

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043027.D
 Acq On : 25 Nov 2023 22:16
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK274

Quant Time: Nov 27 02:45:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

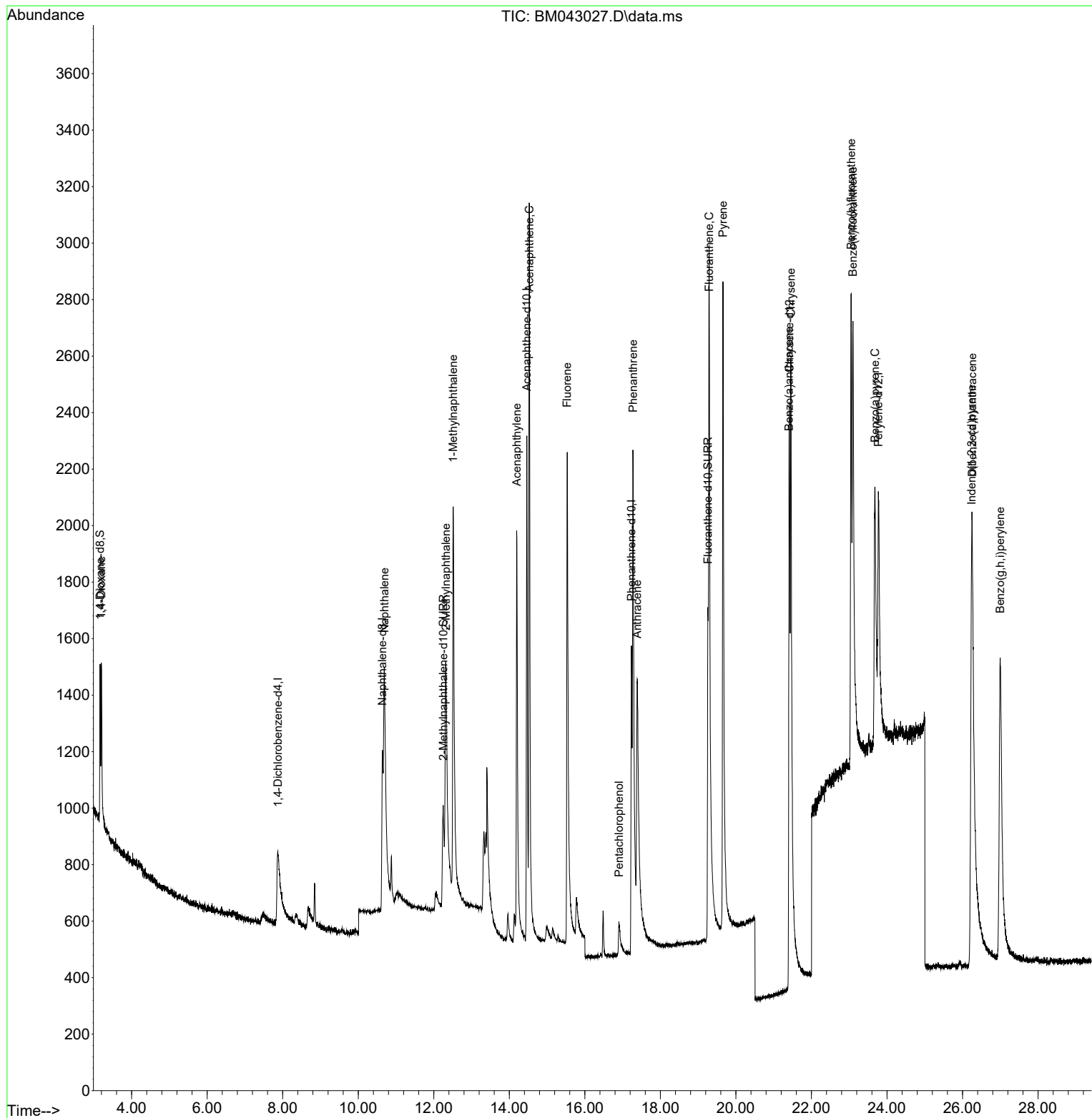
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.872	152	639	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	2095	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.464	164	1222	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.233	188	2603	0.400	ng/ul	0.00
17) Chrysene-d12	21.418	240	1475	0.400	ng/ul	0.00
23) Perylene-d12	23.771	264	1833	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	431	0.440	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.250	152	1209	0.431	ng/ul	0.00
18) Fluoranthene-d10	19.261	212	2392	0.445	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.198	88	443	0.421	ng/ul	98
5) Naphthalene	10.694	128	2315	0.407	ng/ul	97
7) 2-Methylnaphthalene	12.321	142	1413	0.421	ng/ul	99
8) 1-Methylnaphthalene	12.514	142	1529	0.408	ng/ul	97
10) Acenaphthylene	14.196	152	2610	0.418	ng/ul	97
11) Acenaphthene	14.529	153	2015	0.426	ng/ul	98
12) Fluorene	15.533	166	2130	0.439	ng/ul	100
14) Pentachlorophenol	16.904	266	222	0.315	ng/ul	85
15) Phenanthrene	17.275	178	3032	0.408	ng/ul	99
16) Anthracene	17.385	178	2980	0.423	ng/ul	98
19) Fluoranthene	19.289	202	3674	0.439	ng/ul	99
20) Pyrene	19.656	202	3873	0.436	ng/ul	98
21) Benzo(a)anthracene	21.406	228	2080	0.435	ng/ul	98
22) Chrysene	21.456	228	3685	0.413	ng/ul	99
24) Benzo(b)fluoranthene	23.052	252	2783	0.450	ng/ul	97
25) Benzo(k)fluoranthene	23.099	252	3814	0.448	ng/ul	98
26) Benzo(a)pyrene	23.683	252	2896	0.429	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.239	276	4055	0.444	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.256	278	3154	0.446	ng/ul	95
29) Benzo(g,h,i)perylene	26.997	276	3920	0.441	ng/ul	96

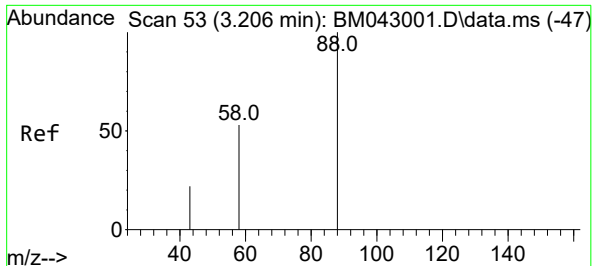
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
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Sample : SSTDCCC0.4
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
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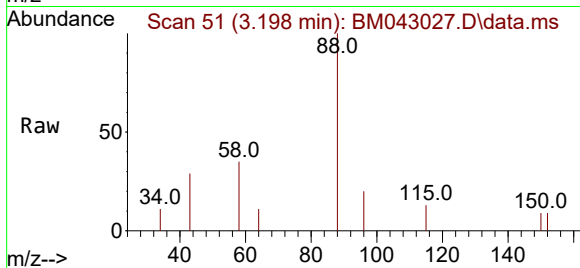
Quant Time: Nov 27 02:45:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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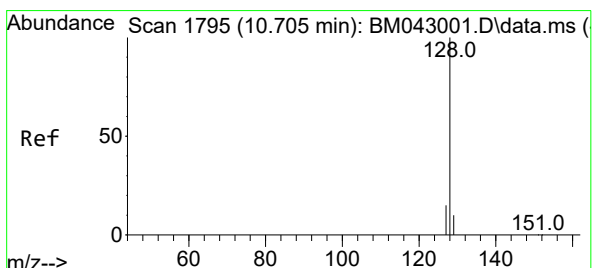
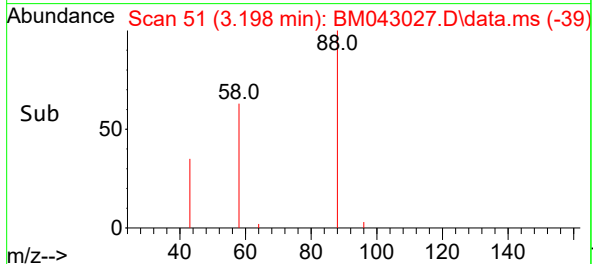
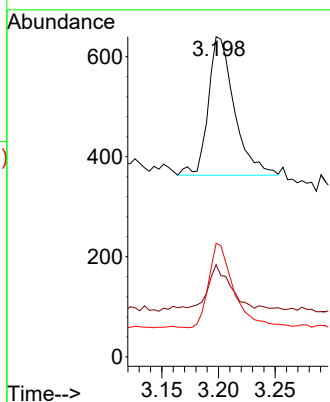


#2
1,4-Dioxane
Concen: 0.421 ng/ul
RT: 3.198 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM043027.D
Acq: 25 Nov 2023 22:16

Instrument :
BNA_M
ClientSampleId :
SBLK274

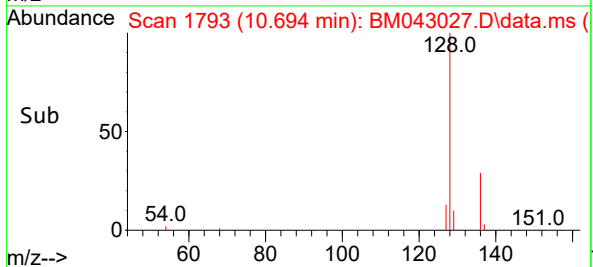
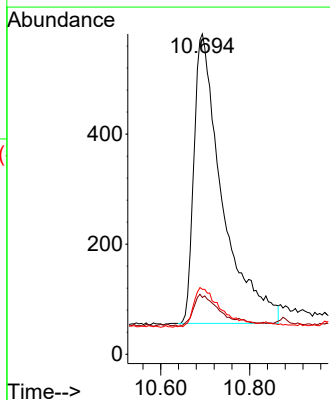
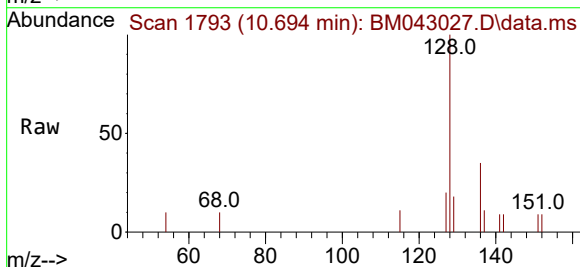


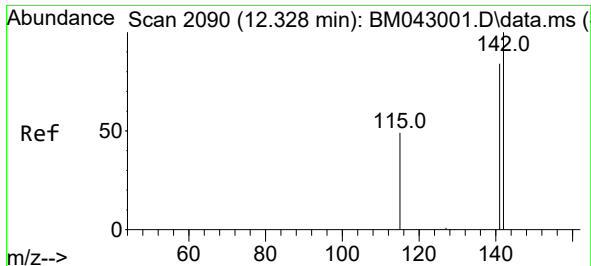
Tgt Ion:	88	Resp:	443
Ion Ratio	100	Lower	Upper
88	100		
43	28.7	22.8	34.2
58	35.5	26.8	40.2



#5
Naphthalene
Concen: 0.407 ng/ul
RT: 10.694 min Scan# 1793
Delta R.T. -0.005 min
Lab File: BM043027.D
Acq: 25 Nov 2023 22:16

Tgt Ion:	128	Resp:	2315
Ion Ratio	100	Lower	Upper
128	100		
129	17.7	16.0	24.0
127	20.3	16.5	24.7

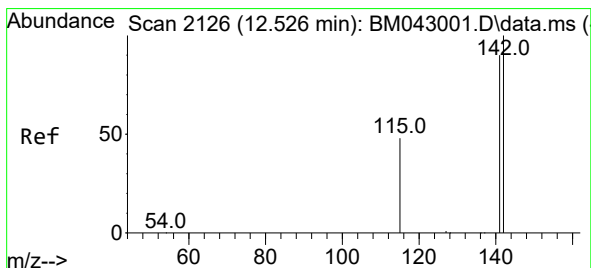
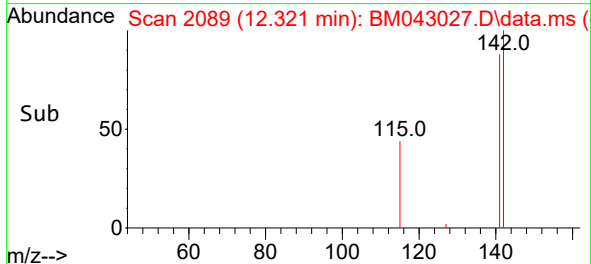
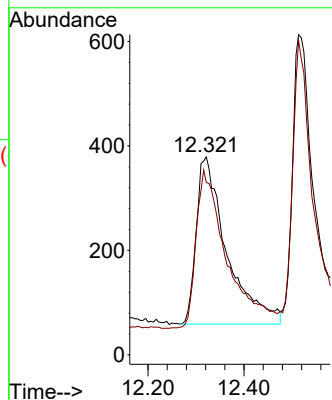
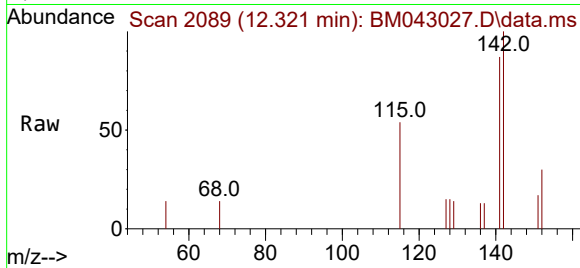




#7
2-Methylnaphthalene
Concen: 0.421 ng/ul
RT: 12.321 min Scan# 2090
Delta R.T. -0.011 min
Lab File: BM043027.D
Acq: 25 Nov 2023 22:16

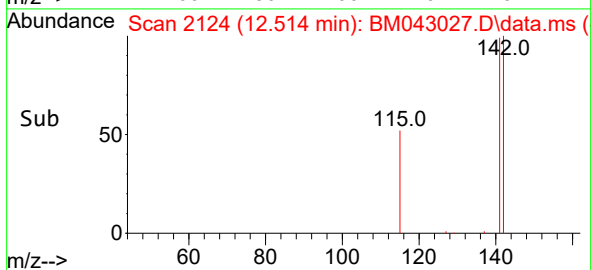
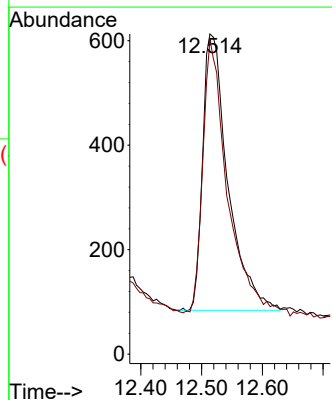
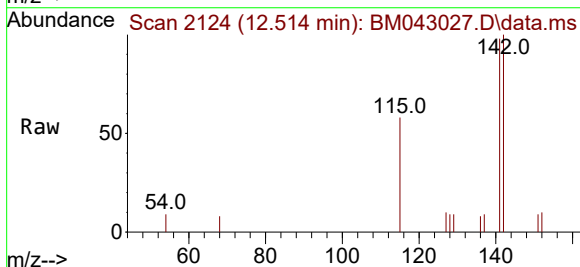
Instrument :
BNA_M
ClientSampleId :
SBLK274

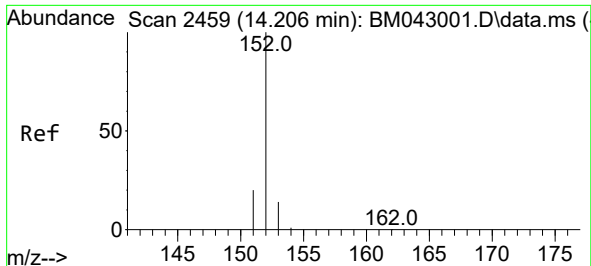
Tgt Ion:142 Resp: 1413
Ion Ratio Lower Upper
142 100
141 96.5 76.1 114.1



#8
1-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.514 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BM043027.D
Acq: 25 Nov 2023 22:16

Tgt Ion:142 Resp: 1529
Ion Ratio Lower Upper
142 100
141 95.2 73.8 110.8

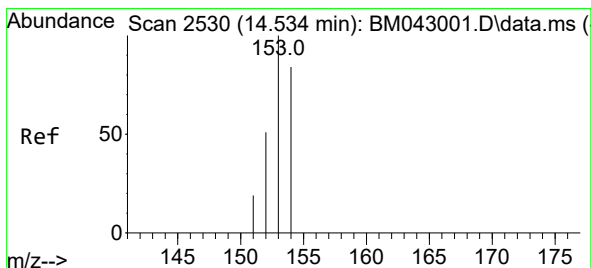
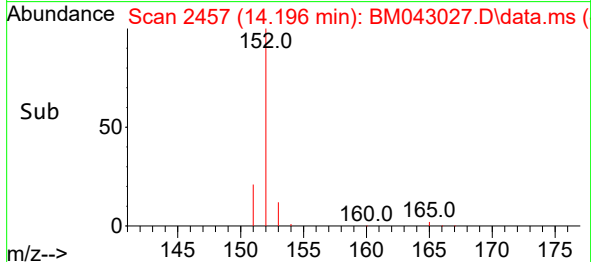
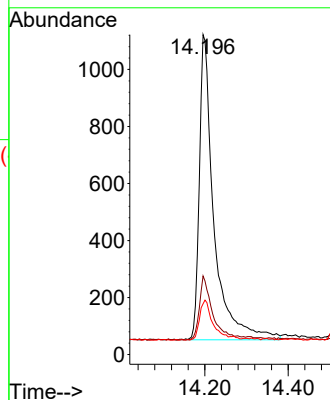
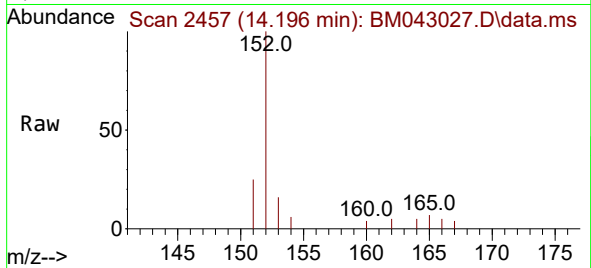




#10
Acenaphthylene
Concen: 0.418 ng/ul
RT: 14.196 min Scan# 2459
Delta R.T. -0.009 min
Lab File: BM043027.D
Acq: 25 Nov 2023 22:16

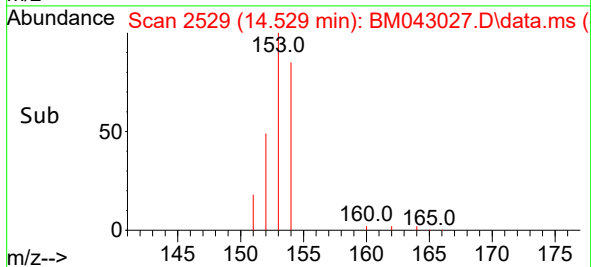
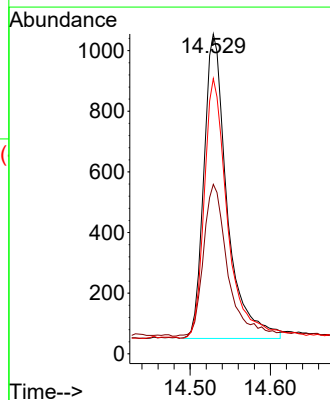
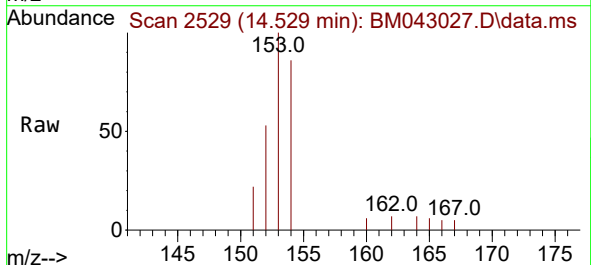
Instrument :
BNA_M
ClientSampleId :
SBLK274

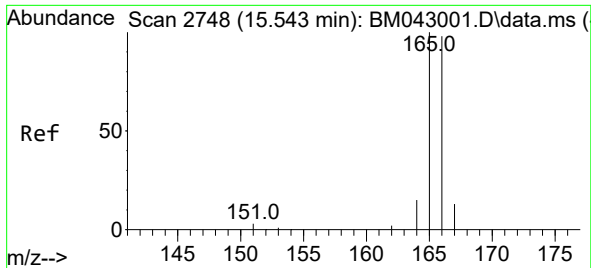
Tgt Ion:152 Resp: 2610
Ion Ratio Lower Upper
152 100
151 24.6 19.4 29.0
153 15.9 14.6 21.8



#11
Acenaphthene
Concen: 0.426 ng/ul
RT: 14.529 min Scan# 2529
Delta R.T. -0.004 min
Lab File: BM043027.D
Acq: 25 Nov 2023 22:16

Tgt Ion:153 Resp: 2015
Ion Ratio Lower Upper
153 100
152 53.0 43.9 65.9
154 86.1 70.6 105.8

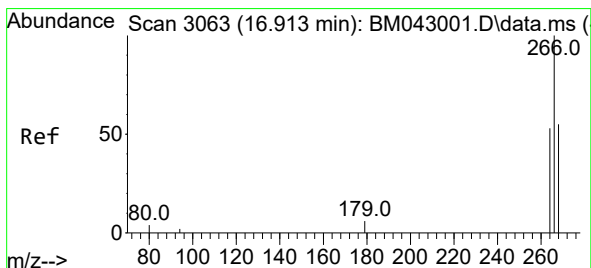
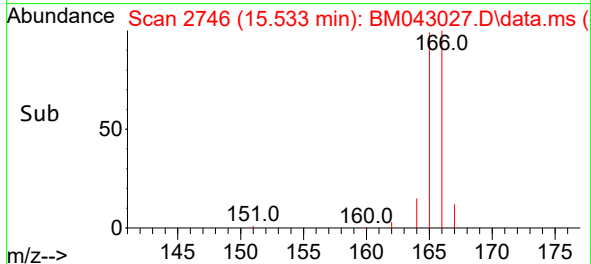
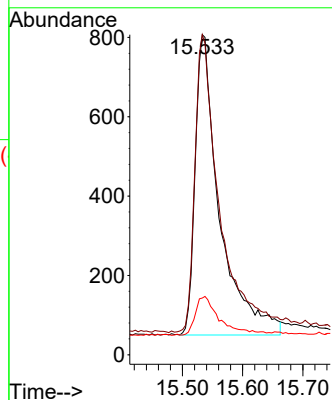
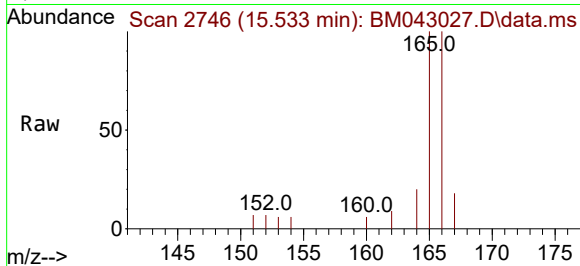




#12
Fluorene
Concen: 0.439 ng/ul
RT: 15.533 min Scan# 2130
Delta R.T. -0.004 min
Lab File: BM043027.D
Acq: 25 Nov 2023 22:16

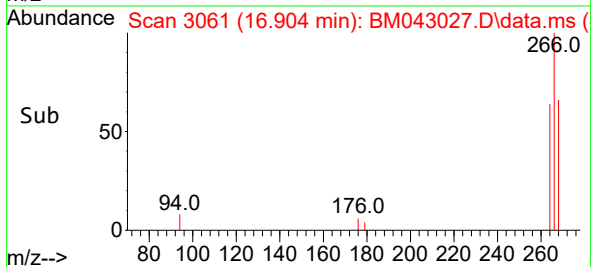
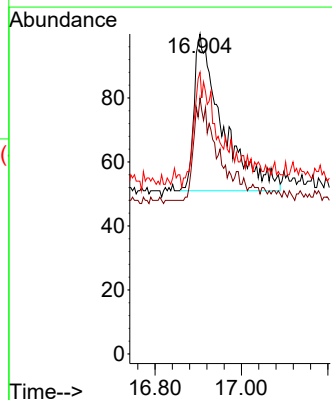
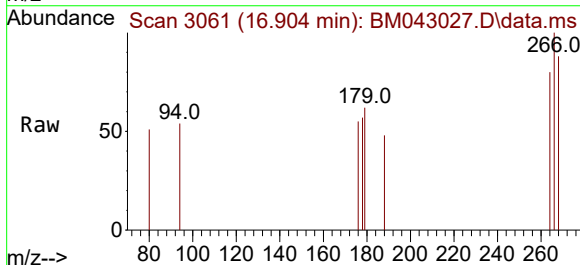
Instrument :
BNA_M
ClientSampleId :
SBLK274

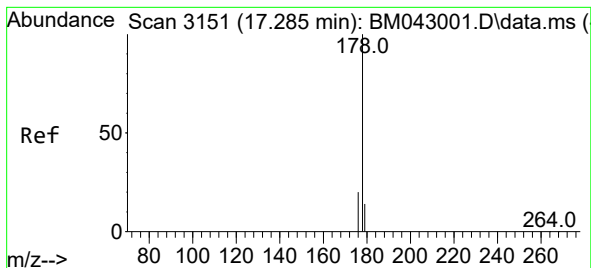
Tgt Ion:	166	Resp:	2130
Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.9	119.9
167	17.7	14.2	21.4



#14
Pentachlorophenol
Concen: 0.315 ng/ul
RT: 16.904 min Scan# 3061
Delta R.T. -0.008 min
Lab File: BM043027.D
Acq: 25 Nov 2023 22:16

Tgt Ion:	266	Resp:	222
Ion	Ratio	Lower	Upper
266	100		
264	49.1	48.8	73.2
268	75.7	51.8	77.6





#15

Phenanthrene

Concen: 0.408 ng/ul

RT: 17.275 min Scan# 31

Delta R.T. -0.004 min

Lab File: BM043027.D

Acq: 25 Nov 2023 22:16

Instrument :

BNA_M

ClientSampleId :

SBLK274

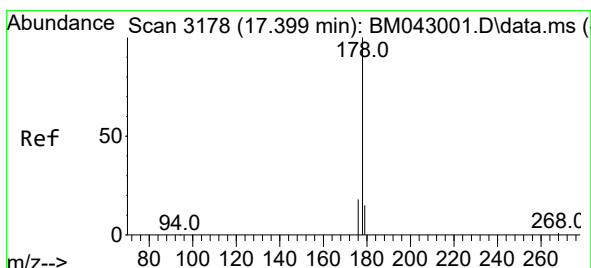
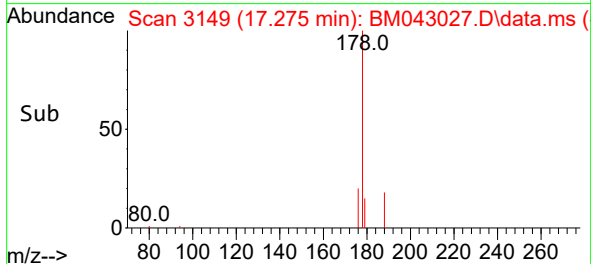
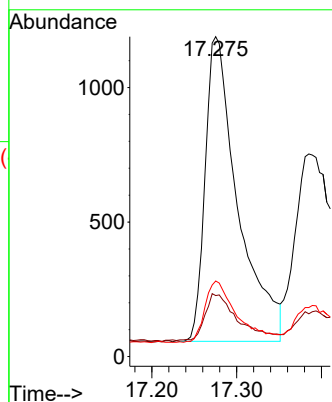
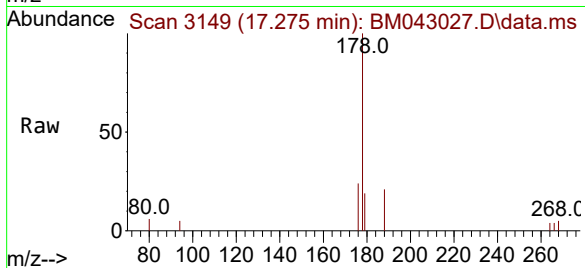
Tgt Ion:178 Resp: 3032

Ion Ratio Lower Upper

178 100

179 19.1 15.7 23.5

176 23.6 18.9 28.3



#16

Anthracene

Concen: 0.423 ng/ul

RT: 17.385 min Scan# 3175

Delta R.T. -0.008 min

Lab File: BM043027.D

Acq: 25 Nov 2023 22:16

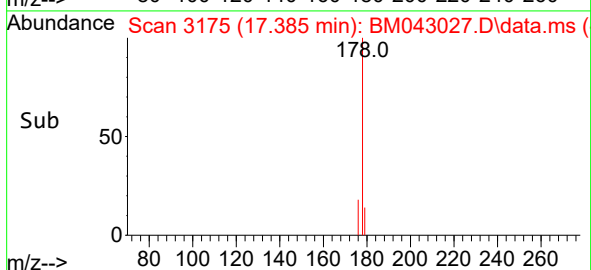
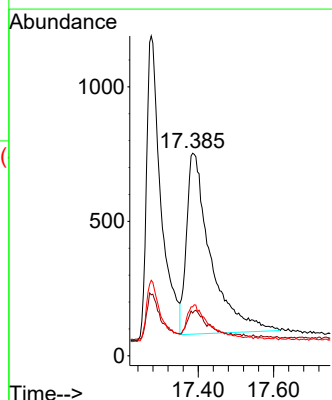
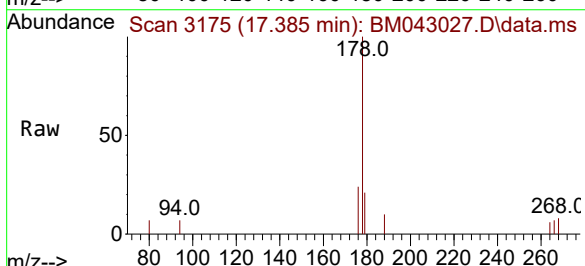
Tgt Ion:178 Resp: 2980

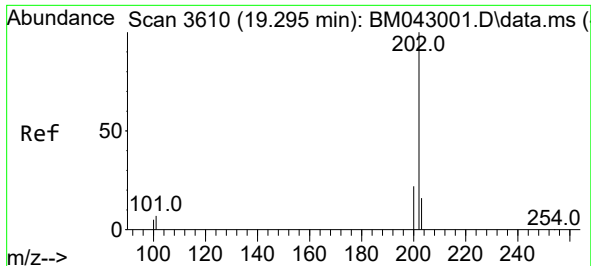
Ion Ratio Lower Upper

178 100

179 21.1 17.3 25.9

176 24.2 20.5 30.7

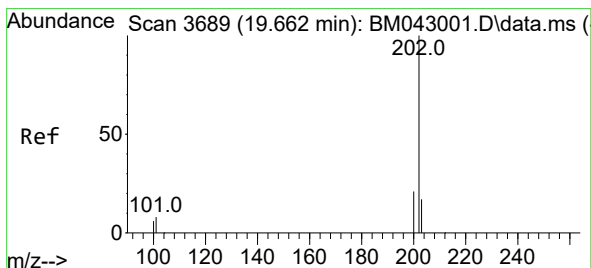
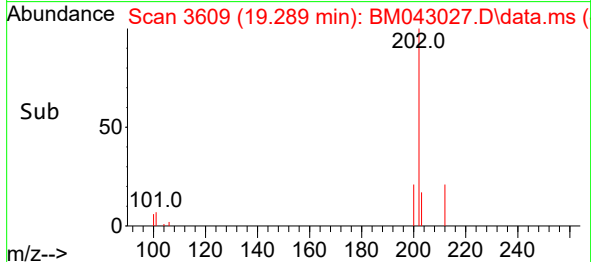
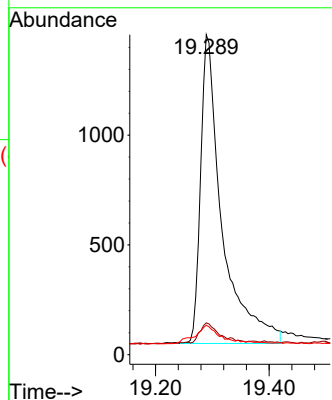
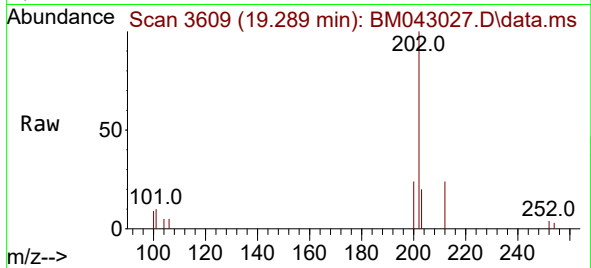




#19
Fluoranthene
Concen: 0.439 ng/ul
RT: 19.289 min Scan# 3609
Delta R.T. -0.004 min
Lab File: BM043027.D
Acq: 25 Nov 2023 22:16

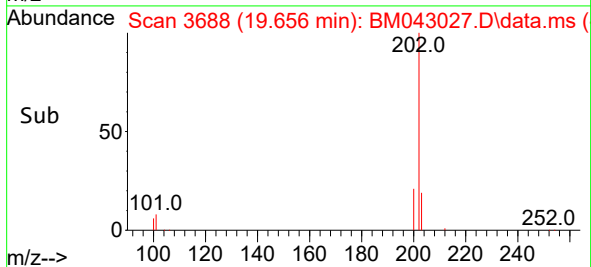
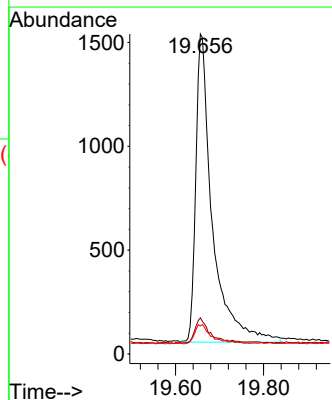
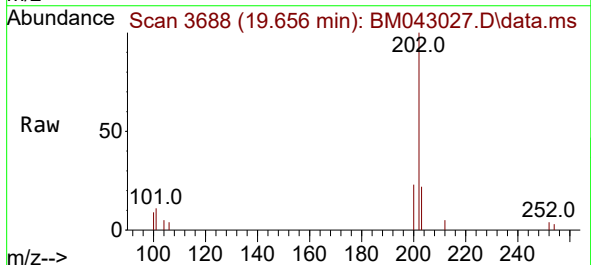
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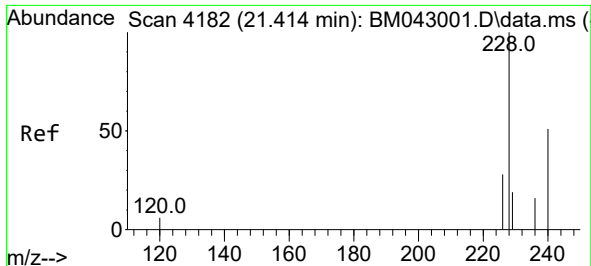
Tgt Ion:202 Resp: 3674
Ion Ratio Lower Upper
202 100
101 9.9 7.8 11.8
100 9.2 7.1 10.7



#20
Pyrene
Concen: 0.436 ng/ul
RT: 19.656 min Scan# 3688
Delta R.T. -0.004 min
Lab File: BM043027.D
Acq: 25 Nov 2023 22:16

Tgt Ion:202 Resp: 3873
Ion Ratio Lower Upper
202 100
101 11.3 8.7 13.1
100 8.8 7.8 11.8

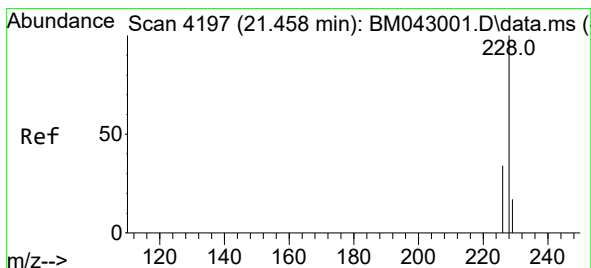
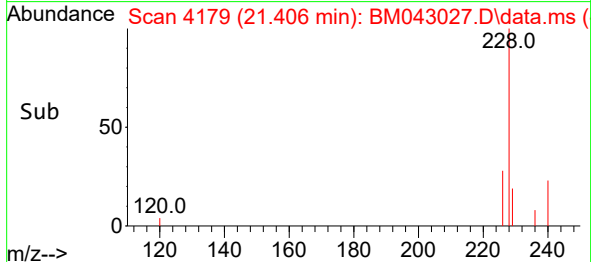
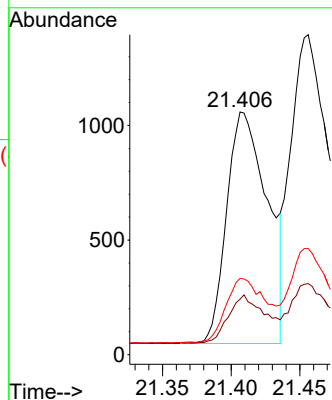
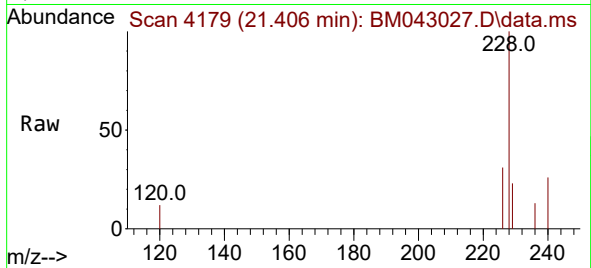




#21
Benzo(a)anthracene
Concen: 0.435 ng/ul
RT: 21.406 min Scan# 4182
Delta R.T. -0.005 min
Lab File: BM043027.D
Acq: 25 Nov 2023 22:16

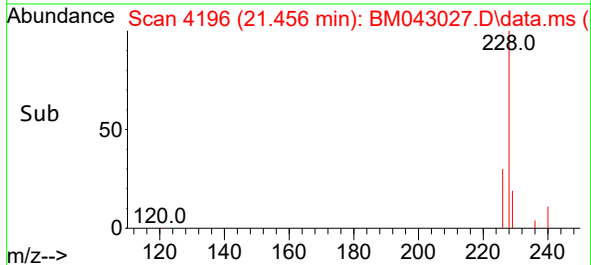
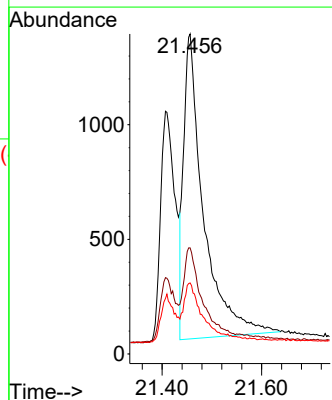
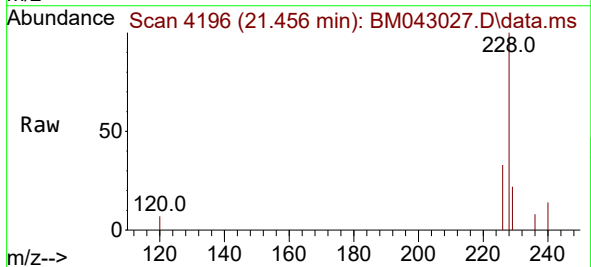
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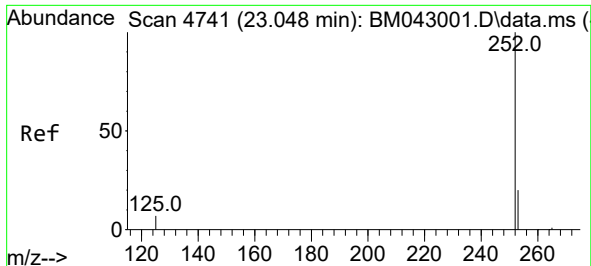
Tgt Ion:228 Resp: 2080
Ion Ratio Lower Upper
228 100
229 22.9 19.4 29.0
226 31.4 24.9 37.3



#22
Chrysene
Concen: 0.413 ng/ul
RT: 21.456 min Scan# 4196
Delta R.T. -0.002 min
Lab File: BM043027.D
Acq: 25 Nov 2023 22:16

Tgt Ion:228 Resp: 3685
Ion Ratio Lower Upper
228 100
226 33.2 27.2 40.8
229 22.2 18.0 27.0

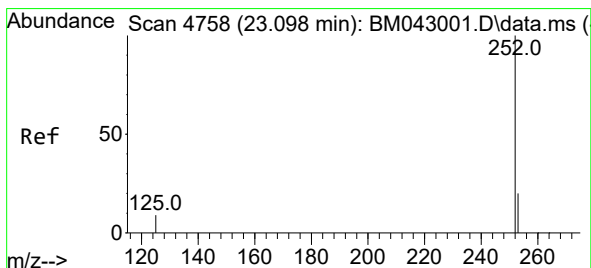
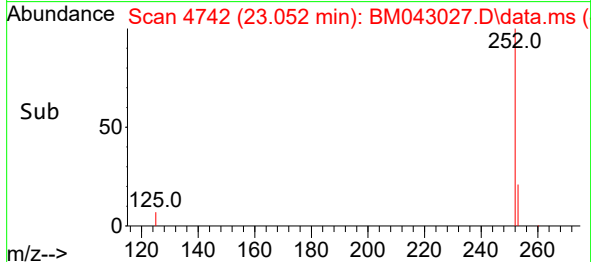
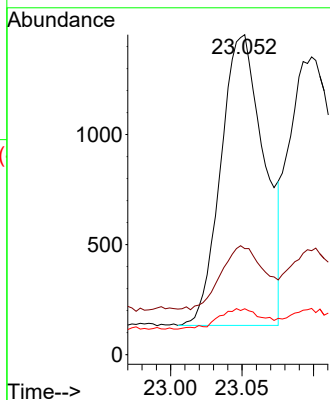
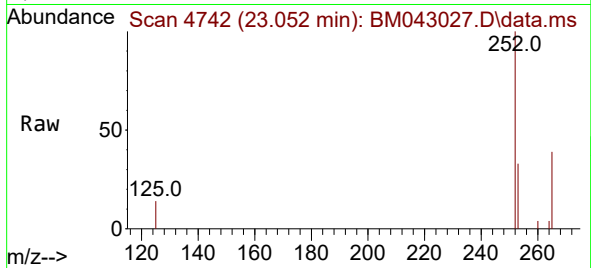




#24
Benzo(b)fluoranthene
Concen: 0.450 ng/ul
RT: 23.052 min Scan# 4741
Delta R.T. 0.000 min
Lab File: BM043027.D
Acq: 25 Nov 2023 22:16

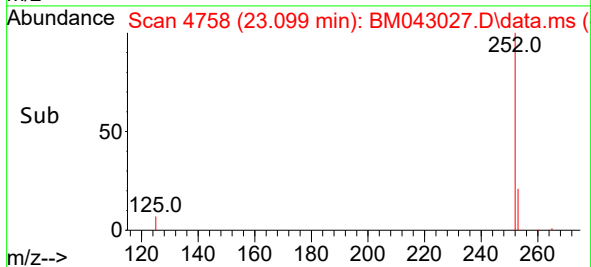
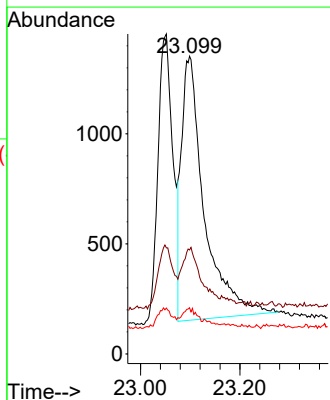
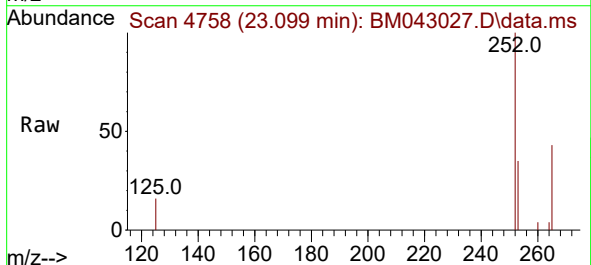
Instrument :
BNA_M
ClientSampleId :
SBLK274

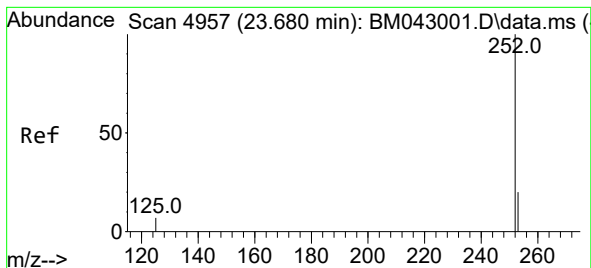
Tgt	Ion:252	Resp:	2783
Ion	Ratio	Lower	Upper
252	100		
253	33.1	0.0	71.8
125	14.3	0.0	29.0



#25
Benzo(k)fluoranthene
Concen: 0.448 ng/ul
RT: 23.099 min Scan# 4758
Delta R.T. 0.000 min
Lab File: BM043027.D
Acq: 25 Nov 2023 22:16

Tgt	Ion:252	Resp:	3814
Ion	Ratio	Lower	Upper
252	100		
253	34.9	28.2	42.2
125	15.5	11.0	16.6





#26

Benzo(a)pyrene

Concen: 0.429 ng/ul

RT: 23.683 min Scan# 4957

Delta R.T. -0.002 min

Lab File: BM043027.D

Acq: 25 Nov 2023 22:16

Instrument :

BNA_M

ClientSampleId :

SBLK274

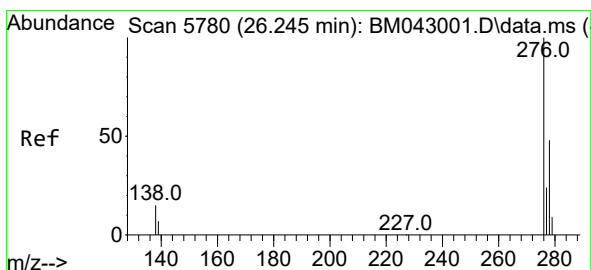
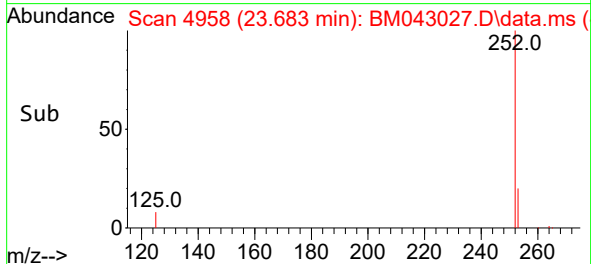
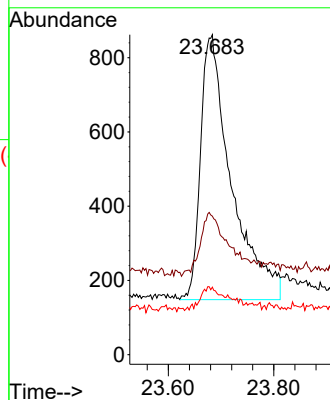
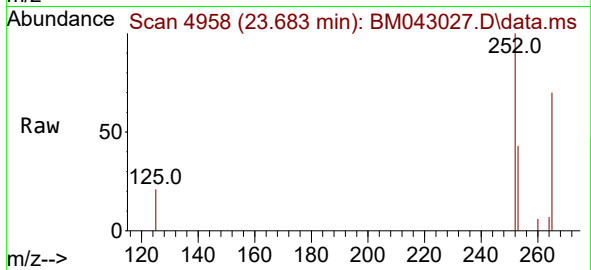
Tgt Ion:252 Resp: 2896

Ion Ratio Lower Upper

252 100

253 43.3 36.6 55.0

125 21.1 16.2 24.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.444 ng/ul

RT: 26.239 min Scan# 5778

Delta R.T. 0.000 min

Lab File: BM043027.D

Acq: 25 Nov 2023 22:16

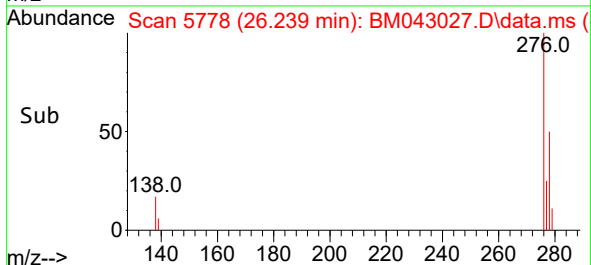
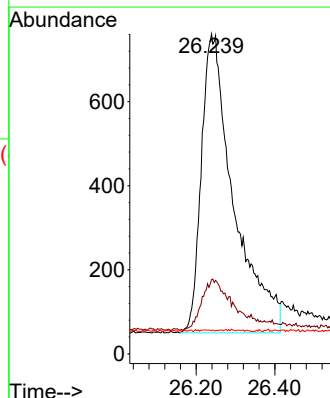
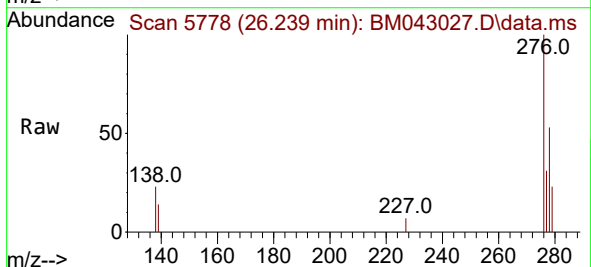
Tgt Ion:276 Resp: 4055

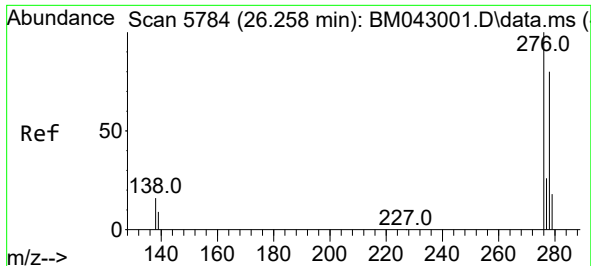
Ion Ratio Lower Upper

276 100

138 18.0 0.0 0.0#

227 0.0 0.2 0.2#

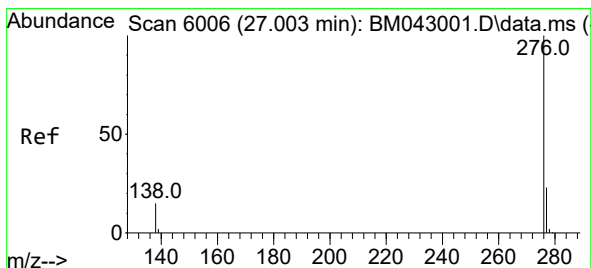
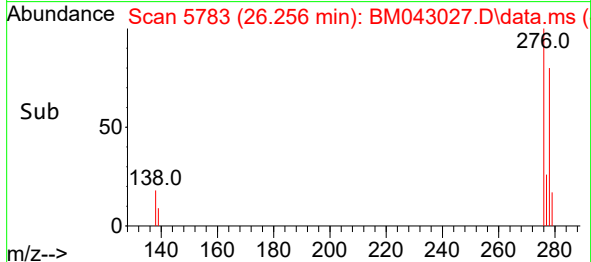
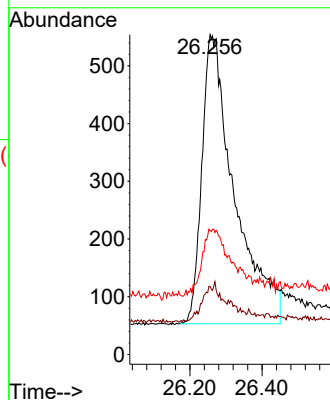
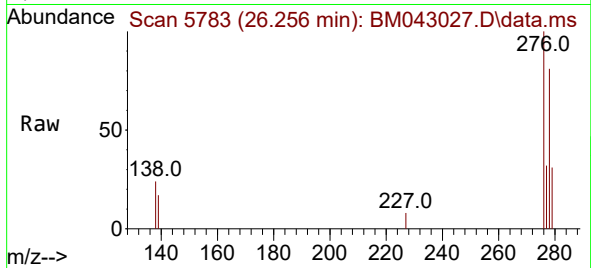




#28
Dibenzo(a,h)anthracene
Concen: 0.446 ng/ul
RT: 26.256 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM043027.D
Acq: 25 Nov 2023 22:16

Instrument :
BNA_M
ClientSampleId :
SBLK274

Tgt Ion:278 Resp: 3154
Ion Ratio Lower Upper
278 100
139 21.3 18.1 27.1
279 38.8 34.4 51.6



#29
Benzo(g,h,i)perylene
Concen: 0.441 ng/ul
RT: 26.997 min Scan# 6004
Delta R.T. -0.013 min
Lab File: BM043027.D
Acq: 25 Nov 2023 22:16

Tgt Ion:276 Resp: 3920
Ion Ratio Lower Upper
276 100
138 20.0 17.8 26.8
277 27.9 23.8 35.8

