

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061423\
 Data File : BM040238.D
 Acq On : 14 Jun 2023 15:08
 Operator : MA/JU
 Sample : SST0.885
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.8018

Quant Time: Jun 15 00:21:20 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 00:19:21 2023
 Response via : Initial Calibration

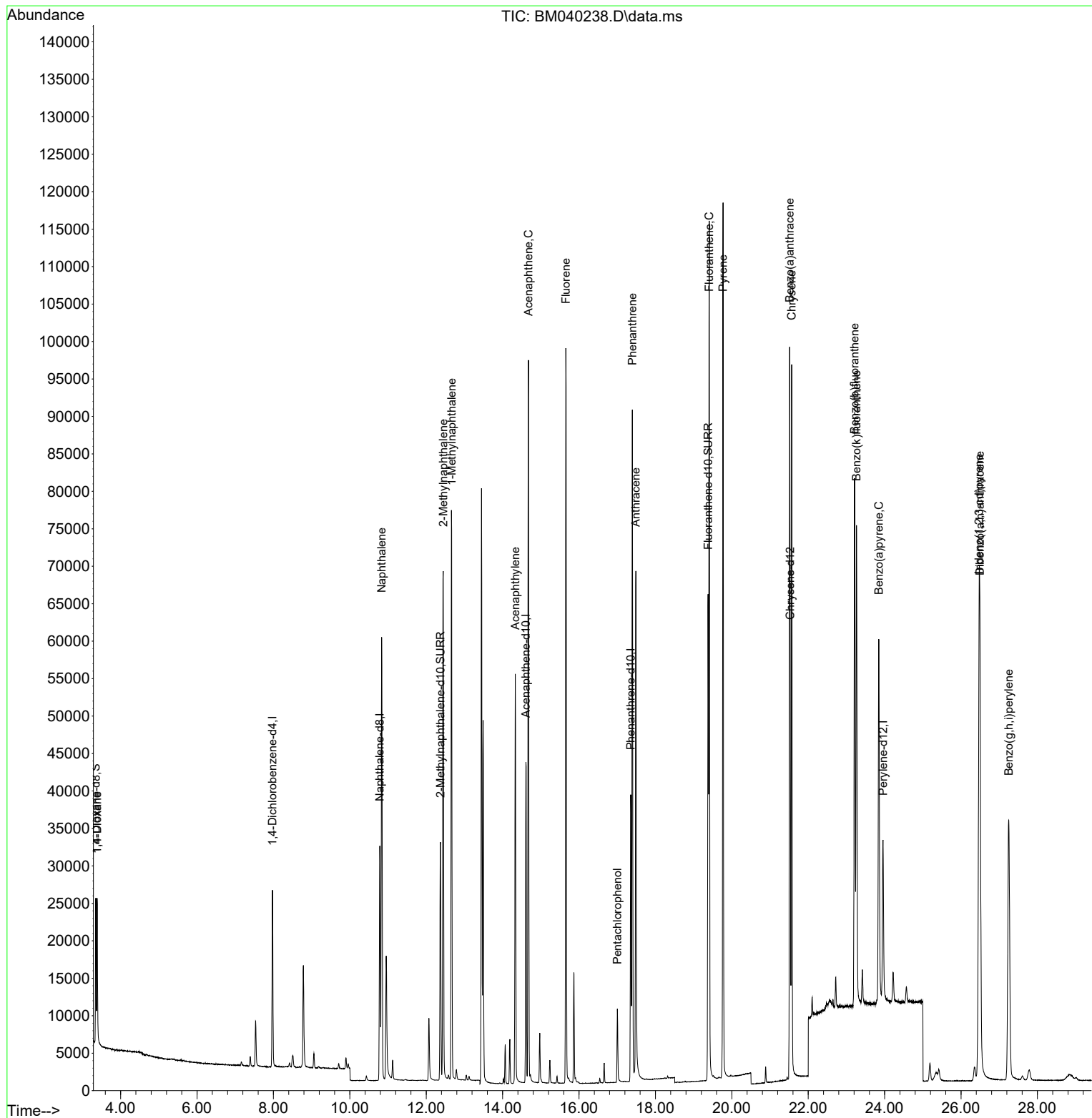
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.974	152	12103	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	42577	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	23125	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	44764	0.400	ng/ul	0.00
17) Chrysene-d12	21.530	240	35120	0.400	ng/ul	0.00
23) Perylene-d12	23.959	264	30957	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	11783	0.786	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	42067	0.779	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	70309	0.802	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.384	88	12094	0.770	ng/ul#	87
5) Naphthalene	10.833	128	79180	0.785	ng/ul	99
7) 2-Methylnaphthalene	12.445	142	49267	0.786	ng/ul	99
8) 1-Methylnaphthalene	12.665	142	51537	0.785	ng/ul	99
10) Acenaphthylene	14.332	152	61959	0.766	ng/ul	99
11) Acenaphthene	14.675	153	53700	0.774	ng/ul	99
12) Fluorene	15.655	166	59776	0.774	ng/ul	99
14) Pentachlorophenol	17.003	266	6854	0.751	ng/ul	100
15) Phenanthrene	17.396	178	91354	0.776	ng/ul	99
16) Anthracene	17.489	178	78165	0.784	ng/ul	99
19) Fluoranthene	19.408	202	95264	0.796	ng/ul	99
20) Pyrene	19.770	202	96696	0.778	ng/ul	98
21) Benzo(a)anthracene	21.515	228	78683	0.759	ng/ul	99
22) Chrysene	21.568	228	84451	0.771	ng/ul	99
24) Benzo(b)fluoranthene	23.213	252	90944	0.797	ng/ul	96
25) Benzo(k)fluoranthene	23.263	252	85618	0.798	ng/ul	94
26) Benzo(a)pyrene	23.848	252	73670	0.788	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.471	276	96141	0.811	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.494	278	77487	0.815	ng/ul	97
29) Benzo(g,h,i)perylene	27.249	276	79167	0.800	ng/ul	99

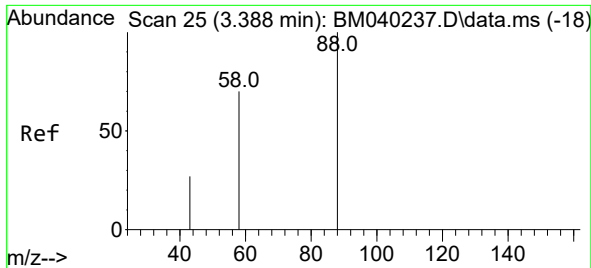
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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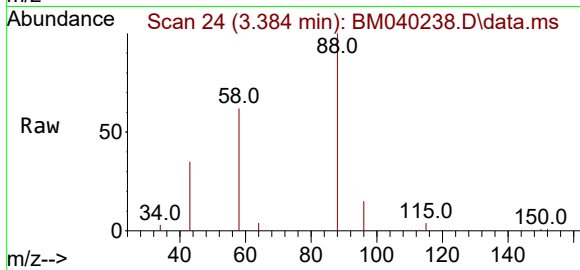
Quant Time: Jun 15 00:21:20 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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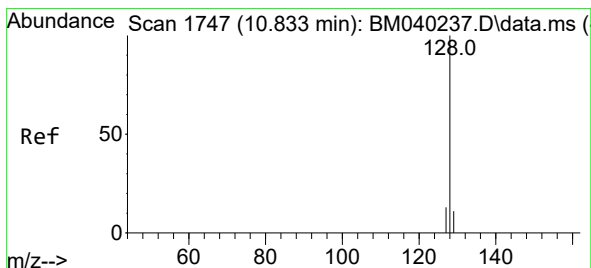
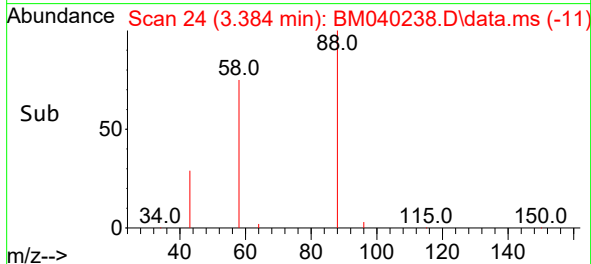
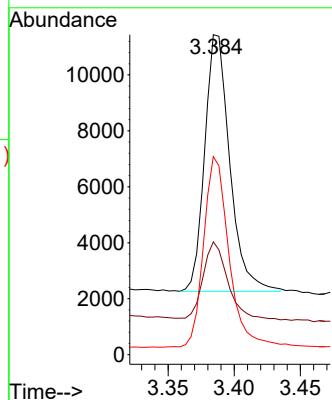


#2
1,4-Dioxane
Concen: 0.770 ng/ul
RT: 3.384 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM040238.D
Acq: 14 Jun 2023 15:08

Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

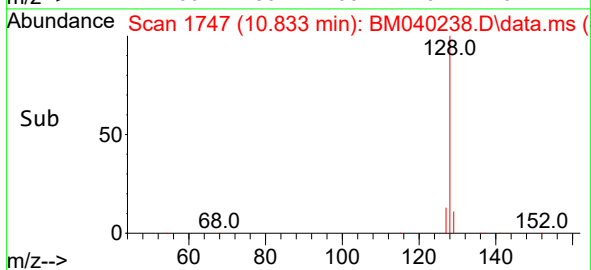
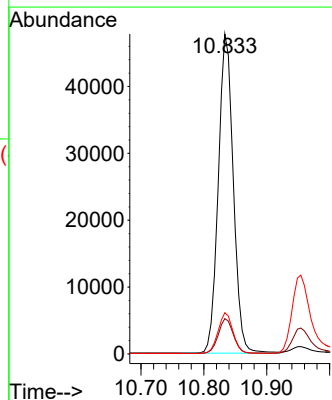
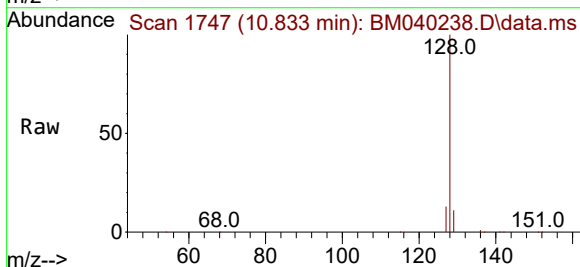


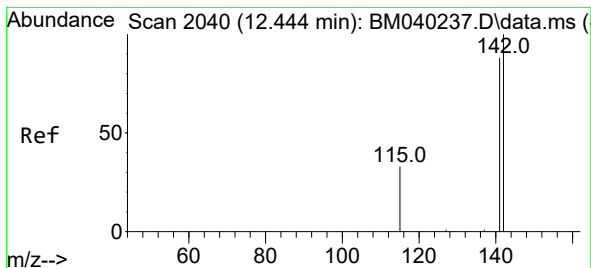
Tgt Ion: 88 Resp: 12094
Ion Ratio Lower Upper
88 100
43 35.2 30.3 45.5
58 61.9 38.8 58.2#



#5
Naphthalene
Concen: 0.785 ng/ul
RT: 10.833 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BM040238.D
Acq: 14 Jun 2023 15:08

Tgt Ion: 128 Resp: 79180
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 12.9 10.4 15.6





#7

2-Methylnaphthalene

Concen: 0.786 ng/ul

RT: 12.445 min Scan# 2040

Delta R.T. 0.000 min

Lab File: BM040238.D

Acq: 14 Jun 2023 15:08

Instrument :

BNA_M

ClientSampleId :

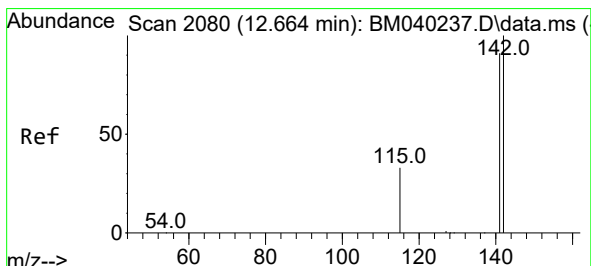
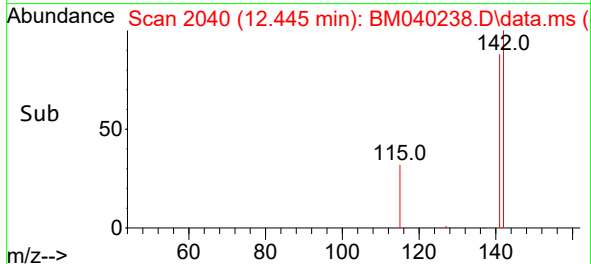
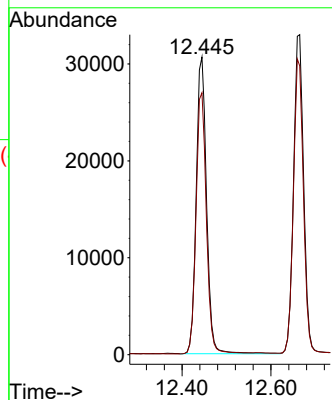
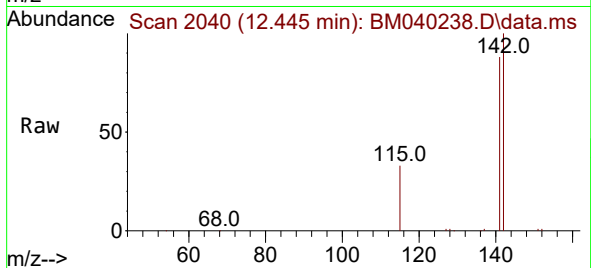
SSTD0.8018

Tgt Ion:142 Resp: 49267

Ion Ratio Lower Upper

142 100

141 88.9 70.6 106.0



#8

1-Methylnaphthalene

Concen: 0.785 ng/ul

RT: 12.665 min Scan# 2080

Delta R.T. 0.000 min

Lab File: BM040238.D

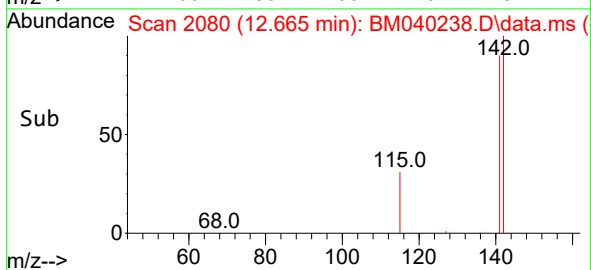
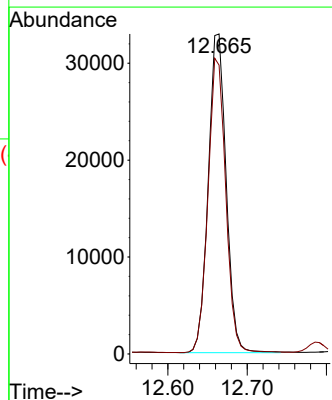
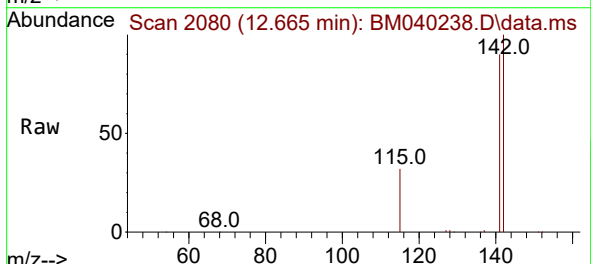
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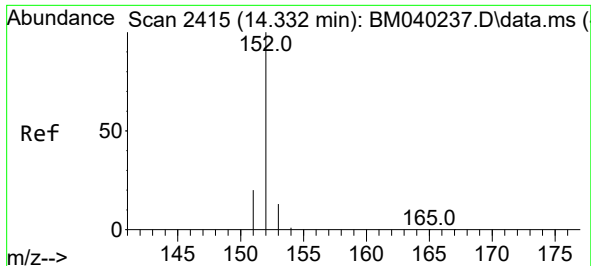
Tgt Ion:142 Resp: 51537

Ion Ratio Lower Upper

142 100

141 91.7 73.0 109.4

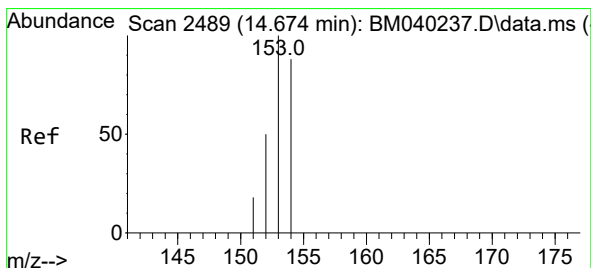
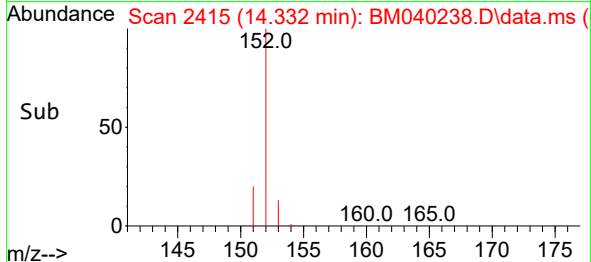
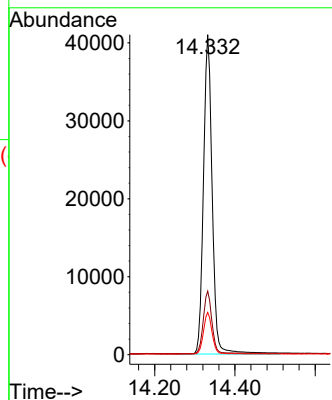
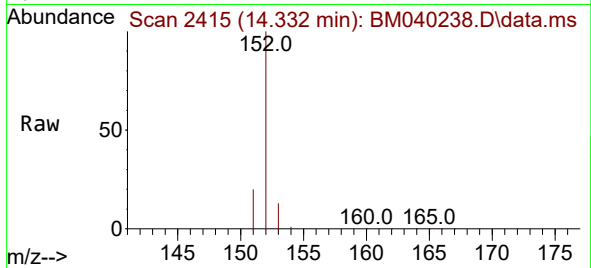




#10
Acenaphthylene
Concen: 0.766 ng/ul
RT: 14.332 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BM040238.D
Acq: 14 Jun 2023 15:08

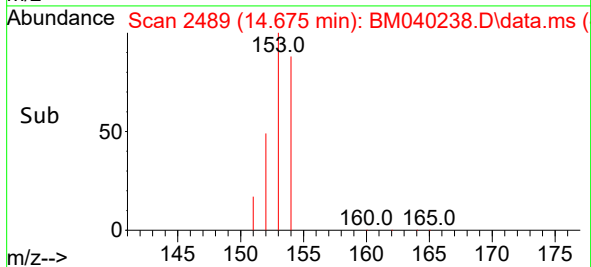
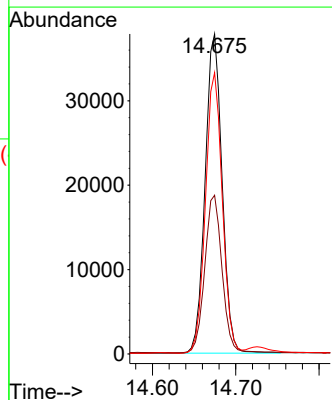
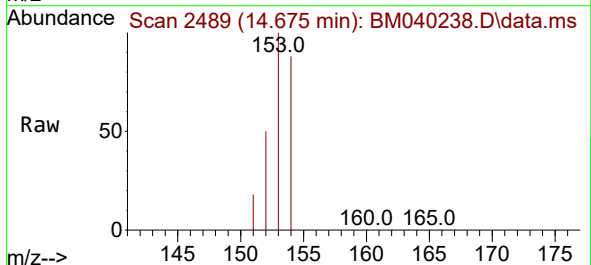
Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

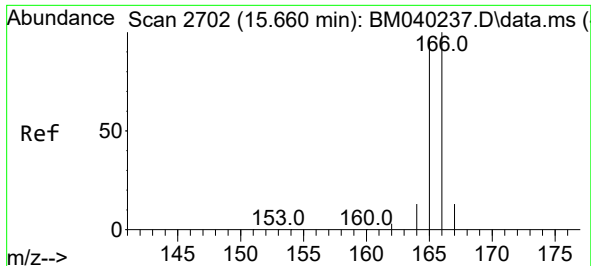
Tgt Ion:152 Resp: 61959
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 13.2 10.7 16.1



#11
Acenaphthene
Concen: 0.774 ng/ul
RT: 14.675 min Scan# 2489
Delta R.T. 0.000 min
Lab File: BM040238.D
Acq: 14 Jun 2023 15:08

Tgt Ion:153 Resp: 53700
Ion Ratio Lower Upper
153 100
152 49.6 40.3 60.5
154 87.9 70.5 105.7

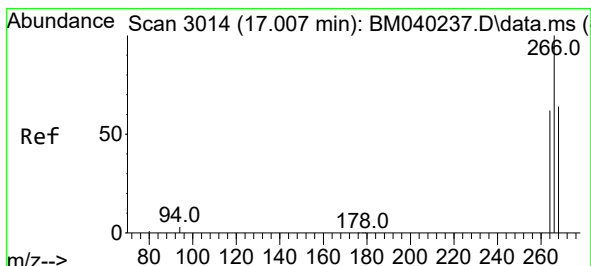
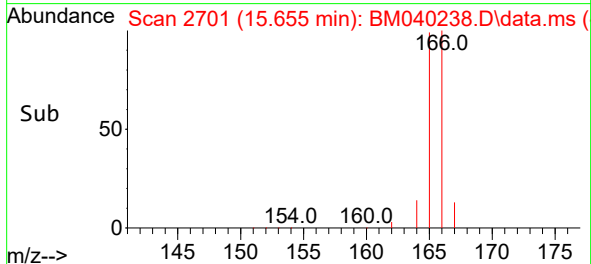
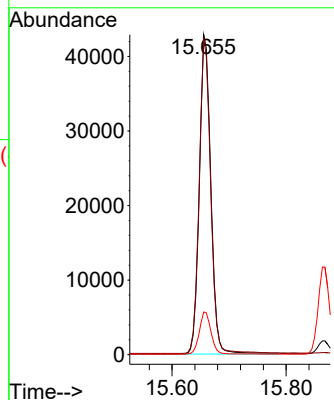
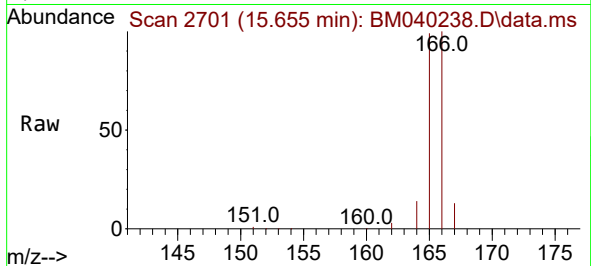




#12
 Fluorene
 Concen: 0.774 ng/ul
 RT: 15.655 min Scan# 2701
 Delta R.T. -0.004 min
 Lab File: BM040238.D
 Acq: 14 Jun 2023 15:08

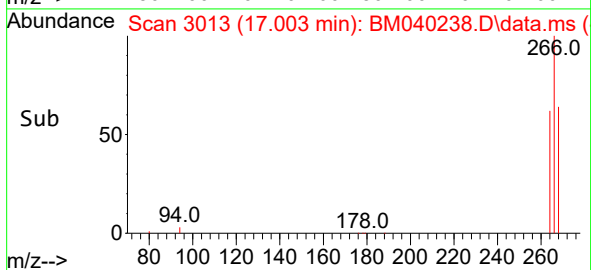
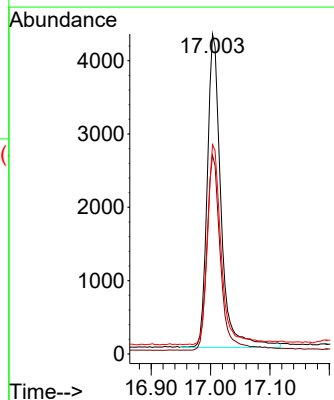
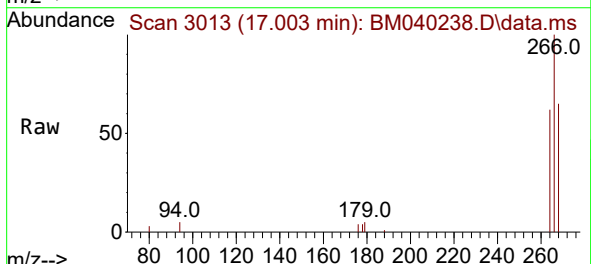
Instrument :
 BNA_M
 ClientSampleId :
 SST0.8018

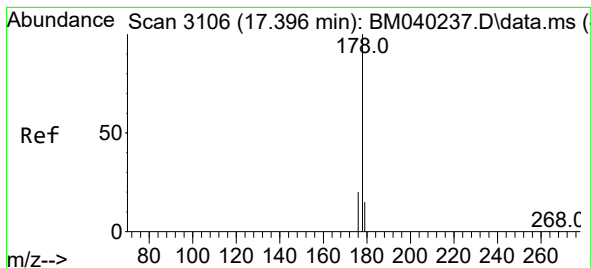
Tgt Ion:166 Resp: 59776
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.2 117.4
 167 13.3 11.0 16.4



#14
 Pentachlorophenol
 Concen: 0.751 ng/ul
 RT: 17.003 min Scan# 3013
 Delta R.T. -0.004 min
 Lab File: BM040238.D
 Acq: 14 Jun 2023 15:08

Tgt Ion:266 Resp: 6854
 Ion Ratio Lower Upper
 266 100
 264 61.9 49.4 74.0
 268 64.4 51.3 76.9





#15

Phenanthrene

Concen: 0.776 ng/ul

RT: 17.396 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BM040238.D

Acq: 14 Jun 2023 15:08

Instrument :

BNA_M

ClientSampleId :

SSTD0.8018

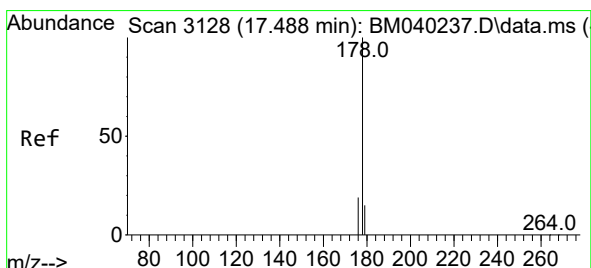
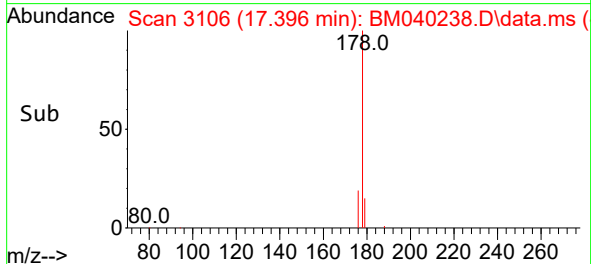
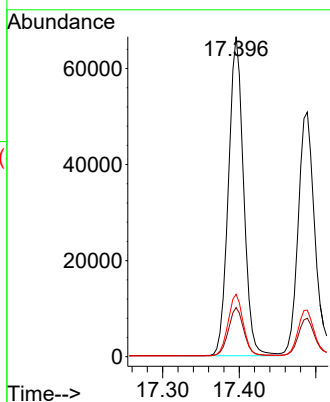
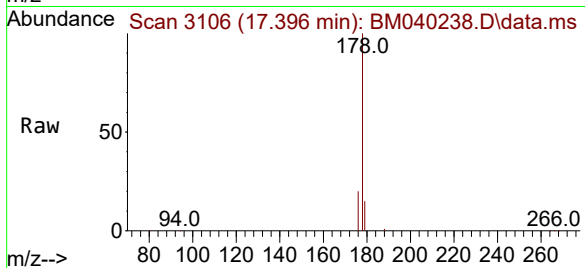
Tgt Ion:178 Resp: 91354

Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

176 19.5 16.1 24.1



#16

Anthracene

Concen: 0.784 ng/ul

RT: 17.489 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BM040238.D

Acq: 14 Jun 2023 15:08

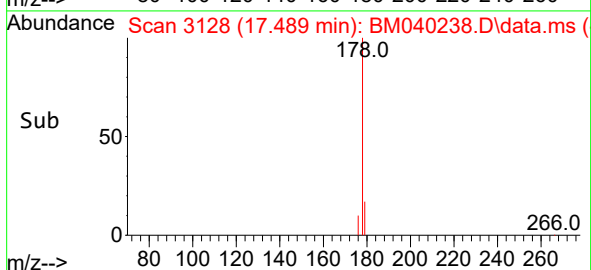
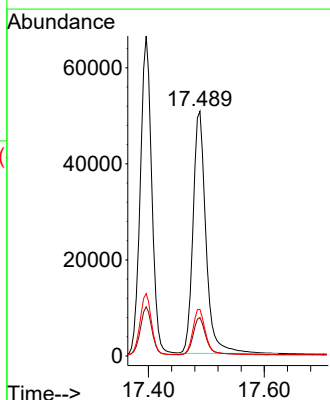
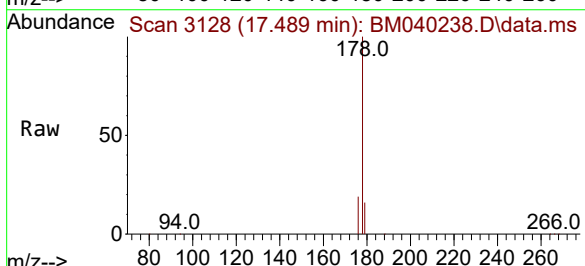
Tgt Ion:178 Resp: 78165

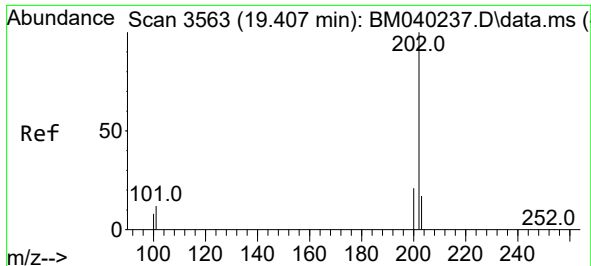
Ion Ratio Lower Upper

178 100

179 15.7 13.0 19.4

176 19.0 15.5 23.3

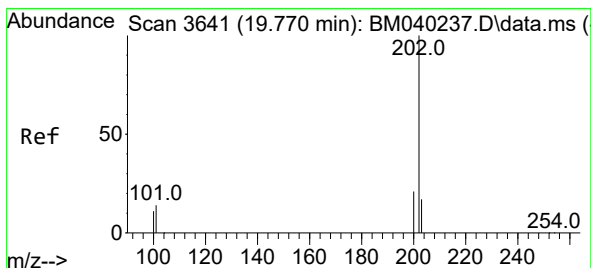
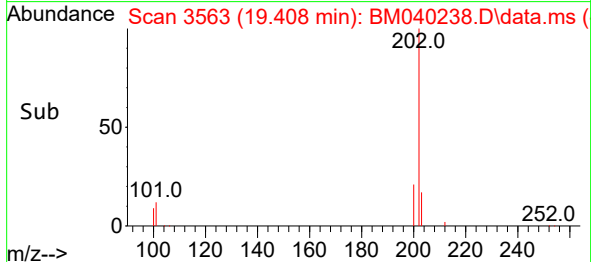
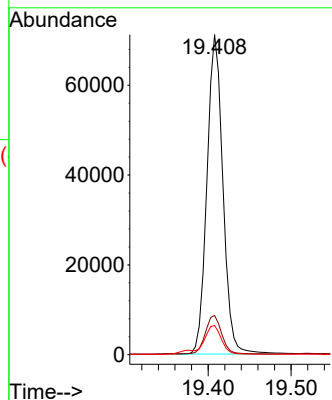
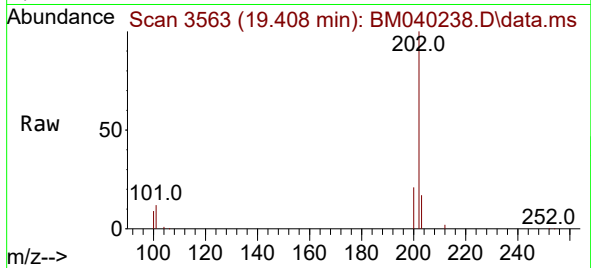




#19
Fluoranthene
Concen: 0.796 ng/ul
RT: 19.408 min Scan# 3563
Delta R.T. 0.000 min
Lab File: BM040238.D
Acq: 14 Jun 2023 15:08

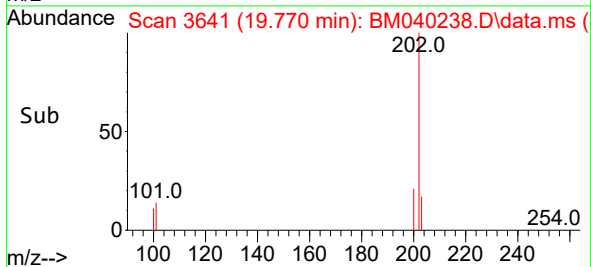
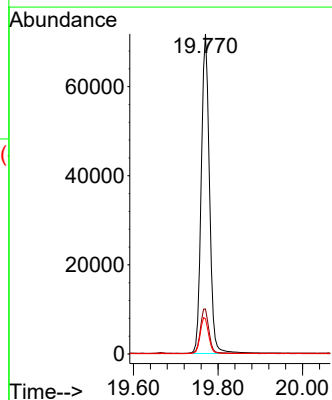
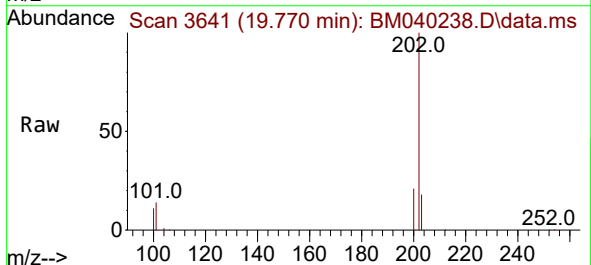
Instrument :
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SSTD0.8018

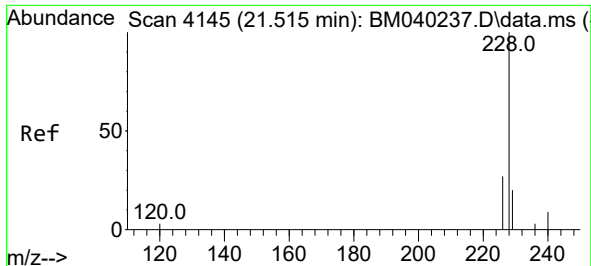
Tgt Ion:202 Resp: 95264
Ion Ratio Lower Upper
202 100
101 12.3 10.2 15.4
100 9.1 7.6 11.4



#20
Pyrene
Concen: 0.778 ng/ul
RT: 19.770 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BM040238.D
Acq: 14 Jun 2023 15:08

Tgt Ion:202 Resp: 96696
Ion Ratio Lower Upper
202 100
101 14.1 11.8 17.8
100 11.0 9.3 13.9

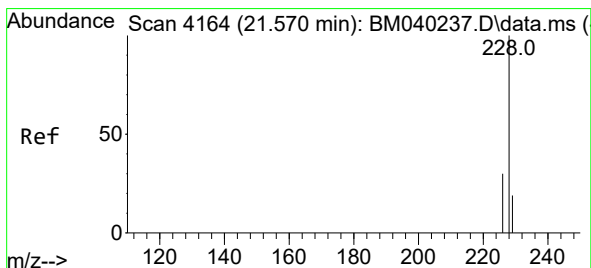
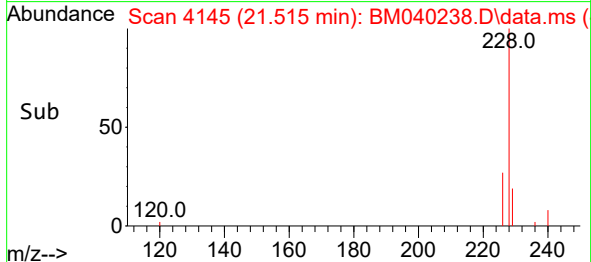
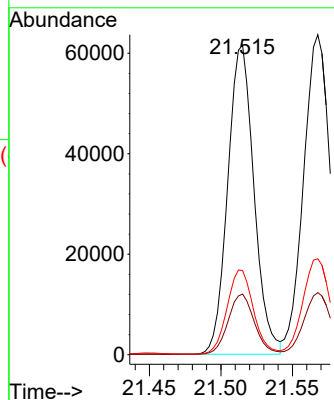
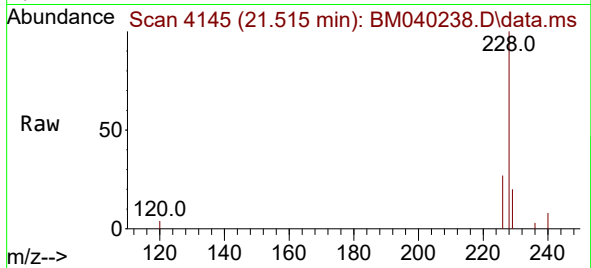




#21
Benzo(a)anthracene
Concen: 0.759 ng/ul
RT: 21.515 min Scan# 4145
Delta R.T. 0.000 min
Lab File: BM040238.D
Acq: 14 Jun 2023 15:08

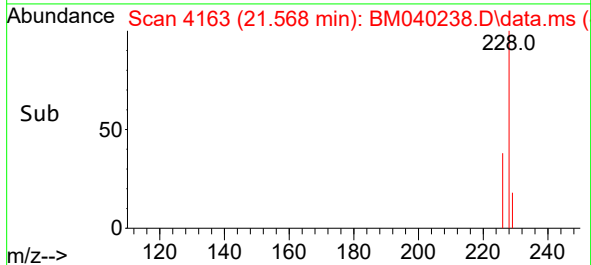
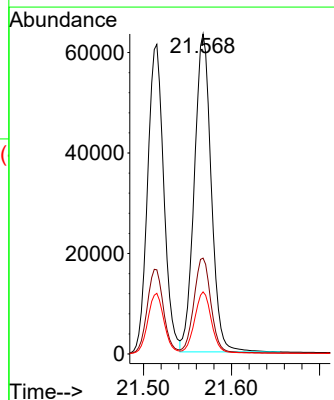
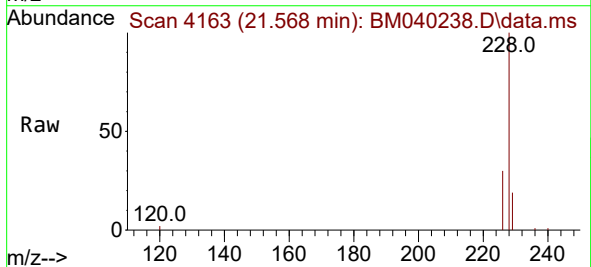
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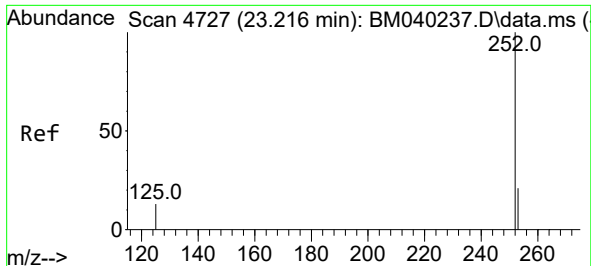
Tgt Ion:228 Resp: 78683
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.8
226 27.2 22.0 33.0



#22
Chrysene
Concen: 0.771 ng/ul
RT: 21.568 min Scan# 4163
Delta R.T. -0.003 min
Lab File: BM040238.D
Acq: 14 Jun 2023 15:08

Tgt Ion:228 Resp: 84451
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 19.4 15.7 23.5

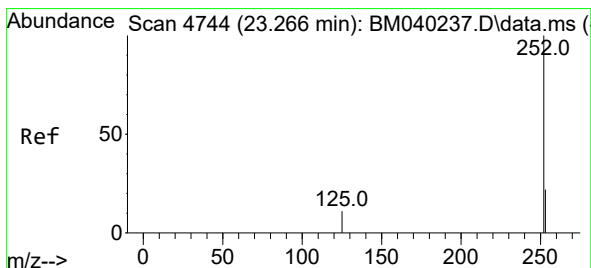
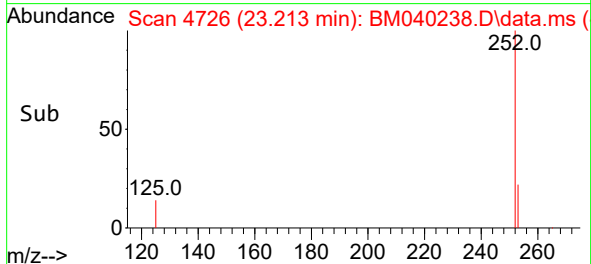
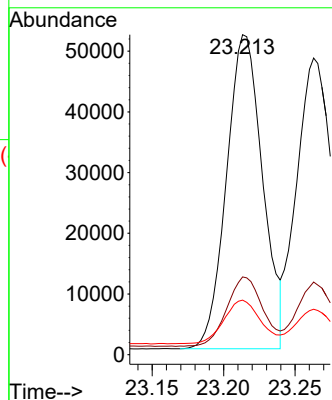
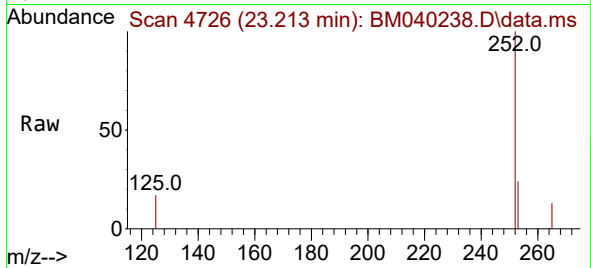




#24
Benzo(b)fluoranthene
Concen: 0.797 ng/ul
RT: 23.213 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BM040238.D
Acq: 14 Jun 2023 15:08

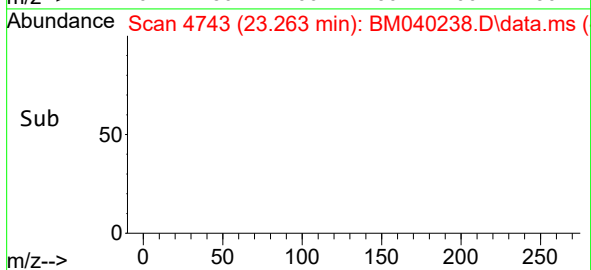
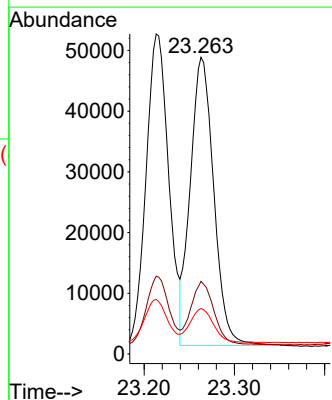
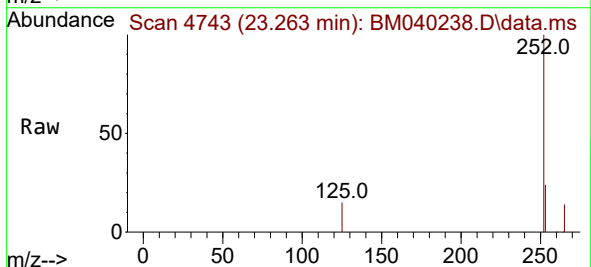
Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

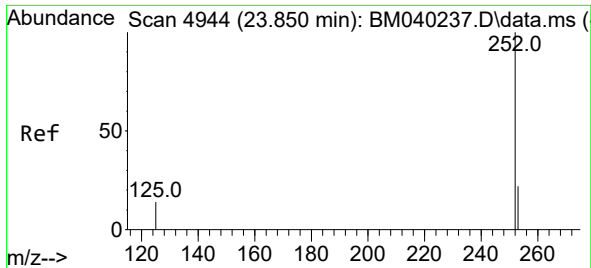
Tgt Ion:252 Resp: 90944
Ion Ratio Lower Upper
252 100
253 24.3 0.0 52.4
125 17.0 0.0 38.4



#25
Benzo(k)fluoranthene
Concen: 0.798 ng/ul
RT: 23.263 min Scan# 4743
Delta R.T. -0.003 min
Lab File: BM040238.D
Acq: 14 Jun 2023 15:08

Tgt Ion:252 Resp: 85618
Ion Ratio Lower Upper
252 100
253 24.5 21.5 32.3
125 15.3 14.7 22.1

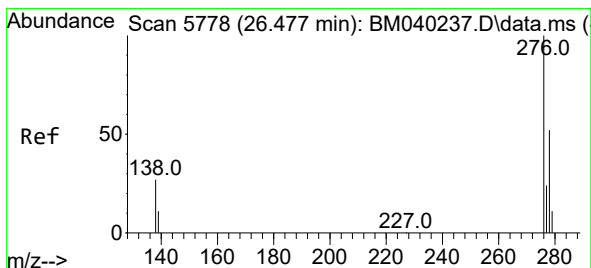
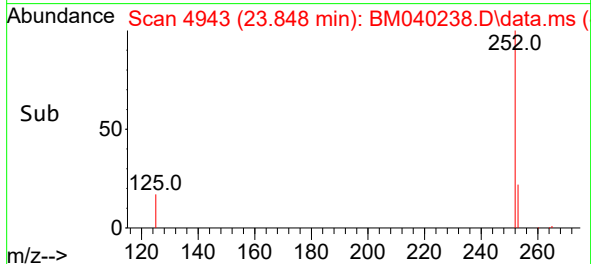
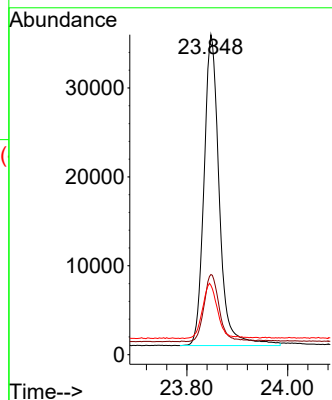
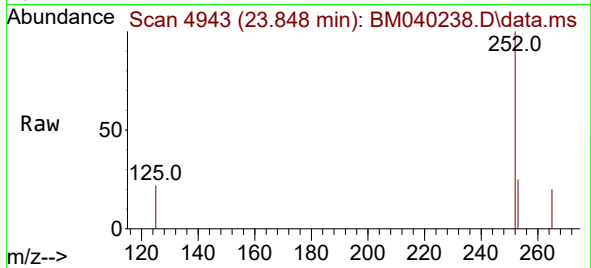




#26
Benzo(a)pyrene
Concen: 0.788 ng/ul
RT: 23.848 min Scan# 4944
Delta R.T. -0.003 min
Lab File: BM040238.D
Acq: 14 Jun 2023 15:08

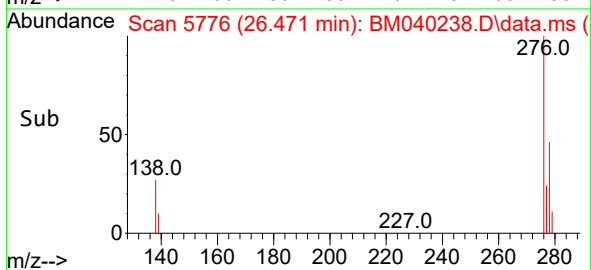
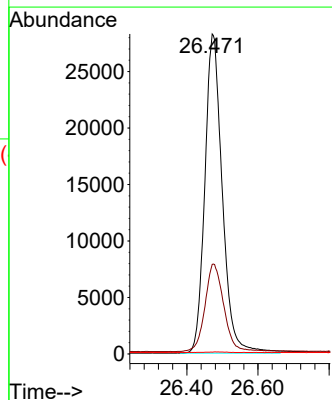
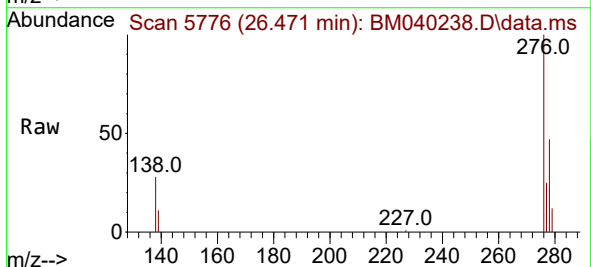
Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

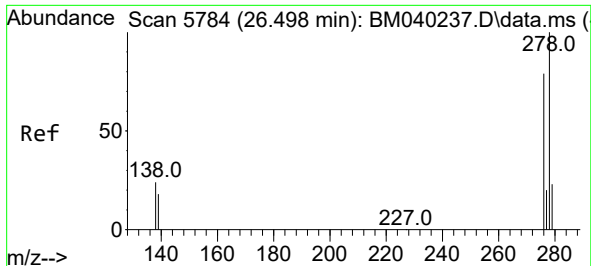
Tgt Ion:252 Resp: 73670
Ion Ratio Lower Upper
252 100
253 25.1 23.4 35.0
125 21.6 19.7 29.5



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.811 ng/ul
RT: 26.471 min Scan# 5776
Delta R.T. -0.006 min
Lab File: BM040238.D
Acq: 14 Jun 2023 15:08

Tgt Ion:276 Resp: 96141
Ion Ratio Lower Upper
276 100
138 29.6 23.3 34.9
227 0.2 0.1 0.1#

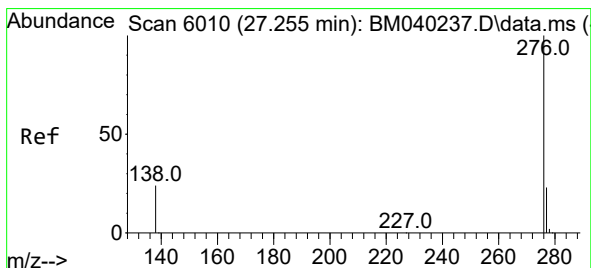
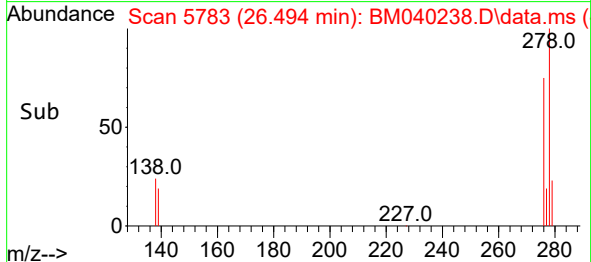
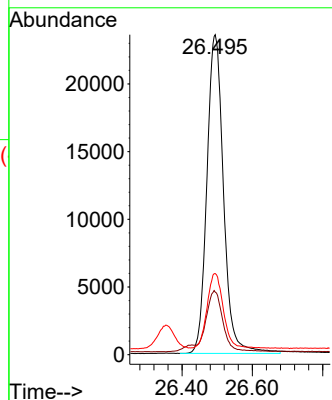
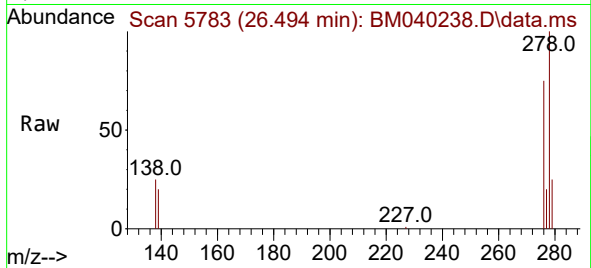




#28
Dibenzo(a,h)anthracene
Concen: 0.815 ng/ul
RT: 26.494 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM040238.D
Acq: 14 Jun 2023 15:08

Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

Tgt Ion:278 Resp: 77487
Ion Ratio Lower Upper
278 100
139 19.6 16.4 24.6
279 25.3 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.800 ng/ul
RT: 27.249 min Scan# 6008
Delta R.T. -0.006 min
Lab File: BM040238.D
Acq: 14 Jun 2023 15:08

Tgt Ion:276 Resp: 79167
Ion Ratio Lower Upper
276 100
138 25.8 21.0 31.4
277 24.0 19.6 29.4

