

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040510.D
 Acq On : 01 Jul 2023 19:14
 Operator : MA/JU
 Sample : 03161-22DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFX8DL

Quant Time: Jul 01 23:48:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

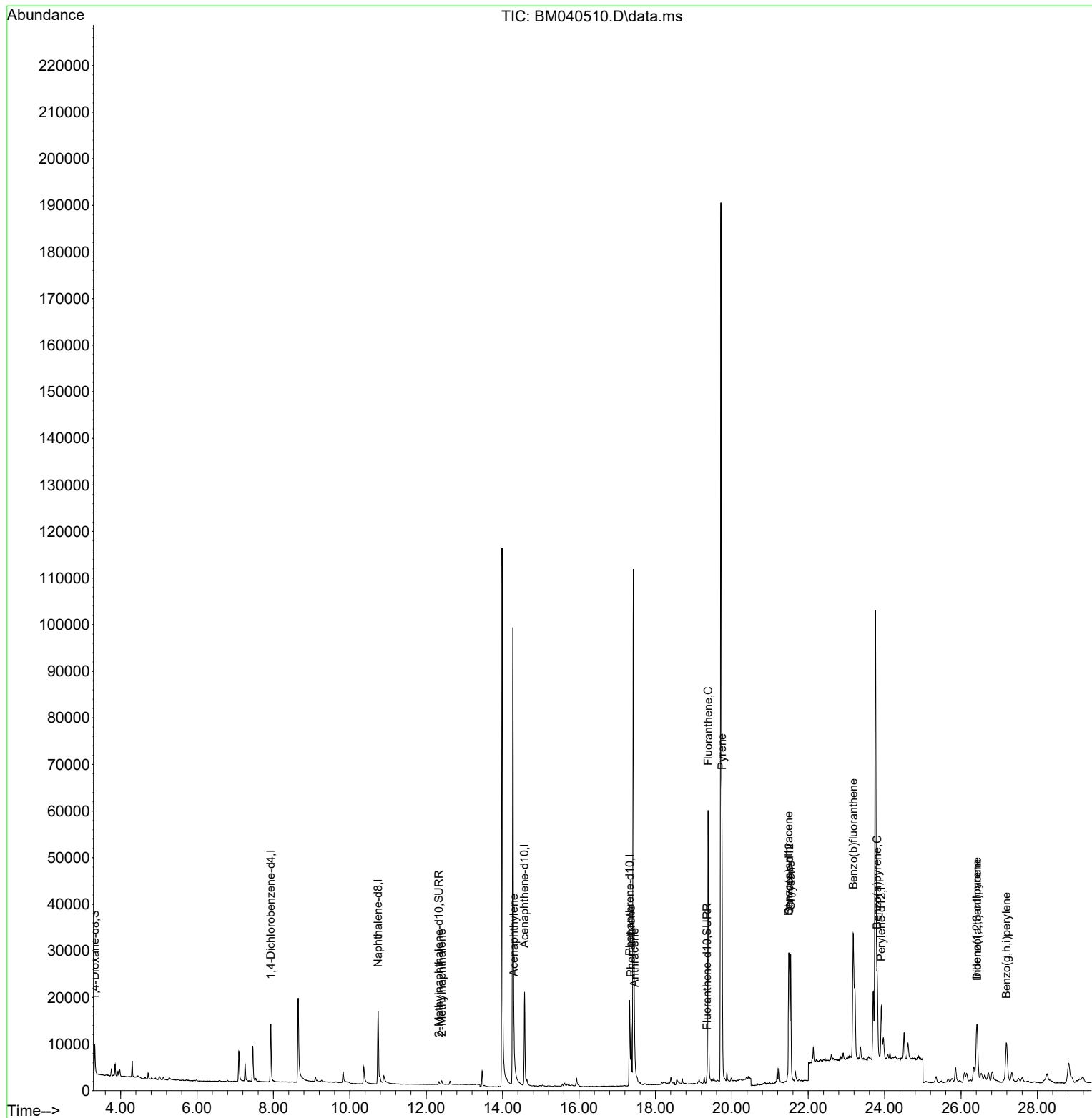
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	6959	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	25389	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.573	164	12453	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	25516	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	18122	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	16621	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	4189	0.383	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	1211	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.347	212	2187	0.038	ng/ul	0.00
Target Compounds						
					Qvalue	
7) 2-Methylnaphthalene	12.406	142	881	0.021	ng/ul	95
10) Acenaphthylene	14.295	152	1586	0.029	ng/ul#	77
15) Phenanthrene	17.362	178	16668	0.210	ng/ul	99
16) Anthracene	17.455	178	1918	0.029	ng/ul#	81
19) Fluoranthene	19.380	202	55870	0.726	ng/ul	98
20) Pyrene	19.742	202	45561	0.552	ng/ul	99
21) Benzo(a)anthracene	21.486	228	22919	0.374	ng/ul	97
22) Chrysene	21.541	228	31097	0.445	ng/ul	97
24) Benzo(b)fluoranthene	23.181	252	47635	0.741	ng/ul	100
26) Benzo(a)pyrene	23.806	252	24824	0.428	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.417	276	23801	0.295	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.420	278	5796	0.092	ng/ul#	67
29) Benzo(g,h,i)perylene	27.188	276	21476	0.304	ng/ul	99

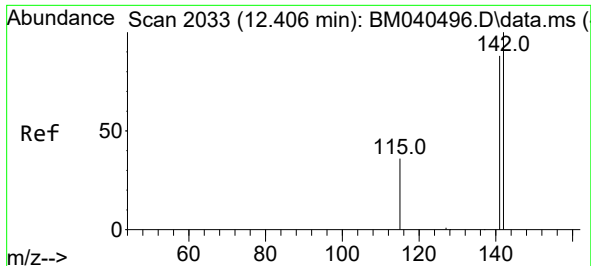
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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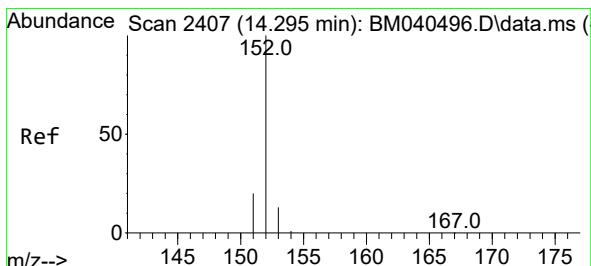
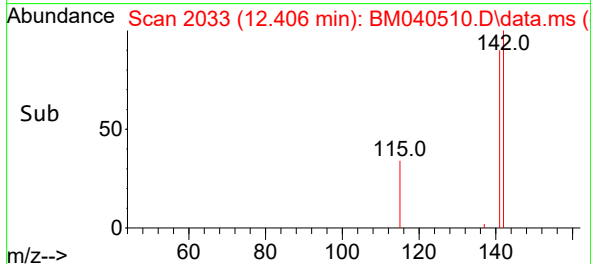
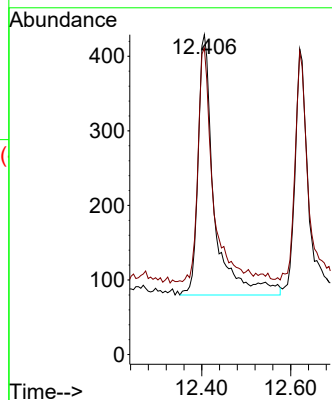
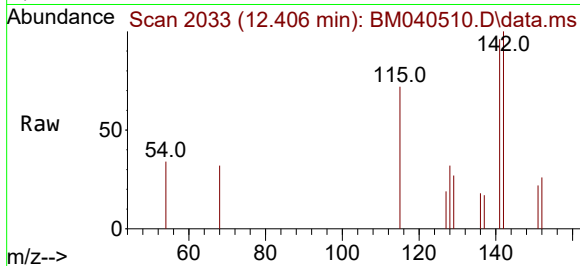




#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM040510.D
Acq: 01 Jul 2023 19:14

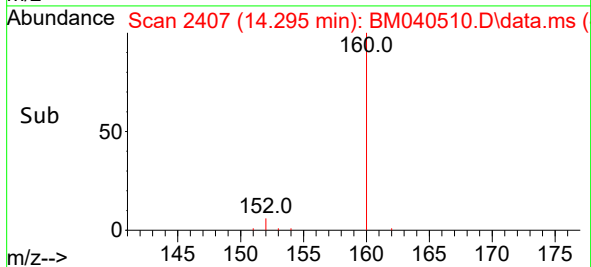
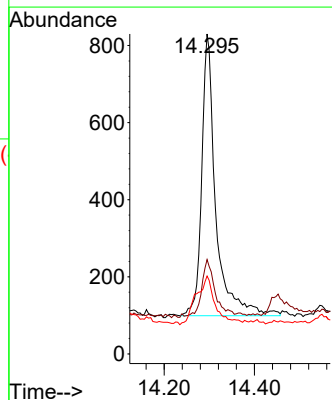
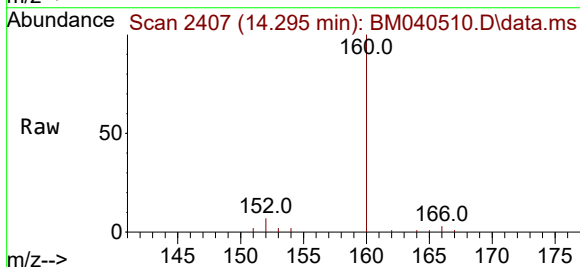
Instrument :
BNA_M
ClientSampleId :
DCFX8DL

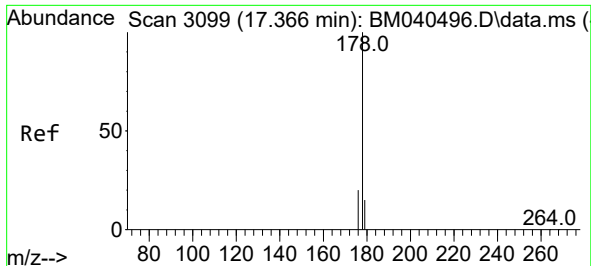
Tgt Ion:142 Resp: 881
Ion Ratio Lower Upper
142 100
141 84.9 71.9 107.9



#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.004 min
Lab File: BM040510.D
Acq: 01 Jul 2023 19:14

Tgt Ion:152 Resp: 1586
Ion Ratio Lower Upper
152 100
151 29.5 16.2 24.2#
153 24.3 10.9 16.3#

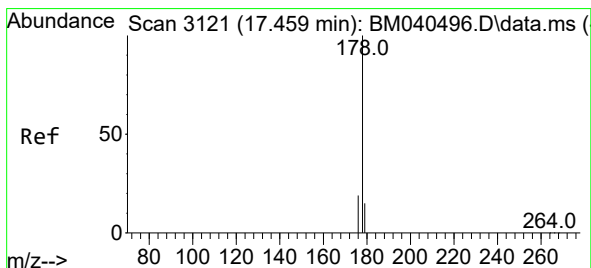
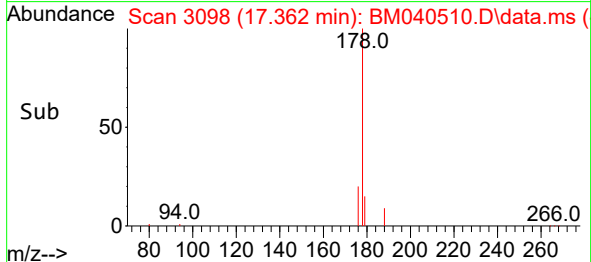
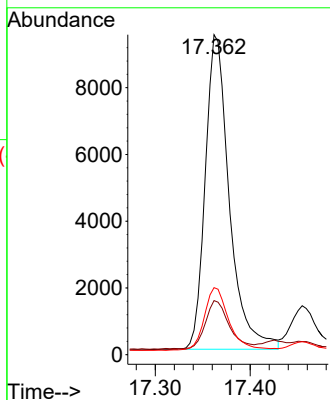
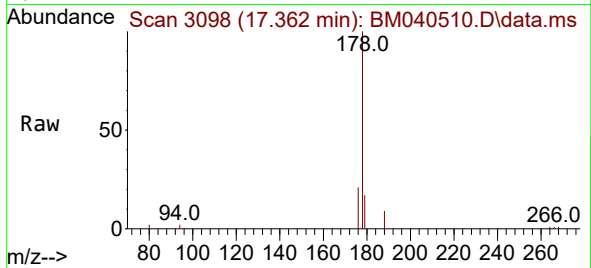




#15
Phenanthrene
Concen: 0.210 ng/ul
RT: 17.362 min Scan# 3099
Delta R.T. -0.008 min
Lab File: BM040510.D
Acq: 01 Jul 2023 19:14

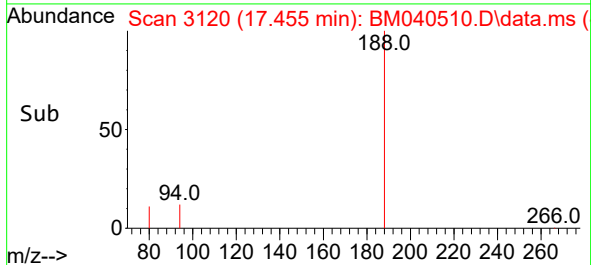
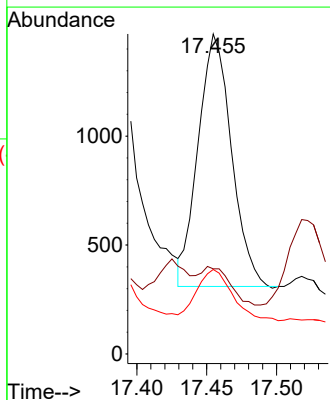
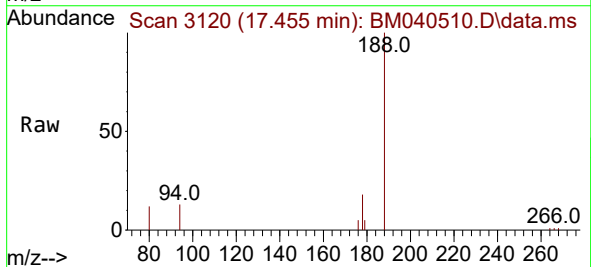
Instrument :
BNA_M
ClientSampleId :
DCFX8DL

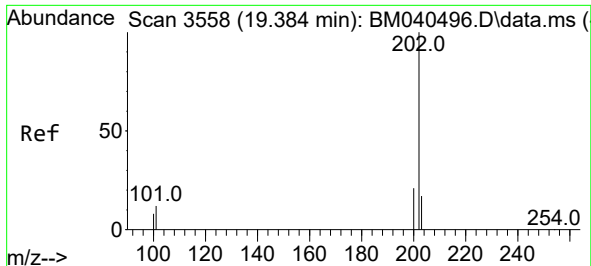
Tgt Ion:178 Resp: 16668
Ion Ratio Lower Upper
178 100
179 16.9 12.8 19.2
176 21.0 16.4 24.6



#16
Anthracene
Concen: 0.029 ng/ul
RT: 17.455 min Scan# 3120
Delta R.T. -0.008 min
Lab File: BM040510.D
Acq: 01 Jul 2023 19:14

Tgt Ion:178 Resp: 1918
Ion Ratio Lower Upper
178 100
179 26.6 12.9 19.3#
176 26.4 15.8 23.6#

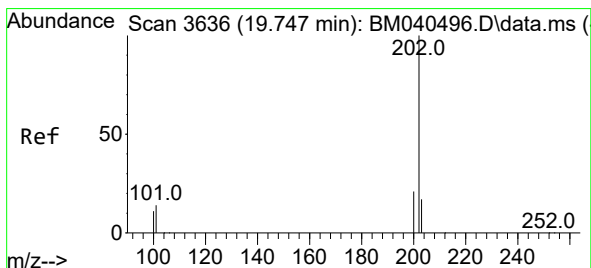
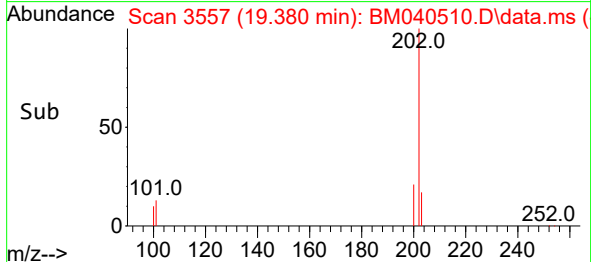
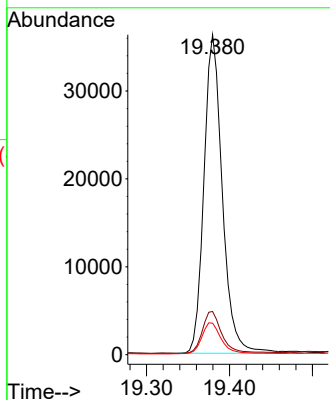
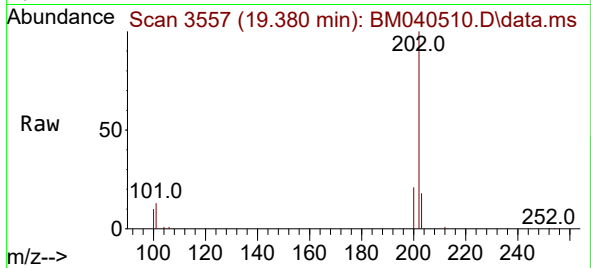




#19
Fluoranthene
Concen: 0.726 ng/ul
RT: 19.380 min Scan# 3558
Delta R.T. -0.004 min
Lab File: BM040510.D
Acq: 01 Jul 2023 19:14

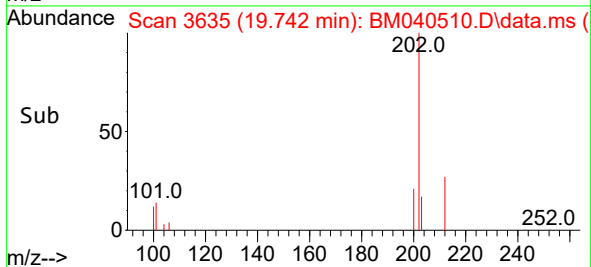
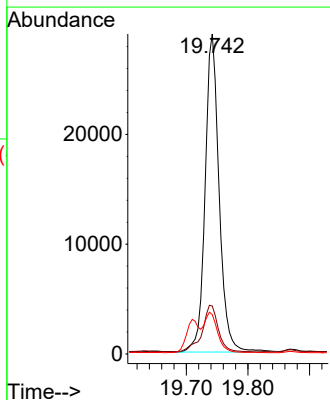
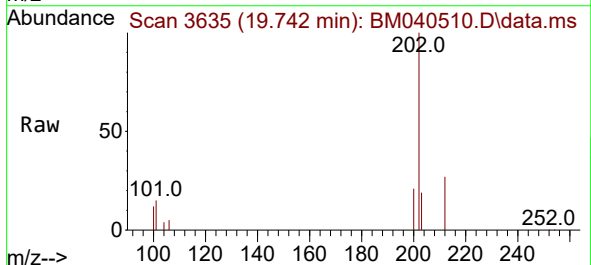
Instrument :
BNA_M
ClientSampleId :
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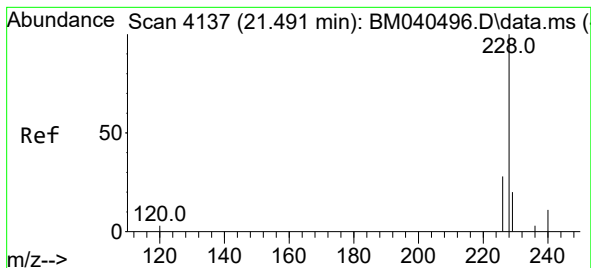
Tgt Ion:202 Resp: 55870
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.0
100 9.9 8.7 13.1



#20
Pyrene
Concen: 0.552 ng/ul
RT: 19.742 min Scan# 3635
Delta R.T. -0.004 min
Lab File: BM040510.D
Acq: 01 Jul 2023 19:14

Tgt Ion:202 Resp: 45561
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.3 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.374 ng/ul

RT: 21.486 min Scan# 4135

Delta R.T. -0.006 min

Lab File: BM040510.D

Acq: 01 Jul 2023 19:14

Instrument :

BNA_M

ClientSampleId :

DCFX8DL

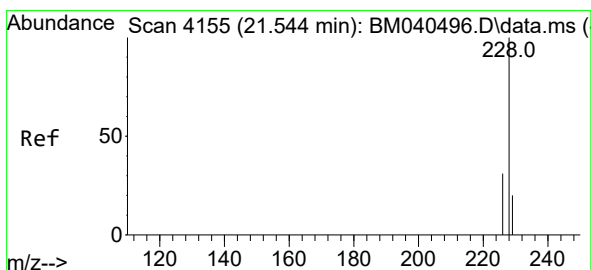
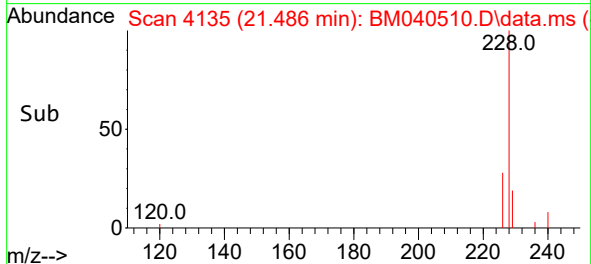
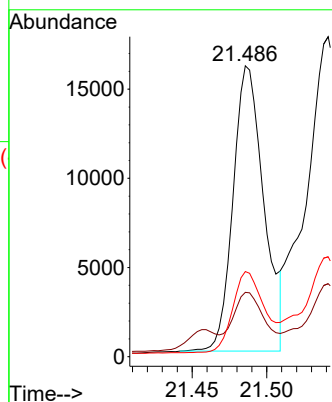
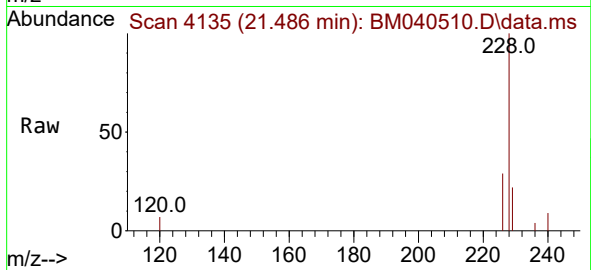
Tgt Ion:228 Resp: 22919

Ion Ratio Lower Upper

228 100

229 22.1 16.0 24.0

226 29.2 22.3 33.5



#22

Chrysene

Concen: 0.445 ng/ul

RT: 21.541 min Scan# 4154

Delta R.T. -0.003 min

Lab File: BM040510.D

Acq: 01 Jul 2023 19:14

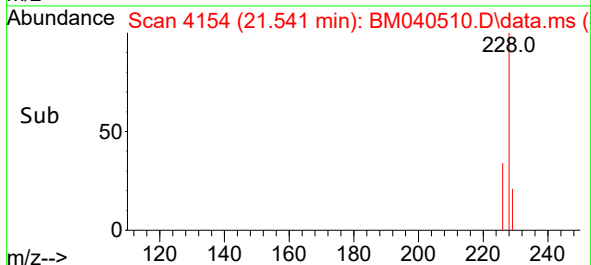
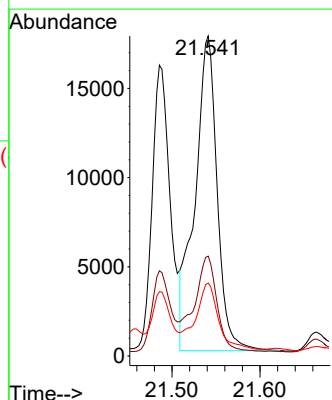
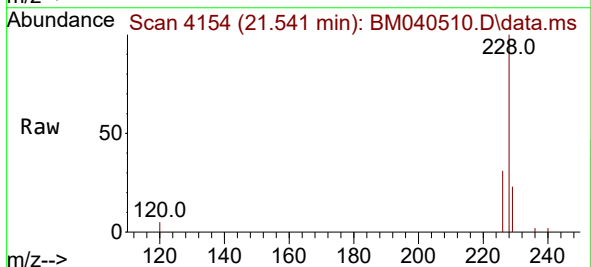
Tgt Ion:228 Resp: 31097

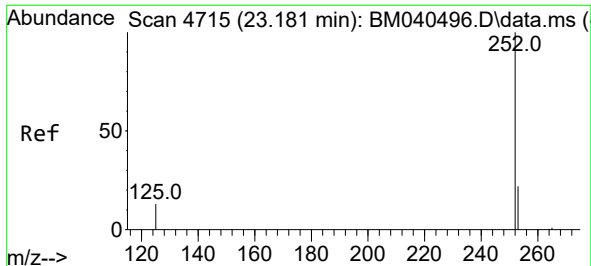
Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

229 22.8 15.8 23.6

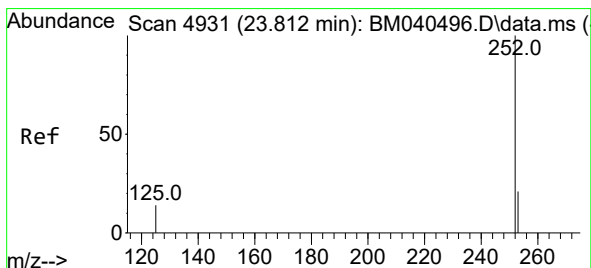
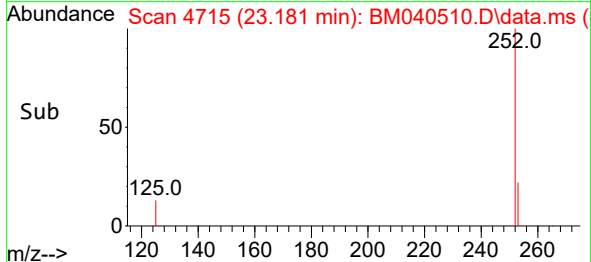
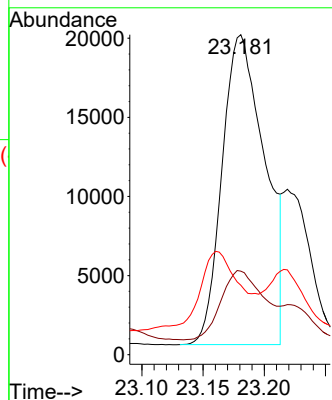
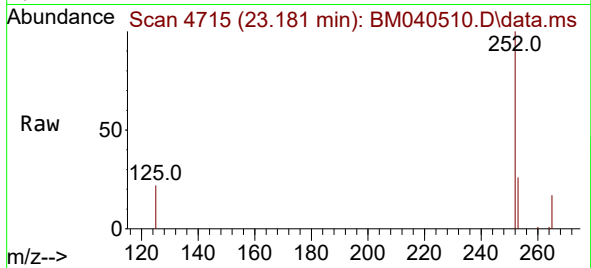




#24
Benzo(b)fluoranthene
Concen: 0.741 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040510.D
Acq: 01 Jul 2023 19:14

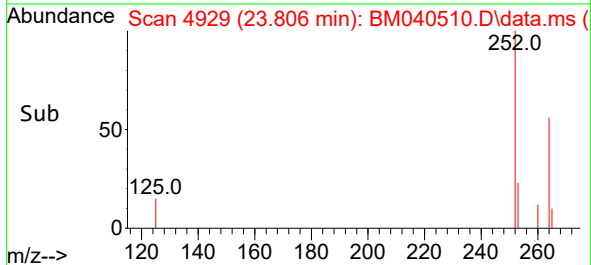
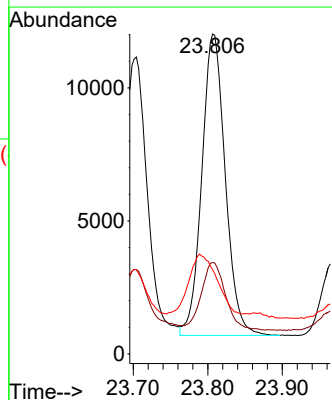
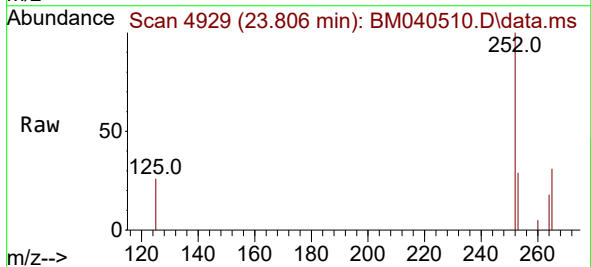
Instrument :
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DCFX8DL

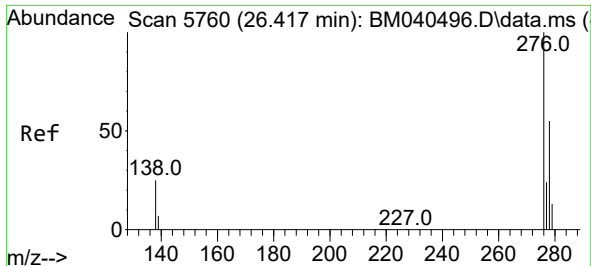
Tgt Ion:252 Resp: 47635
Ion Ratio Lower Upper
252 100
253 26.1 0.0 52.8
125 21.7 0.0 43.0



#26
Benzo(a)pyrene
Concen: 0.428 ng/ul
RT: 23.806 min Scan# 4929
Delta R.T. -0.006 min
Lab File: BM040510.D
Acq: 01 Jul 2023 19:14

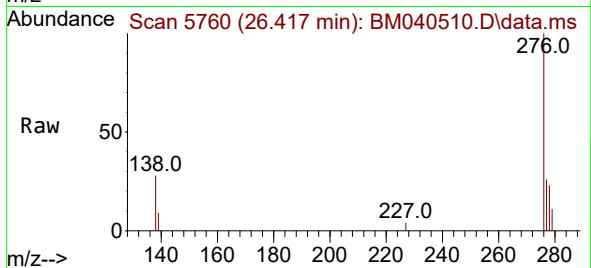
Tgt Ion:252 Resp: 24824
Ion Ratio Lower Upper
252 100
253 28.6 22.9 34.3
125 26.3 21.0 31.4



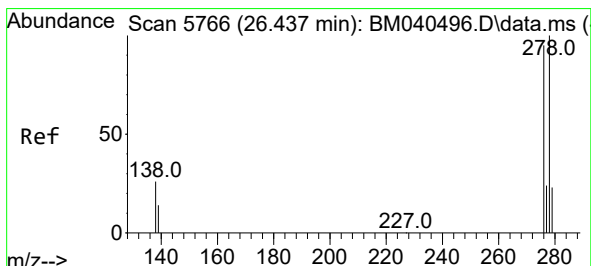
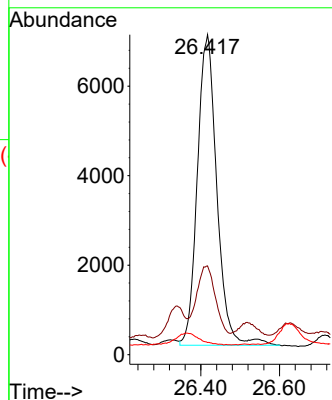
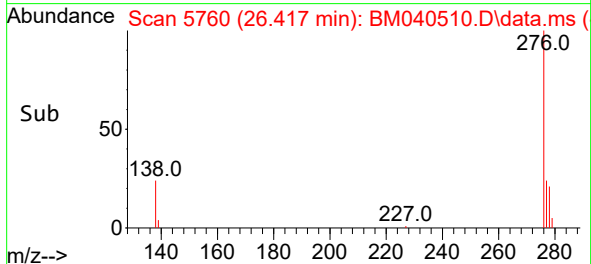


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.295 ng/ul
 RT: 26.417 min Scan# 5760
 Delta R.T. -0.003 min
 Lab File: BM040510.D
 Acq: 01 Jul 2023 19:14

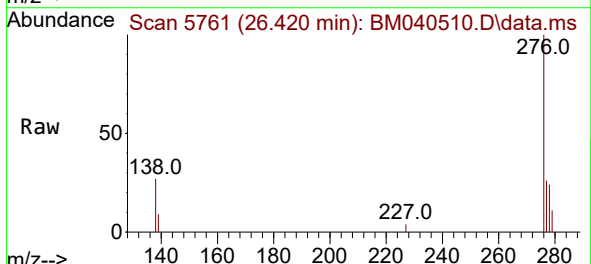
Instrument :
 BNA_M
 ClientSampleId :
 DCFX8DL



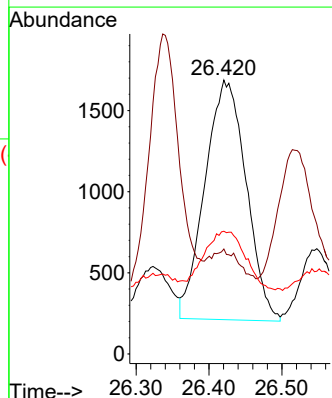
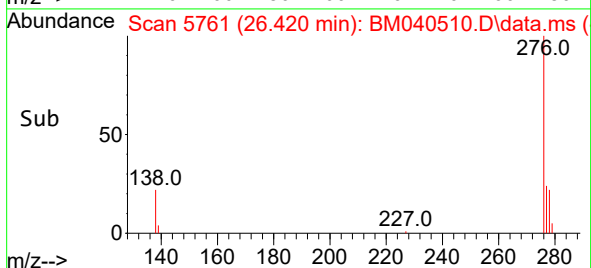
Tgt Ion: 276 Resp: 23801
 Ion Ratio Lower Upper
 276 100
 138 22.0 24.5 36.7#
 227 0.0 0.1 0.1#

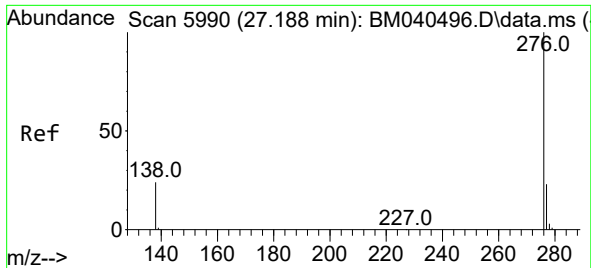


#28
 Dibenzo(a,h)anthracene
 Concen: 0.092 ng/ul
 RT: 26.420 min Scan# 5761
 Delta R.T. -0.017 min
 Lab File: BM040510.D
 Acq: 01 Jul 2023 19:14



Tgt Ion: 278 Resp: 5796
 Ion Ratio Lower Upper
 278 100
 139 38.3 17.9 26.9#
 279 44.8 22.0 33.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.304 ng/ul
 RT: 27.188 min Scan# 5990
 Delta R.T. 0.004 min
 Lab File: BM040510.D
 Acq: 01 Jul 2023 19:14

Instrument :
 BNA_M
 ClientSampleId :
 DCFX8DL

Tgt Ion:	276	Resp:	21476
Ion Ratio	Lower	Upper	
276	100		
138	28.7	23.0	34.6
277	26.2	20.3	30.5

