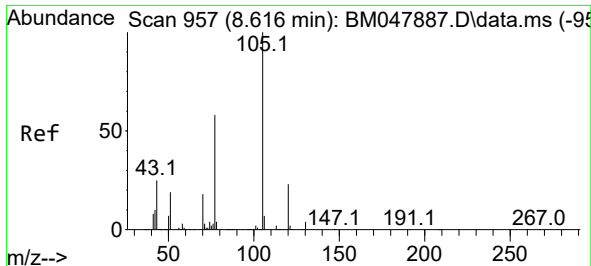
Quant Time: Oct 07 23:22:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	207306	20.000	ng/ul	0.00
20) Naphthalene-d8	10.586	136	832026	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.433	164	508165	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	1024306	20.000	ng/ul	0.00
79) Chrysene-d12	21.397	240	964716	20.000	ng/ul	0.00
88) Perylene-d12	24.397	264	1073152	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	7998	1.247	ng/uL	0.00
4) Pyridine-d5	3.651	84	1181	0.063	ng/ul	-0.01
7) Phenol-d5	6.963	99	209658	10.695	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	151195	10.869	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	186712	13.091	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	114502	7.856	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	94712	14.297	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	100839	15.884	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	184389	14.540	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	133398	6.804	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	573685	15.571	ng/ul	0.00
49) Acenaphthylene-d8	14.121	160	663147	15.181	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	70339	9.589	ng/ul	0.00
60) Fluorene-d10	15.421	176	518474	16.247	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	49139	8.198	ng/ul	0.00
73) Anthracene-d10	17.268	188	729022	14.474	ng/ul	0.00
81) Pyrene-d10	19.556	212	804251	14.689	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.185	264	657635	11.811	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.616	105	70530	2.828	ng/ul	92
72) Phenanthrene	17.209	178	250510	4.170	ng/ul	99
80) Fluoranthene	19.221	202	531146	8.237	ng/ul	97
82) Pyrene	19.586	202	323979	4.514	ng/ul#	95
85) Benzo(a)anthracene	21.380	228	231470	3.427	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.303	149	139776	3.669	ng/ul#	99
87) Chrysene	21.380	228	230369	3.498	ng/ul	97
90) Benzo(b)fluoranthene	23.450	252	337161	5.038	ng/ul	97
91) Benzo(k)fluoranthene	23.450	252	337161	4.927	ng/ul	97
93) Benzo(a)pyrene	24.250	252	89728	1.412	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.773	276	97449	1.196	ng/ul	93

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

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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

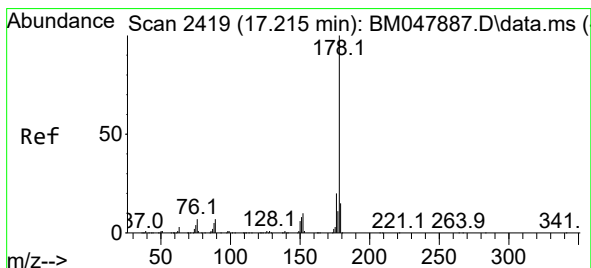
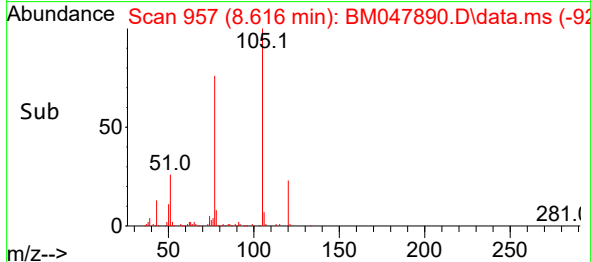
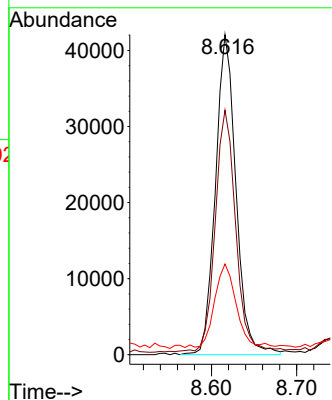
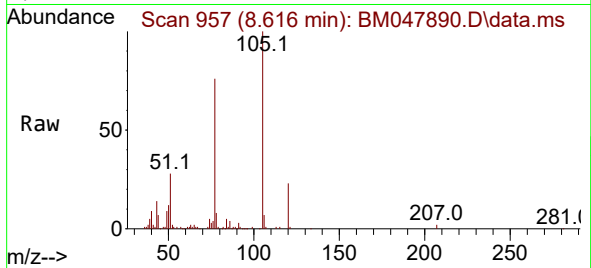




#16
Acetophenone
Concen: 2.828 ng/ul
RT: 8.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047890.D
Acq: 07 Oct 2024 19:04

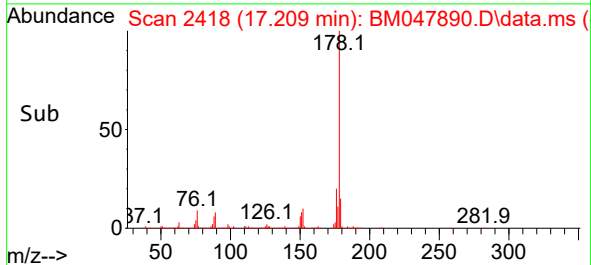
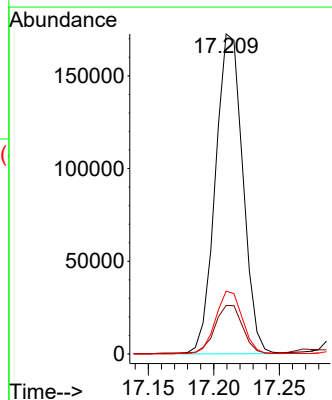
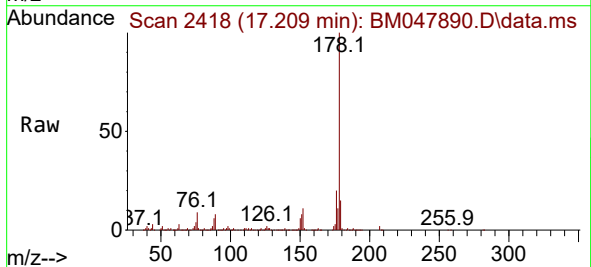
Instrument :
BNA_M
ClientSampleId :
A4EK3

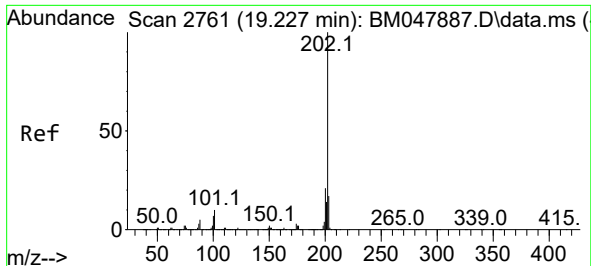
Tgt Ion:	105	Resp:	70530
Ion	Ratio	Lower	Upper
105	100		
77	76.4	66.6	100.0
51	28.3	27.0	40.4



#72
Phenanthrene
Concen: 4.170 ng/ul
RT: 17.209 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM047890.D
Acq: 07 Oct 2024 19:04

Tgt Ion:	178	Resp:	250510
Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.0	18.0
176	19.7	15.4	23.0

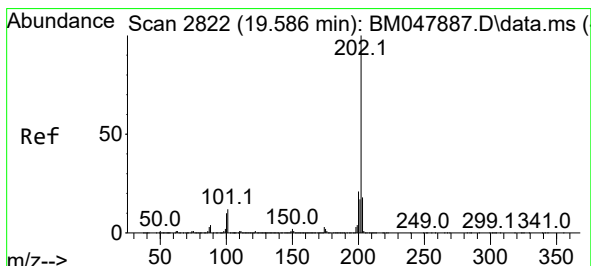
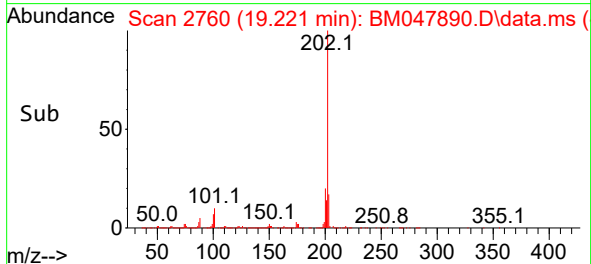
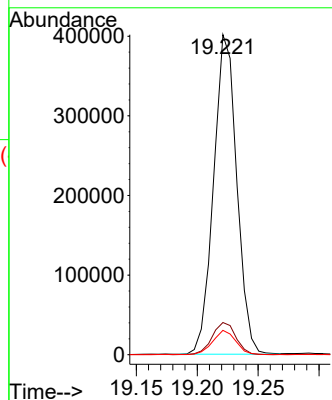
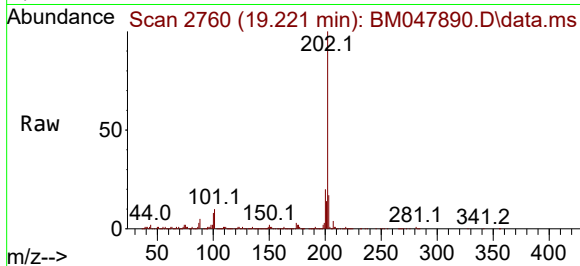




#80
Fluoranthene
Concen: 8.237 ng/ul
RT: 19.221 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047890.D
Acq: 07 Oct 2024 19:04

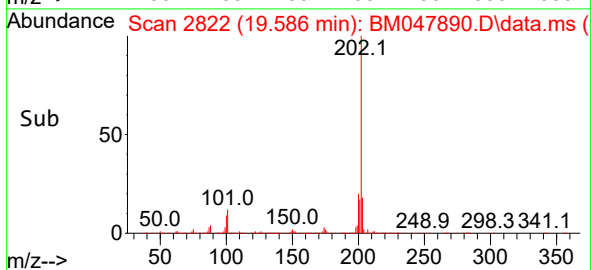
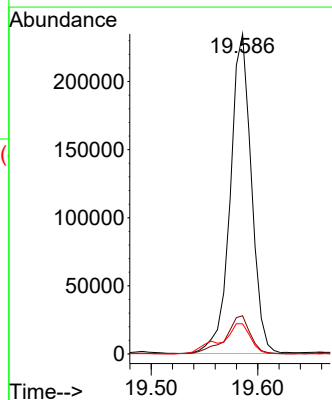
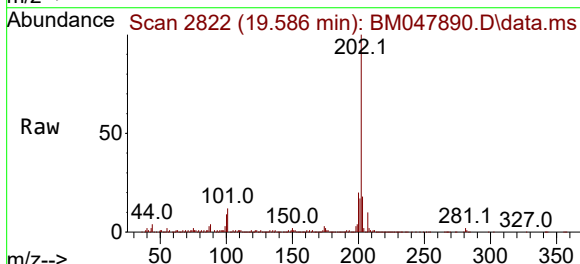
Instrument :
BNA_M
ClientSampleId :
A4EK3

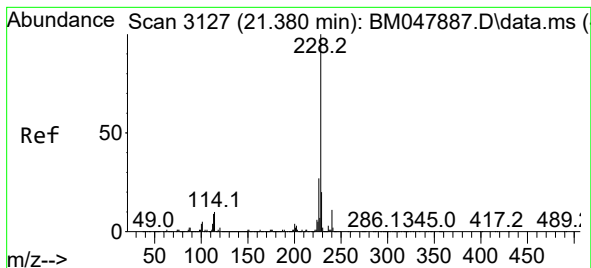
Tgt Ion:202 Resp: 531146
Ion Ratio Lower Upper
202 100
101 10.1 9.0 13.4
100 7.6 6.8 10.2



#82
Pyrene
Concen: 4.514 ng/ul
RT: 19.586 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BM047890.D
Acq: 07 Oct 2024 19:04

Tgt Ion:202 Resp: 323979
Ion Ratio Lower Upper
202 100
101 11.9 10.9 16.3
100 9.4 9.4 14.2#





#85

Benzo(a)anthracene

Concen: 3.427 ng/ul

RT: 21.380 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BM047890.D

Acq: 07 Oct 2024 19:04

Instrument :

BNA_M

ClientSampleId :

A4EK3

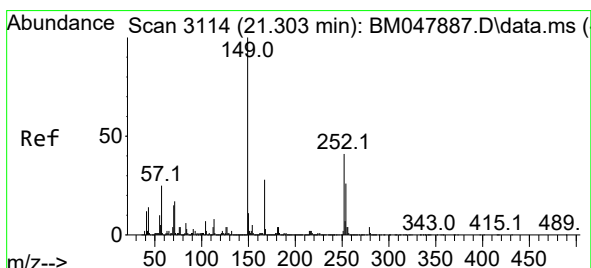
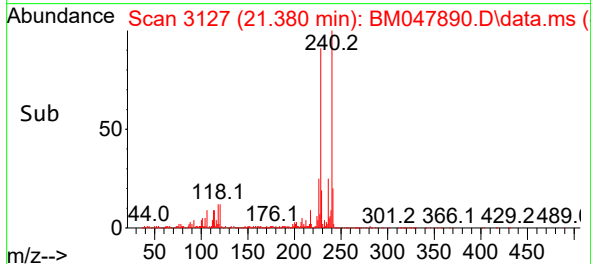
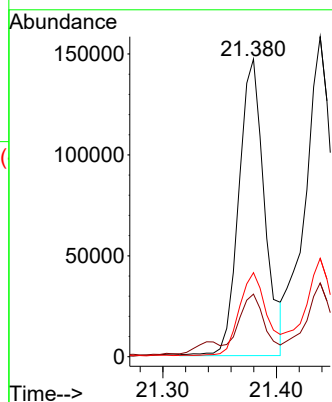
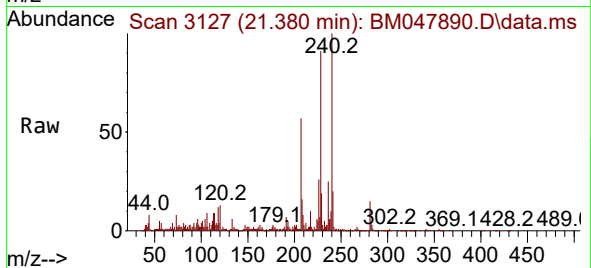
Tgt Ion:228 Resp: 231470

Ion Ratio Lower Upper

228 100

229 21.0 15.6 23.4

226 28.2 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.669 ng/ul

RT: 21.303 min Scan# 3114

Delta R.T. 0.000 min

Lab File: BM047890.D

Acq: 07 Oct 2024 19:04

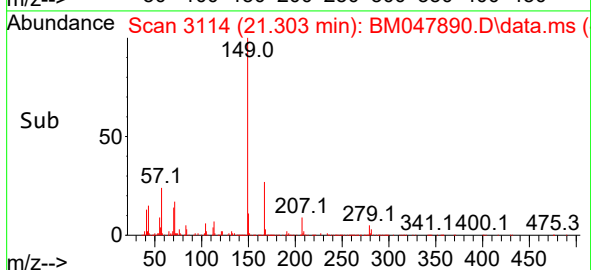
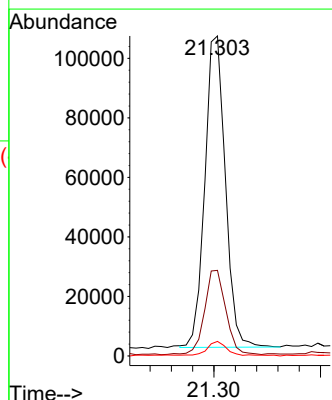
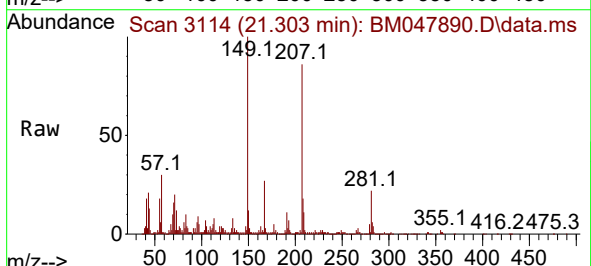
Tgt Ion:149 Resp: 139776

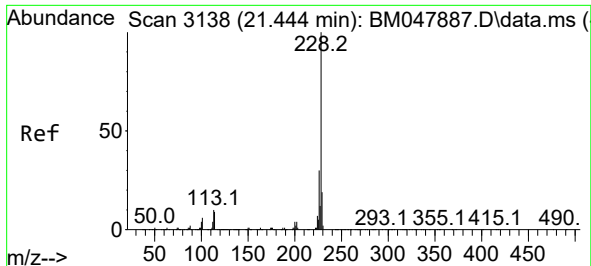
Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

279 4.6 2.7 4.1#

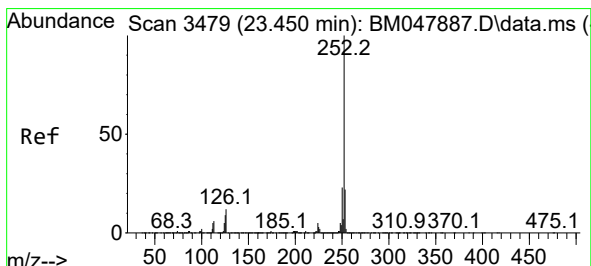
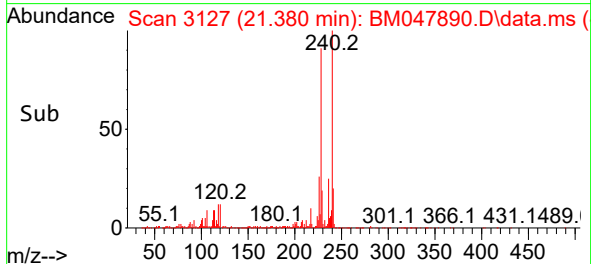
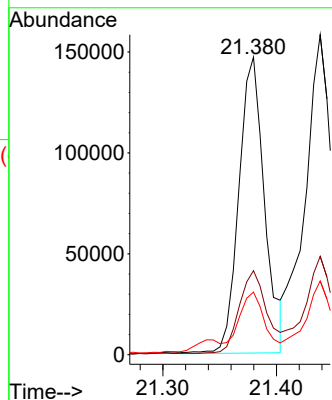
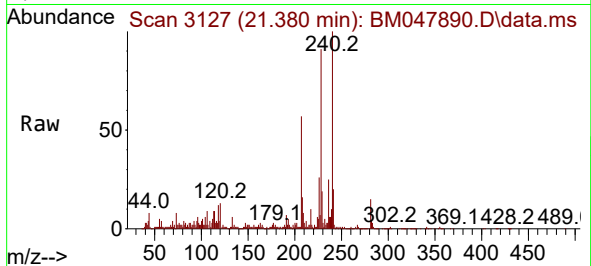




#87
Chrysene
Concen: 3.498 ng/ul
RT: 21.380 min Scan# 3138
Delta R.T. -0.059 min
Lab File: BM047890.D
Acq: 07 Oct 2024 19:04

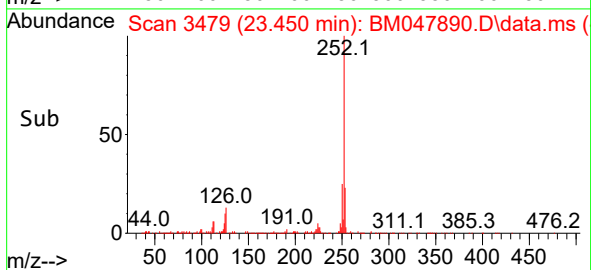
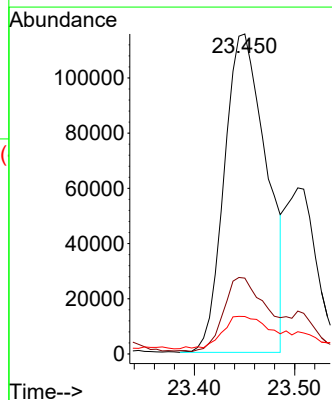
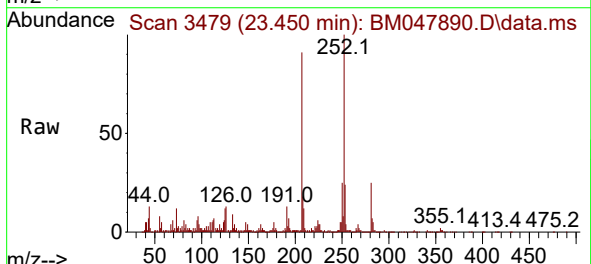
Instrument :
BNA_M
ClientSampleId :
A4EK3

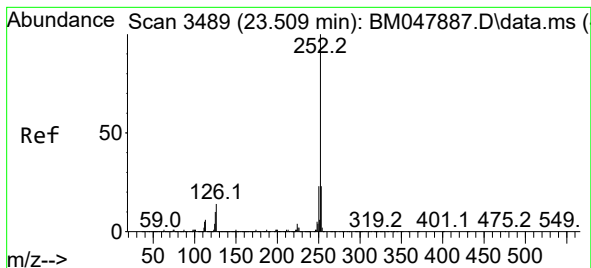
Tgt Ion:228 Resp: 230369
Ion Ratio Lower Upper
228 100
226 28.2 23.6 35.4
229 21.0 15.3 22.9



#90
Benzo(b)fluoranthene
Concen: 5.038 ng/ul
RT: 23.450 min Scan# 3479
Delta R.T. 0.000 min
Lab File: BM047890.D
Acq: 07 Oct 2024 19:04

Tgt Ion:252 Resp: 337161
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.2
125 11.7 9.0 13.4





#91

Benzo(k)fluoranthene

Concen: 4.927 ng/ul

RT: 23.450 min Scan# 34

Delta R.T. -0.059 min

Lab File: BM047890.D

Acq: 07 Oct 2024 19:04

Instrument :

BNA_M

ClientSampleId :

A4EK3

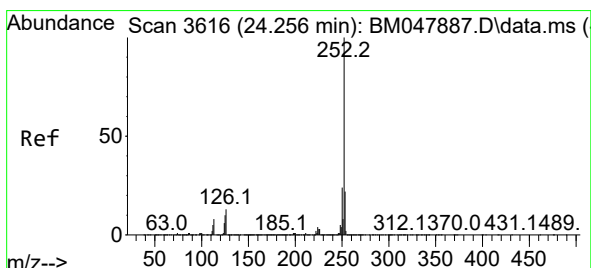
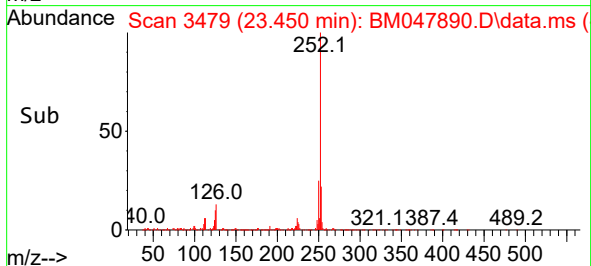
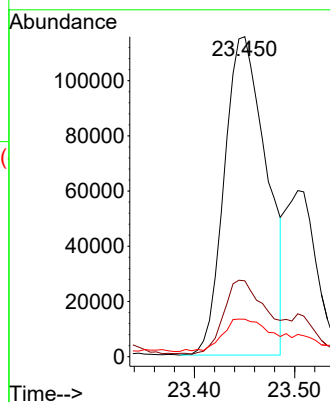
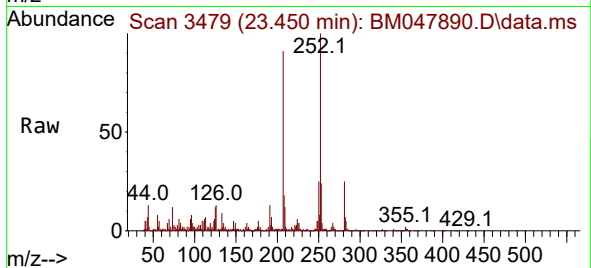
Tgt Ion:252 Resp: 337161

Ion Ratio Lower Upper

252 100

253 23.7 17.5 26.3

125 11.7 8.9 13.3



#93

Benzo(a)pyrene

Concen: 1.412 ng/ul

RT: 24.250 min Scan# 3615

Delta R.T. -0.006 min

Lab File: BM047890.D

Acq: 07 Oct 2024 19:04

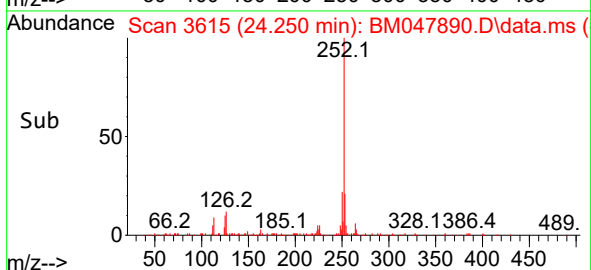
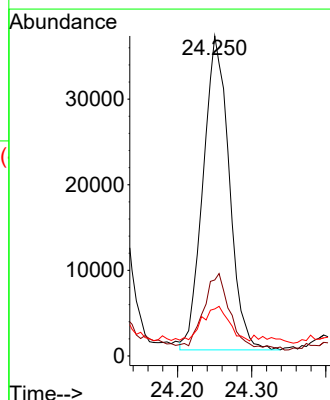
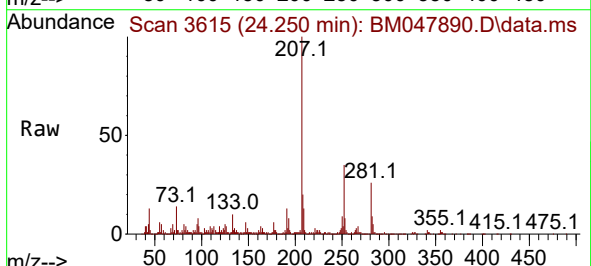
Tgt Ion:252 Resp: 89728

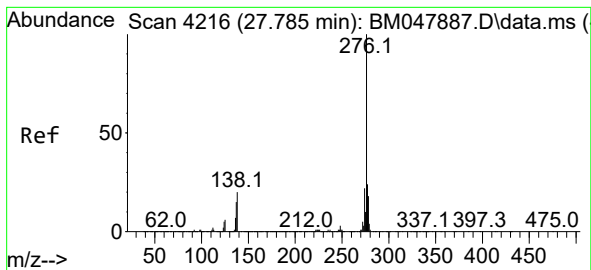
Ion Ratio Lower Upper

252 100

253 23.7 17.2 25.8

125 14.7 10.1 15.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.196 ng/ul

RT: 27.773 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM047890.D

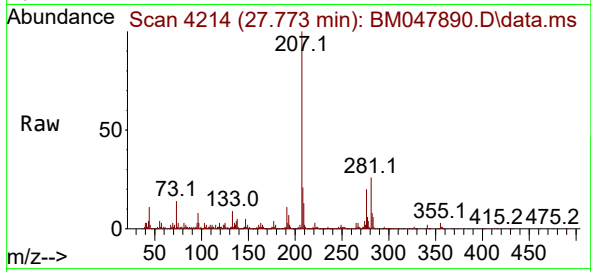
Acq: 07 Oct 2024 19:04

Instrument :

BNA_M

ClientSampleId :

A4EK3



Tgt Ion:276 Resp: 97449

Ion Ratio Lower Upper

276 100

138 24.1 16.9 25.3

277 27.4 18.9 28.3

