

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
 Data File : BM042931.D
 Acq On : 20 Nov 2023 16:53
 Operator : MA/JU
 Sample : 05174-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COAN1

Quant Time: Nov 20 22:57:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM11323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration

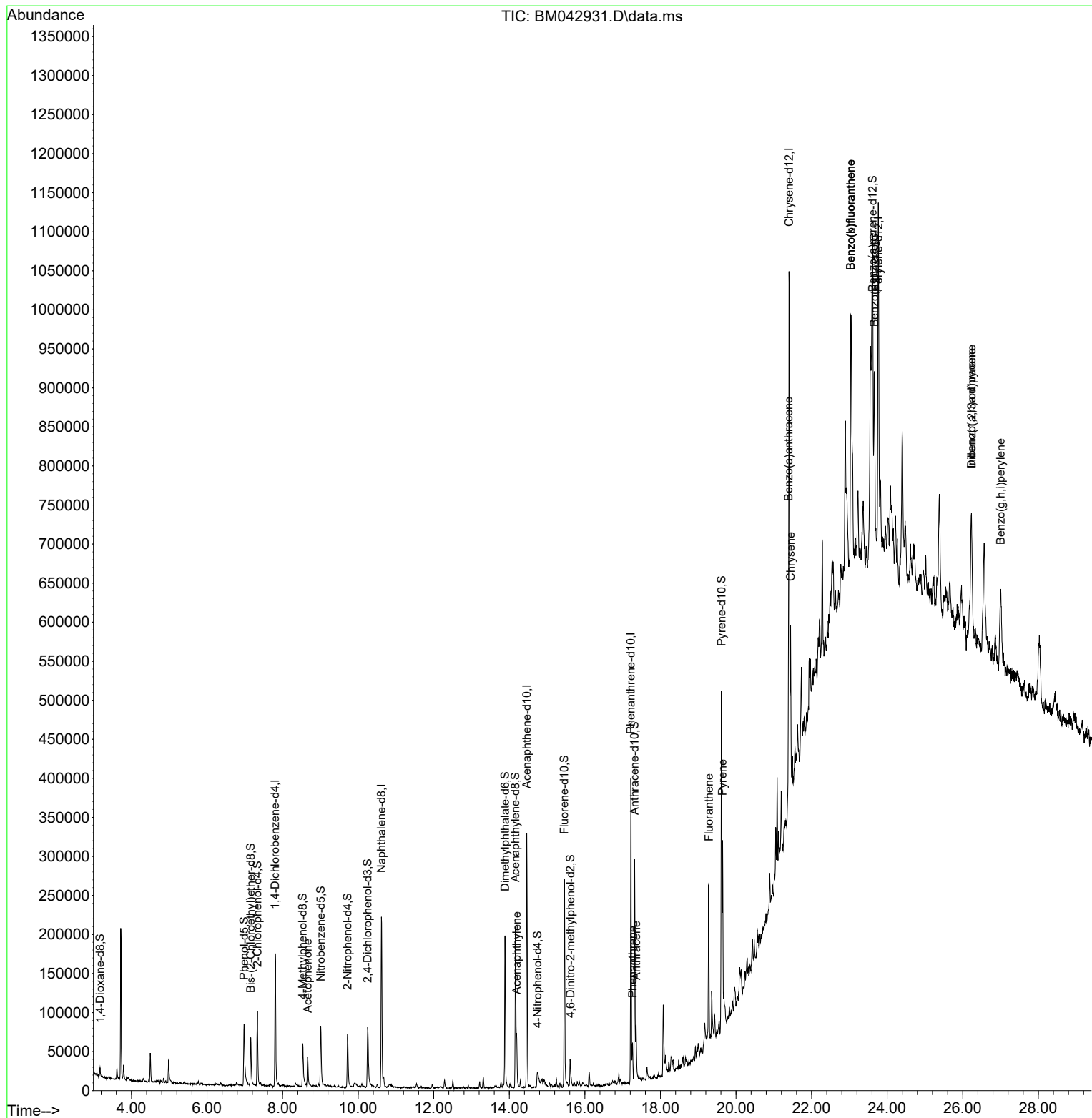
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	36872	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	140894	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	89036	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.215	188	200982	20.000	ng/ul	-0.01
79) Chrysene-d12	21.403	240	242397	20.000	ng/ul	# 0.00
88) Perylene-d12	23.768	264	306716	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	3885	3.306	ng/uL	0.00
4) Pyridine-d5	3.616	84	738	0.252	ng/ul	0.01
7) Phenol-d5	6.981	99	39054	10.883	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	28983	11.494	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	29638	10.704	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	19429	6.876	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	12574	10.179	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	14981	10.367	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	28470	10.596	ng/ul	0.00
31) 4-Chloroaniline-d4	10.827	131	1693	0.496	ng/ul	0.03
46) Dimethylphthalate-d6	13.886	166	105083	12.470	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	110002	12.201	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	3177	3.337	ng/ul	0.02
60) Fluorene-d10	15.457	176	88667	12.707	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.615	200	5774	3.793	ng/ul	0.00
73) Anthracene-d10	17.315	188	142331	12.636	ng/ul	-0.01
81) Pyrene-d10	19.615	212	188602	11.882	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.615	264	232390	12.667	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.663	105	15966	3.360	ng/ul#	91
50) Acenaphthylene	14.198	152	39932	3.953	ng/ul	97
72) Phenanthrene	17.262	178	24898	1.983	ng/ul	97
74) Anthracene	17.356	178	38050	3.013	ng/ul	99
80) Fluoranthene	19.280	202	108531	5.997	ng/ul	100
82) Pyrene	19.645	202	122920	6.405	ng/ul	99
85) Benzo(a)anthracene	21.392	228	107769	5.664	ng/ul	93
87) Chrysene	21.444	228	82181	4.453	ng/ul	96
90) Benzo(b)fluoranthene	23.038	252	270914	12.943	ng/ul#	93
91) Benzo(k)fluoranthene	23.038	252	270914	12.158	ng/ul#	94
93) Benzo(a)pyrene	23.662	252	145548	7.136	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.232	276	134360	5.300	ng/ul	97
95) Dibenzo(a,h)anthracene	26.232	278	39495	1.879	ng/ul#	63
96) Benzo(g,h,i)perylene	27.003	276	115612	5.744	ng/ul#	90

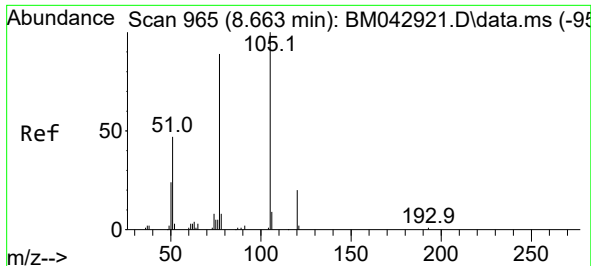
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
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Quant Time: Nov 20 22:57:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

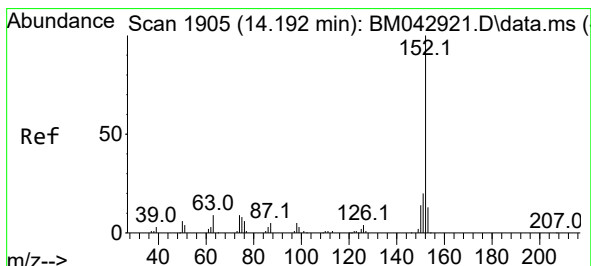
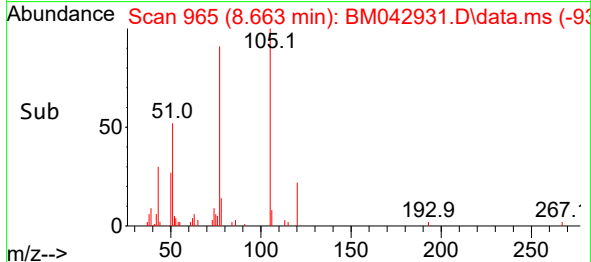
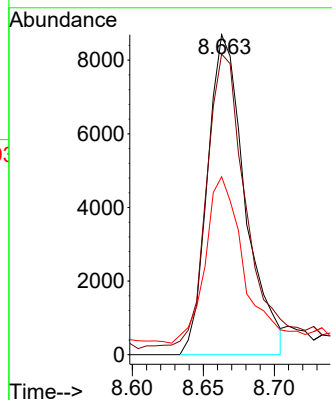
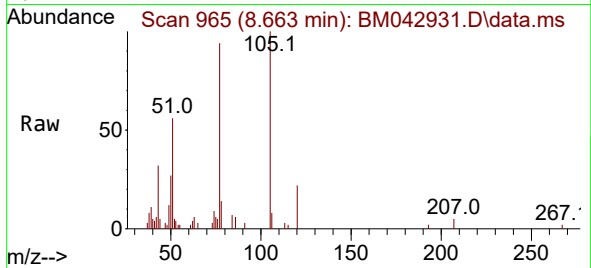




#16
 Acetophenone
 Concen: 3.360 ng/ul
 RT: 8.663 min Scan# 965
 Delta R.T. 0.000 min
 Lab File: BM042931.D
 Acq: 20 Nov 2023 16:53

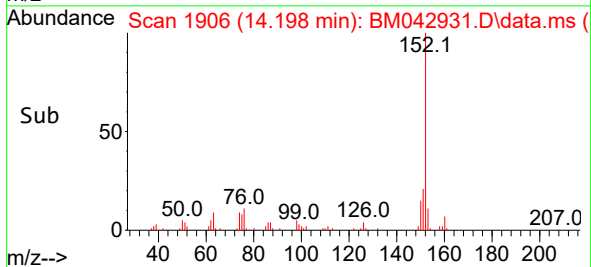
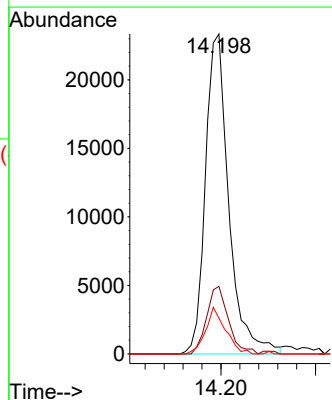
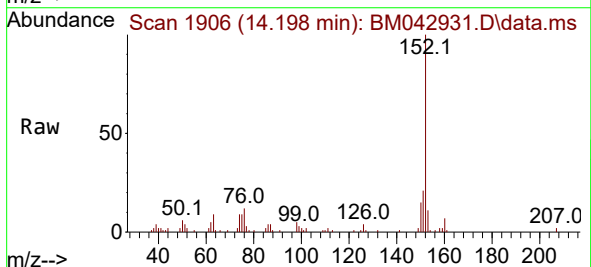
Instrument :
 BNA_M
 ClientSampleId :
 COAN1

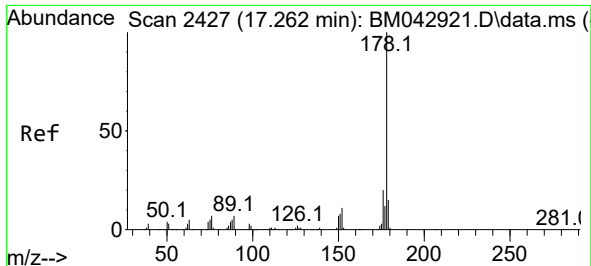
Tgt Ion:105 Resp: 15966
 Ion Ratio Lower Upper
 105 100
 77 93.9 71.6 107.4
 51 55.6 35.4 53.2#



#50
 Acenaphthylene
 Concen: 3.953 ng/ul
 RT: 14.198 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: BM042931.D
 Acq: 20 Nov 2023 16:53

Tgt Ion:152 Resp: 39932
 Ion Ratio Lower Upper
 152 100
 151 21.1 16.0 24.0
 153 11.2 10.5 15.7

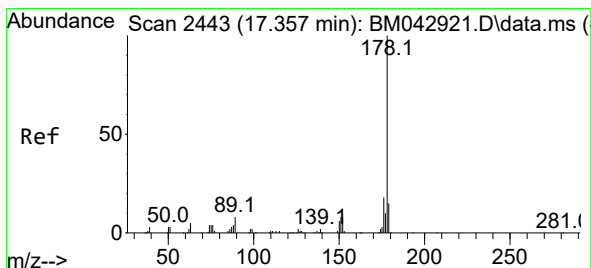
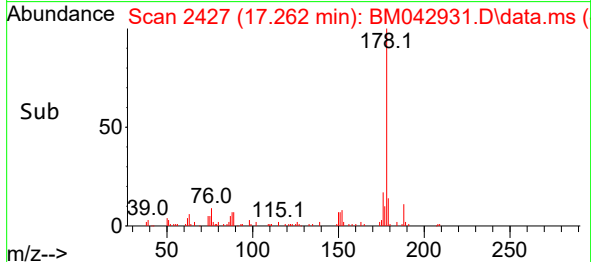
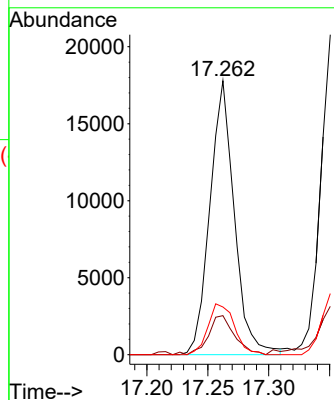
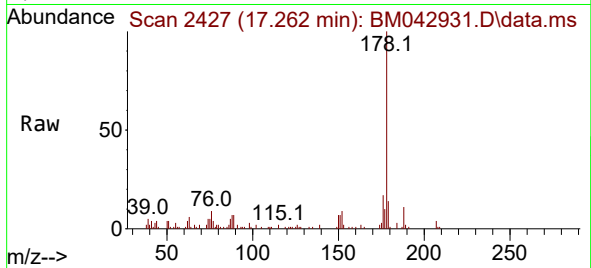




#72
Phenanthrene
Concen: 1.983 ng/u1
RT: 17.262 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BM042931.D
Acq: 20 Nov 2023 16:53

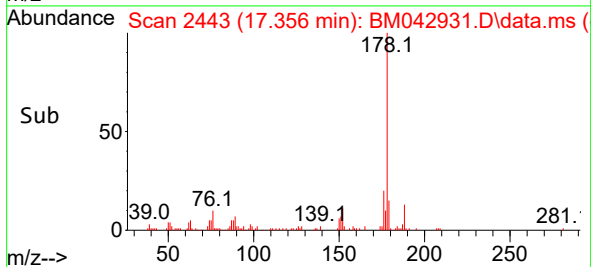
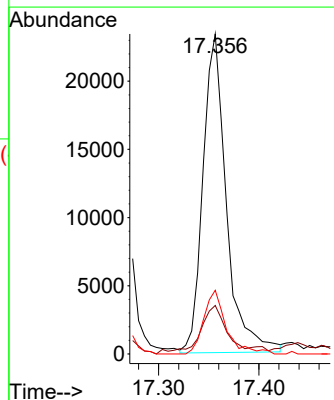
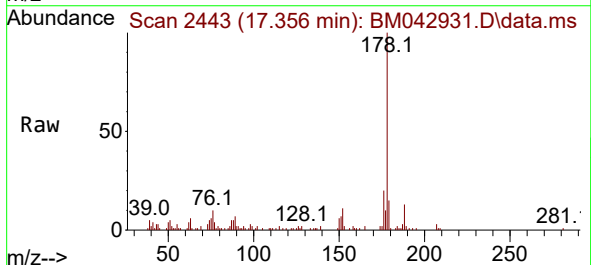
Instrument :
BNA_M
ClientSampleId :
C0AN1

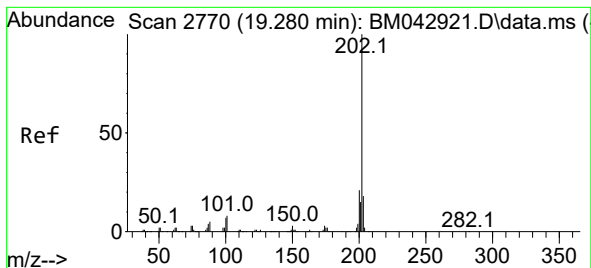
Tgt Ion:178 Resp: 24898
Ion Ratio Lower Upper
178 100
179 14.2 11.4 17.2
176 17.4 15.5 23.3



#74
Anthracene
Concen: 3.013 ng/u1
RT: 17.356 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BM042931.D
Acq: 20 Nov 2023 16:53

Tgt Ion:178 Resp: 38050
Ion Ratio Lower Upper
178 100
179 15.2 12.0 18.0
176 19.9 15.7 23.5





#80

Fluoranthene

Concen: 5.997 ng/ul

RT: 19.280 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042931.D

Acq: 20 Nov 2023 16:53

Instrument :

BNA_M

ClientSampleId :

COAN1

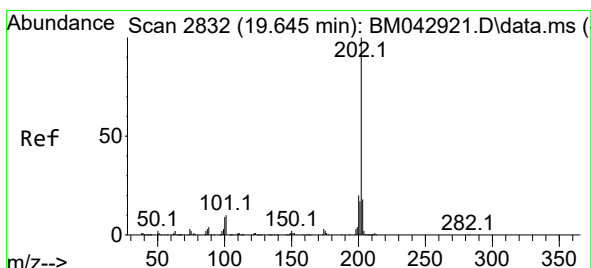
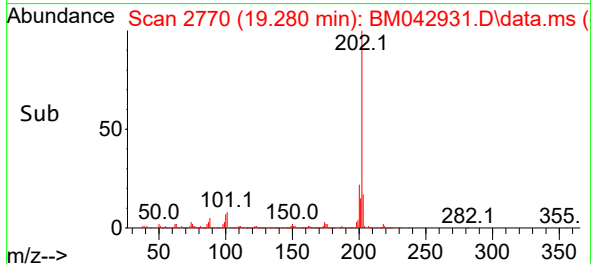
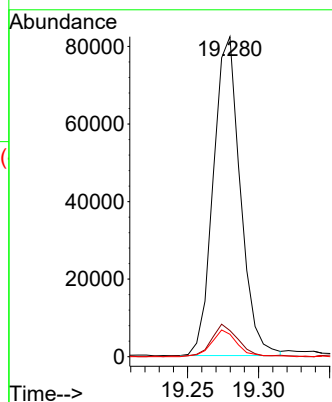
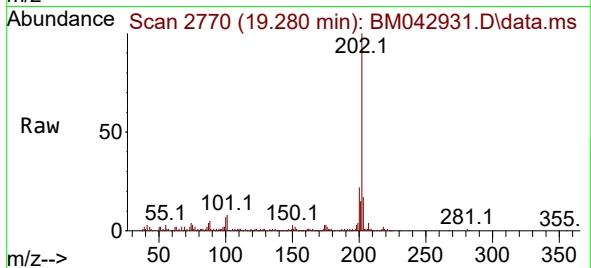
Tgt Ion:202 Resp: 108531

Ion Ratio Lower Upper

202 100

101 8.2 6.6 9.8

100 7.0 5.6 8.4



#82

Pyrene

Concen: 6.405 ng/ul

RT: 19.645 min Scan# 2832

Delta R.T. -0.006 min

Lab File: BM042931.D

Acq: 20 Nov 2023 16:53

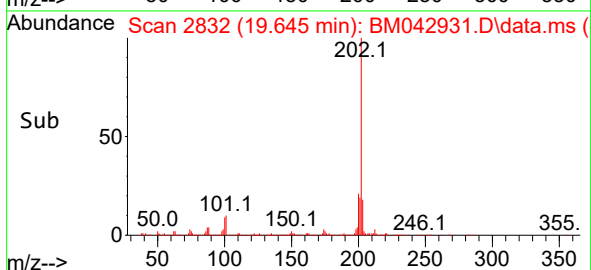
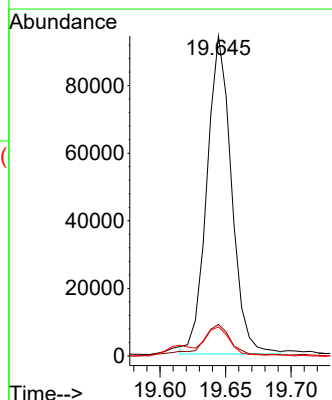
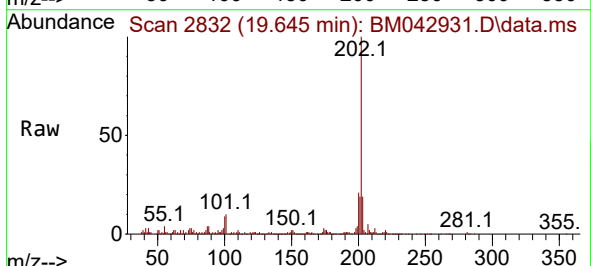
Tgt Ion:202 Resp: 122920

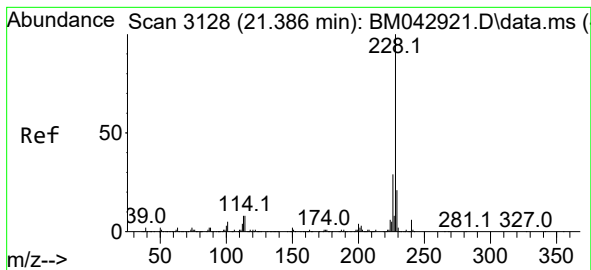
Ion Ratio Lower Upper

202 100

101 9.9 8.1 12.1

100 9.1 6.9 10.3





#85

Benzo(a)anthracene

Concen: 5.664 ng/ul

RT: 21.392 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BM042931.D

Acq: 20 Nov 2023 16:53

Instrument :

BNA_M

ClientSampleId :

COAN1

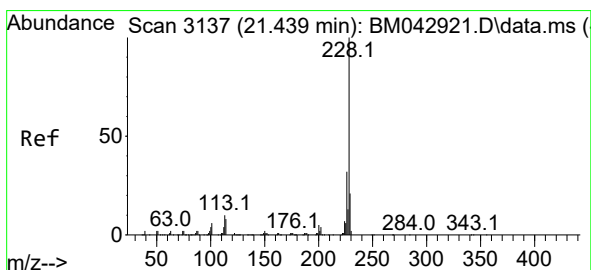
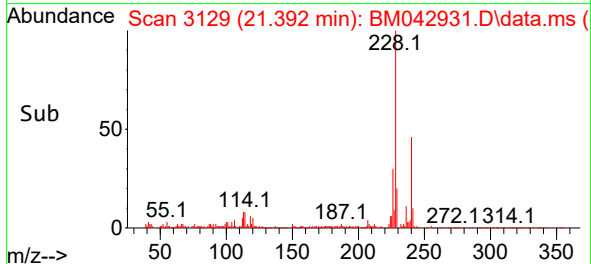
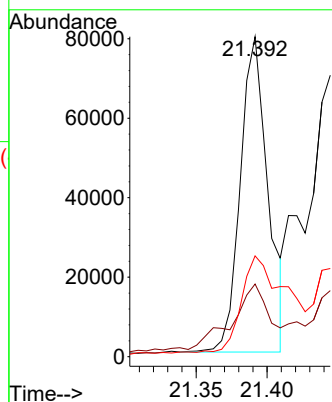
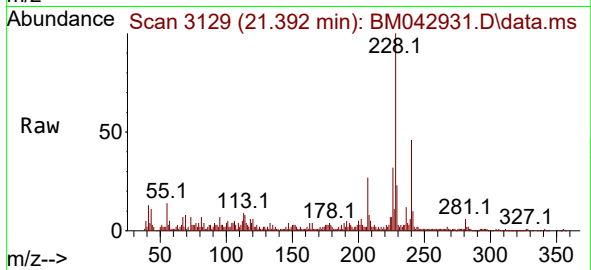
Tgt Ion:228 Resp: 107769

Ion Ratio Lower Upper

228 100

229 22.7 15.8 23.6

226 31.5 22.5 33.7



#87

Chrysene

Concen: 4.453 ng/ul

RT: 21.444 min Scan# 3138

Delta R.T. -0.006 min

Lab File: BM042931.D

Acq: 20 Nov 2023 16:53

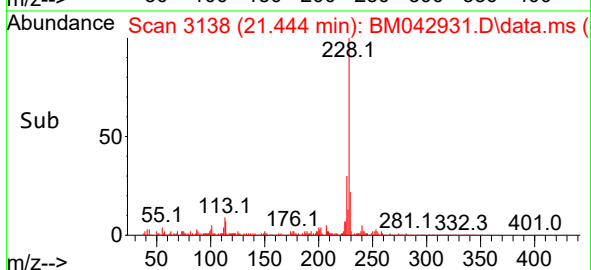
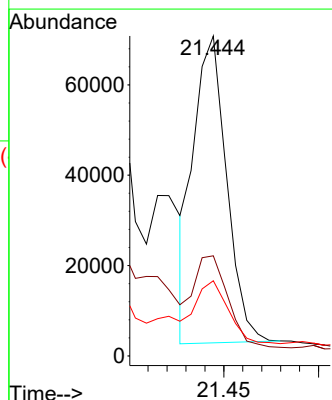
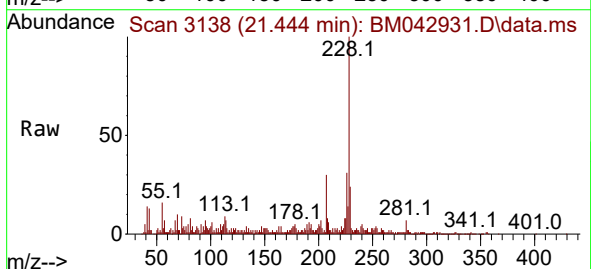
Tgt Ion:228 Resp: 82181

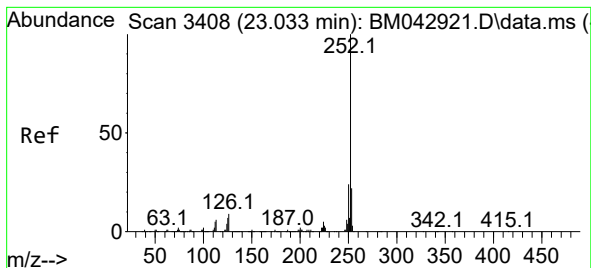
Ion Ratio Lower Upper

228 100

226 31.3 24.3 36.5

229 23.5 15.7 23.5





#90

Benzo(b)fluoranthene

Concen: 12.943 ng/ul

RT: 23.038 min Scan# 3408

Delta R.T. -0.006 min

Lab File: BM042931.D

Acq: 20 Nov 2023 16:53

Instrument :

BNA_M

ClientSampleId :

COAN1

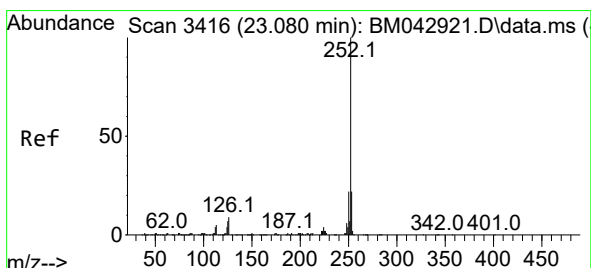
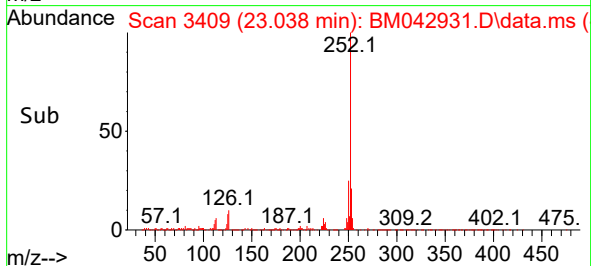
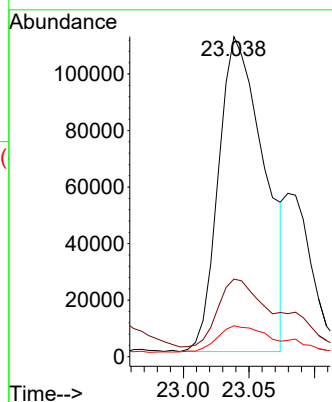
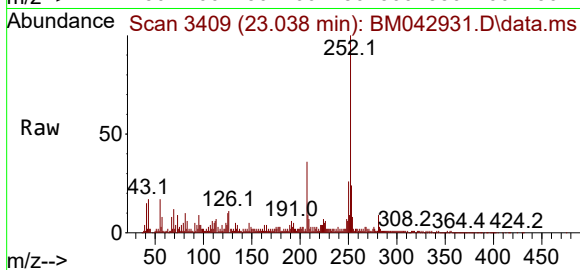
Tgt Ion:252 Resp: 270914

Ion Ratio Lower Upper

252 100

253 24.3 17.0 25.6

125 9.6 5.2 7.8#



#91

Benzo(k)fluoranthene

Concen: 12.158 ng/ul

RT: 23.038 min Scan# 3409

Delta R.T. -0.053 min

Lab File: BM042931.D

Acq: 20 Nov 2023 16:53

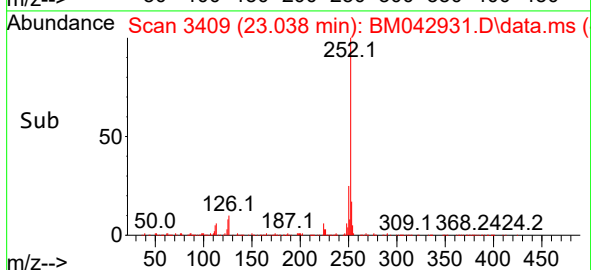
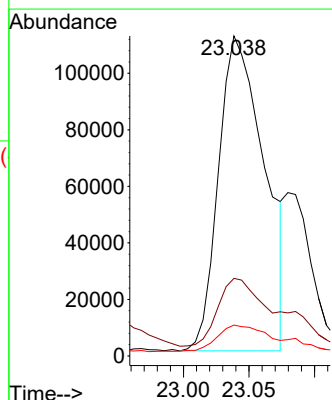
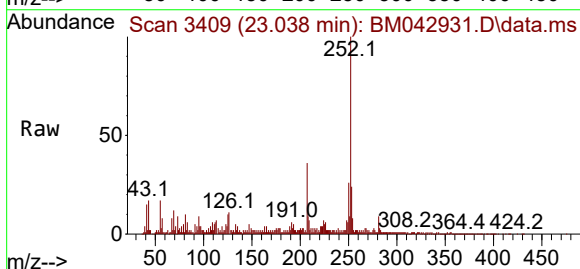
Tgt Ion:252 Resp: 270914

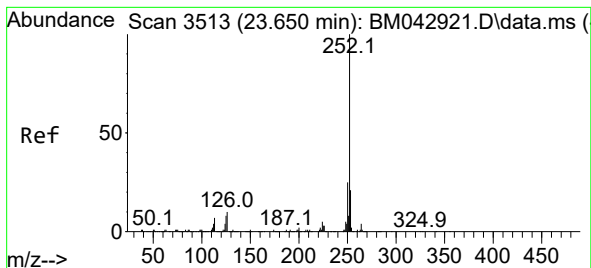
Ion Ratio Lower Upper

252 100

253 24.3 17.5 26.3

125 9.6 5.5 8.3#





#93

Benzo(a)pyrene

Concen: 7.136 ng/ul

RT: 23.662 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM042931.D

Acq: 20 Nov 2023 16:53

Instrument :

BNA_M

ClientSampleId :

COAN1

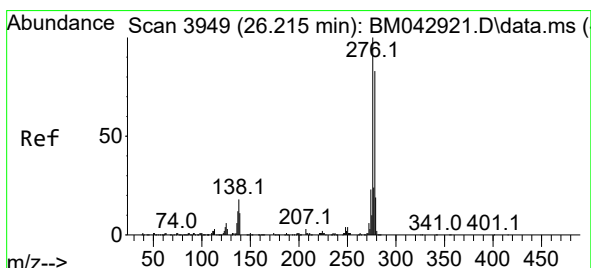
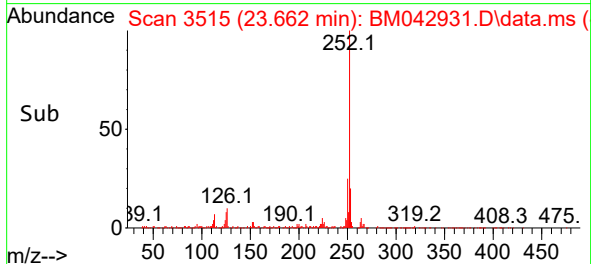
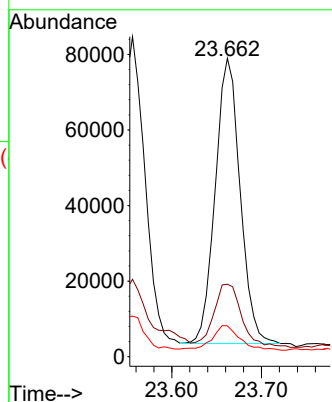
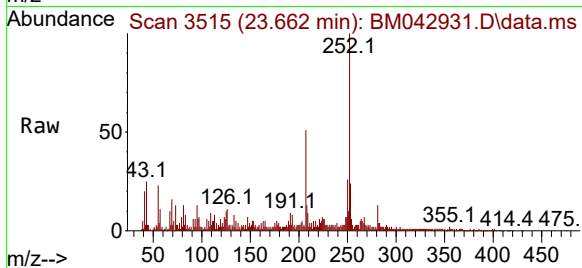
Tgt Ion:252 Resp: 145548

Ion Ratio Lower Upper

252 100

253 24.3 17.0 25.6

125 10.4 6.3 9.5#



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.300 ng/ul

RT: 26.232 min Scan# 3952

Delta R.T. 0.006 min

Lab File: BM042931.D

Acq: 20 Nov 2023 16:53

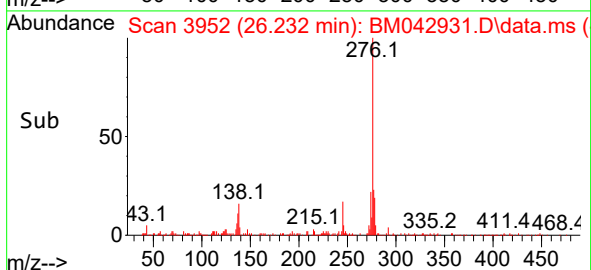
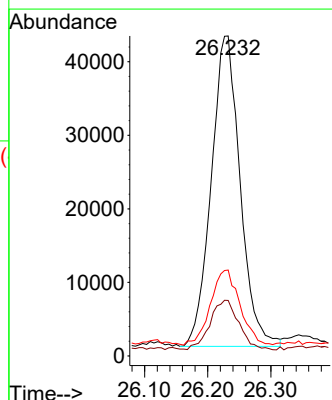
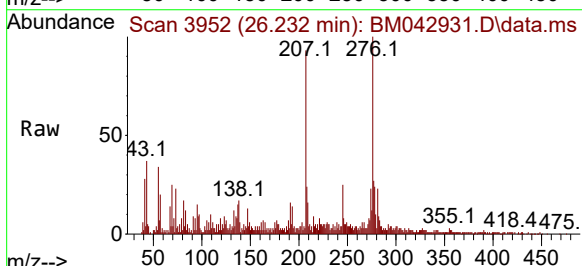
Tgt Ion:276 Resp: 134360

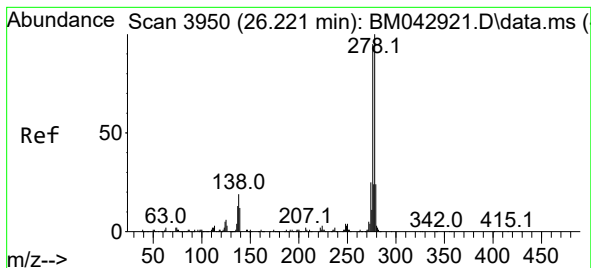
Ion Ratio Lower Upper

276 100

138 17.4 13.8 20.8

277 26.8 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 1.879 ng/ul

RT: 26.232 min Scan# 3952

Delta R.T. -0.006 min

Lab File: BM042931.D

Acq: 20 Nov 2023 16:53

Instrument :

BNA_M

ClientSampleId :

COAN1

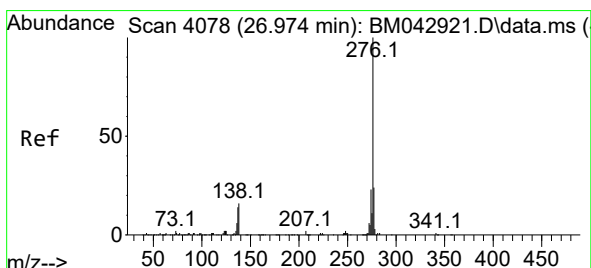
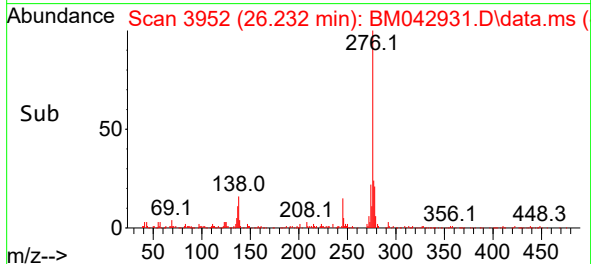
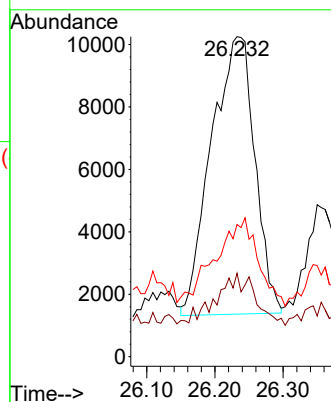
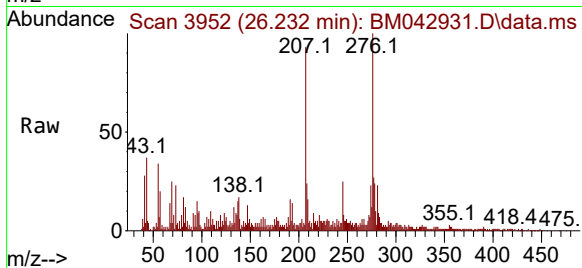
Tgt Ion:278 Resp: 39495

Ion Ratio Lower Upper

278 100

139 26.1 9.0 13.4#

279 41.3 18.8 28.2#



#96

Benzo(g,h,i)perylene

Concen: 5.744 ng/ul

RT: 27.003 min Scan# 4083

Delta R.T. 0.012 min

Lab File: BM042931.D

Acq: 20 Nov 2023 16:53

Tgt Ion:276 Resp: 115612

Ion Ratio Lower Upper

276 100

138 20.7 13.0 19.6#

277 27.4 18.4 27.6

