

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
 Data File : BM043461.D
 Acq On : 20 Dec 2023 12:52
 Operator : MA/JU
 Sample : PB157900BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS900

Quant Time: Dec 20 23:13:38 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)

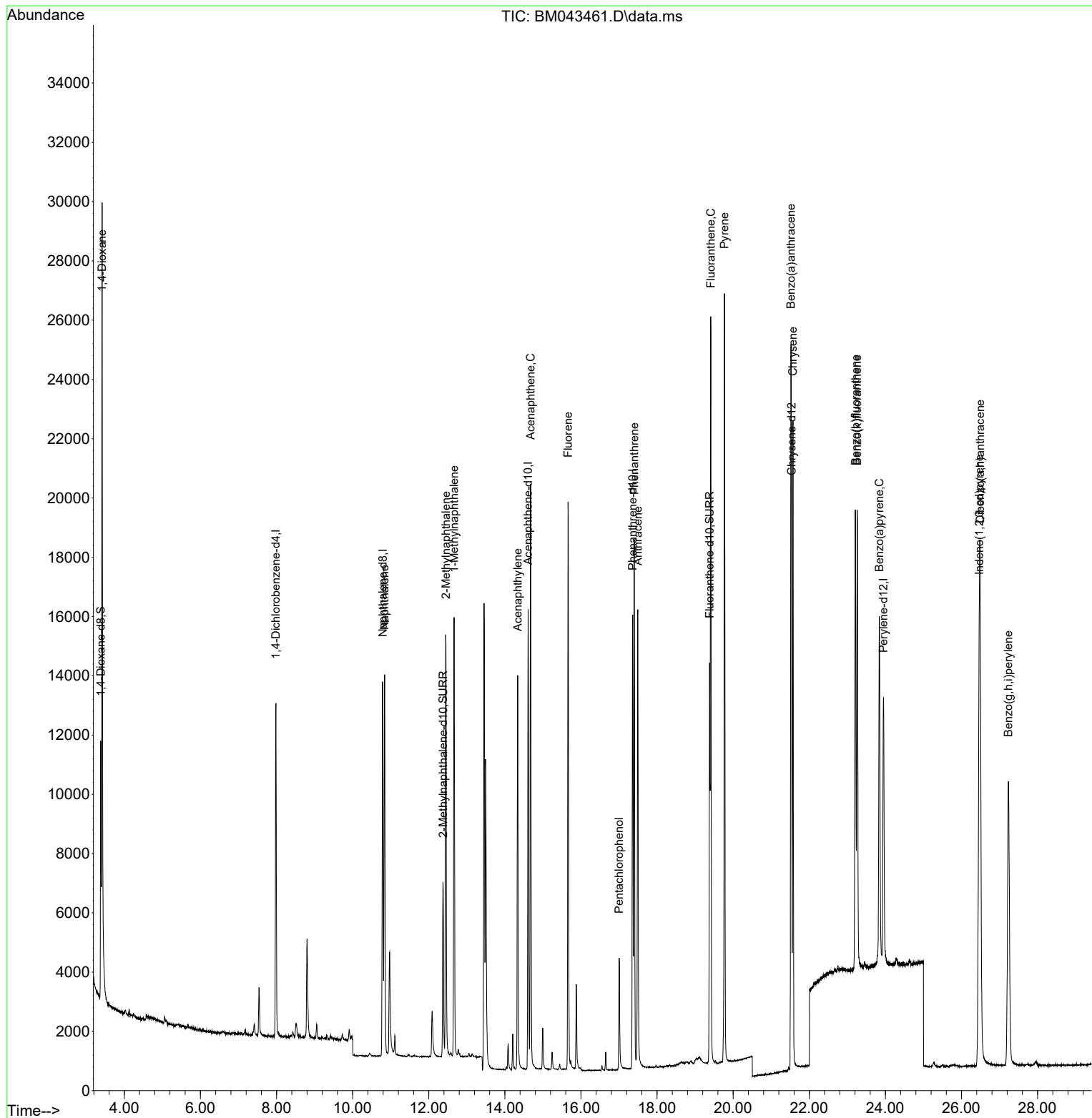
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	5961	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	17827	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.611	164	8705	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188	17674	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.533	240	12060	0.400	ng/ul	# 0.00
23) Perylene-d12	23.950	264	13354	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	5422	0.720	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	8284	0.328	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	13734	0.319	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.414	88	16944	2.243	ng/ul#	79
5) Naphthalene	10.840	128	18393	0.343	ng/ul	99
7) 2-Methylnaphthalene	12.451	142	11016	0.319	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	10755	0.310	ng/ul	100
10) Acenaphthylene	14.338	152	16374	0.342	ng/ul	99
11) Acenaphthene	14.675	153	11858	0.340	ng/ul	99
12) Fluorene	15.661	166	12956	0.328	ng/ul	99
14) Pentachlorophenol	17.004	266	3024	0.772	ng/ul	97
15) Phenanthrene	17.400	178	20449	0.347	ng/ul	99
16) Anthracene	17.493	178	18661	0.349	ng/ul	100
19) Fluoranthene	19.413	202	21300	0.313	ng/ul	95
20) Pyrene	19.771	202	22080	0.327	ng/ul	94
21) Benzo(a)anthracene	21.518	228	18962	0.358	ng/ul	99
22) Chrysene	21.571	228	19798	0.354	ng/ul	100
24) Benzo(b)fluoranthene	23.211	252	20865	0.344	ng/ul	93
25) Benzo(k)fluoranthene	23.260	252	21225	0.338	ng/ul#	92
26) Benzo(a)pyrene	23.842	252	18800	0.376	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.465	276	26158	0.459	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.489	278	20982	0.465	ng/ul	95
29) Benzo(g,h,i)perylene	27.233	276	21947	0.452	ng/ul	96

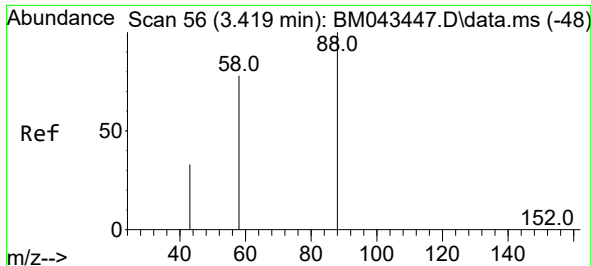
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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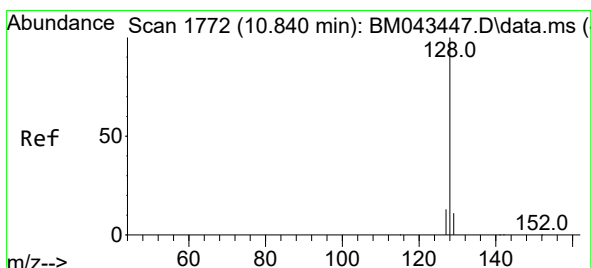
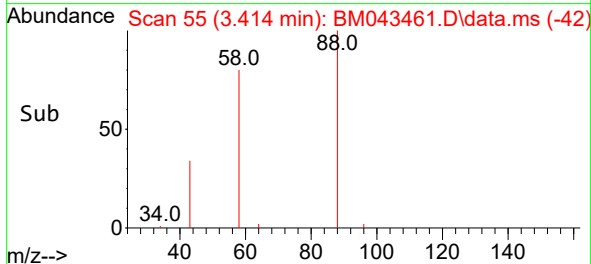
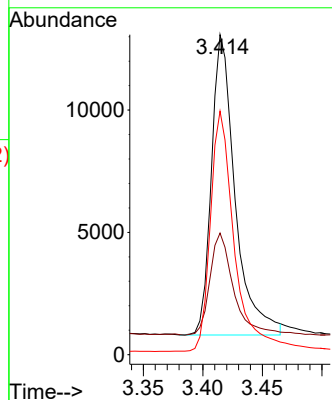
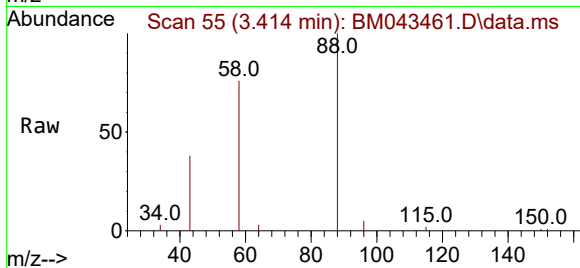




#2
1,4-Dioxane
Concen: 2.243 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

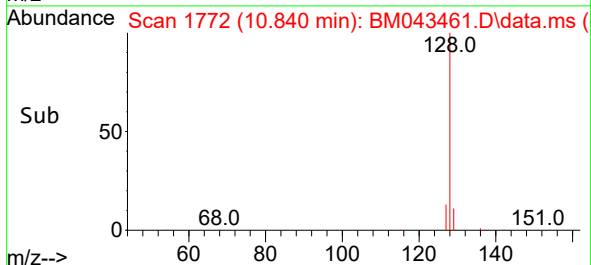
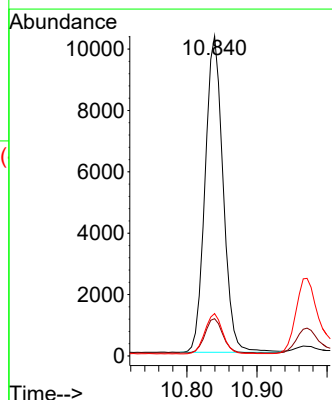
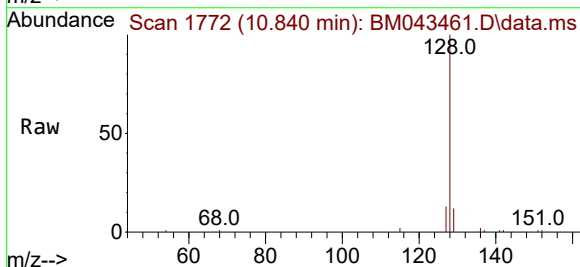
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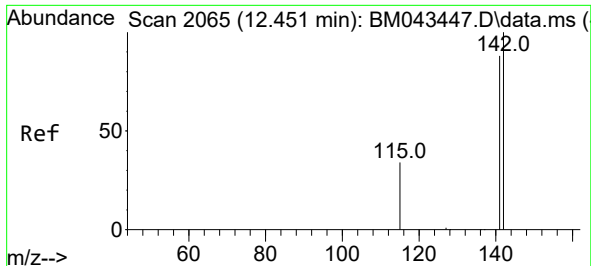
Tgt Ion: 88 Resp: 16944
Ion Ratio Lower Upper
88 100
43 38.0 27.9 41.9
58 76.1 43.4 65.2#



#5
Naphthalene
Concen: 0.343 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Tgt Ion: 128 Resp: 18393
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 13.3 10.3 15.5

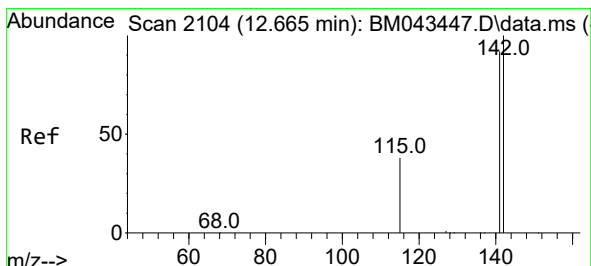
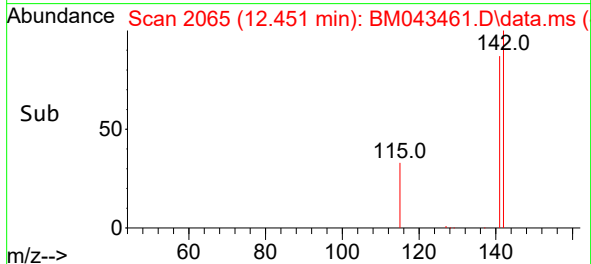
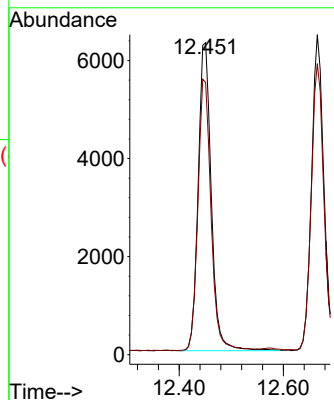
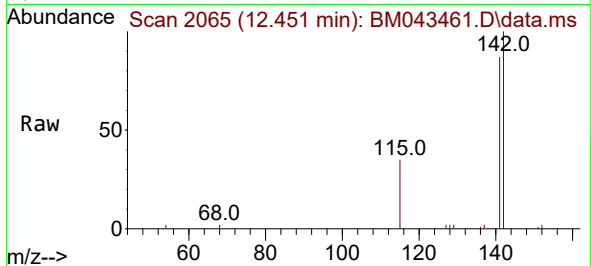




#7
2-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

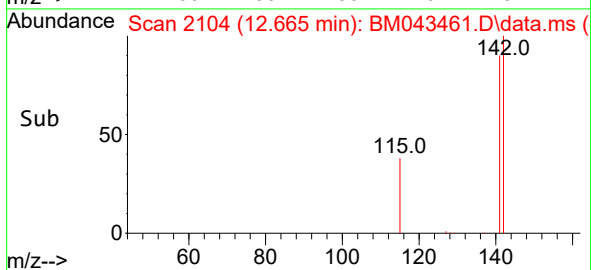
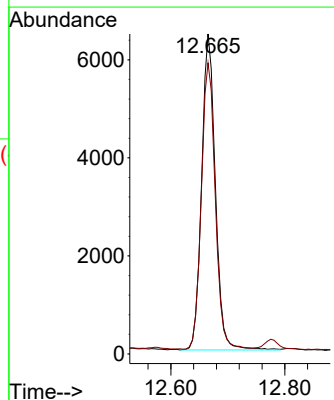
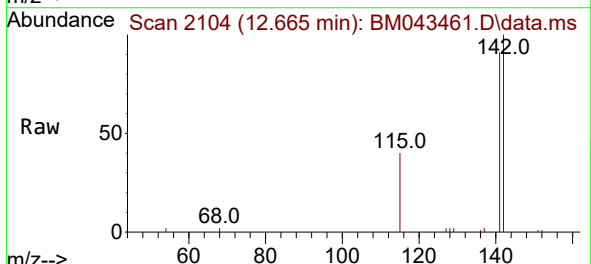
Instrument :
BNA_M
ClientSampleId :
SLCS900

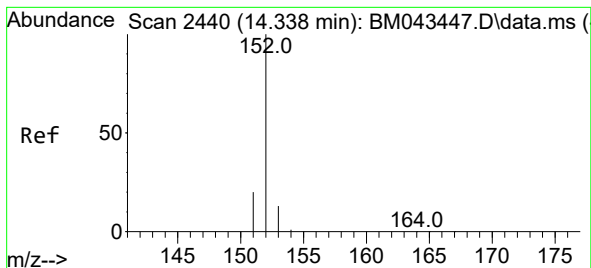
Tgt Ion:142 Resp: 11016
Ion Ratio Lower Upper
142 100
141 88.3 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Tgt Ion:142 Resp: 10755
Ion Ratio Lower Upper
142 100
141 91.7 73.7 110.5





#10

Acenaphthylene

Concen: 0.342 ng/ul

RT: 14.338 min Scan# 2440

Delta R.T. -0.000 min

Lab File: BM043461.D

Acq: 20 Dec 2023 12:52

Instrument :

BNA_M

ClientSampleId :

SLCS900

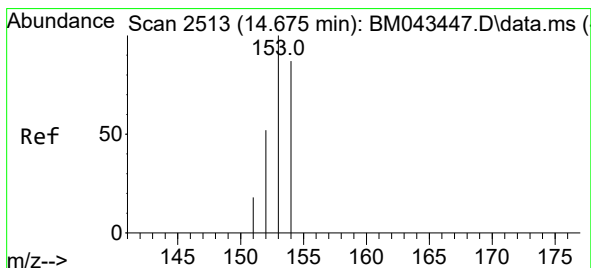
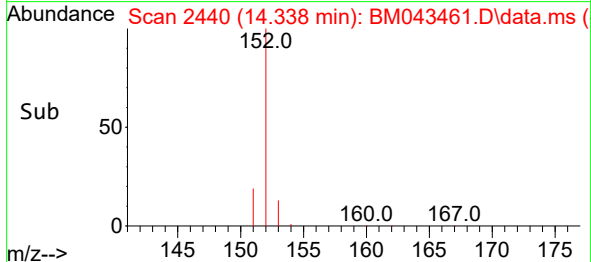
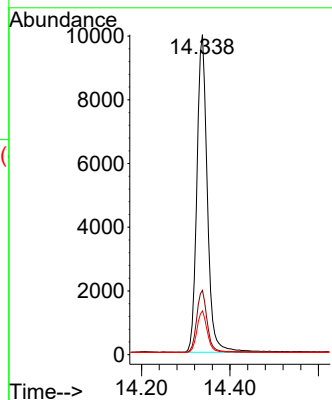
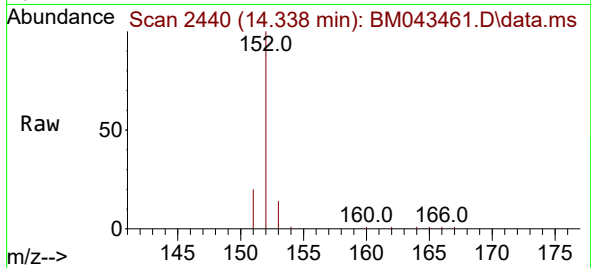
Tgt Ion:152 Resp: 16374

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.7 10.4 15.6



#11

Acenaphthene

Concen: 0.340 ng/ul

RT: 14.675 min Scan# 2513

Delta R.T. -0.005 min

Lab File: BM043461.D

Acq: 20 Dec 2023 12:52

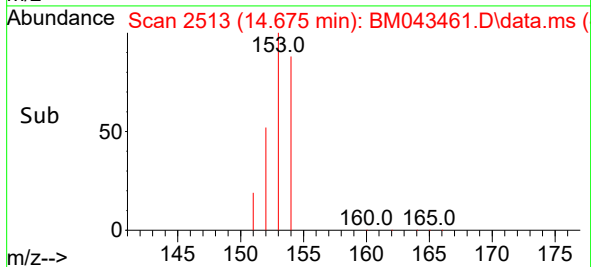
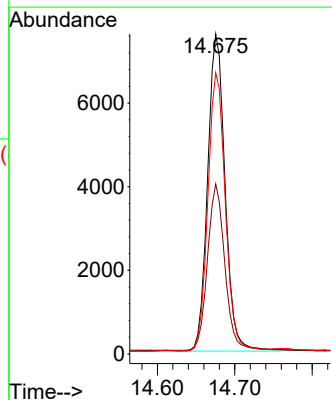
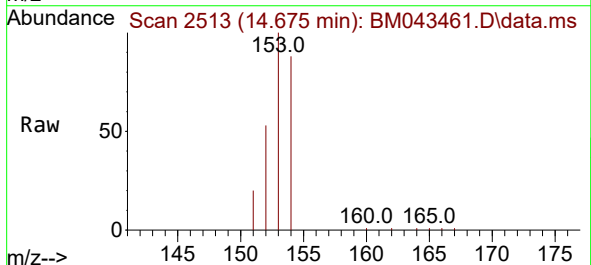
Tgt Ion:153 Resp: 11858

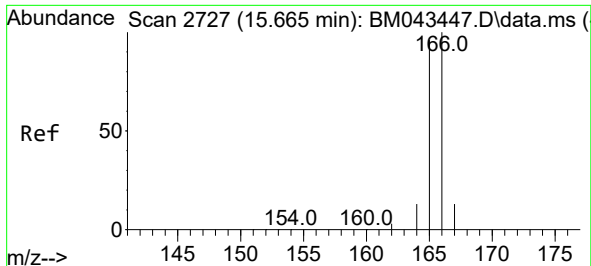
Ion Ratio Lower Upper

153 100

152 53.1 42.1 63.1

154 87.9 71.3 106.9

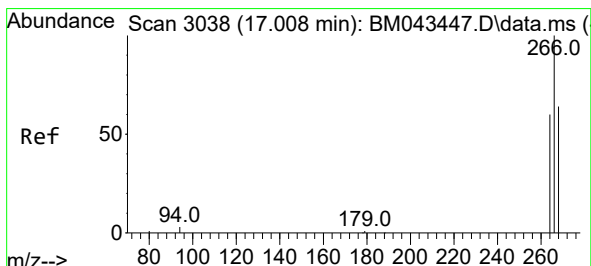
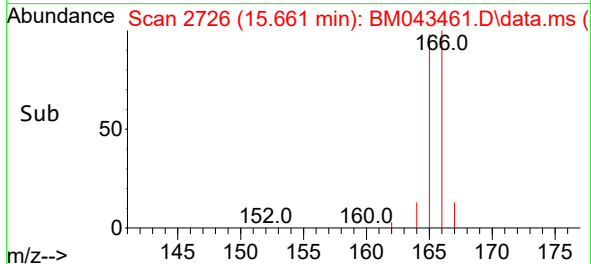
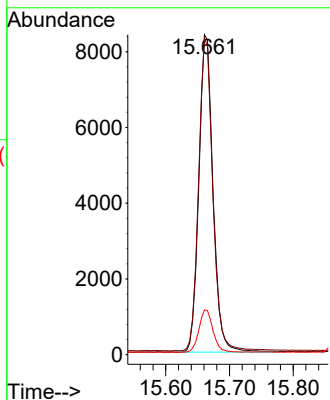
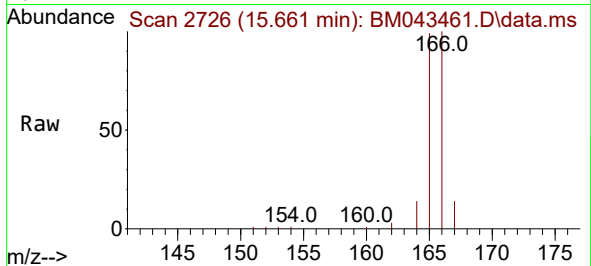




#12
 Fluorene
 Concen: 0.328 ng/ul
 RT: 15.661 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM043461.D
 Acq: 20 Dec 2023 12:52

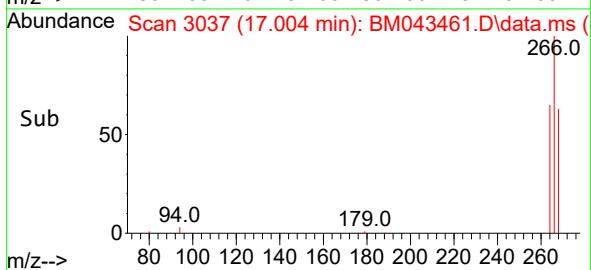
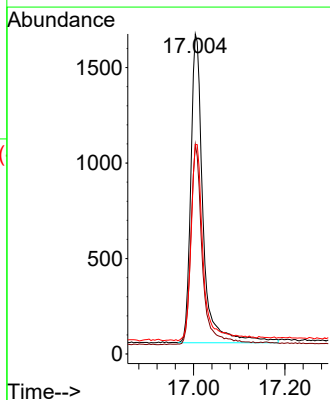
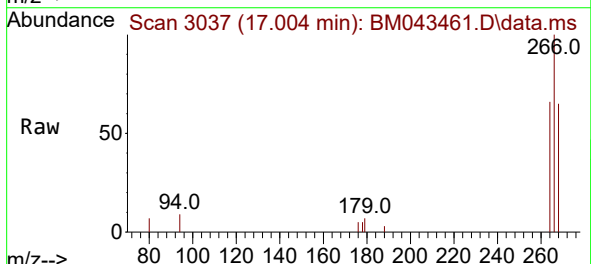
Instrument :
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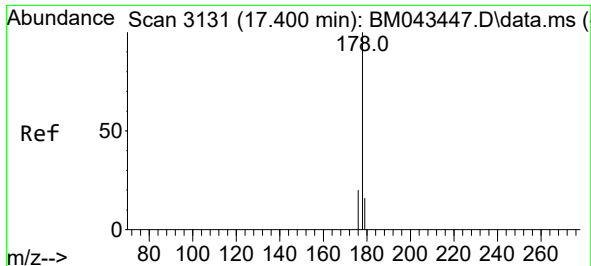
Tgt Ion:166 Resp: 12956
 Ion Ratio Lower Upper
 166 100
 165 98.9 80.3 120.5
 167 14.0 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.772 ng/ul
 RT: 17.004 min Scan# 3037
 Delta R.T. -0.004 min
 Lab File: BM043461.D
 Acq: 20 Dec 2023 12:52

Tgt Ion:266 Resp: 3024
 Ion Ratio Lower Upper
 266 100
 264 61.5 51.7 77.5
 268 63.8 51.9 77.9

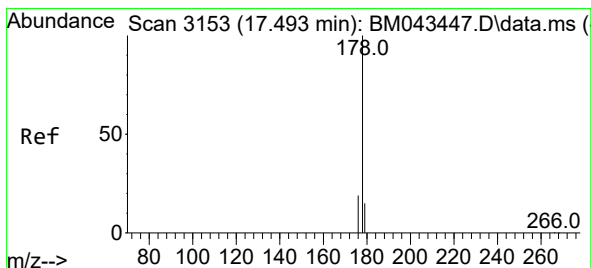
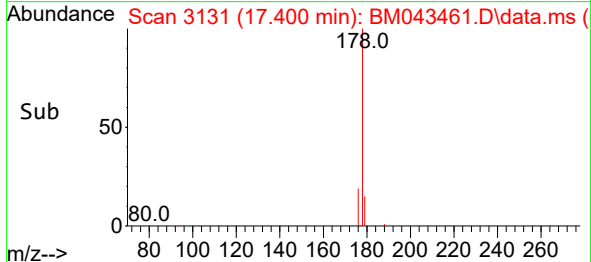
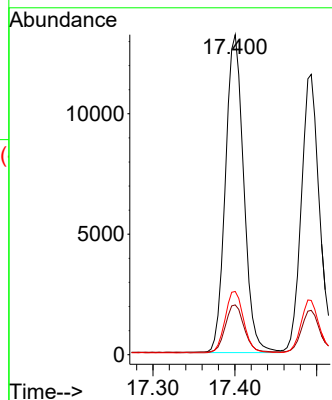
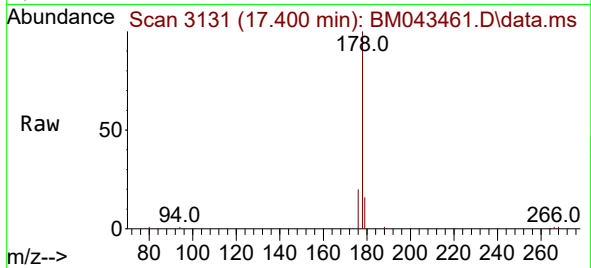




#15
Phenanthrene
Concen: 0.347 ng/ul
RT: 17.400 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

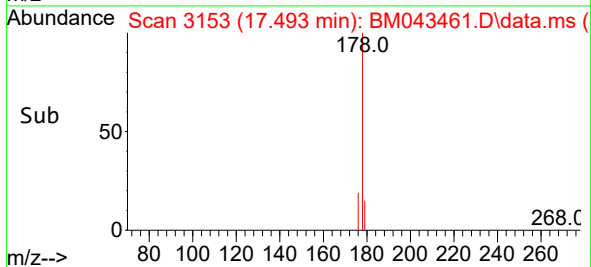
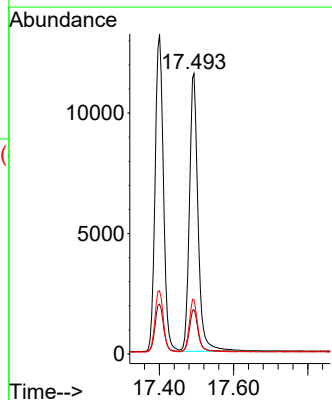
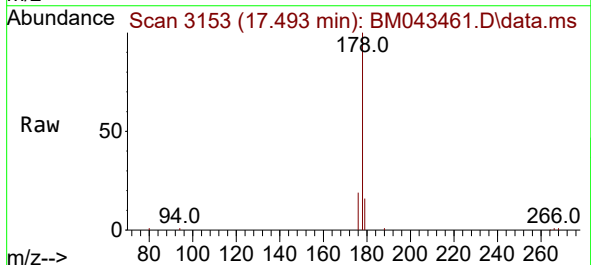
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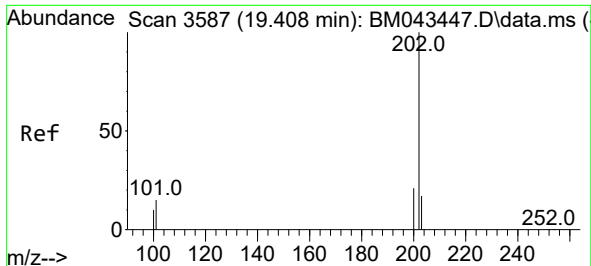
Tgt Ion:178 Resp: 20449
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.8 16.2 24.2



#16
Anthracene
Concen: 0.349 ng/ul
RT: 17.493 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Tgt Ion:178 Resp: 18661
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.3 15.6 23.4

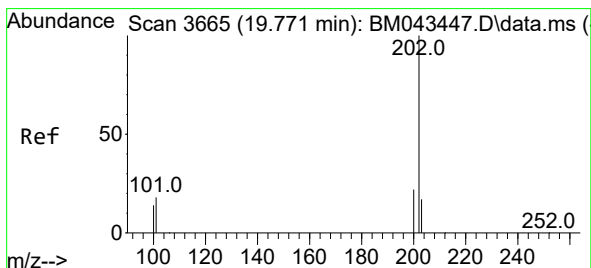
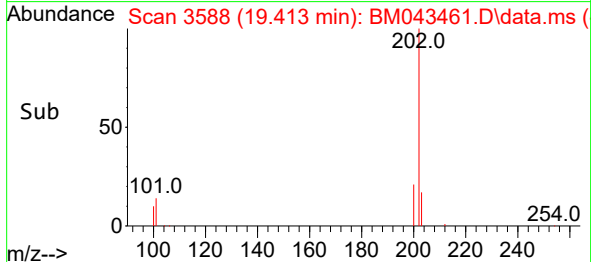
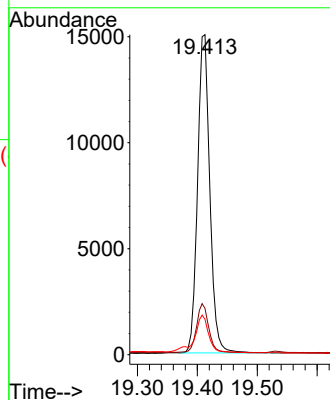
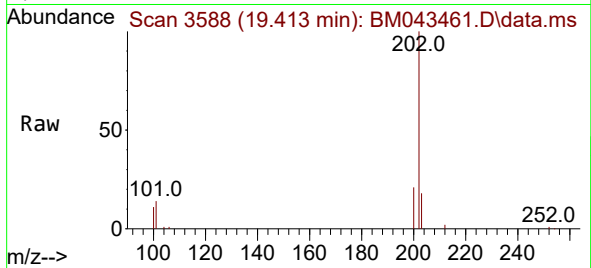




#19
Fluoranthene
Concen: 0.313 ng/ul
RT: 19.413 min Scan# 3588
Delta R.T. -0.000 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

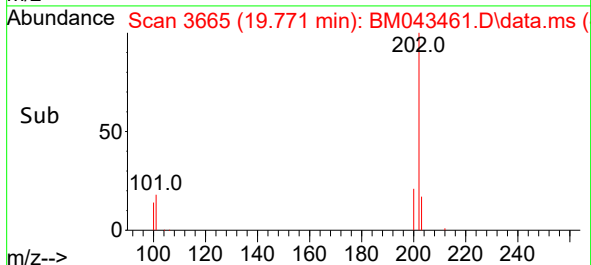
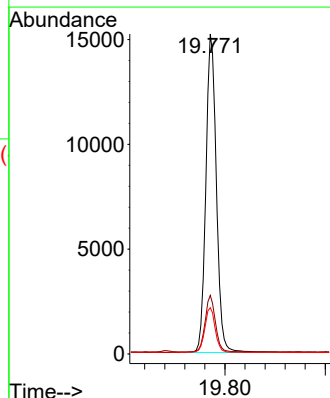
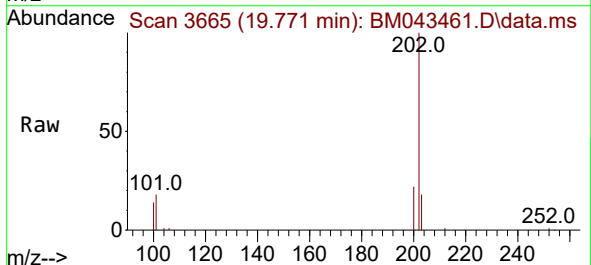
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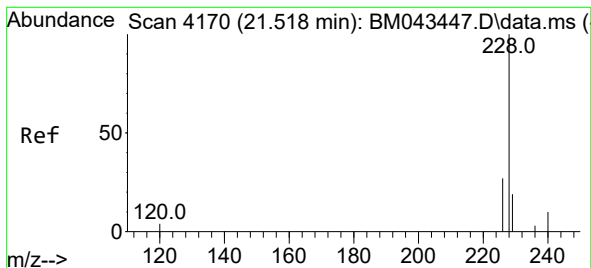
Tgt Ion:202 Resp: 21300
Ion Ratio Lower Upper
202 100
101 14.5 10.1 15.1
100 11.1 7.4 11.2



#20
Pyrene
Concen: 0.327 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Tgt Ion:202 Resp: 22080
Ion Ratio Lower Upper
202 100
101 18.3 12.7 19.1
100 14.5 9.8 14.8

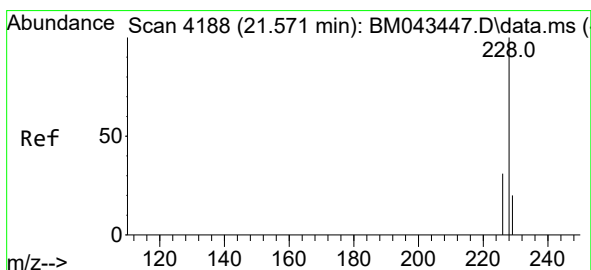
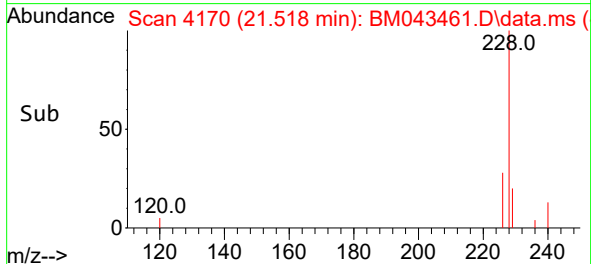
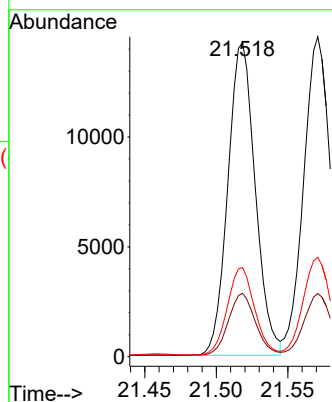
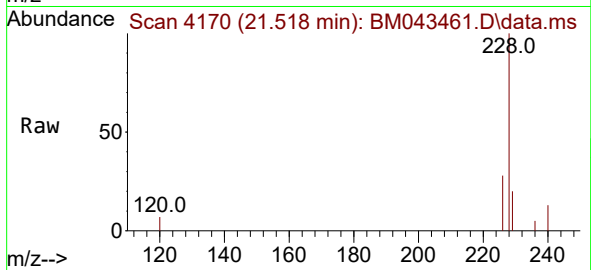




#21
Benzo(a)anthracene
Concen: 0.358 ng/ul
RT: 21.518 min Scan# 4170
Delta R.T. -0.003 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

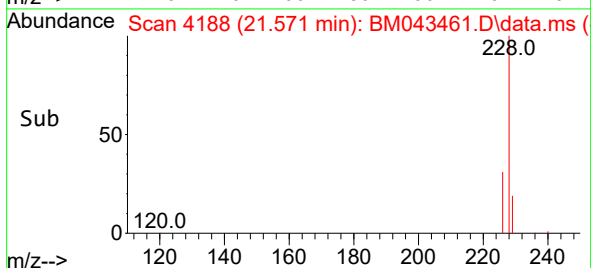
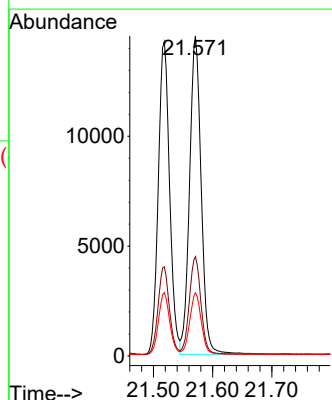
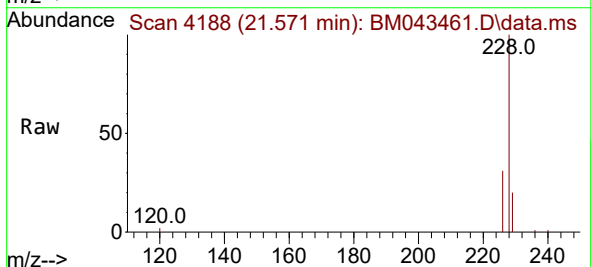
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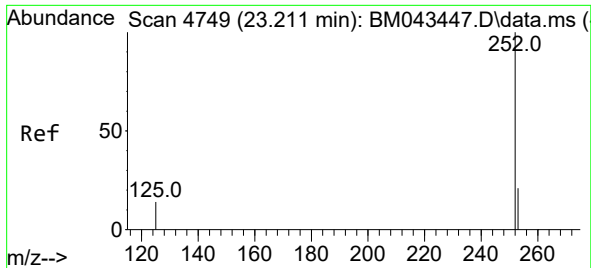
Tgt Ion:228 Resp: 18962
Ion Ratio Lower Upper
228 100
229 20.2 15.5 23.3
226 28.4 22.6 34.0



#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.003 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Tgt Ion:228 Resp: 19798
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 19.7 15.7 23.5

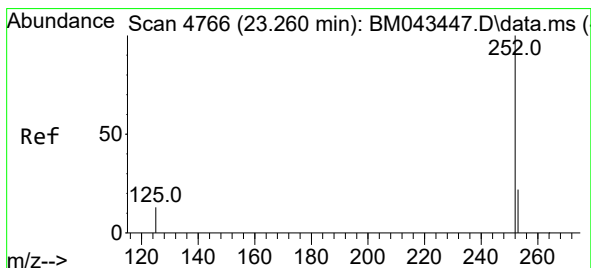
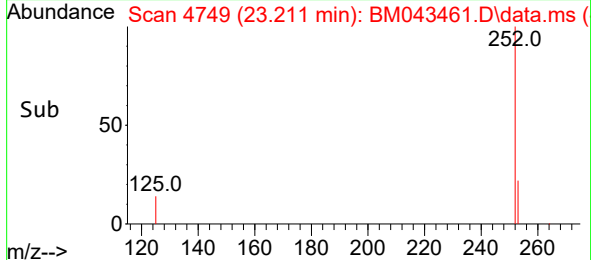
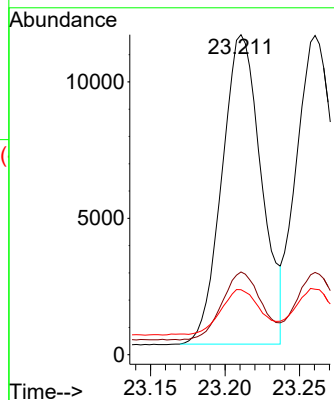
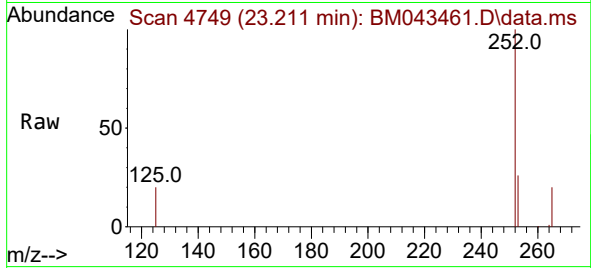




#24
Benzo(b)fluoranthene
Concen: 0.344 ng/ul
RT: 23.211 min Scan# 4749
Delta R.T. -0.006 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

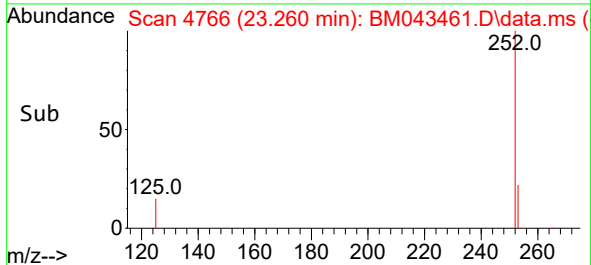
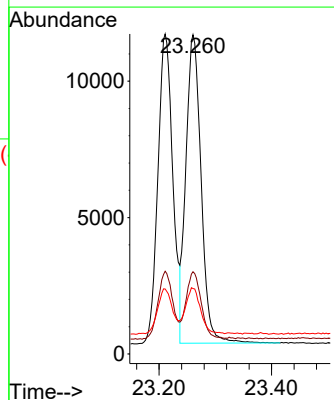
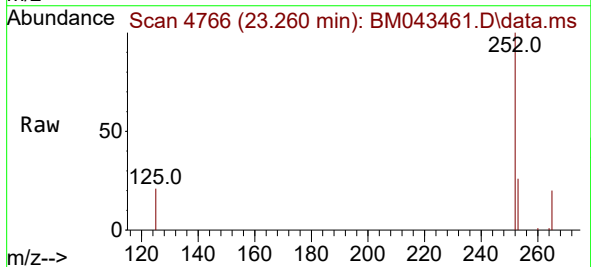
Instrument :
BNA_M
ClientSampleId :
SLCS900

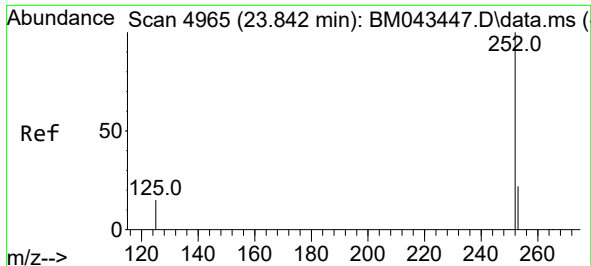
Tgt Ion:252 Resp: 20865
Ion Ratio Lower Upper
252 100
253 25.8 0.0 48.8
125 20.3 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.338 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Tgt Ion:252 Resp: 21225
Ion Ratio Lower Upper
252 100
253 25.8 18.6 28.0
125 20.5 11.8 17.8#

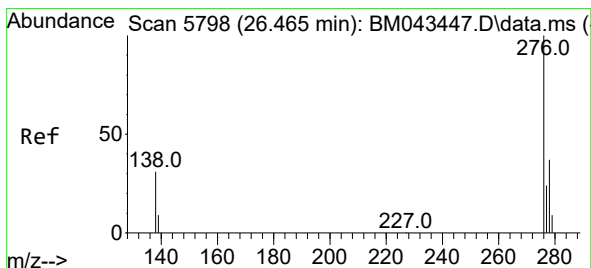
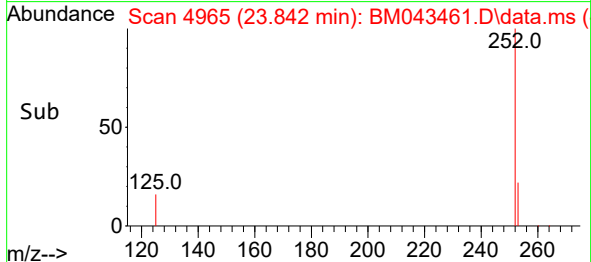
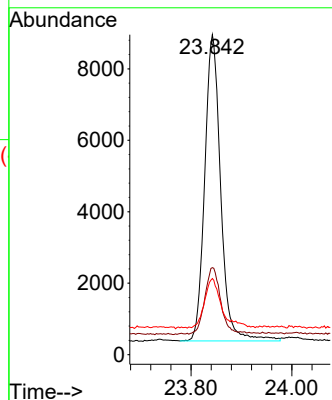
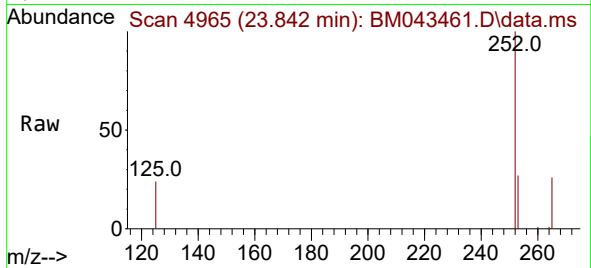




#26
Benzo(a)pyrene
Concen: 0.376 ng/ul
RT: 23.842 min Scan# 4965
Delta R.T. -0.006 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

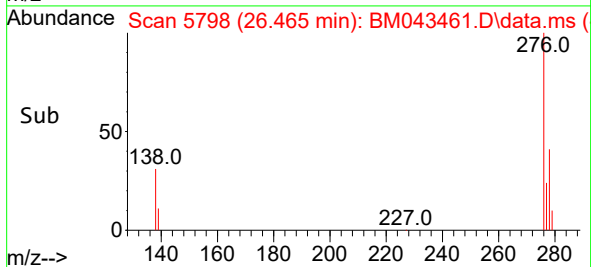
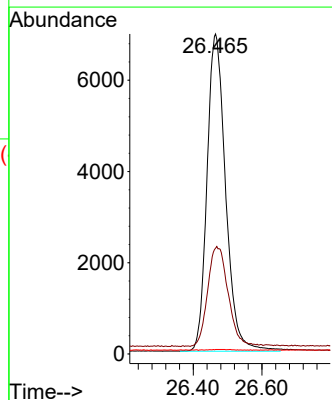
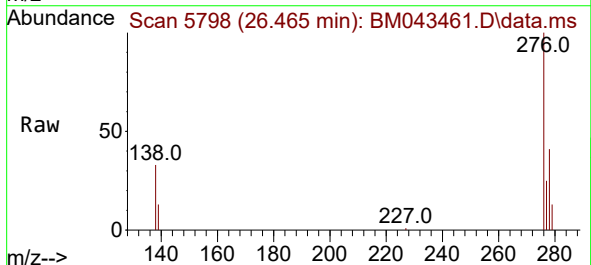
Instrument :
BNA_M
ClientSampleId :
SLCS900

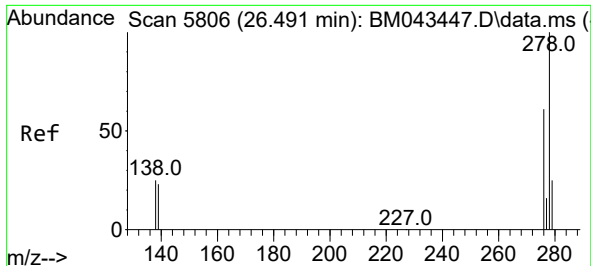
Tgt Ion:252 Resp: 18800
Ion Ratio Lower Upper
252 100
253 27.2 20.2 30.2
125 23.8 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.459 ng/ul
RT: 26.465 min Scan# 5798
Delta R.T. -0.010 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Tgt Ion:276 Resp: 26158
Ion Ratio Lower Upper
276 100
138 34.6 24.6 36.8
227 0.2 0.0 0.0#

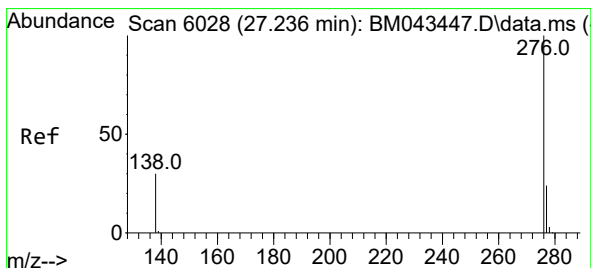
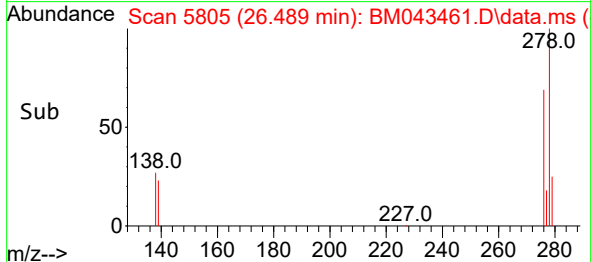
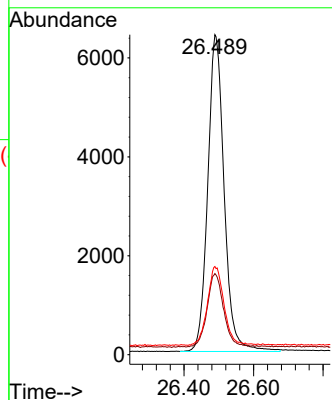
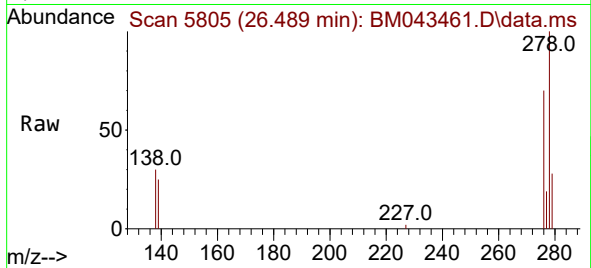




#28
Dibenzo(a,h)anthracene
Concen: 0.465 ng/ul
RT: 26.489 min Scan# 5805
Delta R.T. -0.010 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Instrument :
BNA_M
ClientSampleId :
SLCS900

Tgt Ion:278 Resp: 20982
Ion Ratio Lower Upper
278 100
139 25.4 17.4 26.2
279 27.6 20.9 31.3



#29
Benzo(g,h,i)perylene
Concen: 0.452 ng/ul
RT: 27.233 min Scan# 6027
Delta R.T. -0.010 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Tgt Ion:276 Resp: 21947
Ion Ratio Lower Upper
276 100
138 32.8 23.1 34.7
277 24.5 19.4 29.0

