

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
 Data File : BM040271.D
 Acq On : 15 Jun 2023 22:22
 Operator : MA/JU
 Sample : 03088-09DL 5X
 Misc : SFAM SURROGATES
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFR5DL

Quant Time: Jun 15 23:44:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

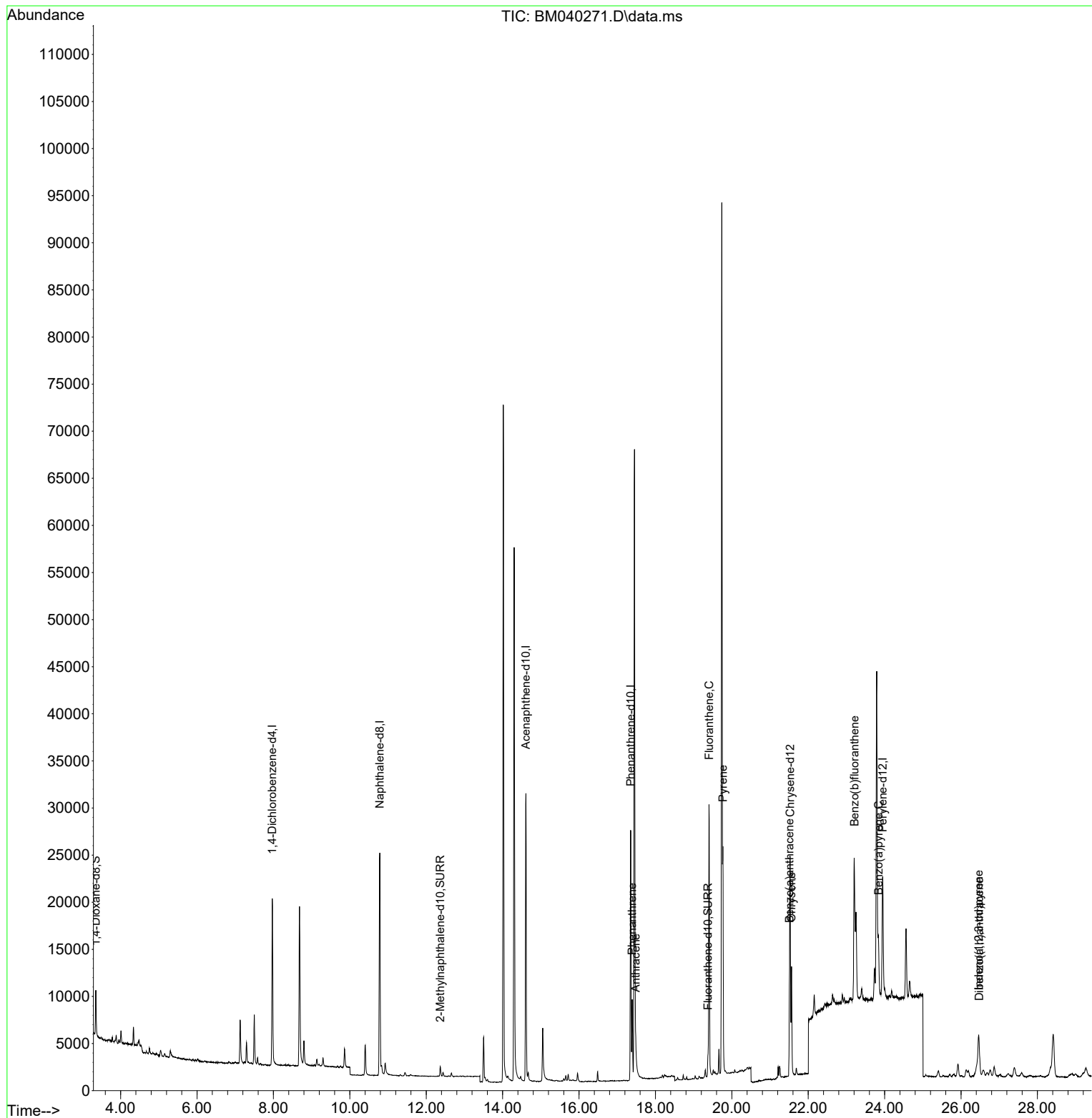
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	9409	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	34116	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.609	164	16762	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	31058	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	18419	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	18345	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	2919	0.251	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	1510	0.035	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	2316	0.050	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.391	178	8788	0.108	ng/ul	96
16) Anthracene	17.484	178	1437	0.021	ng/ul#	69
19) Fluoranthene	19.403	202	23789	0.379	ng/ul#	89
20) Pyrene	19.765	202	18111	0.278	ng/ul	96
21) Benzo(a)anthracene	21.509	228	8058	0.148	ng/ul	96
22) Chrysene	21.561	228	12365	0.215	ng/ul	97
24) Benzo(b)fluoranthene	23.210	252	19876	0.294	ng/ul#	57
26) Benzo(a)pyrene	23.839	252	6092	0.110	ng/ul#	26
27) Indeno(1,2,3-cd)pyrene	26.461	276	7419	0.106	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.477	278	2126	0.038	ng/ul#	9

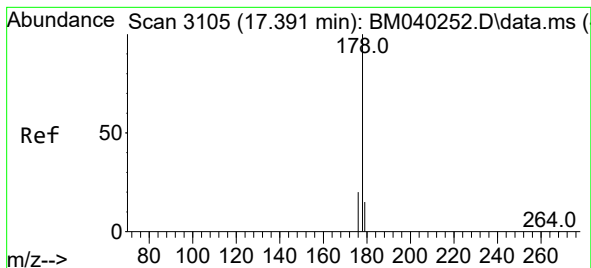
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#15

Phenanthrene

Concen: 0.108 ng/ul

RT: 17.391 min Scan# 3105

Delta R.T. -0.004 min

Lab File: BM040271.D

Acq: 15 Jun 2023 22:22

Instrument :

BNA_M

ClientSampleId :

DCFR5DL

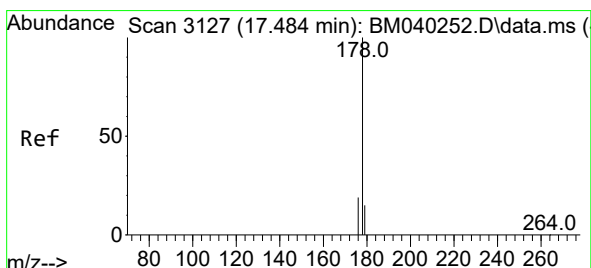
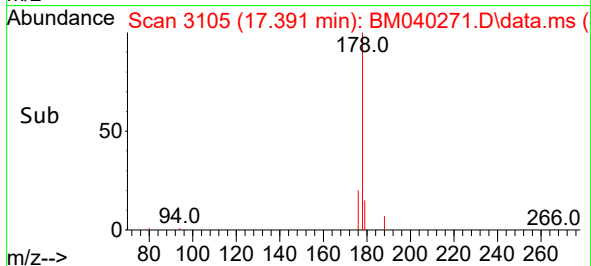
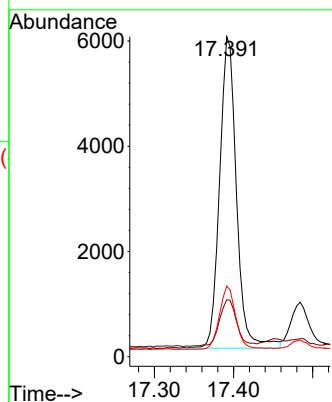
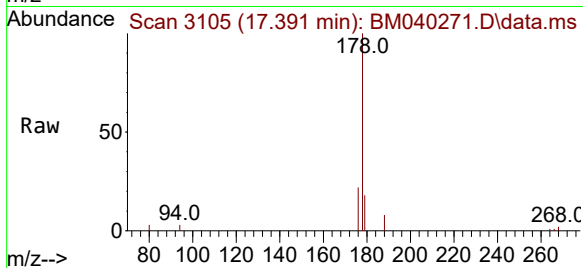
Tgt Ion:178 Resp: 8788

Ion Ratio Lower Upper

178 100

179 17.8 12.6 19.0

176 22.0 16.1 24.1



#16

Anthracene

Concen: 0.021 ng/ul

RT: 17.484 min Scan# 3127

Delta R.T. -0.004 min

Lab File: BM040271.D

Acq: 15 Jun 2023 22:22

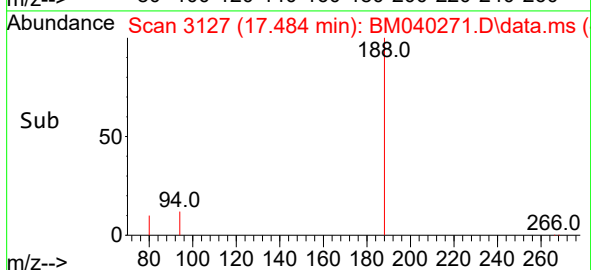
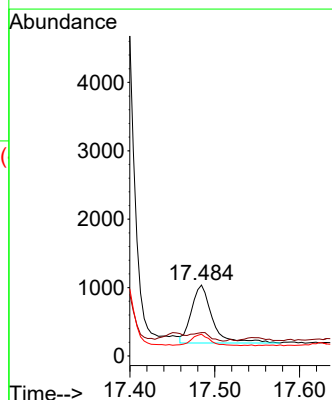
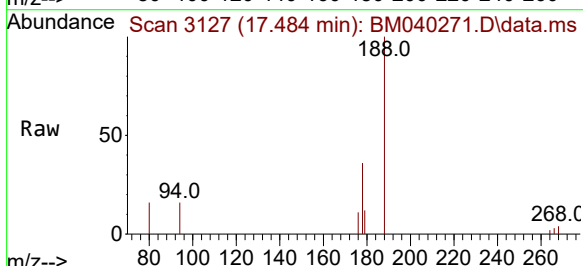
Tgt Ion:178 Resp: 1437

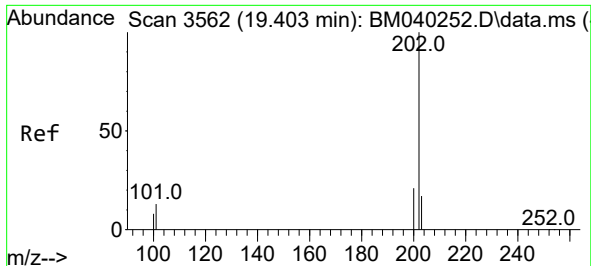
Ion Ratio Lower Upper

178 100

179 32.9 13.0 19.4#

176 30.7 15.5 23.3#

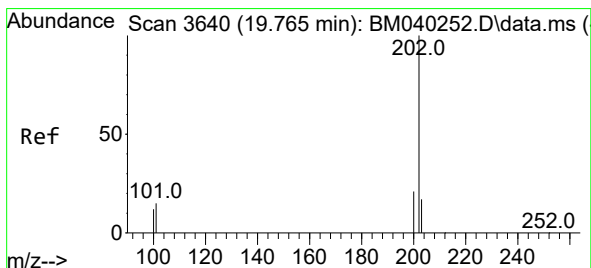
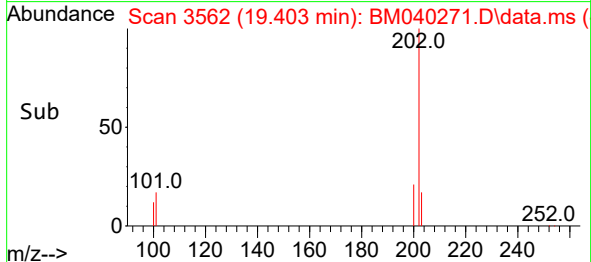
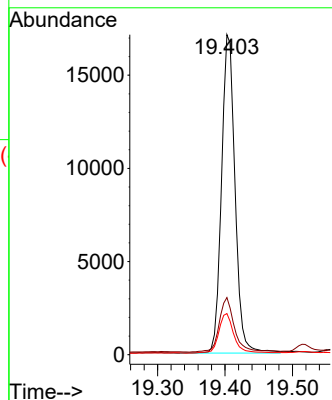
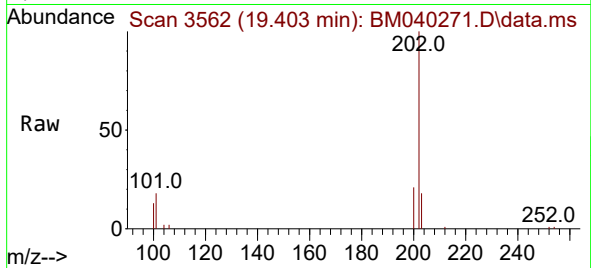




#19
Fluoranthene
Concen: 0.379 ng/ul
RT: 19.403 min Scan# 3562
Delta R.T. -0.005 min
Lab File: BM040271.D
Acq: 15 Jun 2023 22:22

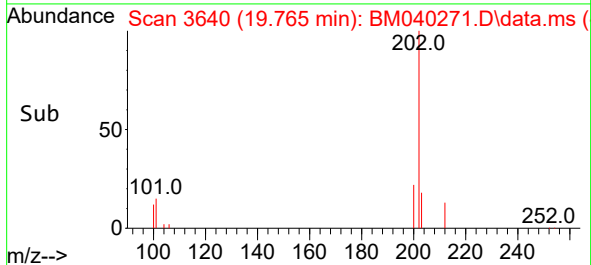
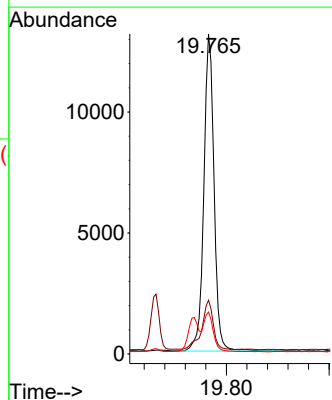
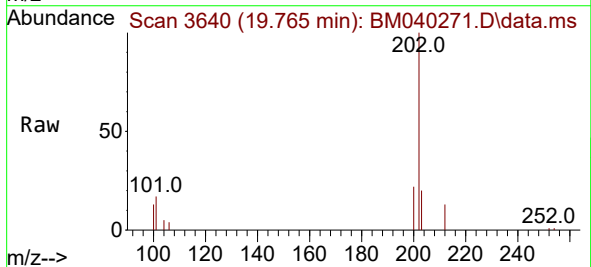
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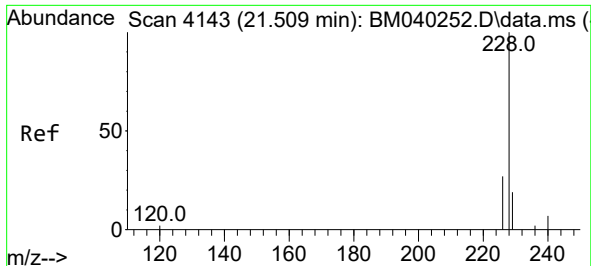
Tgt Ion:202 Resp: 23789
Ion Ratio Lower Upper
202 100
101 17.9 10.2 15.4#
100 12.9 7.6 11.4#



#20
Pyrene
Concen: 0.278 ng/ul
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040271.D
Acq: 15 Jun 2023 22:22

Tgt Ion:202 Resp: 18111
Ion Ratio Lower Upper
202 100
101 16.8 11.8 17.8
100 13.1 9.3 13.9

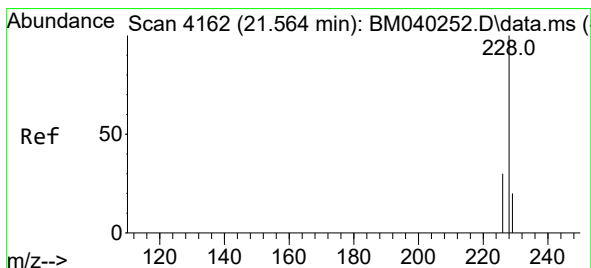
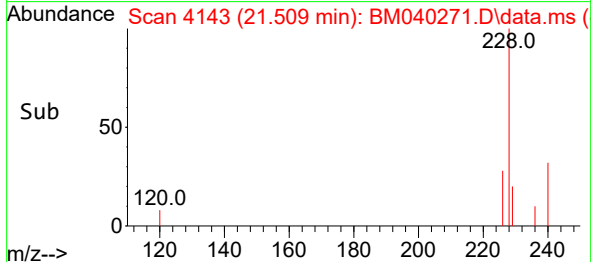
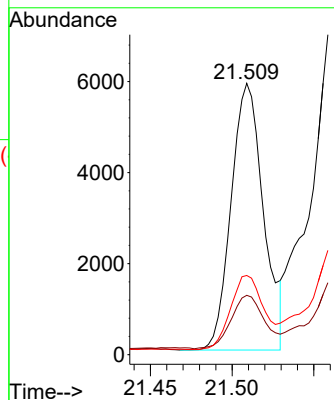
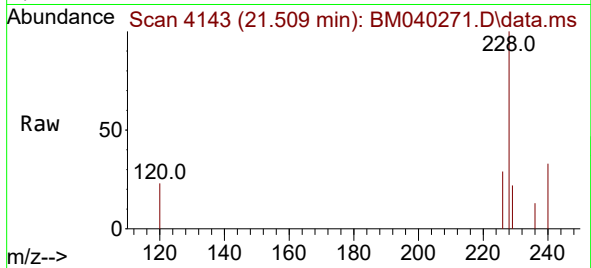




#21
Benzo(a)anthracene
Concen: 0.148 ng/ul
RT: 21.509 min Scan# 4143
Delta R.T. -0.006 min
Lab File: BM040271.D
Acq: 15 Jun 2023 22:22

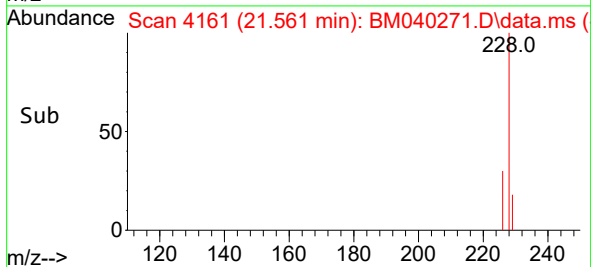
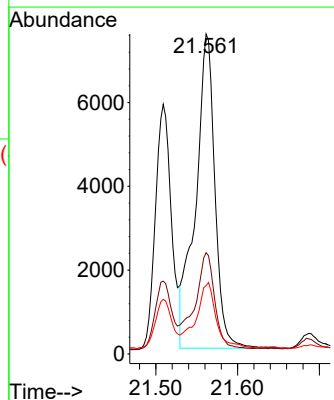
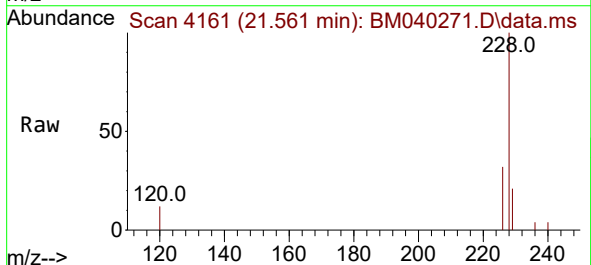
Instrument :
BNA_M
ClientSampleId :
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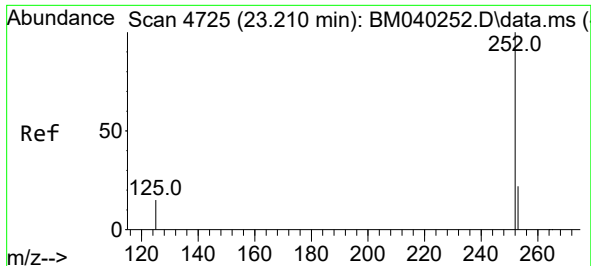
Tgt Ion:228 Resp: 8058
Ion Ratio Lower Upper
228 100
229 21.9 15.8 23.8
226 29.2 22.0 33.0



#22
Chrysene
Concen: 0.215 ng/ul
RT: 21.561 min Scan# 4161
Delta R.T. -0.009 min
Lab File: BM040271.D
Acq: 15 Jun 2023 22:22

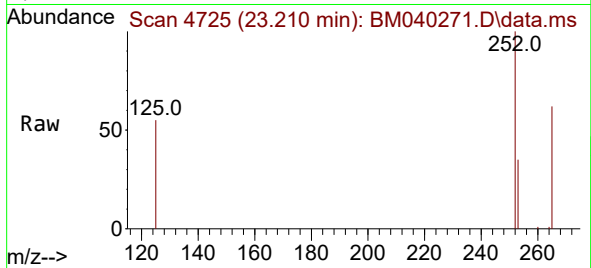
Tgt Ion:228 Resp: 12365
Ion Ratio Lower Upper
228 100
226 31.7 24.3 36.5
229 21.4 15.7 23.5



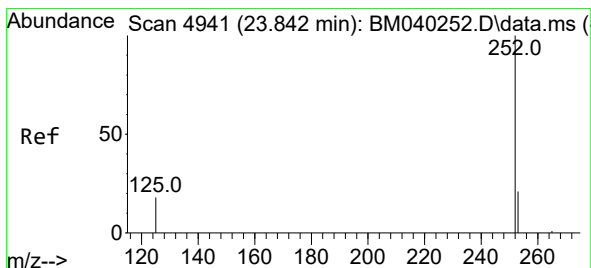
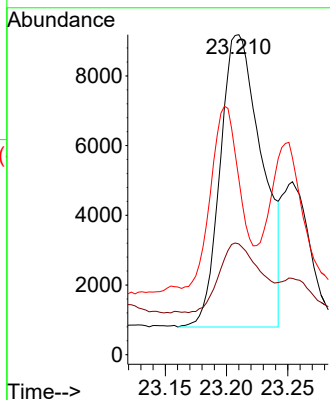


#24
Benzo(b)fluoranthene
Concen: 0.294 ng/ul
RT: 23.210 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM040271.D
Acq: 15 Jun 2023 22:22

Instrument :
BNA_M
ClientSampleId :
DCFR5DL

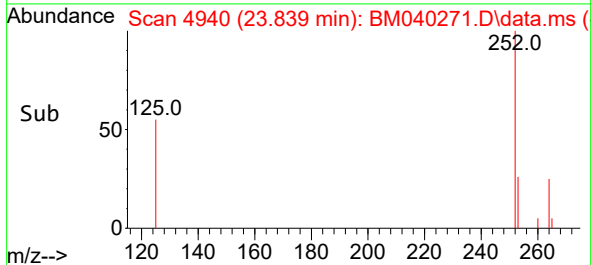
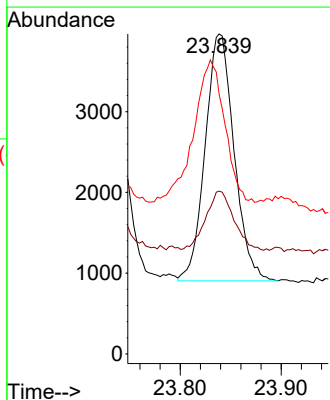
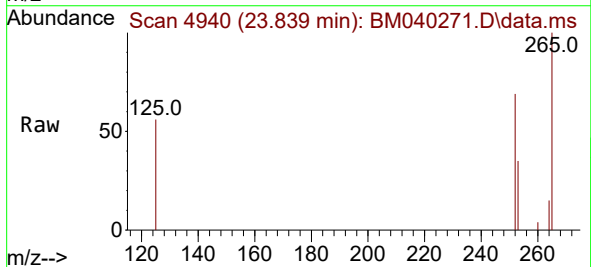


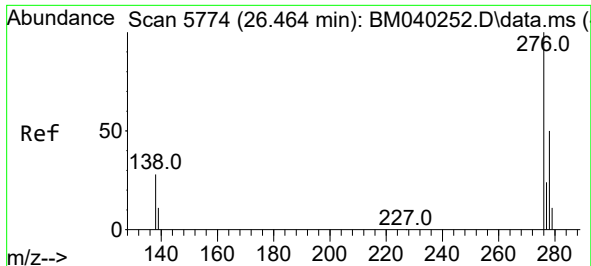
Tgt Ion:252 Resp: 19876
Ion Ratio Lower Upper
252 100
253 34.6 0.0 52.4
125 54.9 0.0 38.4#



#26
Benzo(a)pyrene
Concen: 0.110 ng/ul
RT: 23.839 min Scan# 4940
Delta R.T. -0.012 min
Lab File: BM040271.D
Acq: 15 Jun 2023 22:22

Tgt Ion:252 Resp: 6092
Ion Ratio Lower Upper
252 100
253 50.9 23.4 35.0#
125 81.1 19.7 29.5#

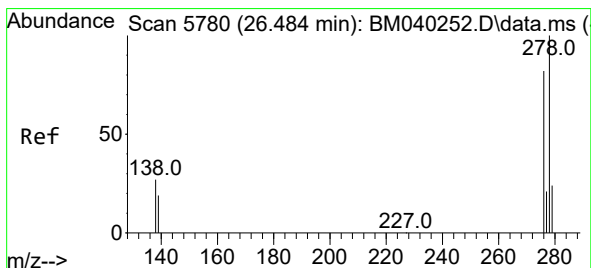
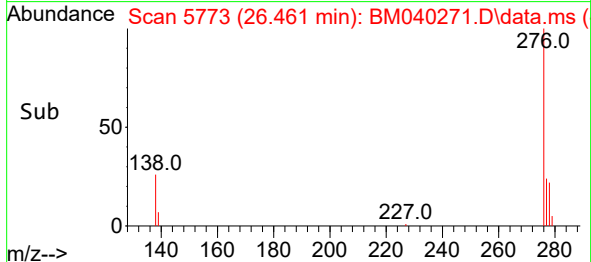
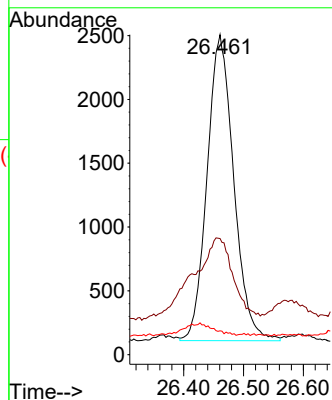
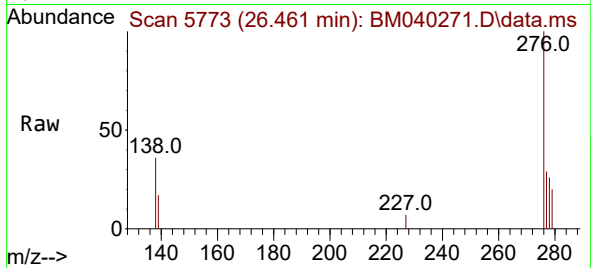




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.106 ng/ul
RT: 26.461 min Scan# 5773
Delta R.T. -0.017 min
Lab File: BM040271.D
Acq: 15 Jun 2023 22:22

Instrument :
BNA_M
ClientSampleId :
DCFR5DL

Tgt Ion:276 Resp: 7419
Ion Ratio Lower Upper
276 100
138 39.8 23.3 34.9#
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.038 ng/ul
RT: 26.477 min Scan# 5778
Delta R.T. -0.020 min
Lab File: BM040271.D
Acq: 15 Jun 2023 22:22

Tgt Ion:278 Resp: 2126
Ion Ratio Lower Upper
278 100
139 58.8 16.4 24.6#
279 78.1 21.8 32.8#

