

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
 Data File : BM043426.D
 Acq On : 19 Dec 2023 14:39
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4157

Quant Time: Dec 19 23:35:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 23:32:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

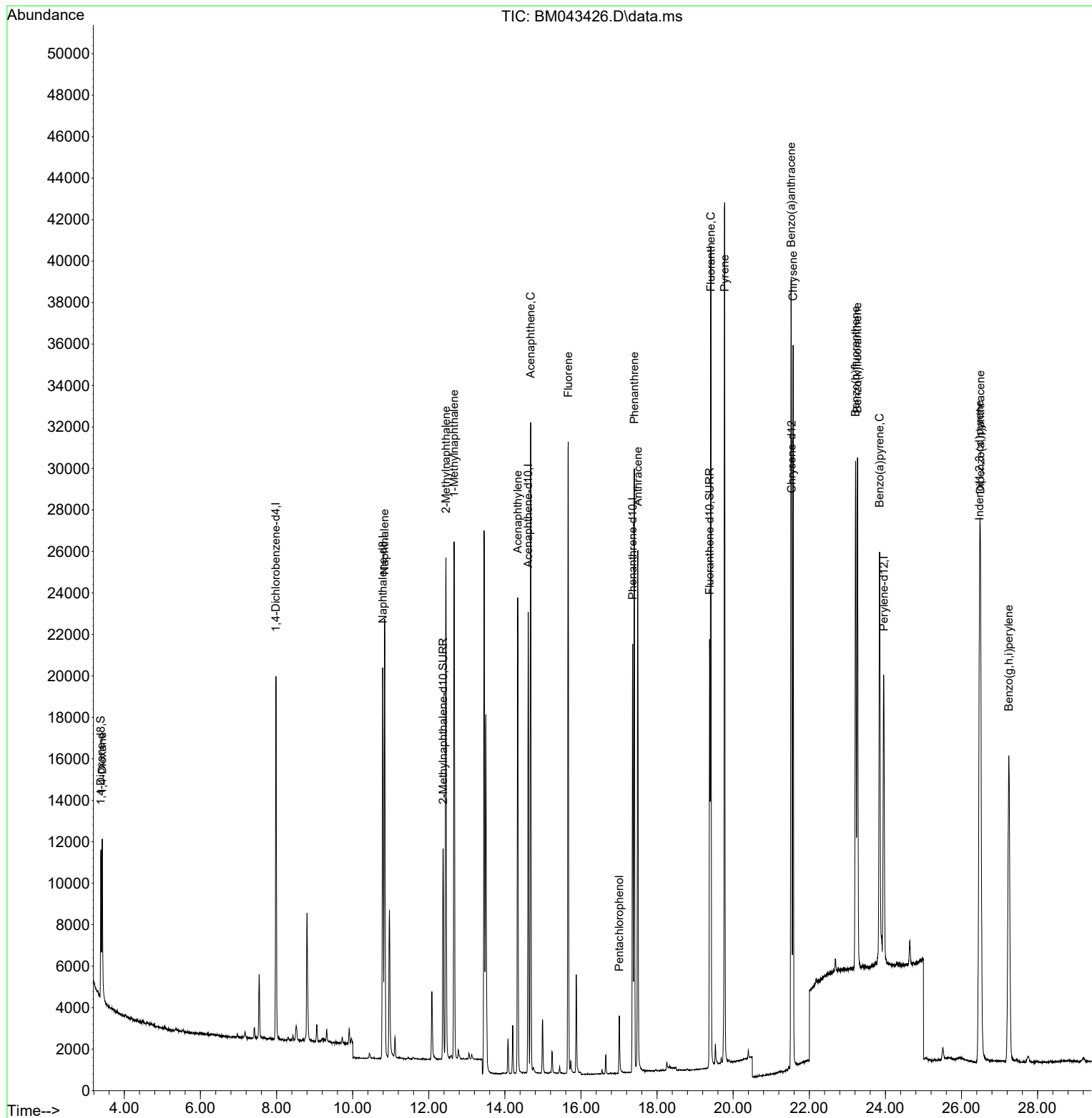
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	8836	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	25722	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	12366	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188	24067	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	18243	0.400	ng/ul	0.00
23) Perylene-d12	23.956	264	20723	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	4429	0.397	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.379	152	13684	0.375	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	21059	0.323	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.419	88	4725	0.422	ng/ul#	67
5) Naphthalene	10.840	128	29459	0.381	ng/ul	99
7) 2-Methylnaphthalene	12.451	142	17878	0.358	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	17739	0.354	ng/ul	99
10) Acenaphthylene	14.338	152	26469	0.389	ng/ul	99
11) Acenaphthene	14.680	153	18523	0.374	ng/ul	98
12) Fluorene	15.665	166	20141	0.359	ng/ul	97
14) Pentachlorophenol	17.008	266	2096	0.393	ng/ul	99
15) Phenanthrene	17.400	178	30359	0.378	ng/ul	100
16) Anthracene	17.493	178	28734	0.394	ng/ul	100
19) Fluoranthene	19.413	202	32656	0.317	ng/ul	98
20) Pyrene	19.775	202	34572	0.338	ng/ul	99
21) Benzo(a)anthracene	21.521	228	30032	0.375	ng/ul	99
22) Chrysene	21.574	228	29897	0.354	ng/ul	100
24) Benzo(b)fluoranthene	23.217	252	31922	0.339	ng/ul	95
25) Benzo(k)fluoranthene	23.266	252	32269	0.331	ng/ul#	92
26) Benzo(a)pyrene	23.848	252	29614	0.382	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.475	276	39870	0.451	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.499	278	32034	0.458	ng/ul	97
29) Benzo(g,h,i)perylene	27.243	276	32947	0.437	ng/ul	97

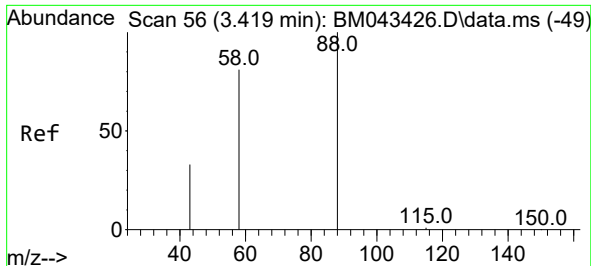
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 19 23:35:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

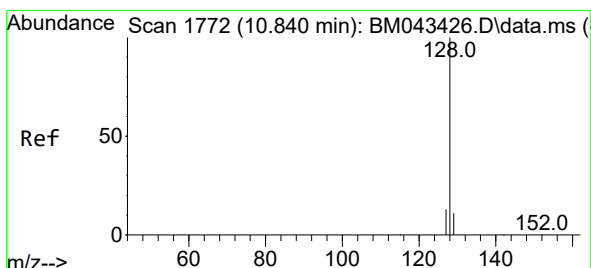
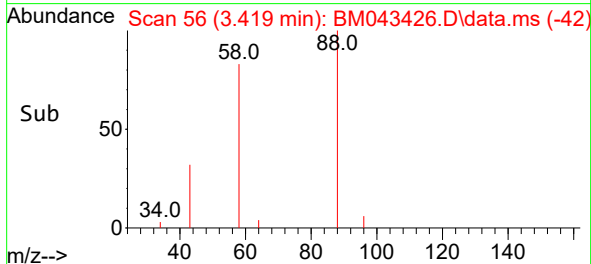
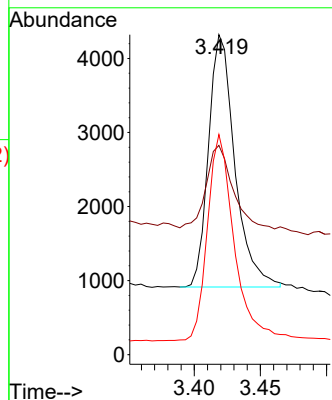
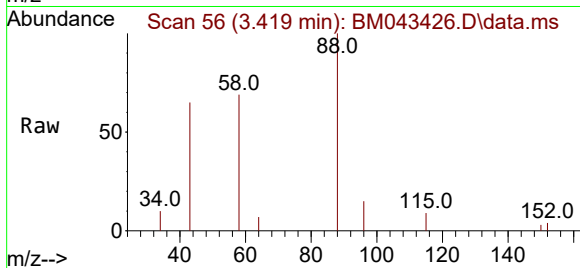




#2
1,4-Dioxane
Concen: 0.422 ng/ul
RT: 3.419 min Scan# 56
Delta R.T. 0.000 min
Lab File: BM043426.D
Acq: 19 Dec 2023 14:39

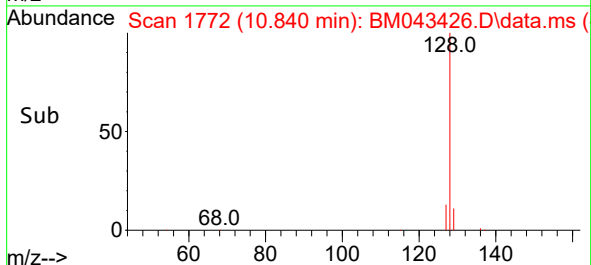
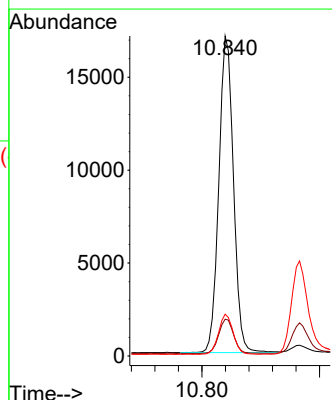
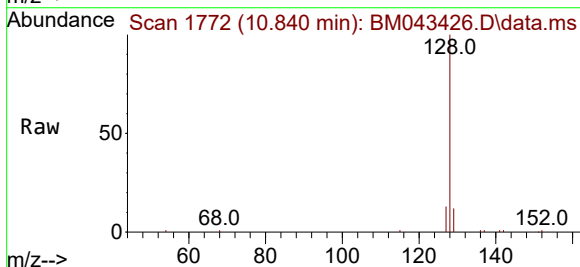
Instrument :
BNA_M
ClientSampleId :
SSTD0.4157

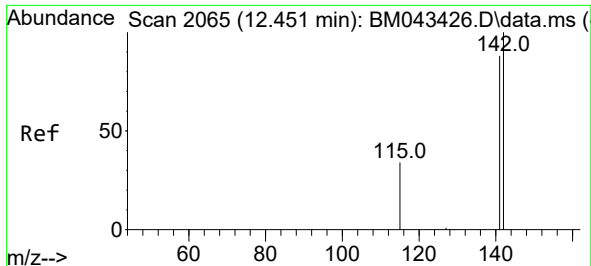
Tgt Ion: 88 Resp: 4725
Ion Ratio Lower Upper
88 100
43 65.4 27.9 41.9#
58 68.8 43.4 65.2#



#5
Naphthalene
Concen: 0.381 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BM043426.D
Acq: 19 Dec 2023 14:39

Tgt Ion: 128 Resp: 29459
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.1 10.3 15.5

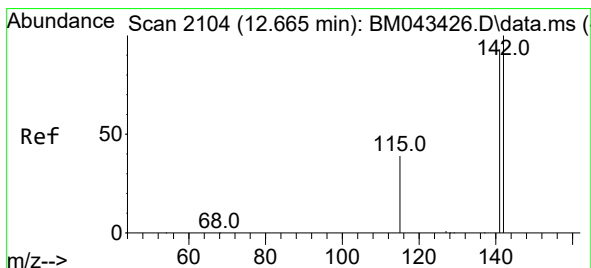
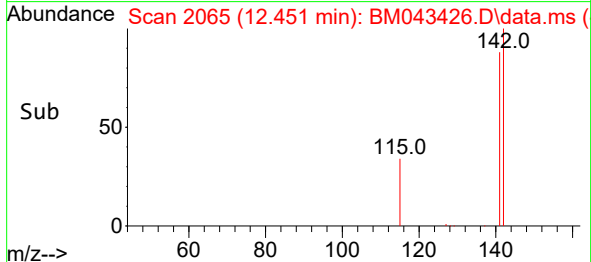
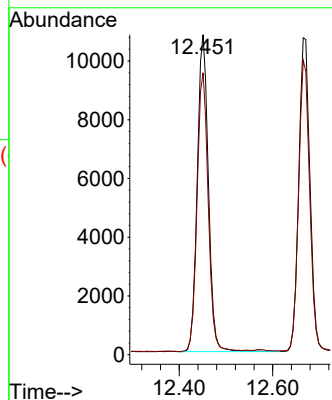
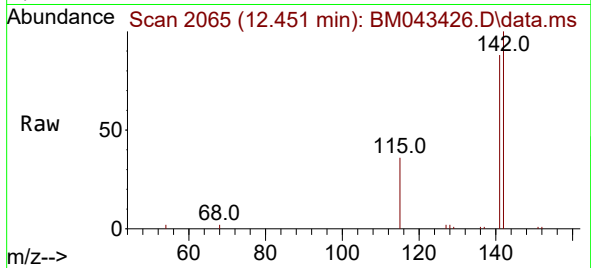




#7
2-Methylnaphthalene
Concen: 0.358 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BM043426.D
Acq: 19 Dec 2023 14:39

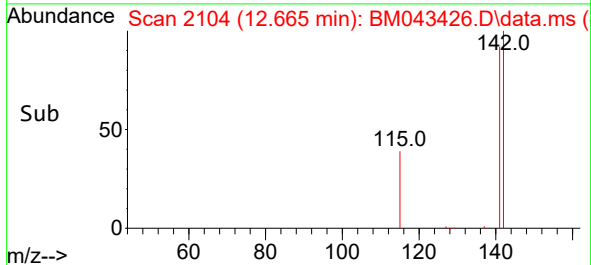
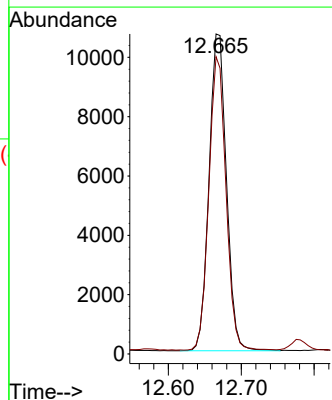
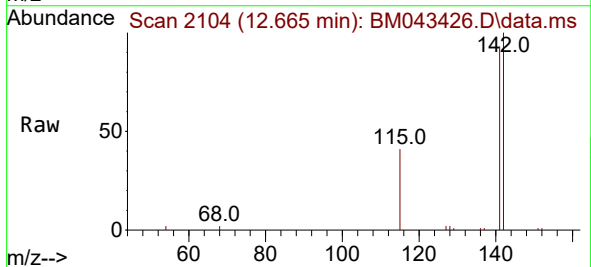
Instrument :
BNA_M
ClientSampleId :
SSTD0.4157

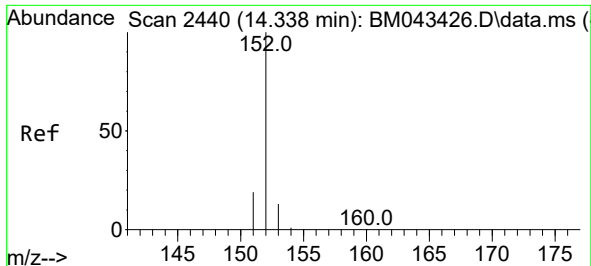
Tgt Ion:142 Resp: 17878
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM043426.D
Acq: 19 Dec 2023 14:39

Tgt Ion:142 Resp: 17739
Ion Ratio Lower Upper
142 100
141 91.2 73.7 110.5

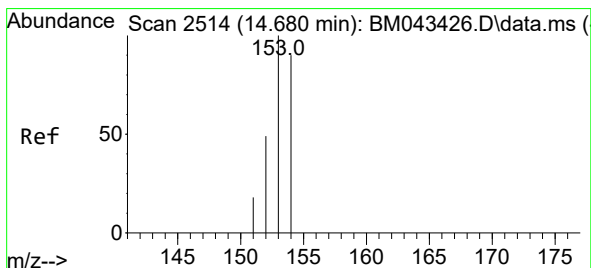
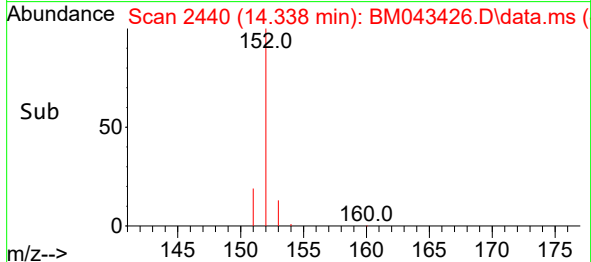
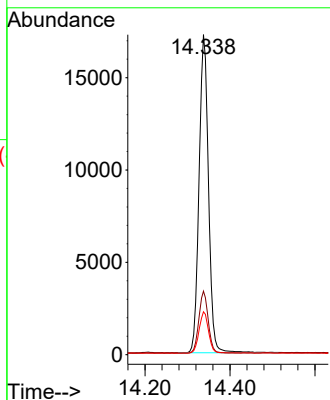
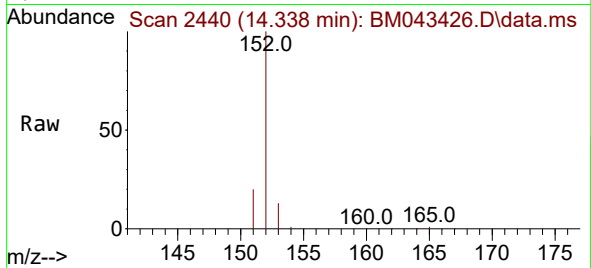




#10
Acenaphthylene
Concen: 0.389 ng/ul
RT: 14.338 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BM043426.D
Acq: 19 Dec 2023 14:39

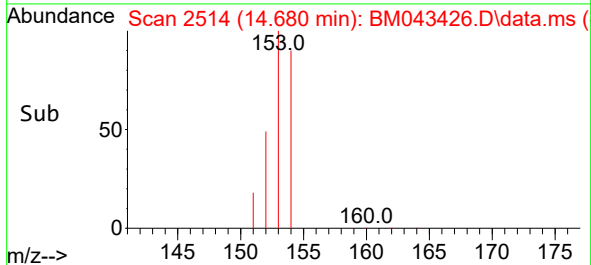
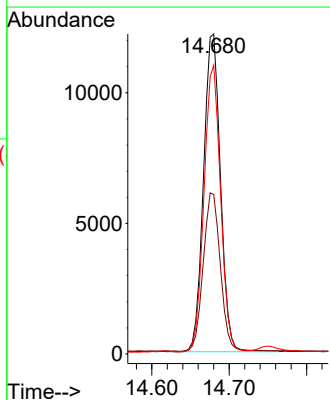
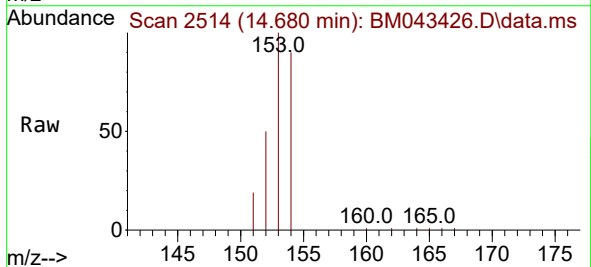
Instrument :
BNA_M
ClientSampleId :
SSTD0.4157

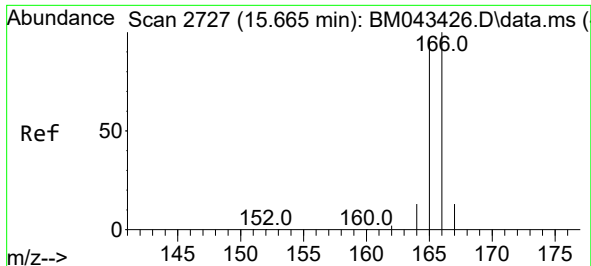
Tgt Ion:152 Resp: 26469
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.4 10.4 15.6



#11
Acenaphthene
Concen: 0.374 ng/ul
RT: 14.680 min Scan# 2514
Delta R.T. 0.000 min
Lab File: BM043426.D
Acq: 19 Dec 2023 14:39

Tgt Ion:153 Resp: 18523
Ion Ratio Lower Upper
153 100
152 49.9 42.1 63.1
154 90.2 71.3 106.9

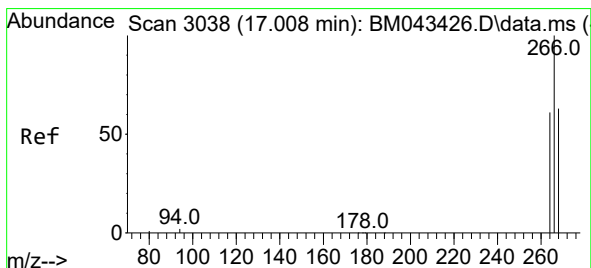
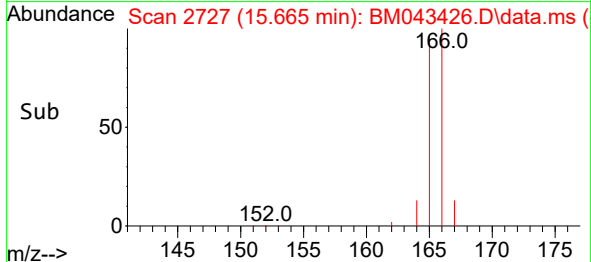
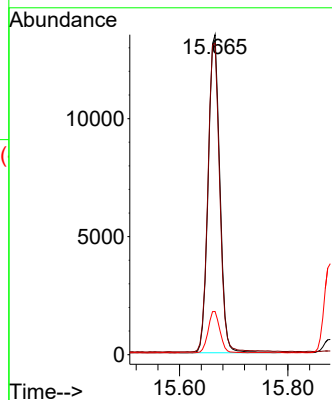
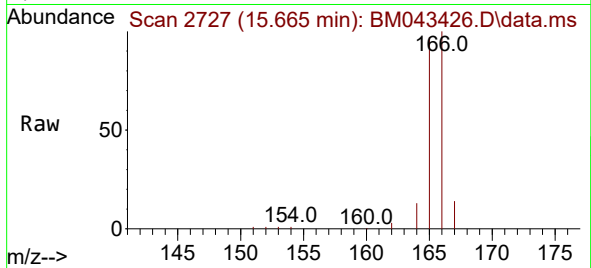




#12
 Fluorene
 Concen: 0.359 ng/ul
 RT: 15.665 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM043426.D
 Acq: 19 Dec 2023 14:39

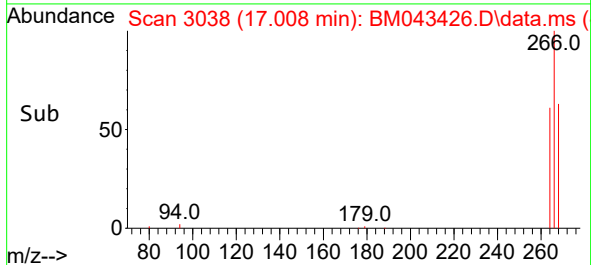
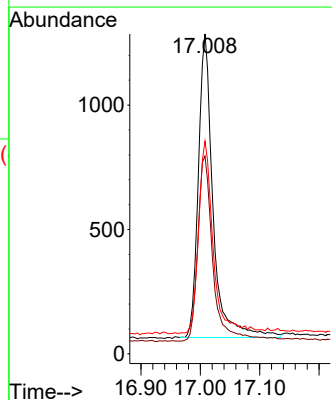
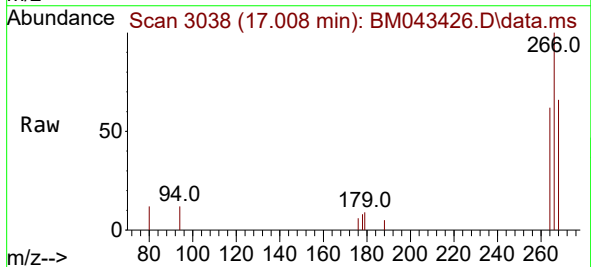
Instrument :
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 ClientSampleId :
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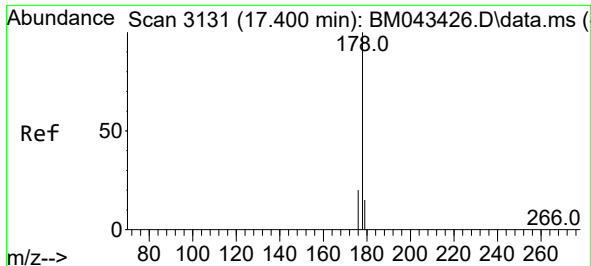
Tgt Ion:	166	Resp:	20141
Ion Ratio	Lower	Upper	
166	100		
165	97.3	80.3	120.5
167	13.5	10.8	16.2



#14
 Pentachlorophenol
 Concen: 0.393 ng/ul
 RT: 17.008 min Scan# 3038
 Delta R.T. 0.000 min
 Lab File: BM043426.D
 Acq: 19 Dec 2023 14:39

Tgt Ion:	266	Resp:	2096
Ion Ratio	Lower	Upper	
266	100		
264	65.0	51.7	77.5
268	63.0	51.9	77.9

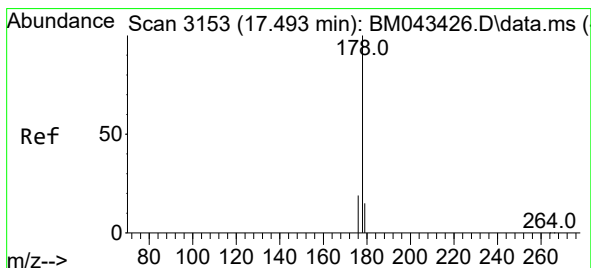
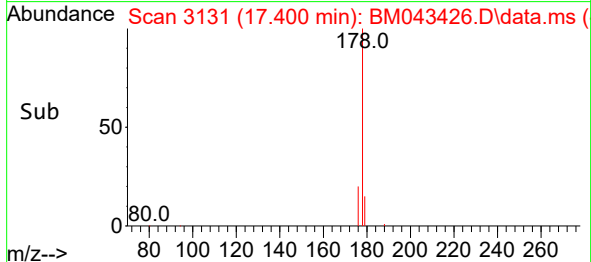
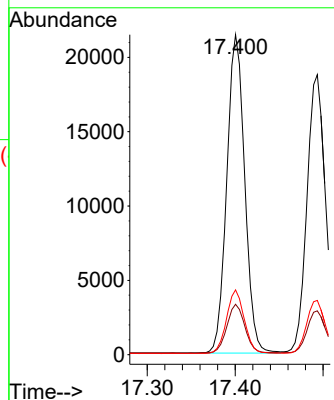
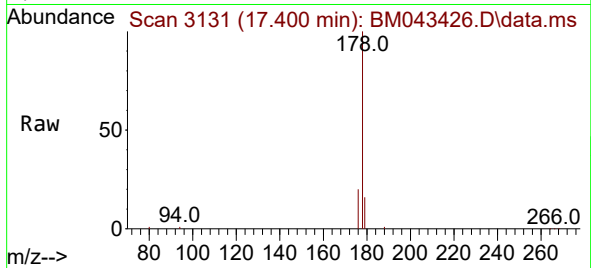




#15
Phenanthrene
Concen: 0.378 ng/ul
RT: 17.400 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BM043426.D
Acq: 19 Dec 2023 14:39

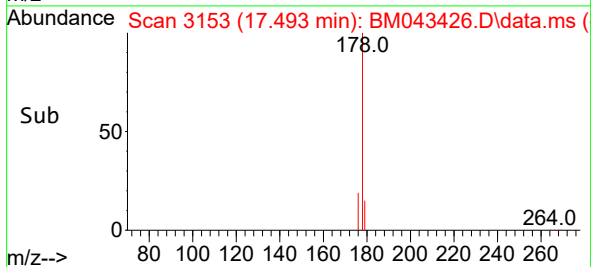
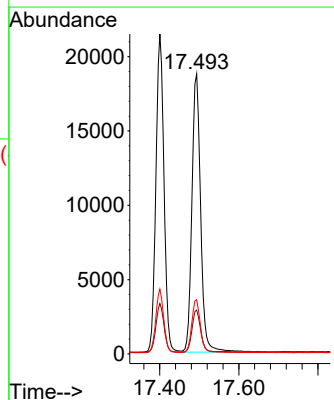
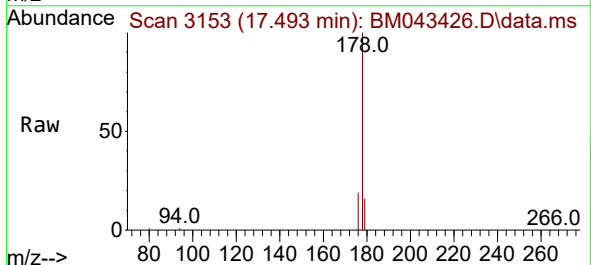
Instrument :
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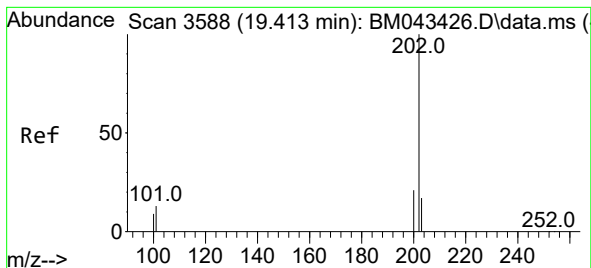
Tgt Ion:178 Resp: 30359
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 20.3 16.2 24.2



#16
Anthracene
Concen: 0.394 ng/ul
RT: 17.493 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BM043426.D
Acq: 19 Dec 2023 14:39

Tgt Ion:178 Resp: 28734
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.4 15.6 23.4





#19

Fluoranthene

Concen: 0.317 ng/ul

RT: 19.413 min Scan# 3588

Delta R.T. 0.000 min

Lab File: BM043426.D

Acq: 19 Dec 2023 14:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.4157

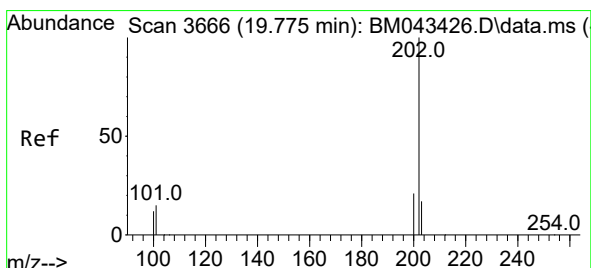
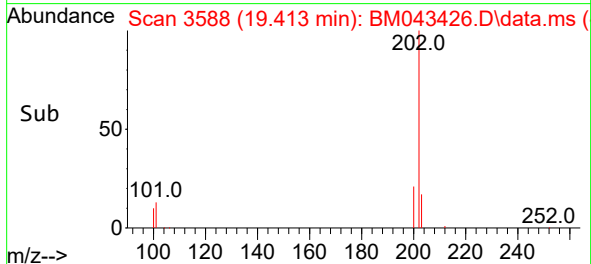
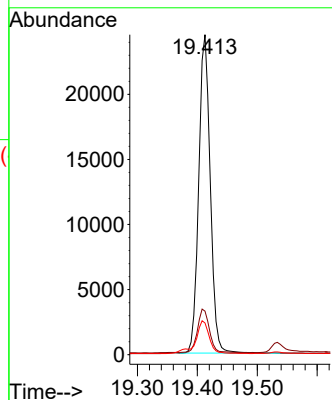
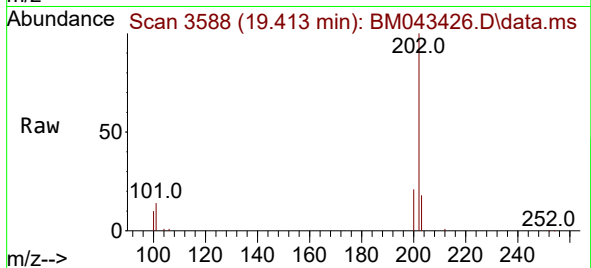
Tgt Ion:202 Resp: 32656

Ion Ratio Lower Upper

202 100

101 13.6 10.1 15.1

100 9.9 7.4 11.2



#20

Pyrene

Concen: 0.338 ng/ul

RT: 19.775 min Scan# 3666

Delta R.T. 0.000 min

Lab File: BM043426.D

Acq: 19 Dec 2023 14:39

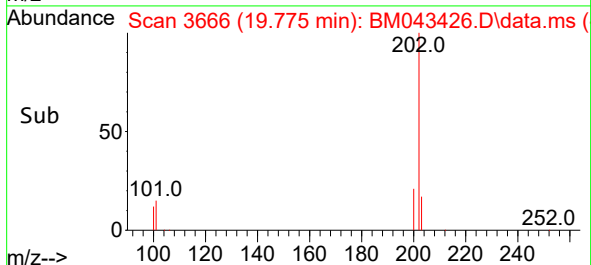
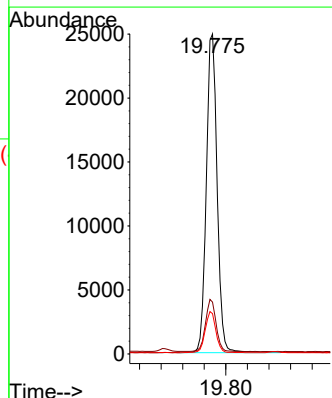
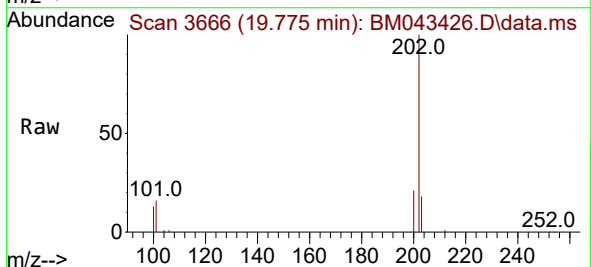
Tgt Ion:202 Resp: 34572

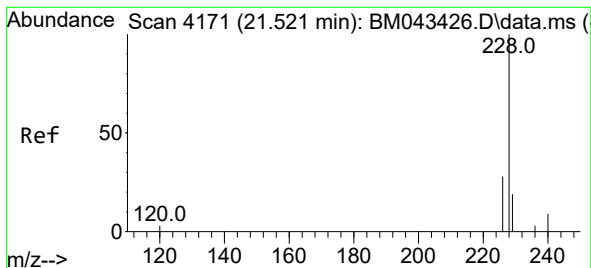
Ion Ratio Lower Upper

202 100

101 16.2 12.7 19.1

100 12.6 9.8 14.8





#21

Benzo(a)anthracene

Concen: 0.375 ng/ul

RT: 21.521 min Scan# 4171

Delta R.T. 0.000 min

Lab File: BM043426.D

Acq: 19 Dec 2023 14:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.4157

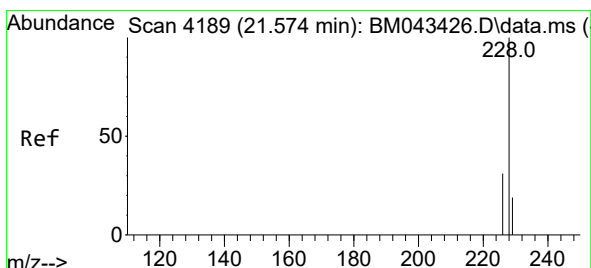
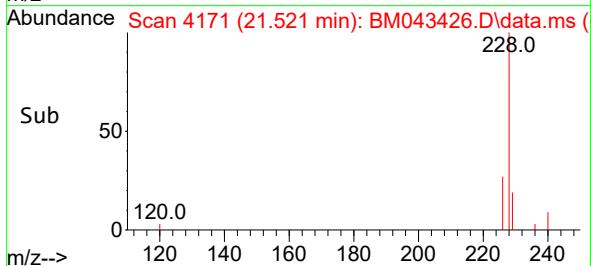
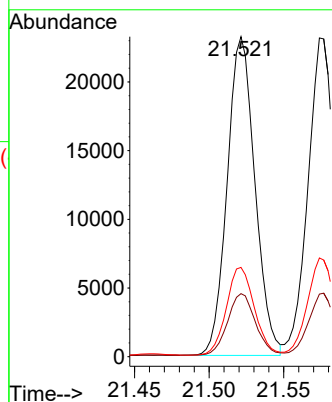
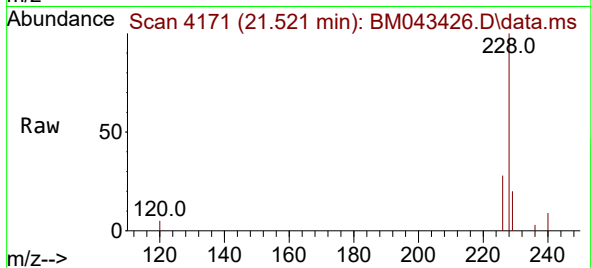
Tgt Ion:228 Resp: 30032

Ion Ratio Lower Upper

228 100

229 19.7 15.5 23.3

226 27.9 22.6 34.0



#22

Chrysene

Concen: 0.354 ng/ul

RT: 21.574 min Scan# 4189

Delta R.T. 0.000 min

Lab File: BM043426.D

Acq: 19 Dec 2023 14:39

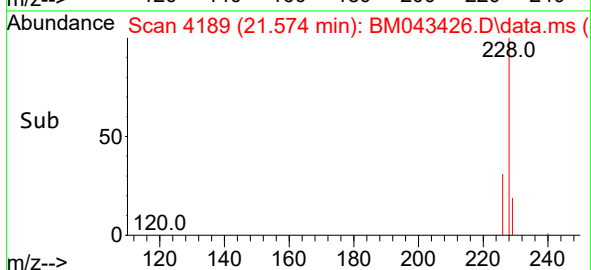
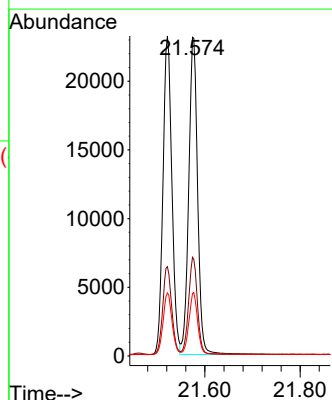
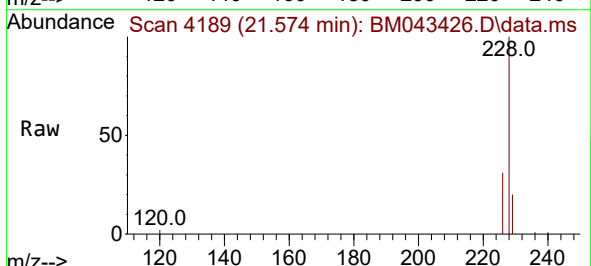
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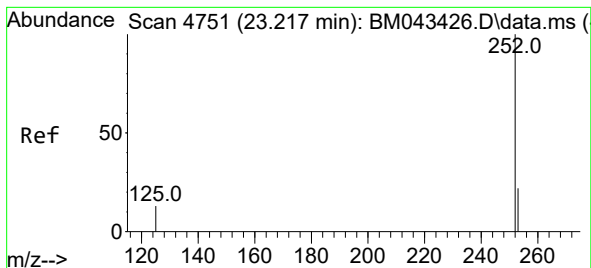
Ion Ratio Lower Upper

228 100

226 31.0 24.8 37.2

229 19.6 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.339 ng/ul

RT: 23.217 min Scan# 4751

Delta R.T. 0.000 min

Lab File: BM043426.D

Acq: 19 Dec 2023 14:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.4157

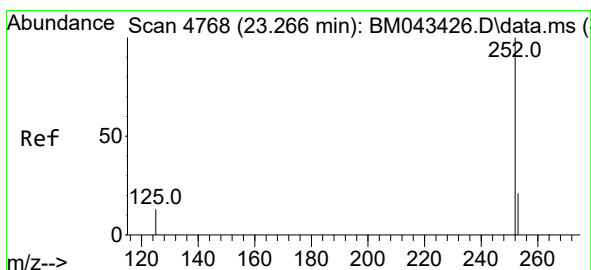
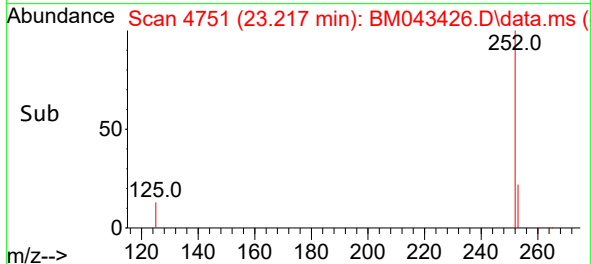
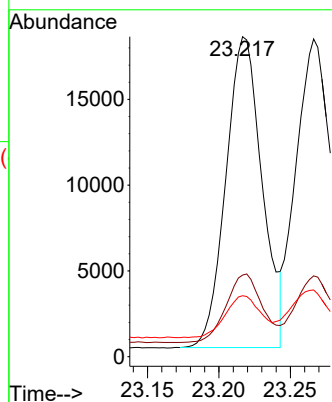
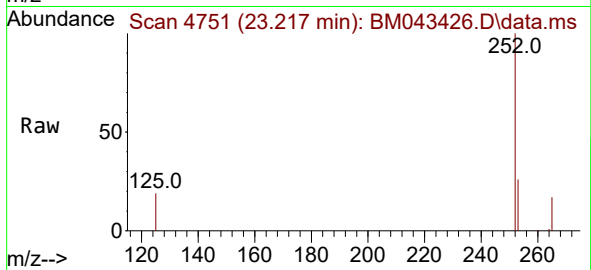
Tgt Ion:252 Resp: 31922

Ion Ratio Lower Upper

252 100

253 25.5 0.0 48.8

125 19.0 0.0 29.2



#25

Benzo(k)fluoranthene

Concen: 0.331 ng/ul

RT: 23.266 min Scan# 4768

Delta R.T. 0.000 min

Lab File: BM043426.D

Acq: 19 Dec 2023 14:39

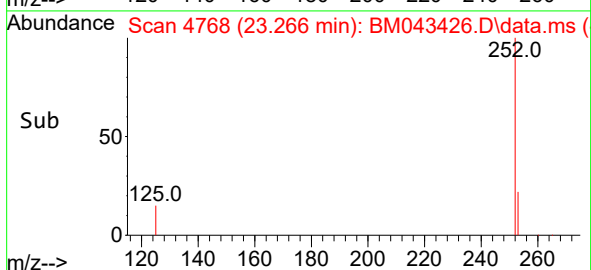
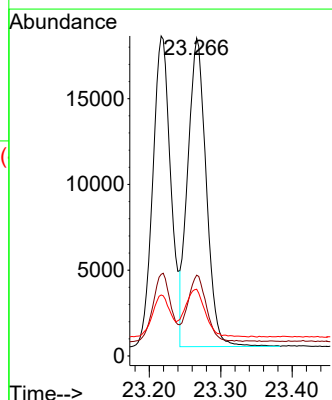
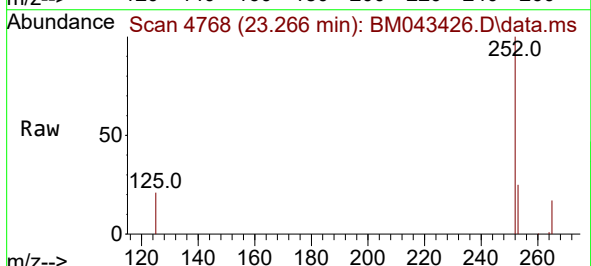
Tgt Ion:252 Resp: 32269

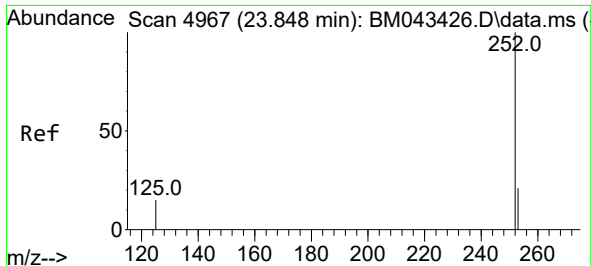
Ion Ratio Lower Upper

252 100

253 25.4 18.6 28.0

125 21.0 11.8 17.8#

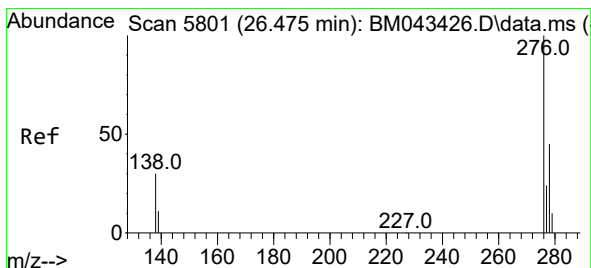
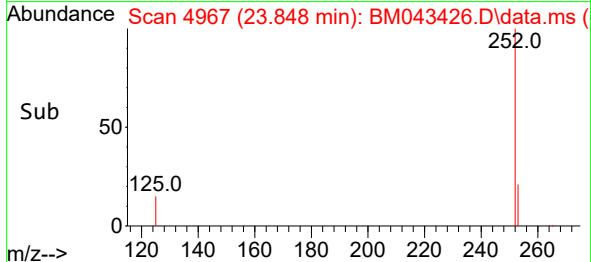
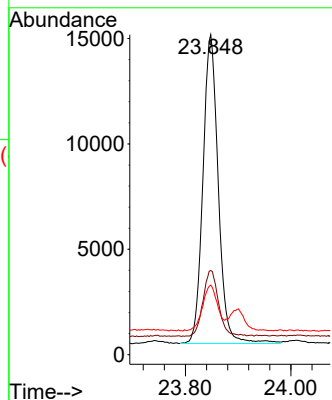
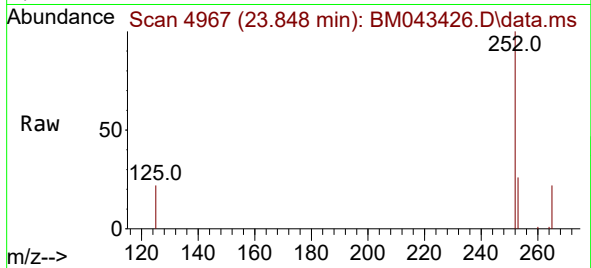




#26
Benzo(a)pyrene
Concen: 0.382 ng/ul
RT: 23.848 min Scan# 4967
Delta R.T. 0.000 min
Lab File: BM043426.D
Acq: 19 Dec 2023 14:39

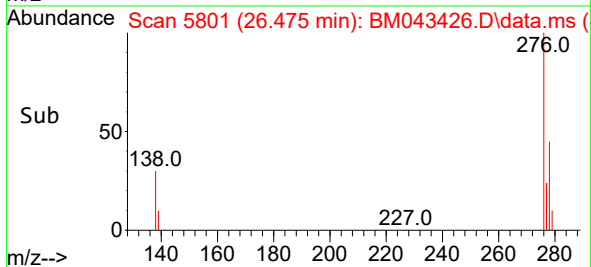
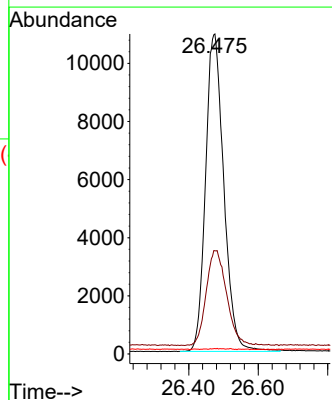
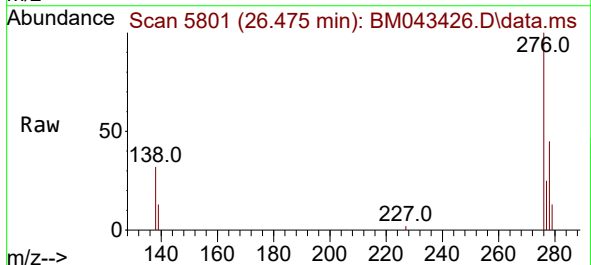
Instrument :
BNA_M
ClientSampleId :
SSTD0.4157

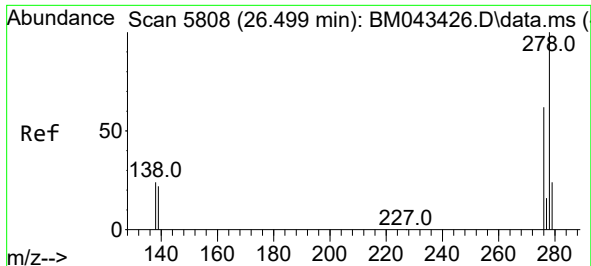
Tgt Ion:252 Resp: 29614
Ion Ratio Lower Upper
252 100
253 26.3 20.2 30.2
125 21.8 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.451 ng/ul
RT: 26.475 min Scan# 5801
Delta R.T. 0.000 min
Lab File: BM043426.D
Acq: 19 Dec 2023 14:39

Tgt Ion:276 Resp: 39870
Ion Ratio Lower Upper
276 100
138 33.3 24.6 36.8
227 0.1 0.0 0.0#

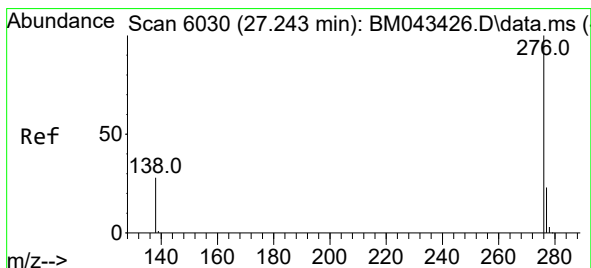
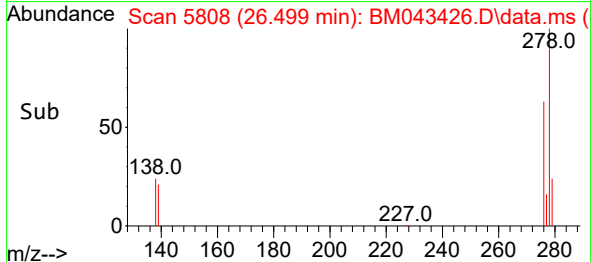
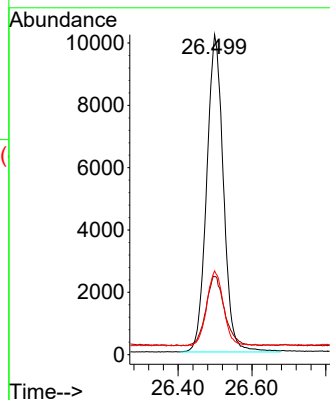
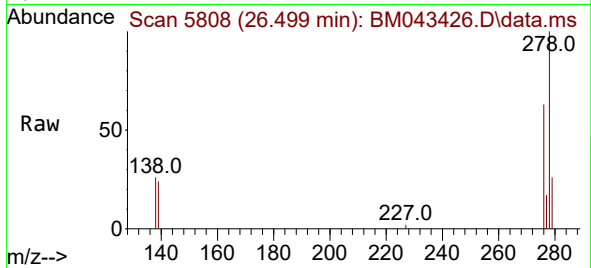




#28
 Dibenzo(a,h)anthracene
 Concen: 0.458 ng/ul
 RT: 26.499 min Scan# 5808
 Delta R.T. 0.000 min
 Lab File: BM043426.D
 Acq: 19 Dec 2023 14:39

Instrument :
 BNA_M
 ClientSampleId :
 SST0.4157

Tgt Ion:278 Resp: 32034
 Ion Ratio Lower Upper
 278 100
 139 24.3 17.4 26.2
 279 26.2 20.9 31.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.437 ng/ul
 RT: 27.243 min Scan# 6030
 Delta R.T. 0.000 min
 Lab File: BM043426.D
 Acq: 19 Dec 2023 14:39

Tgt Ion:276 Resp: 32947
 Ion Ratio Lower Upper
 276 100
 138 31.2 23.1 34.7
 277 24.6 19.4 29.0

