

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
 Data File : BM048019.D
 Acq On : 11 Oct 2024 20:34
 Operator : RC/JU
 Sample : P4237-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4F24

Quant Time: Oct 12 00:37:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 10 05:10:14 2024
 Response via : Initial Calibration

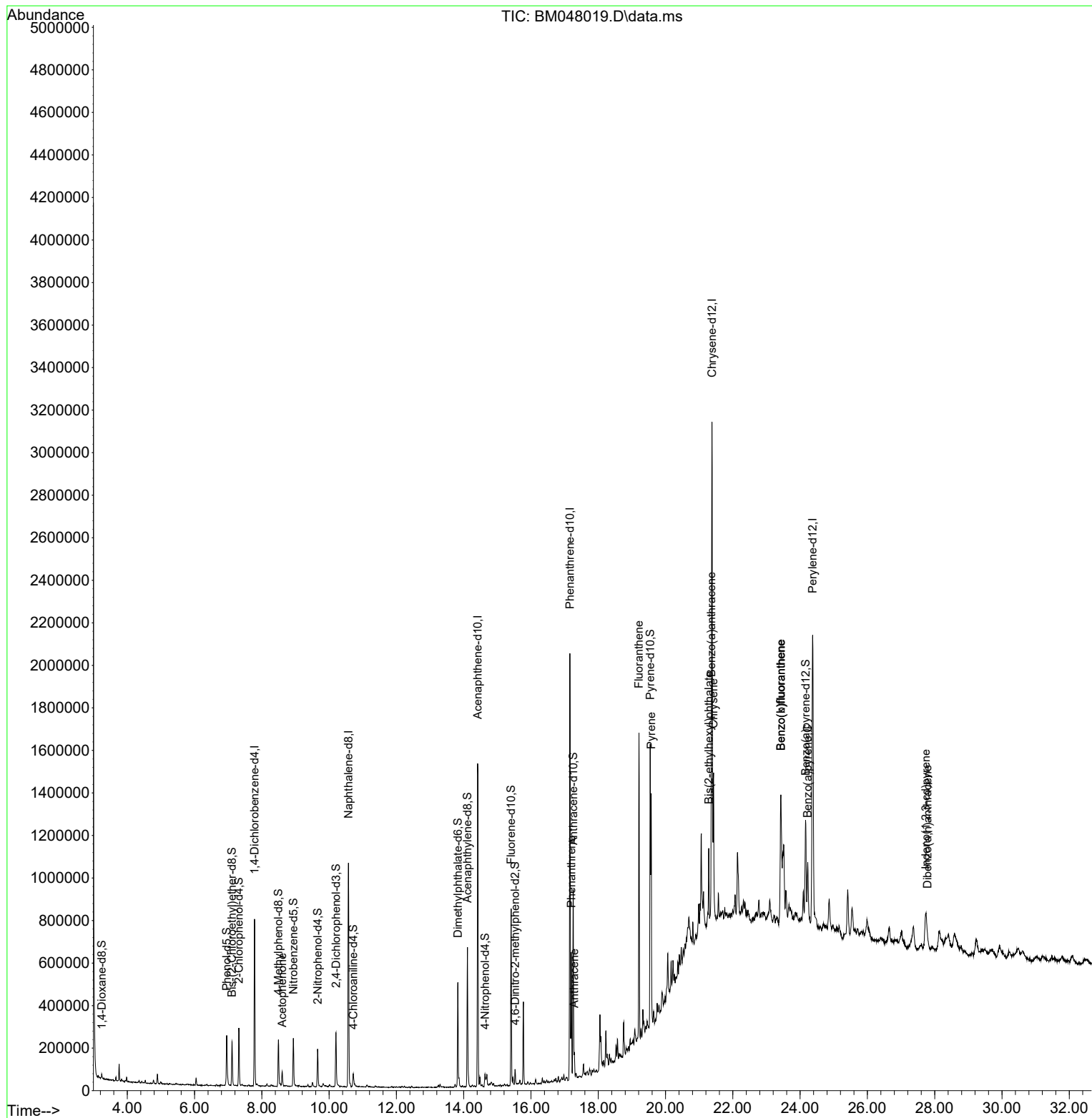
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	226141	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	899923	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	555400	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	1178203	20.000	ng/ul	0.00
79) Chrysene-d12	21.380	240	1115308	20.000	ng/ul	0.00
88) Perylene-d12	24.368	264	1302288	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	9997	1.429	ng/uL	0.00
4) Pyridine-d5	3.652	84	233	0.011	ng/ul	0.00
7) Phenol-d5	6.957	99	144482	6.757	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	96206	6.340	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	134504	8.645	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	91068	5.728	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	61454	8.577	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	62198	9.058	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	112944	8.234	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	48277	2.277	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	348988	8.667	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	430121	9.009	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	21659	2.702	ng/ul	0.01
60) Fluorene-d10	15.410	176	330817	9.485	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	15122	2.193	ng/ul	0.00
73) Anthracene-d10	17.257	188	508047	8.769	ng/ul	0.00
81) Pyrene-d10	19.545	212	598606	9.457	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.162	264	486610	7.202	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.604	105	37255	1.369	ng/ul	92
72) Phenanthrene	17.198	178	343457	4.971	ng/ul	99
74) Anthracene	17.286	178	70495	1.000	ng/ul	98
80) Fluoranthene	19.209	202	862411	11.568	ng/ul	100
82) Pyrene	19.574	202	699280	8.428	ng/ul	96
85) Benzo(a)anthracene	21.362	228	381929	4.891	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.286	149	152009	3.451	ng/ul#	98
87) Chrysene	21.427	228	459815	6.040	ng/ul	97
90) Benzo(b)fluoranthene	23.427	252	668402	8.230	ng/ul	98
91) Benzo(k)fluoranthene	23.427	252	668402	8.049	ng/ul	98
93) Benzo(a)pyrene	24.227	252	272116	3.528	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.738	276	266199	2.693	ng/ul	96
95) Dibenzo(a,h)anthracene	27.785	278	83155	1.027	ng/ul#	86

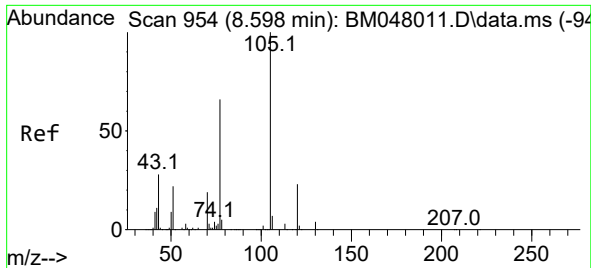
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
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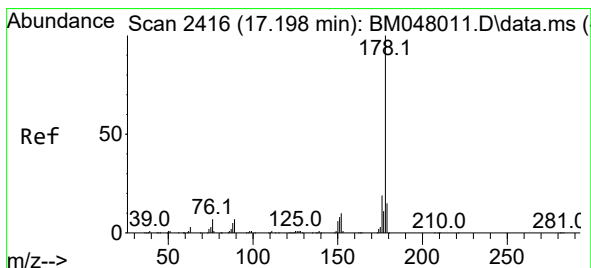
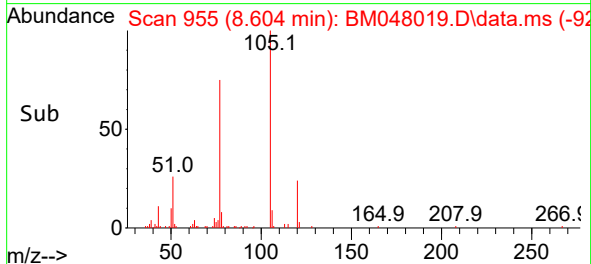
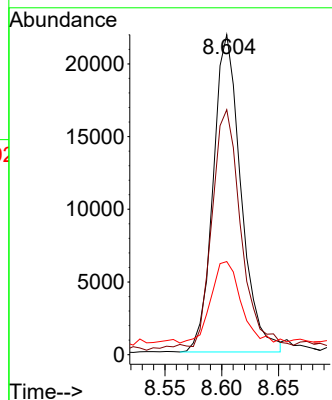
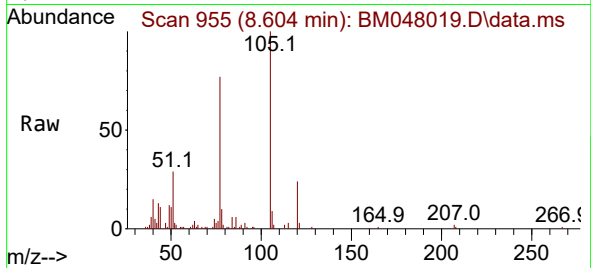




#16
Acetophenone
Concen: 1.369 ng/ul
RT: 8.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM048019.D
Acq: 11 Oct 2024 20:34

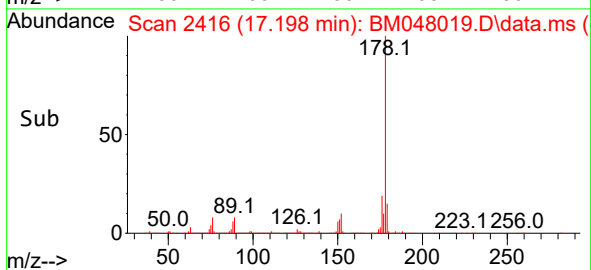
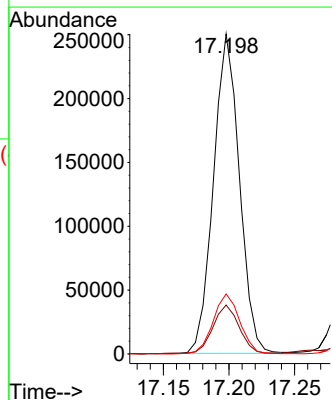
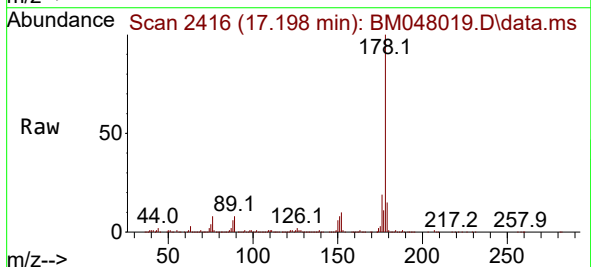
Instrument :
BNA_M
ClientSampleId :
A4F24

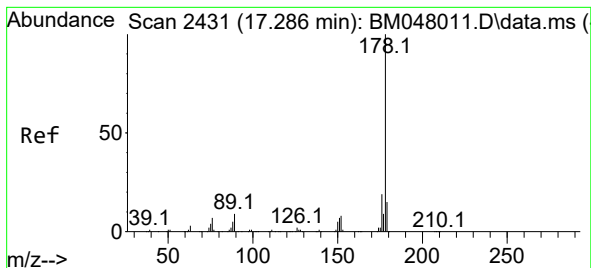
Tgt Ion:105 Resp: 37255
Ion Ratio Lower Upper
105 100
77 76.6 66.6 100.0
51 29.1 27.0 40.4



#72
Phenanthrene
Concen: 4.971 ng/ul
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM048019.D
Acq: 11 Oct 2024 20:34

Tgt Ion:178 Resp: 343457
Ion Ratio Lower Upper
178 100
179 15.3 12.0 18.0
176 18.8 15.4 23.0





#74

Anthracene

Concen: 1.000 ng/ul

RT: 17.286 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BM048019.D

Acq: 11 Oct 2024 20:34

Instrument :

BNA_M

ClientSampleId :

A4F24

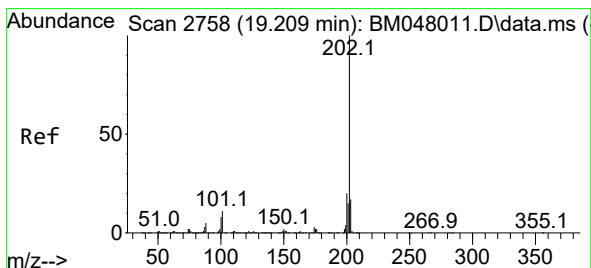
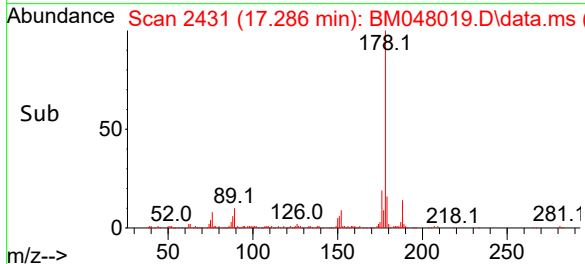
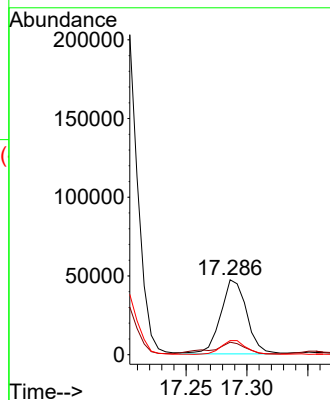
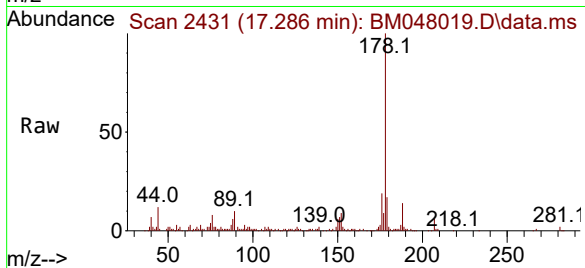
Tgt Ion:178 Resp: 70495

Ion Ratio Lower Upper

178 100

179 16.8 12.4 18.6

176 18.7 14.7 22.1



#80

Fluoranthene

Concen: 11.568 ng/ul

RT: 19.209 min Scan# 2758

Delta R.T. -0.006 min

Lab File: BM048019.D

Acq: 11 Oct 2024 20:34

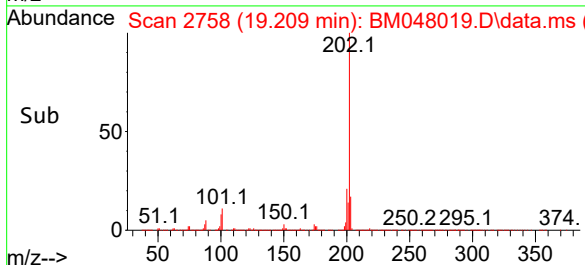
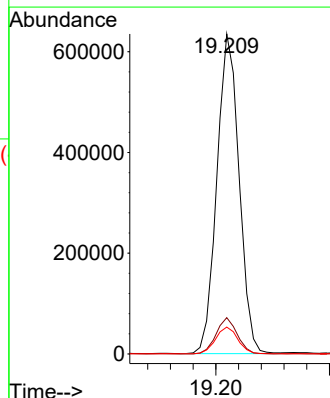
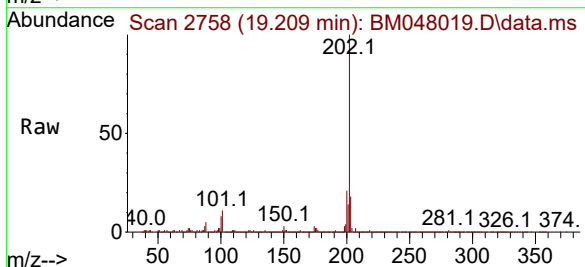
Tgt Ion:202 Resp: 862411

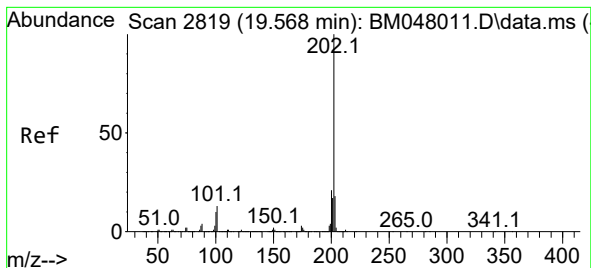
Ion Ratio Lower Upper

202 100

101 11.4 9.0 13.4

100 8.4 6.8 10.2





#82

Pyrene

Concen: 8.428 ng/ul

RT: 19.574 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM048019.D

Acq: 11 Oct 2024 20:34

Instrument :

BNA_M

ClientSampleId :

A4F24

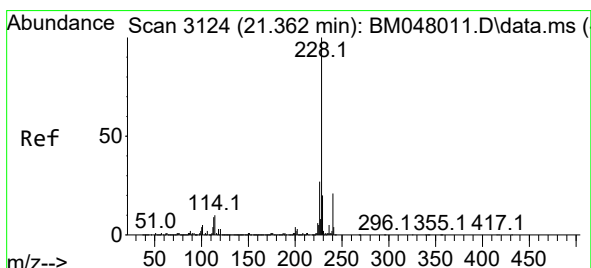
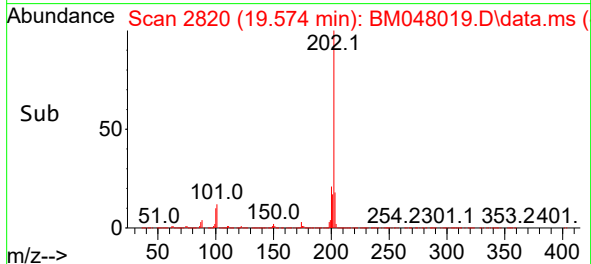
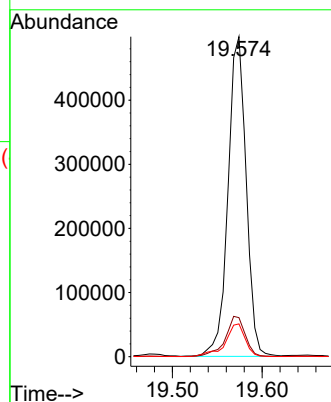
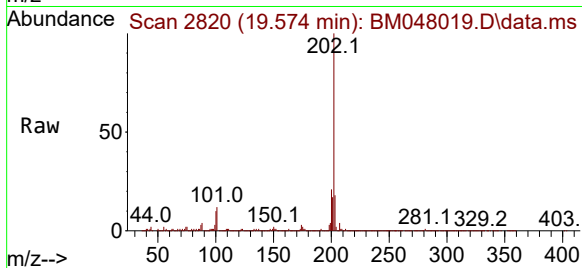
Tgt Ion:202 Resp: 699280

Ion Ratio Lower Upper

202 100

101 12.2 10.9 16.3

100 10.3 9.4 14.2



#85

Benzo(a)anthracene

Concen: 4.891 ng/ul

RT: 21.362 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BM048019.D

Acq: 11 Oct 2024 20:34

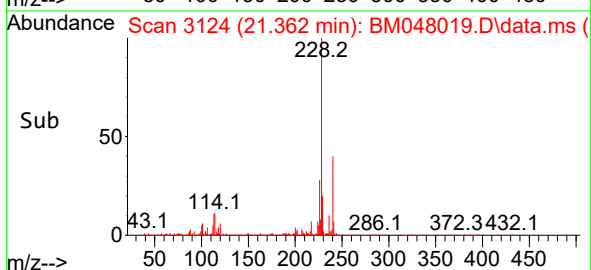
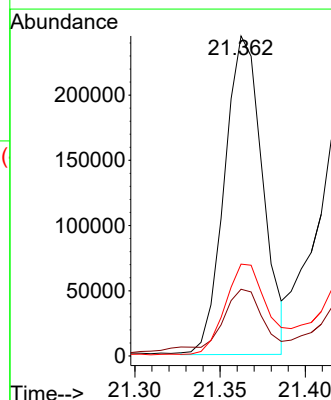
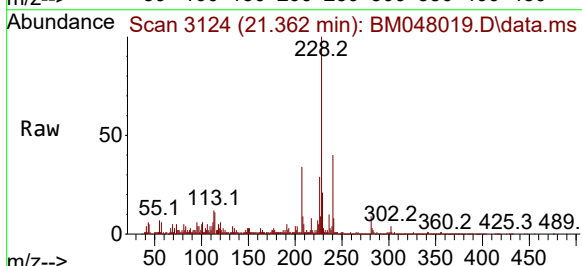
Tgt Ion:228 Resp: 381929

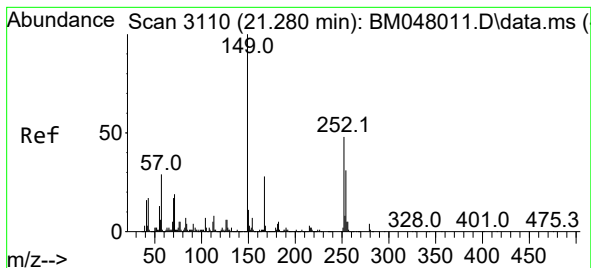
Ion Ratio Lower Upper

228 100

229 20.9 15.6 23.4

226 28.7 21.9 32.9

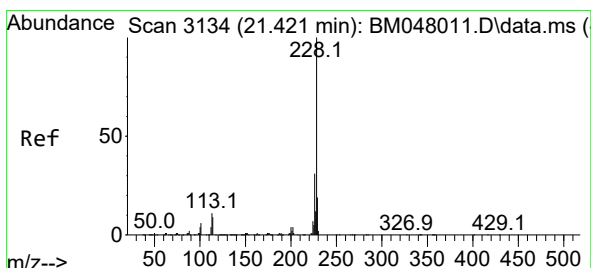
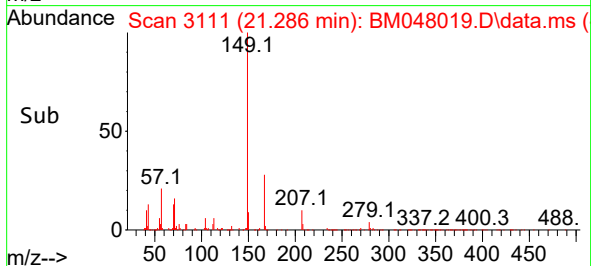
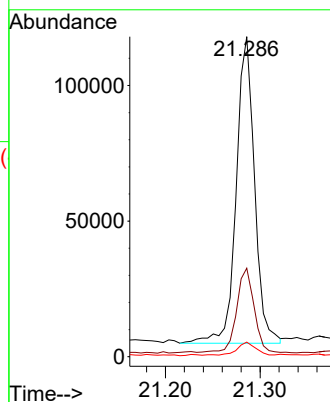
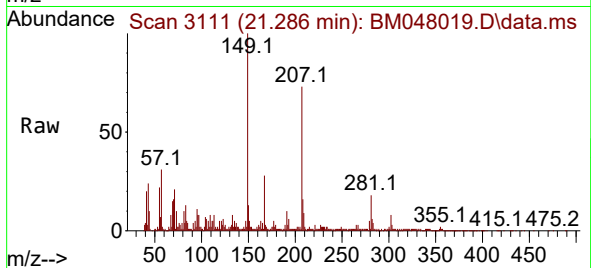




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 3.451 ng/ul
 RT: 21.286 min Scan# 3111
 Delta R.T. 0.000 min
 Lab File: BM048019.D
 Acq: 11 Oct 2024 20:34

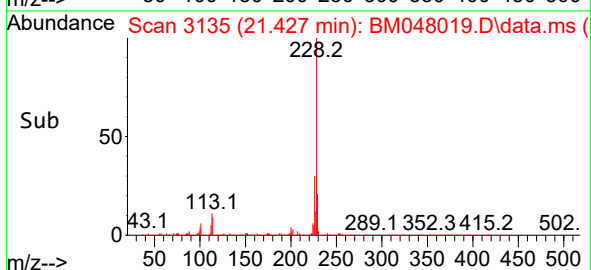
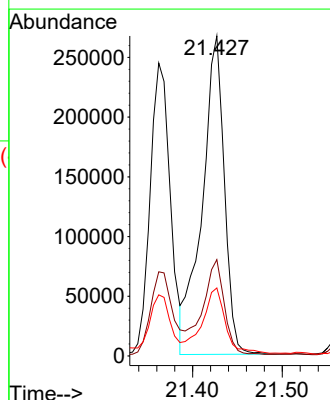
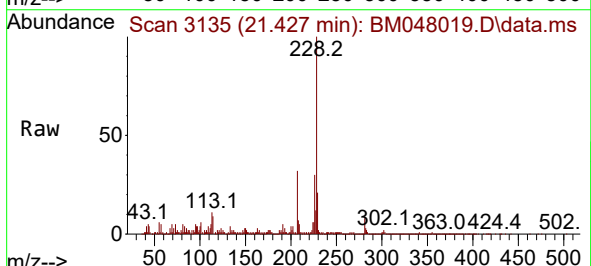
Instrument :
 BNA_M
 ClientSampleId :
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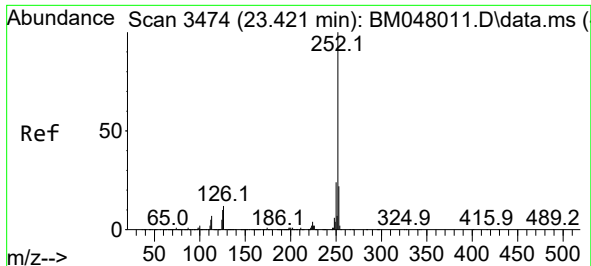
Tgt Ion:149 Resp: 152009
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.3 31.9
 279 4.6 2.7 4.1#



#87
 Chrysene
 Concen: 6.040 ng/ul
 RT: 21.427 min Scan# 3135
 Delta R.T. 0.000 min
 Lab File: BM048019.D
 Acq: 11 Oct 2024 20:34

Tgt Ion:228 Resp: 459815
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.6 35.4
 229 21.2 15.3 22.9

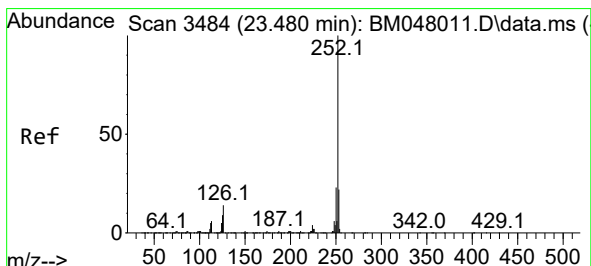
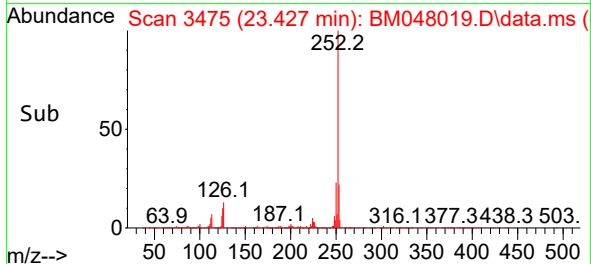
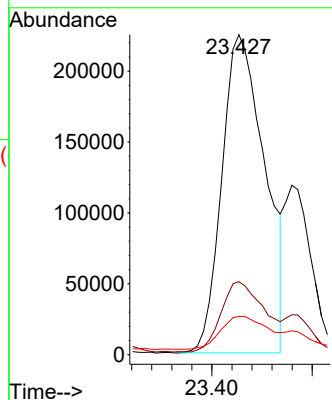
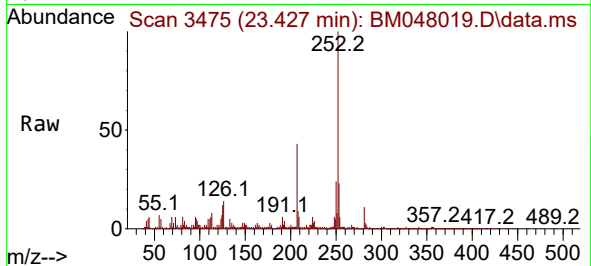




#90
Benzo(b)fluoranthene
Concen: 8.230 ng/ul
RT: 23.427 min Scan# 3475
Delta R.T. 0.000 min
Lab File: BM048019.D
Acq: 11 Oct 2024 20:34

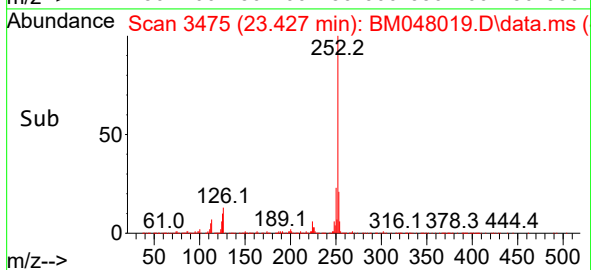
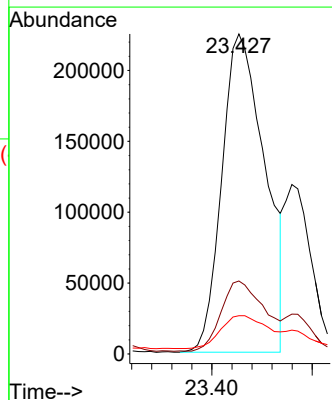
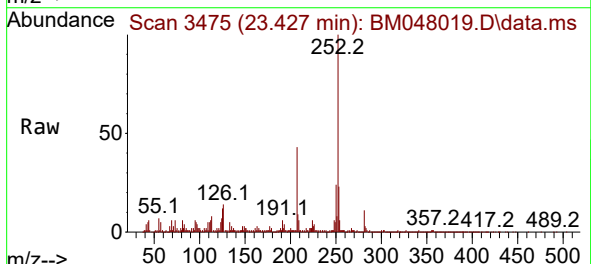
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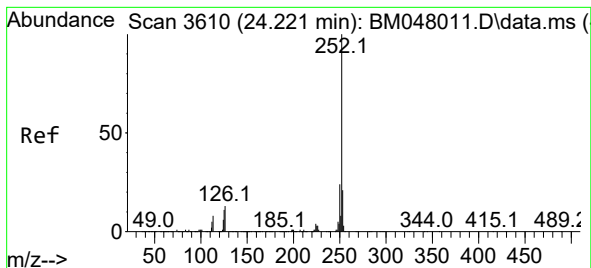
Tgt Ion:252 Resp: 668402
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 12.0 9.0 13.4



#91
Benzo(k)fluoranthene
Concen: 8.049 ng/ul
RT: 23.427 min Scan# 3475
Delta R.T. -0.059 min
Lab File: BM048019.D
Acq: 11 Oct 2024 20:34

Tgt Ion:252 Resp: 668402
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 12.0 8.9 13.3





#93

Benzo(a)pyrene

Concen: 3.528 ng/ul

RT: 24.227 min Scan# 3611

Delta R.T. -0.006 min

Lab File: BM048019.D

Acq: 11 Oct 2024 20:34

Instrument :

BNA_M

ClientSampleId :

A4F24

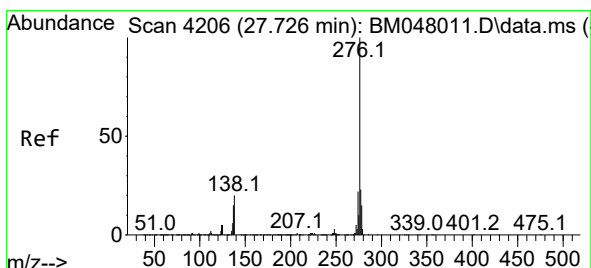
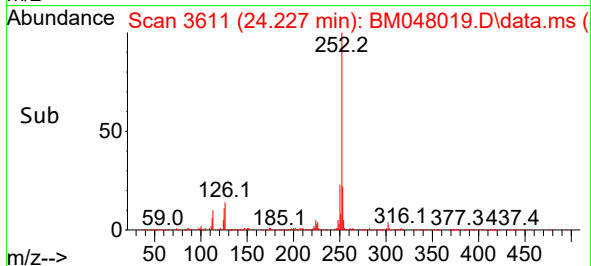
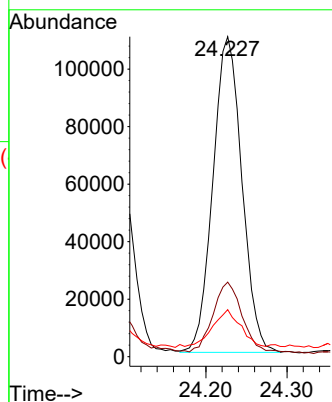
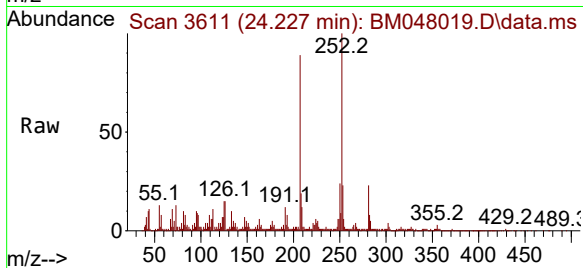
Tgt Ion:252 Resp: 272116

Ion Ratio Lower Upper

252 100

253 23.3 17.2 25.8

125 14.7 10.1 15.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.693 ng/ul

RT: 27.738 min Scan# 4208

Delta R.T. -0.006 min

Lab File: BM048019.D

Acq: 11 Oct 2024 20:34

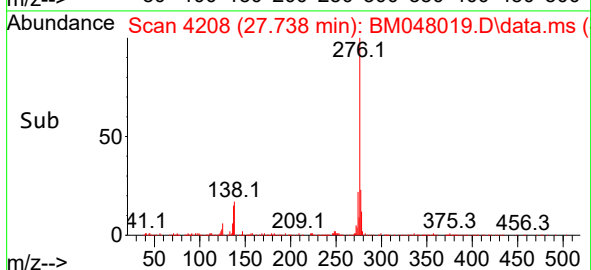
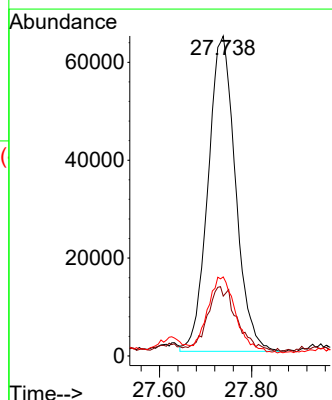
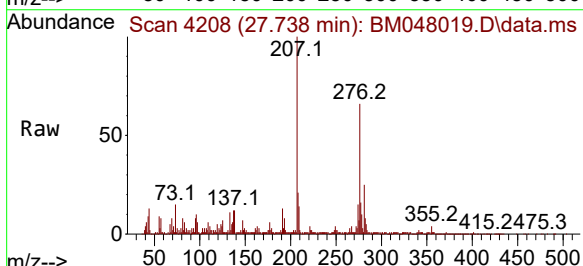
Tgt Ion:276 Resp: 266199

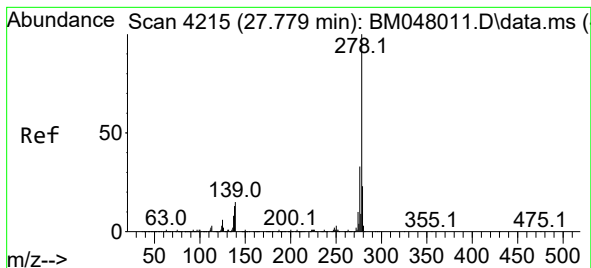
Ion Ratio Lower Upper

276 100

138 18.7 16.9 25.3

277 24.7 18.9 28.3





#95

Dibenzo(a,h)anthracene

Concen: 1.027 ng/ul

RT: 27.785 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM048019.D

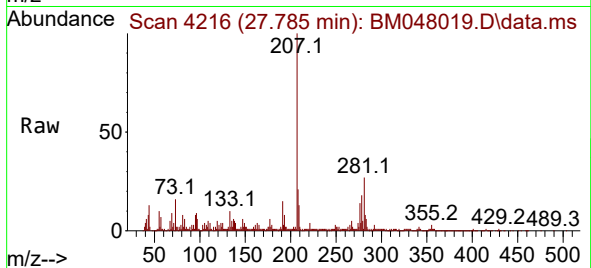
Acq: 11 Oct 2024 20:34

Instrument :

BNA_M

ClientSampleId :

A4F24



Tgt Ion:278 Resp: 83155

Ion Ratio Lower Upper

278 100

139 23.2 13.4 20.2#

279 29.2 18.4 27.6#

