

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013124\
 Data File : BM043932.D
 Acq On : 31 Jan 2024 12:56
 Operator : MA/JU
 Sample : SSTD0.498
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4003

Quant Time: Jan 31 22:44:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 15:16:31 2024
 Response via : Initial Calibration

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

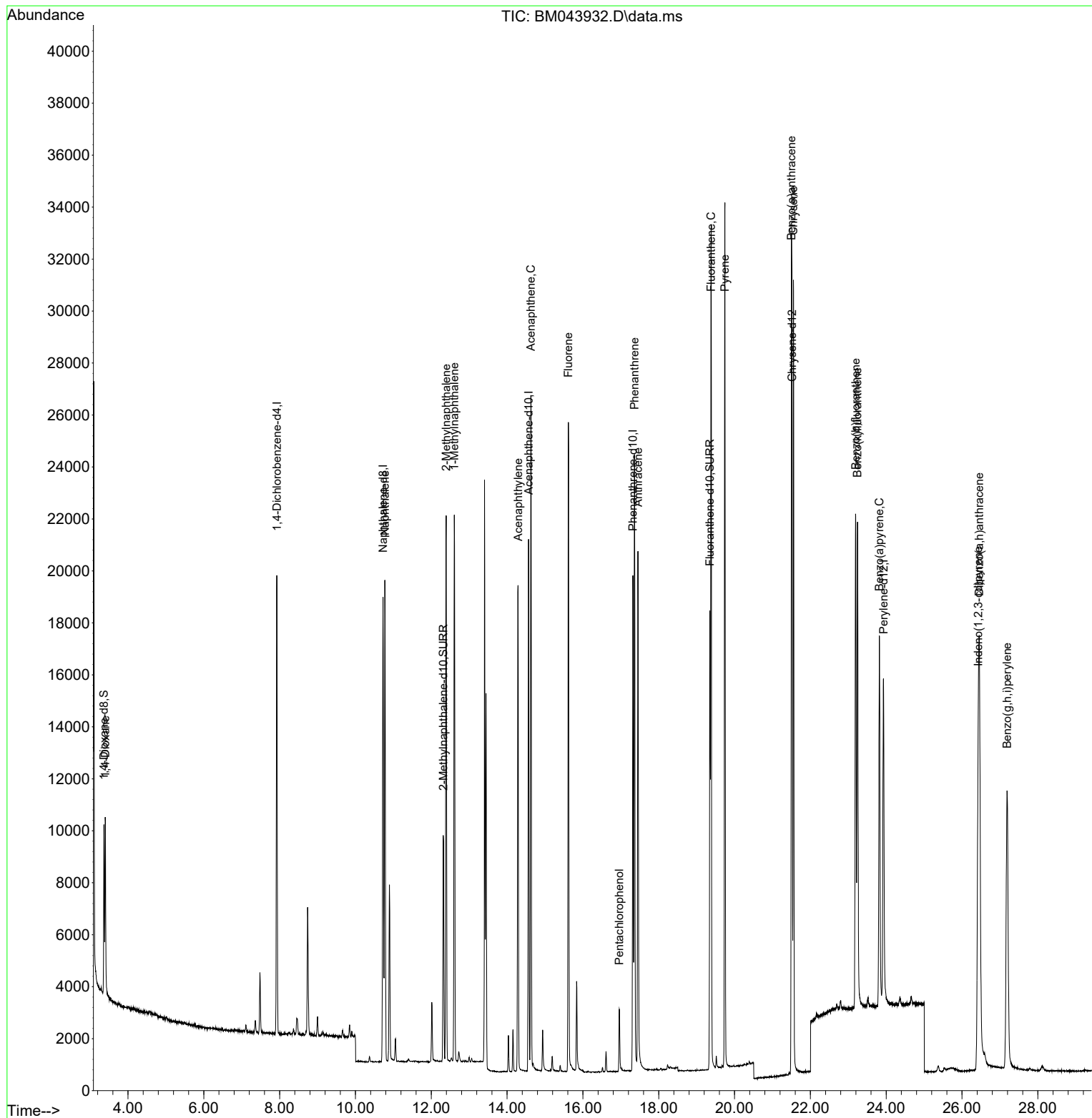
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	8648	0.400	ng/ul	0.00
4) Naphthalene-d8	10.727	136	23673	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.566	164	10983	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.318	188	23377	0.400	ng/ul	0.00
17) Chrysene-d12	21.517	240	17173	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	18821	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.365	96	4080	0.367	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	11270	0.363	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	19359	0.359	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.403	88	4389	0.376	ng/ul	100
5) Naphthalene	10.776	128	24951	0.368	ng/ul	100
7) 2-Methylnaphthalene	12.393	142	14725	0.364	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	14595	0.364	ng/ul	100
10) Acenaphthylene	14.288	152	21761	0.365	ng/ul	100
11) Acenaphthene	14.626	153	15032	0.364	ng/ul	100
12) Fluorene	15.616	166	16359	0.361	ng/ul	100
14) Pentachlorophenol	16.959	266	1800	0.325	ng/ul	100
15) Phenanthrene	17.360	178	25509	0.358	ng/ul	100
16) Anthracene	17.453	178	24121	0.357	ng/ul	100
19) Fluoranthene	19.382	202	28420	0.359	ng/ul	100
20) Pyrene	19.745	202	29129	0.358	ng/ul	100
21) Benzo(a)anthracene	21.500	228	25312	0.353	ng/ul	100
22) Chrysene	21.552	228	26858	0.358	ng/ul	100
24) Benzo(b)fluoranthene	23.192	252	26224	0.364	ng/ul	100
25) Benzo(k)fluoranthene	23.242	252	27276	0.358	ng/ul	100
26) Benzo(a)pyrene	23.821	252	23426	0.357	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.427	276	30015	0.356	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.457	278	23805	0.353	ng/ul	100
29) Benzo(g,h,i)perylene	27.191	276	26490	0.363	ng/ul	100

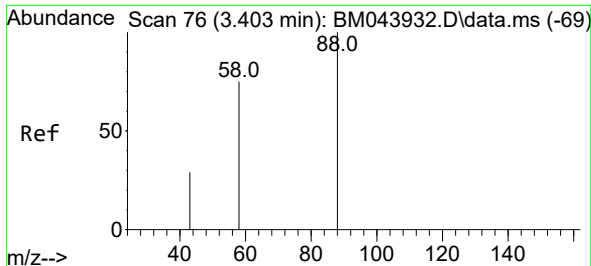
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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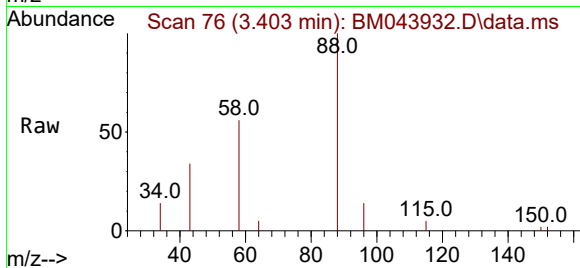
Quant Time: Jan 31 22:44:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 15:16:31 2024
Response via : Initial Calibration



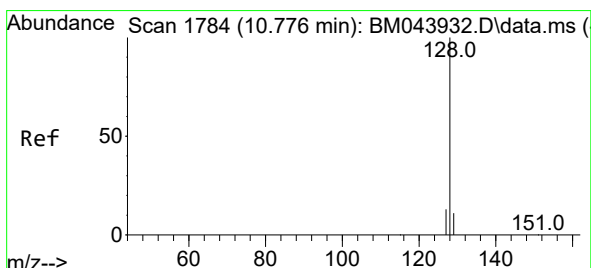
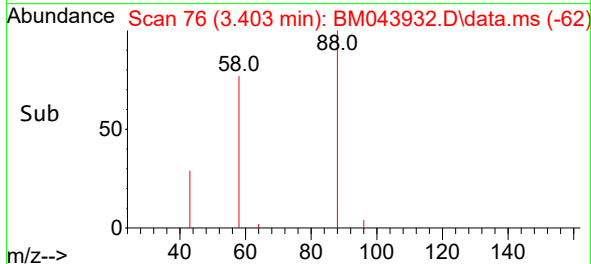
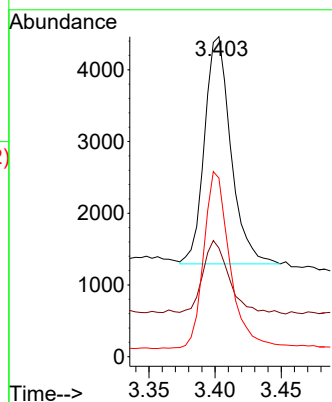


#2
1,4-Dioxane
Concen: 0.376 ng/ul
RT: 3.403 min Scan# 76
Delta R.T. 0.000 min
Lab File: BM043932.D
Acq: 31 Jan 2024 12:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

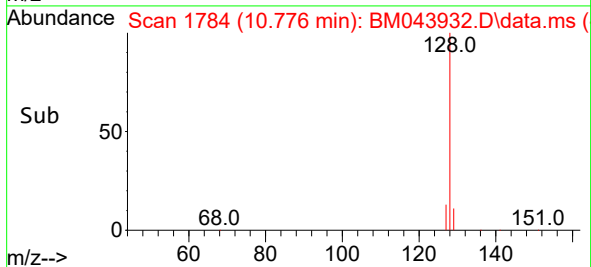
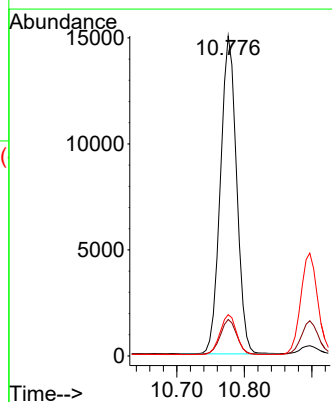
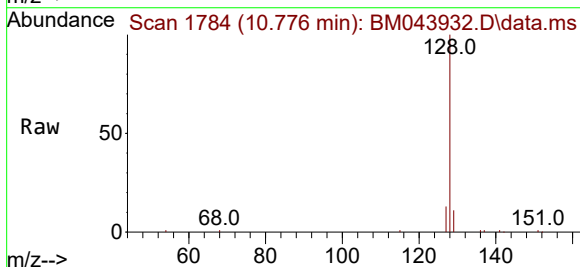


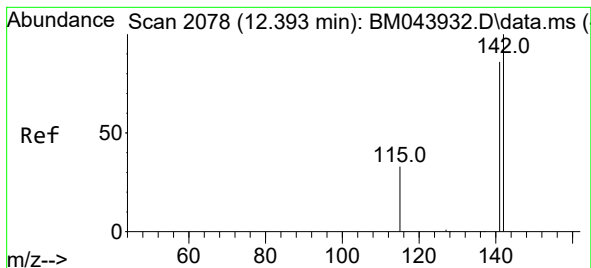
Tgt Ion: 88 Resp: 4389
Ion Ratio Lower Upper
88 100
43 33.9 27.1 40.7
58 55.8 44.6 67.0



#5
Naphthalene
Concen: 0.368 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM043932.D
Acq: 31 Jan 2024 12:56

Tgt Ion: 128 Resp: 24951
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 12.9 10.3 15.5

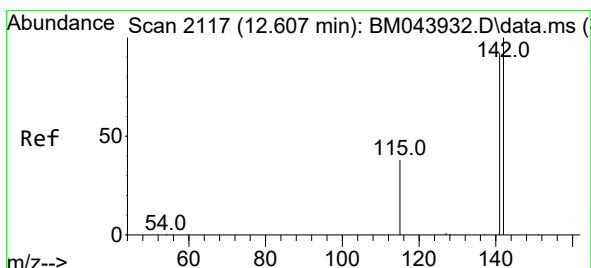
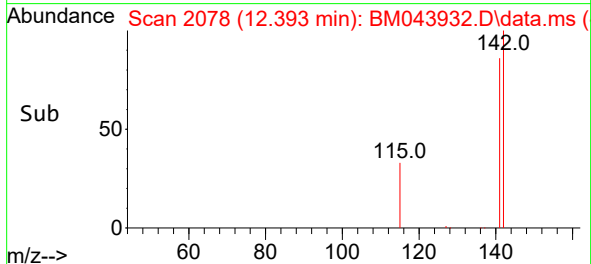
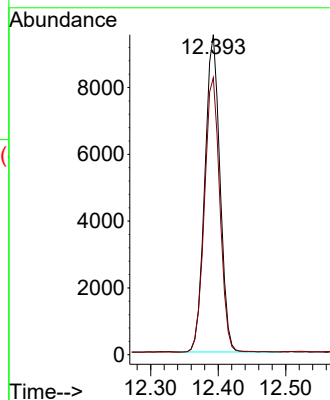
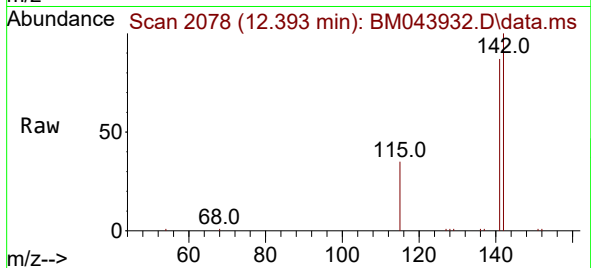




#7
2-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. 0.000 min
Lab File: BM043932.D
Acq: 31 Jan 2024 12:56

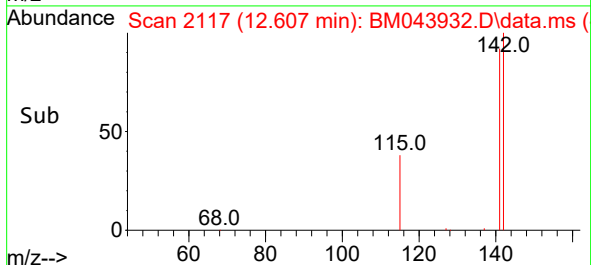
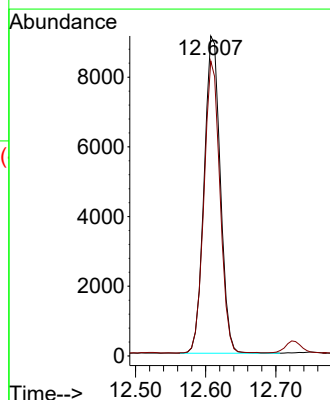
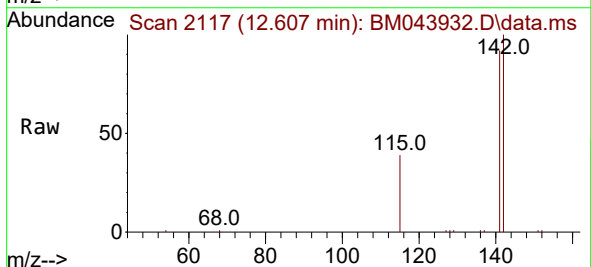
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

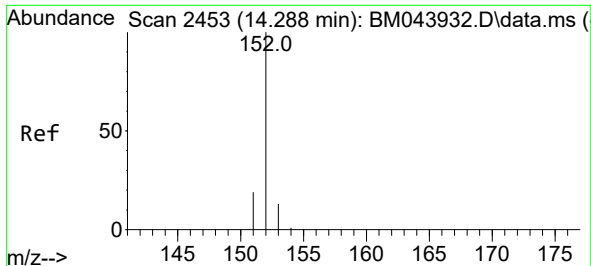
Tgt Ion:142 Resp: 14725
Ion Ratio Lower Upper
142 100
141 87.8 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM043932.D
Acq: 31 Jan 2024 12:56

Tgt Ion:142 Resp: 14595
Ion Ratio Lower Upper
142 100
141 91.1 72.9 109.3

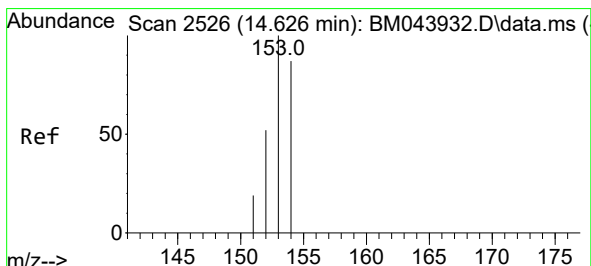
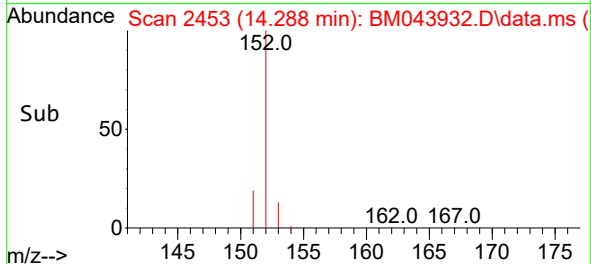
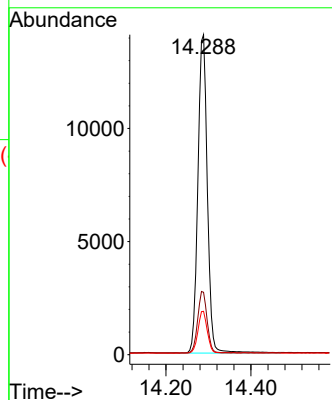
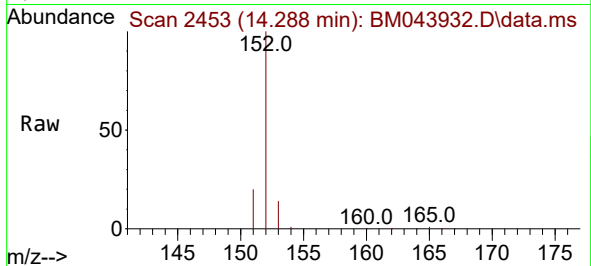




#10
Acenaphthylene
Concen: 0.365 ng/ul
RT: 14.288 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BM043932.D
Acq: 31 Jan 2024 12:56

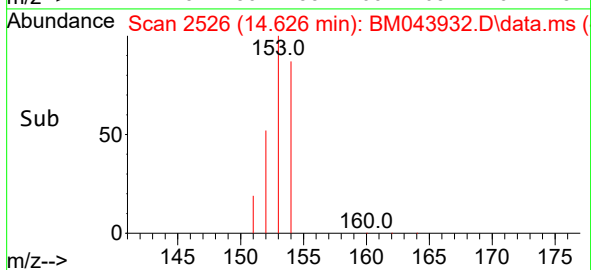
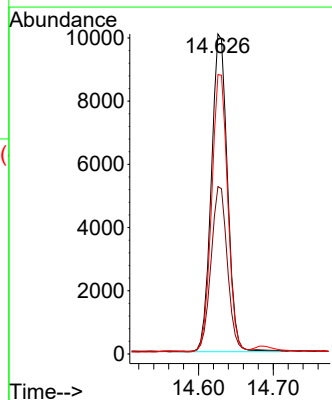
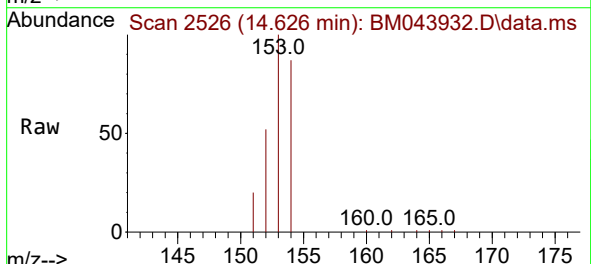
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

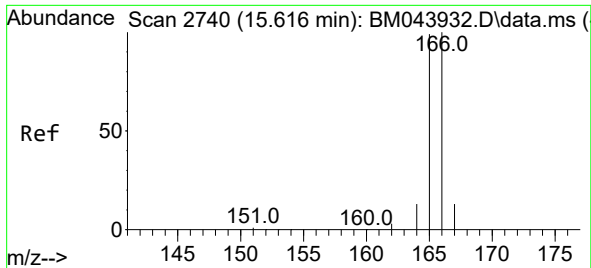
Tgt Ion:	152	Resp:	21761
Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.6	10.9	16.3



#11
Acenaphthene
Concen: 0.364 ng/ul
RT: 14.626 min Scan# 2526
Delta R.T. 0.000 min
Lab File: BM043932.D
Acq: 31 Jan 2024 12:56

Tgt Ion:	153	Resp:	15032
Ion	Ratio	Lower	Upper
153	100		
152	52.3	41.8	62.8
154	87.3	69.8	104.8

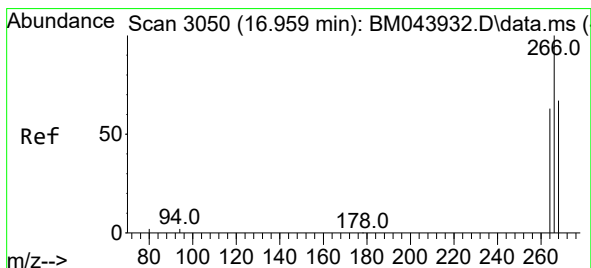
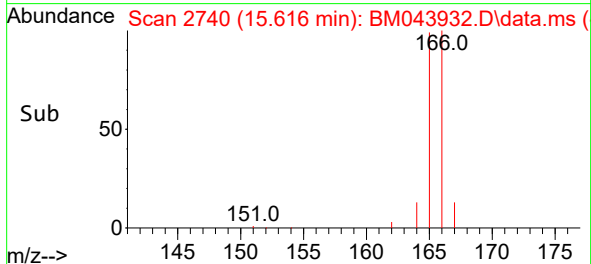
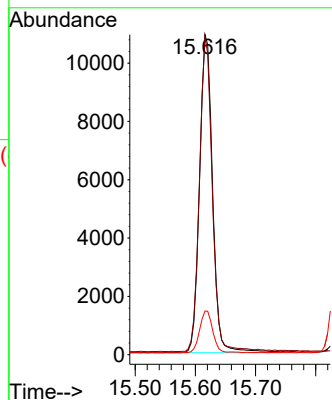
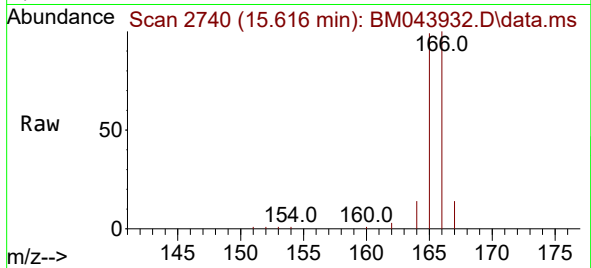




#12
 Fluorene
 Concen: 0.361 ng/ul
 RT: 15.616 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM043932.D
 Acq: 31 Jan 2024 12:56

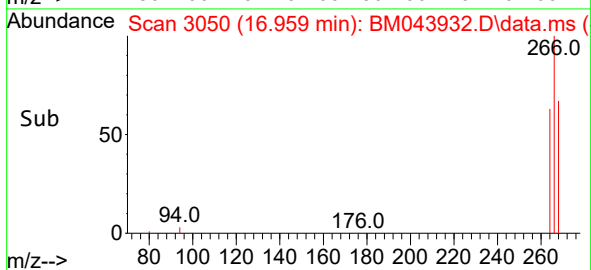
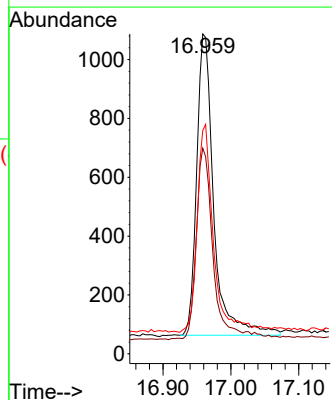
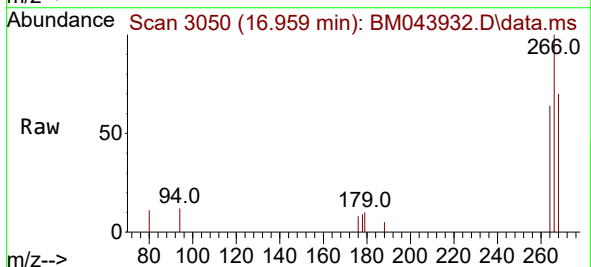
Instrument :
 BNA_M
 ClientSampleId :
 SST00.4003

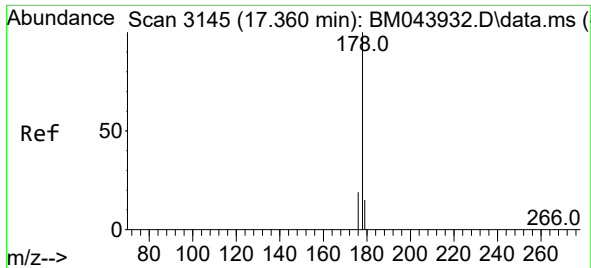
Tgt Ion:166 Resp: 16359
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.5 119.3
 167 13.6 10.9 16.3



#14
 Pentachlorophenol
 Concen: 0.325 ng/ul
 RT: 16.959 min Scan# 3050
 Delta R.T. 0.000 min
 Lab File: BM043932.D
 Acq: 31 Jan 2024 12:56

Tgt Ion:266 Resp: 1800
 Ion Ratio Lower Upper
 266 100
 264 64.1 51.3 76.9
 268 68.4 54.7 82.1

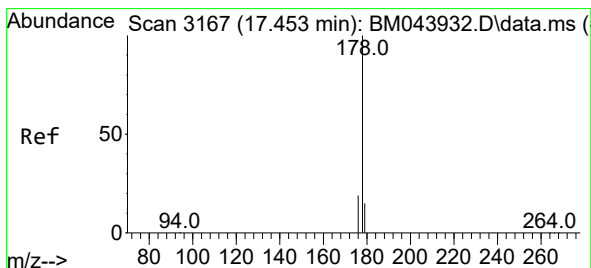
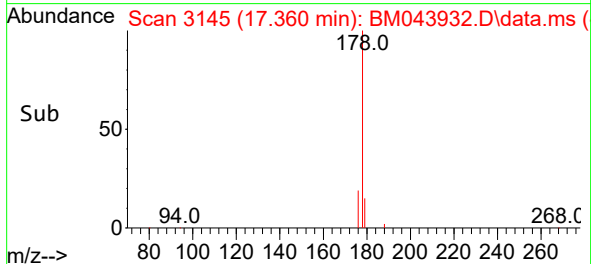
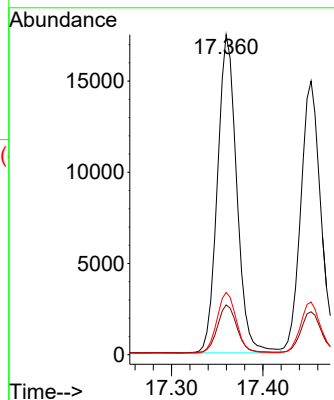
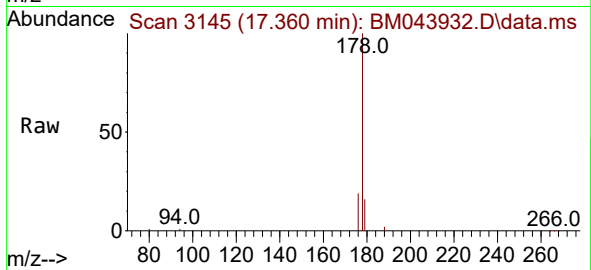




#15
Phenanthrene
Concen: 0.358 ng/ul
RT: 17.360 min Scan# 3145
Delta R.T. 0.000 min
Lab File: BM043932.D
Acq: 31 Jan 2024 12:56

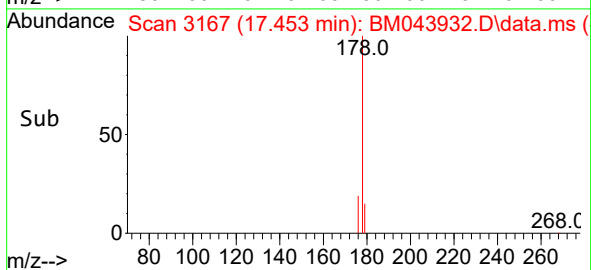
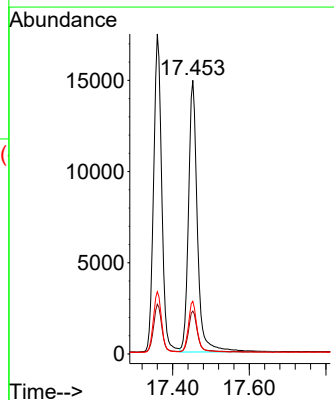
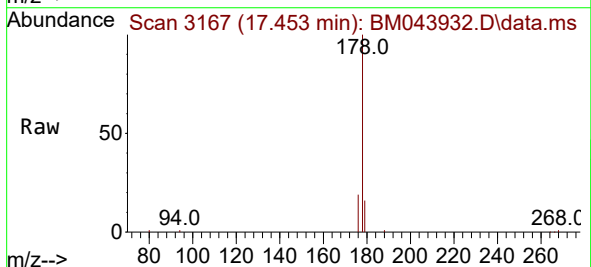
Instrument :
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ClientSampleId :
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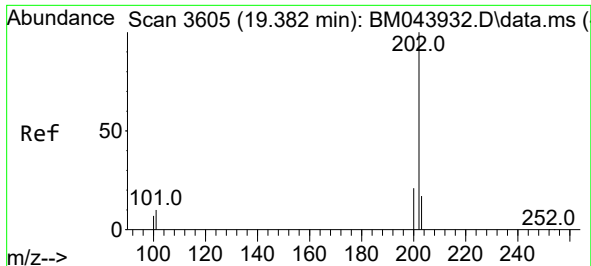
Tgt Ion:	178	Resp:	25509
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.5	18.7
176	19.5	15.6	23.4



#16
Anthracene
Concen: 0.357 ng/ul
RT: 17.453 min Scan# 3167
Delta R.T. 0.000 min
Lab File: BM043932.D
Acq: 31 Jan 2024 12:56

Tgt Ion:	178	Resp:	24121
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.6	18.8
176	19.2	15.4	23.0

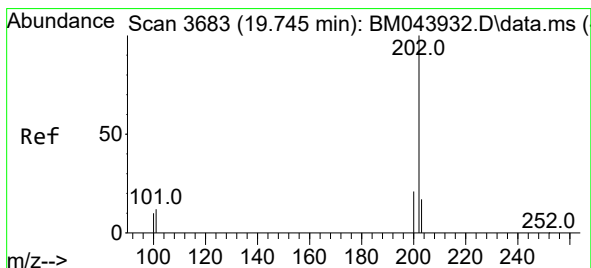
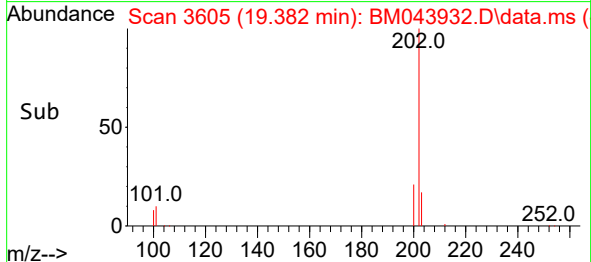
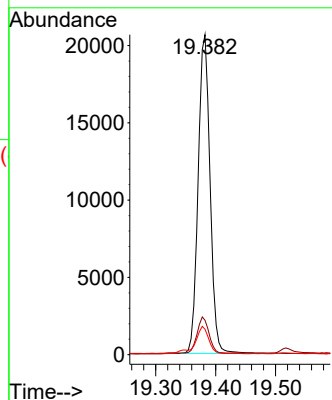
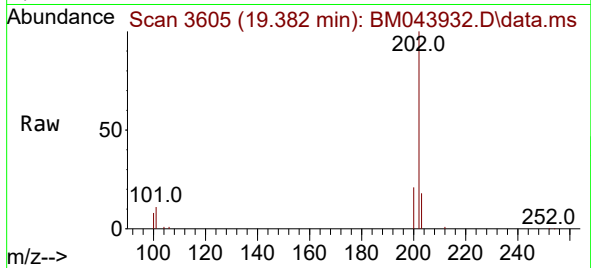




#19
Fluoranthene
Concen: 0.359 ng/ul
RT: 19.382 min Scan# 3605
Delta R.T. 0.000 min
Lab File: BM043932.D
Acq: 31 Jan 2024 12:56

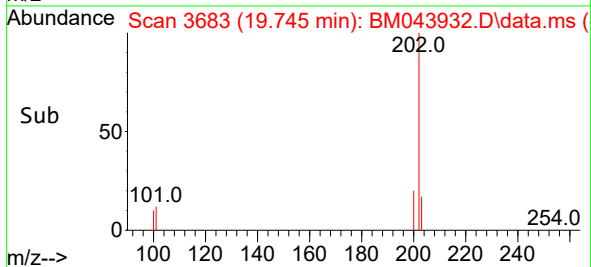
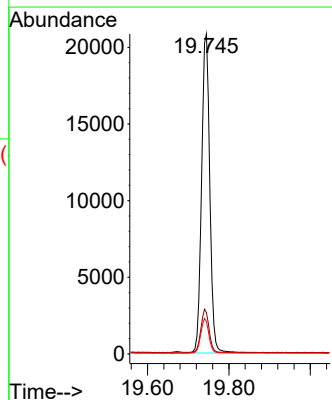
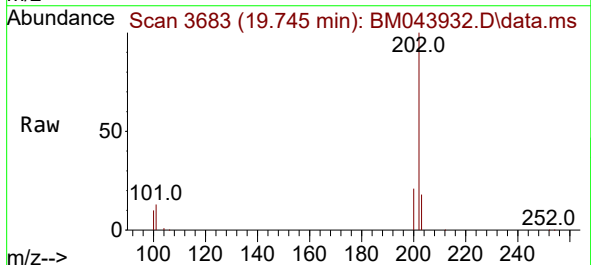
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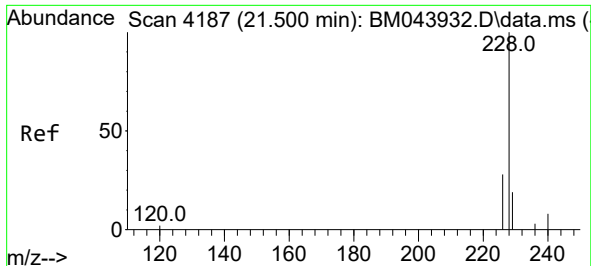
Tgt Ion:202 Resp: 28420
Ion Ratio Lower Upper
202 100
101 10.8 8.6 13.0
100 8.0 6.4 9.6



#20
Pyrene
Concen: 0.358 ng/ul
RT: 19.745 min Scan# 3683
Delta R.T. 0.000 min
Lab File: BM043932.D
Acq: 31 Jan 2024 12:56

Tgt Ion:202 Resp: 29129
Ion Ratio Lower Upper
202 100
101 12.9 10.3 15.5
100 10.1 8.1 12.1

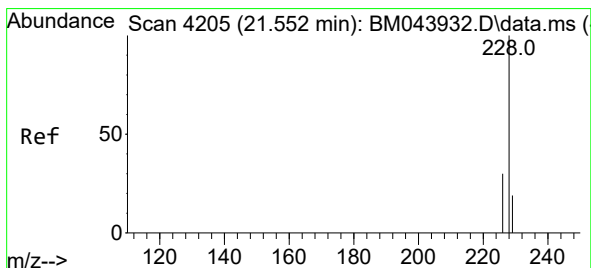
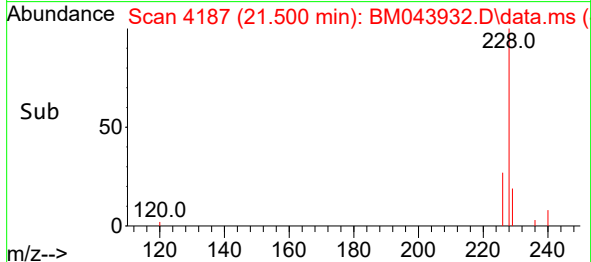
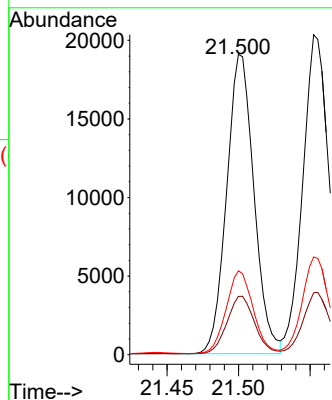
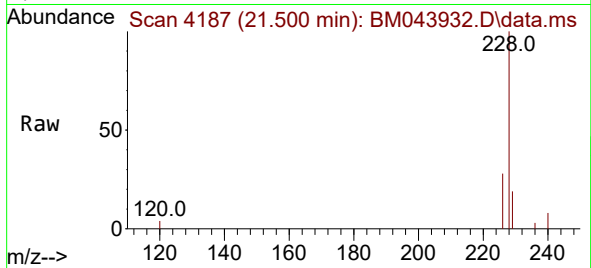




#21
Benzo(a)anthracene
Concen: 0.353 ng/u1
RT: 21.500 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BM043932.D
Acq: 31 Jan 2024 12:56

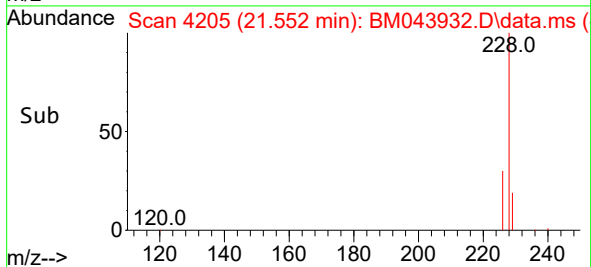
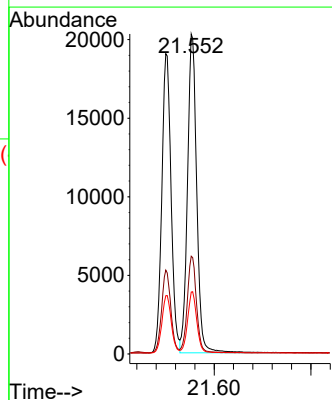
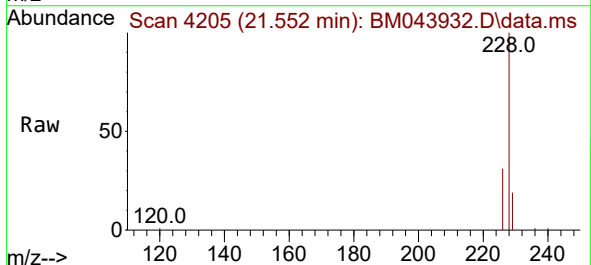
Instrument :
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SSTD0.4003

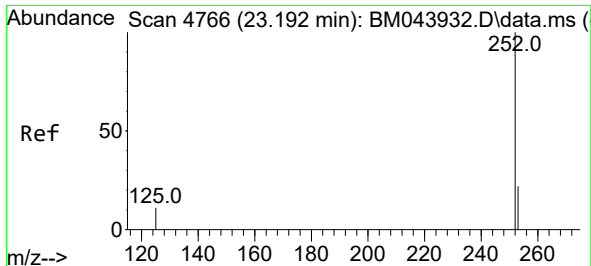
Tgt Ion:228 Resp: 25312
Ion Ratio Lower Upper
228 100
229 19.4 15.5 23.3
226 27.9 22.3 33.5



#22
Chrysene
Concen: 0.358 ng/u1
RT: 21.552 min Scan# 4205
Delta R.T. 0.000 min
Lab File: BM043932.D
Acq: 31 Jan 2024 12:56

Tgt Ion:228 Resp: 26858
Ion Ratio Lower Upper
228 100
226 30.5 24.4 36.6
229 19.4 15.5 23.3

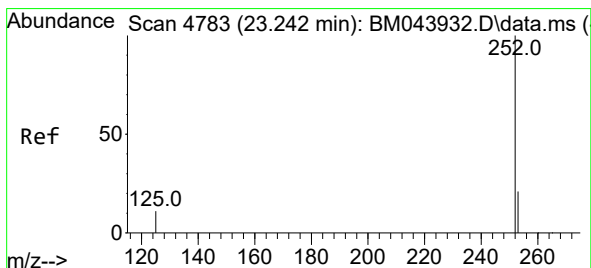
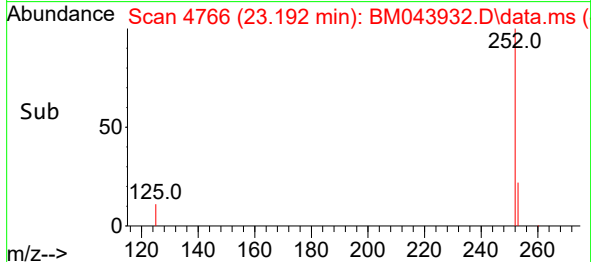
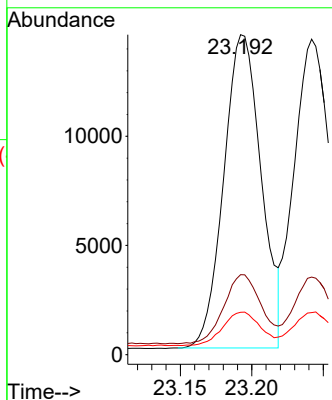
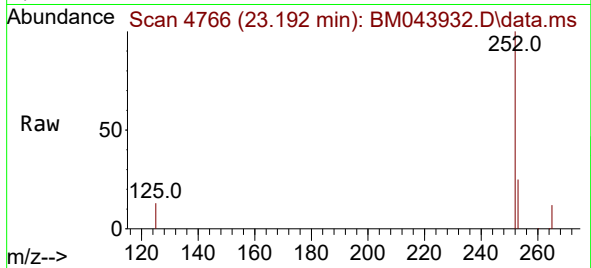




#24
Benzo(b)fluoranthene
Concen: 0.364 ng/ul
RT: 23.192 min Scan# 4766
Delta R.T. 0.000 min
Lab File: BM043932.D
Acq: 31 Jan 2024 12:56

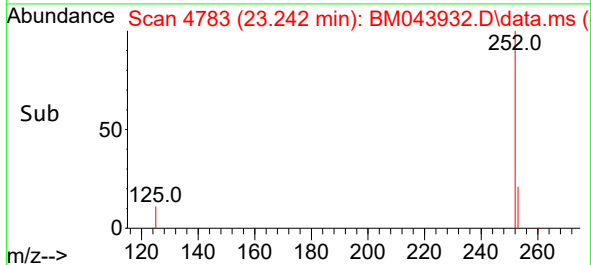
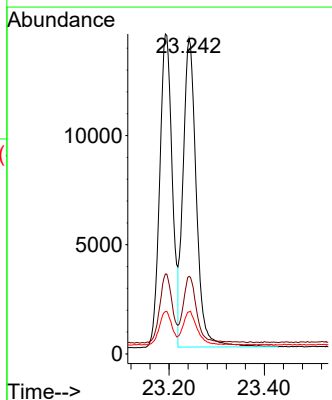
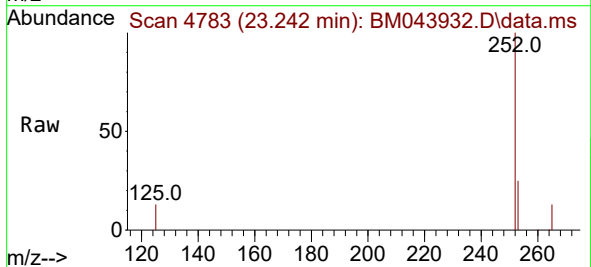
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

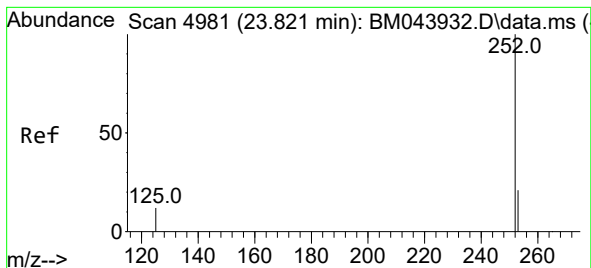
Tgt Ion:252 Resp: 26224
Ion Ratio Lower Upper
252 100
253 25.0 0.0 50.0
125 13.2 0.0 26.4



#25
Benzo(k)fluoranthene
Concen: 0.358 ng/ul
RT: 23.242 min Scan# 4783
Delta R.T. 0.000 min
Lab File: BM043932.D
Acq: 31 Jan 2024 12:56

Tgt Ion:252 Resp: 27276
Ion Ratio Lower Upper
252 100
253 24.6 19.7 29.5
125 13.3 10.6 16.0





#26

Benzo(a)pyrene

Concen: 0.357 ng/ul

RT: 23.821 min Scan# 4981

Delta R.T. 0.000 min

Lab File: BM043932.D

Acq: 31 Jan 2024 12:56

Instrument :

BNA_M

ClientSampleId :

SSTD0.4003

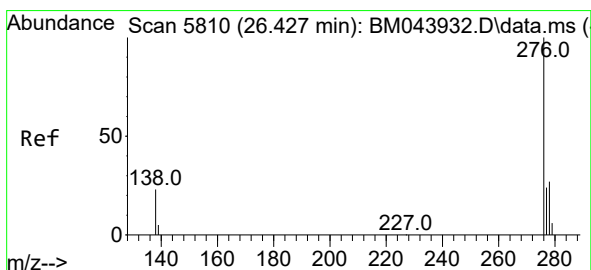
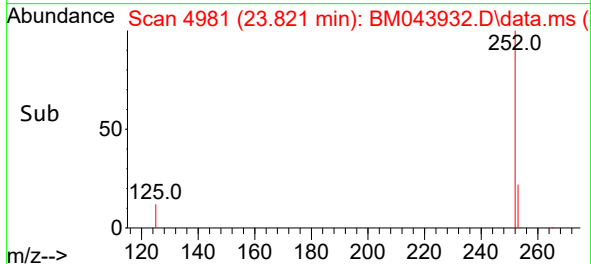
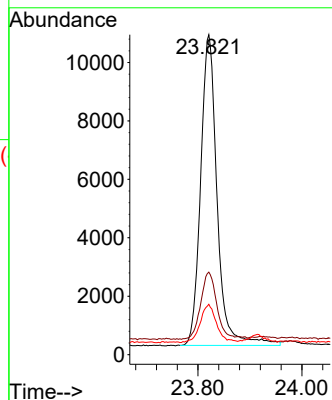
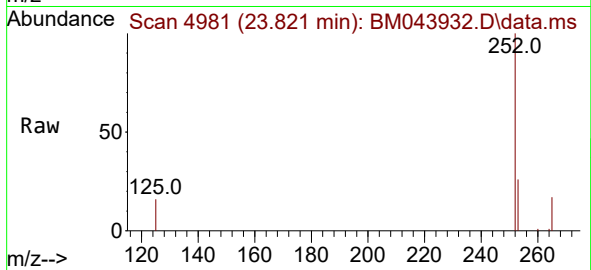
Tgt Ion:252 Resp: 23426

Ion Ratio Lower Upper

252 100

253 25.8 20.6 31.0

125 15.7 12.6 18.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.356 ng/ul

RT: 26.427 min Scan# 5810

Delta R.T. 0.000 min

Lab File: BM043932.D

Acq: 31 Jan 2024 12:56

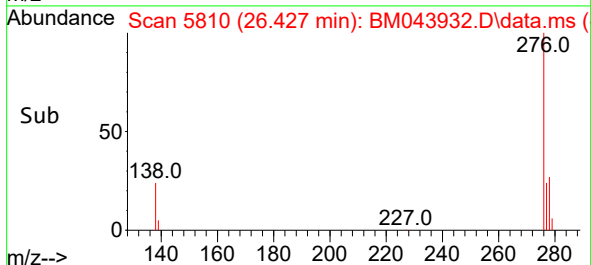
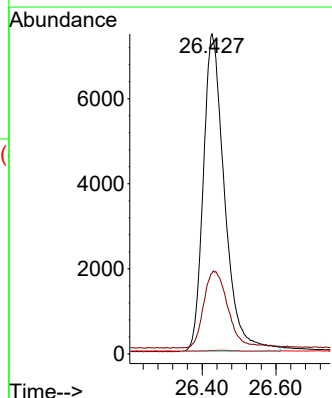
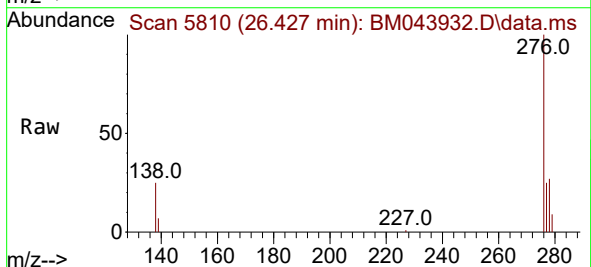
Tgt Ion:276 Resp: 30015

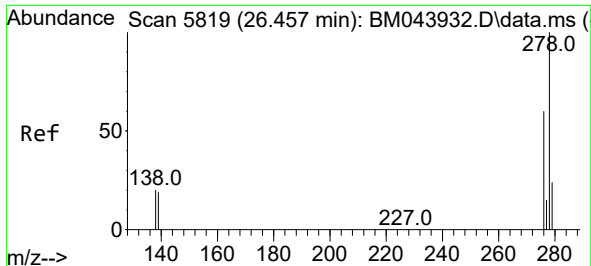
Ion Ratio Lower Upper

276 100

138 27.8 22.2 33.2

227 0.0 0.0 0.0#

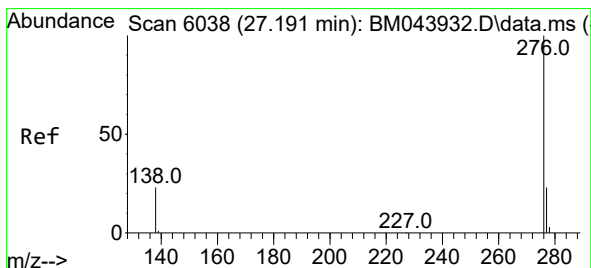
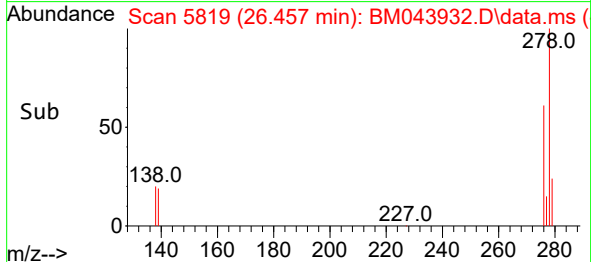
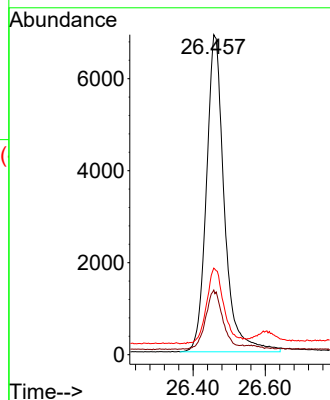
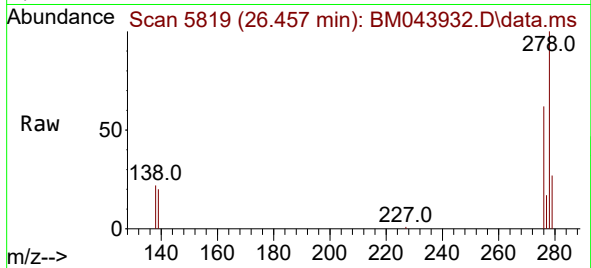




#28
Dibenzo(a,h)anthracene
Concen: 0.353 ng/ul
RT: 26.457 min Scan# 5819
Delta R.T. 0.000 min
Lab File: BM043932.D
Acq: 31 Jan 2024 12:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:278 Resp: 23805
Ion Ratio Lower Upper
278 100
139 20.2 16.2 24.2
279 27.1 21.7 32.5



#29
Benzo(g,h,i)perylene
Concen: 0.363 ng/ul
RT: 27.191 min Scan# 6038
Delta R.T. 0.000 min
Lab File: BM043932.D
Acq: 31 Jan 2024 12:56

Tgt Ion:276 Resp: 26490
Ion Ratio Lower Upper
276 100
138 25.2 20.2 30.2
277 23.7 19.0 28.4

