

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
 Data File : BM040349.D
 Acq On : 22 Jun 2023 15:22
 Operator : MA/JU
 Sample : SSTD1.692
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6026

Quant Time: Jun 23 00:38:30 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 : Fri Jun 23 00:36:05 2023
 Response via : Initial Calibration

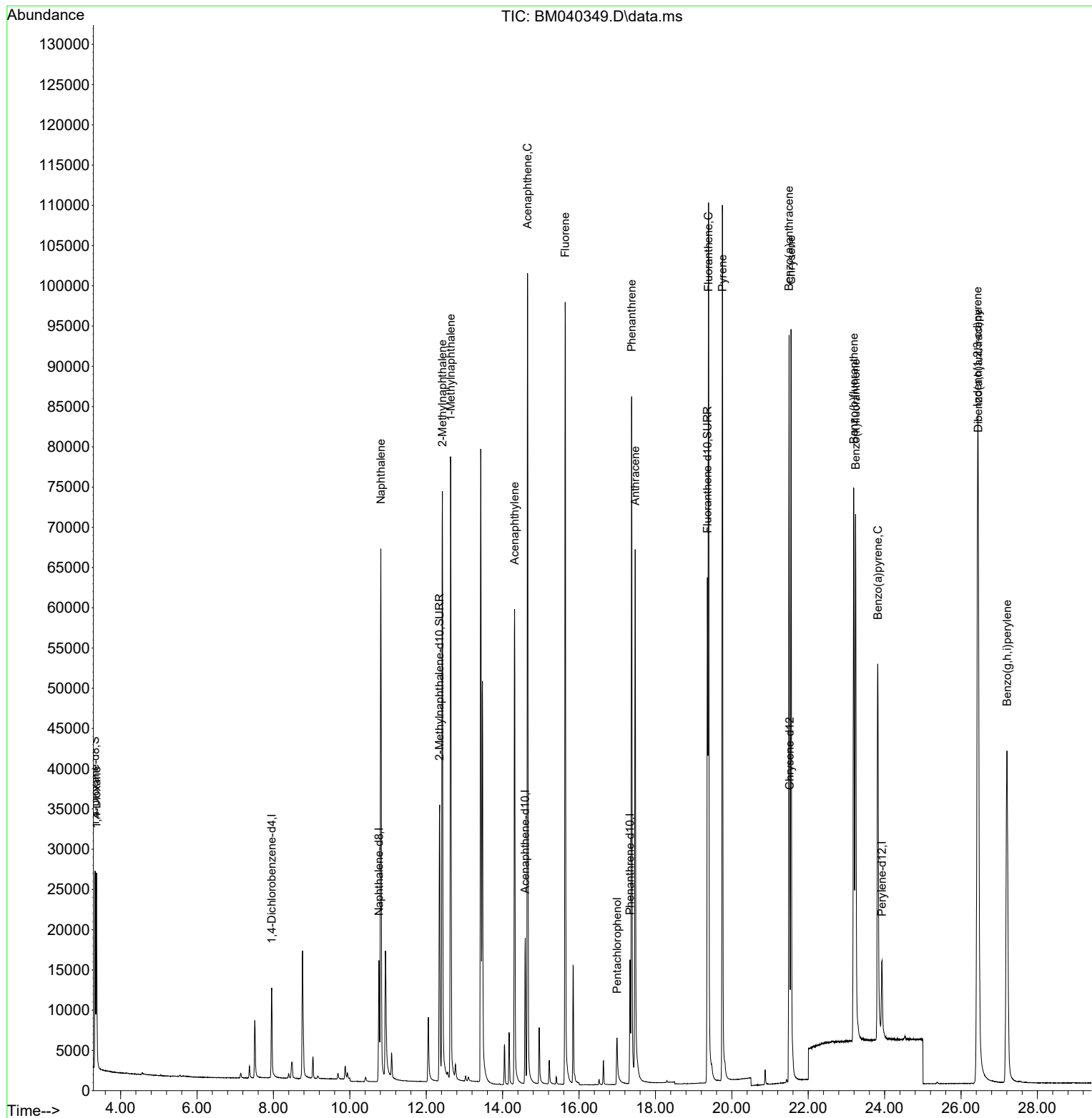
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	6202	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	21393	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	10180	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	18831	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	13904	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	14220	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	14996	1.539	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.351	152	47951	1.599	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	71179	1.597	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.367	88	15507	1.564	ng/ul#	86
5) Naphthalene	10.811	128	92742	1.572	ng/ul	99
7) 2-Methylnaphthalene	12.422	142	56329	1.625	ng/ul	100
8) 1-Methylnaphthalene	12.642	142	55866	1.613	ng/ul	100
10) Acenaphthylene	14.313	152	73269	1.611	ng/ul	99
11) Acenaphthene	14.651	153	60521	1.576	ng/ul	98
12) Fluorene	15.637	166	65730	1.603	ng/ul	99
14) Pentachlorophenol	16.995	266	6409	1.768	ng/ul	93
15) Phenanthrene	17.379	178	93233	1.594	ng/ul	98
16) Anthracene	17.472	178	83285	1.694	ng/ul	99
19) Fluoranthene	19.389	202	95358	1.615	ng/ul	99
20) Pyrene	19.756	202	97920	1.546	ng/ul	98
21) Benzo(a)anthracene	21.497	228	79601	1.693	ng/ul	99
22) Chrysene	21.550	228	86706	1.616	ng/ul	99
24) Benzo(b)fluoranthene	23.193	252	92305	1.677	ng/ul	89
25) Benzo(k)fluoranthene	23.239	252	89885	1.657	ng/ul#	91
26) Benzo(a)pyrene	23.821	252	79732	1.608	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.434	276	112703	1.633	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.451	278	89154	1.649	ng/ul	94
29) Benzo(g,h,i)perylene	27.202	276	96119	1.588	ng/ul	96

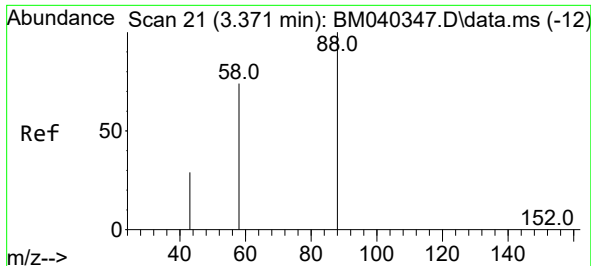
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
Data File : BM040349.D
Acq On : 22 Jun 2023 15:22
Operator : MA/JU
Sample : SSTD1.692
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

Quant Time: Jun 23 00:38:30 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 : Fri Jun 23 00:36:05 2023
Response via : Initial Calibration

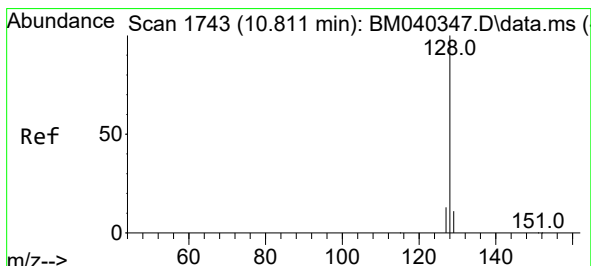
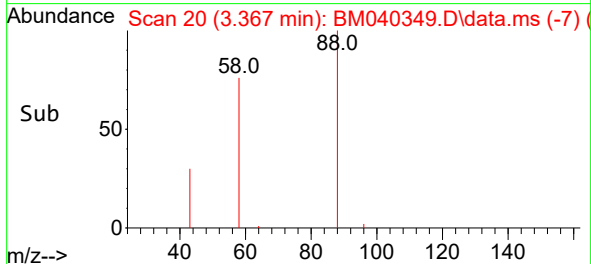
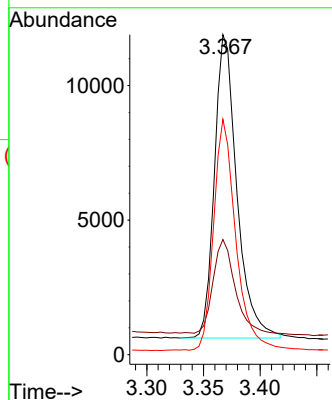
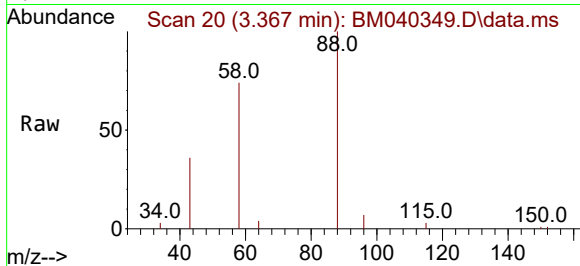




#2
1,4-Dioxane
Concen: 1.564 ng/ul
RT: 3.367 min Scan# 20
Delta R.T. -0.004 min
Lab File: BM040349.D
Acq: 22 Jun 2023 15:22

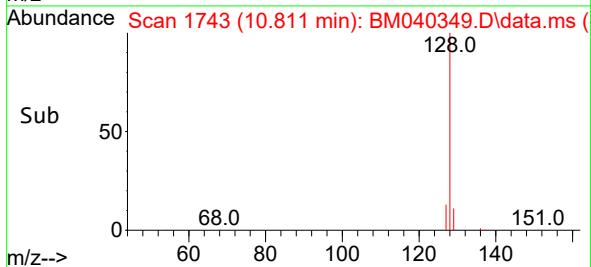
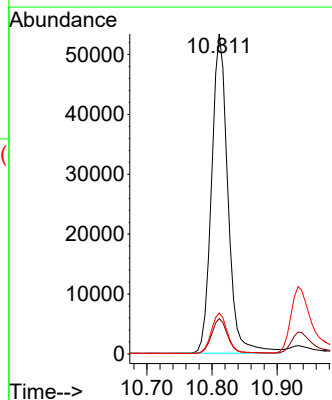
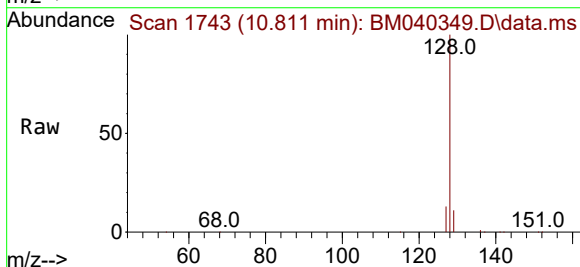
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

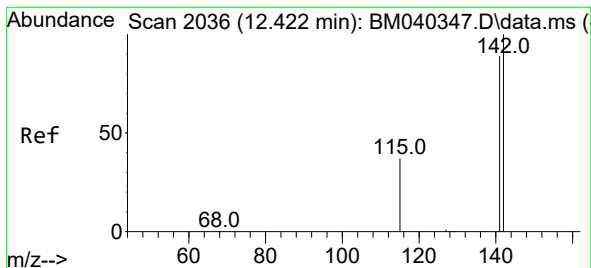
Tgt Ion: 88 Resp: 15507
Ion Ratio Lower Upper
88 100
43 36.0 36.1 54.1#
58 73.6 49.8 74.8



#5
Naphthalene
Concen: 1.572 ng/ul
RT: 10.811 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BM040349.D
Acq: 22 Jun 2023 15:22

Tgt Ion: 128 Resp: 92742
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 12.8 10.6 15.8

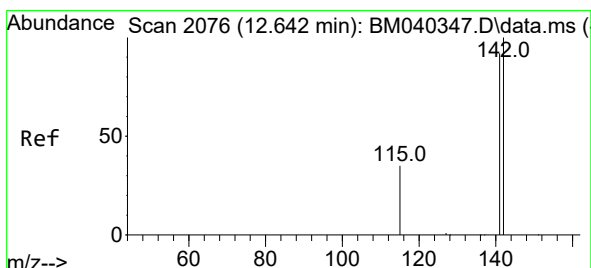
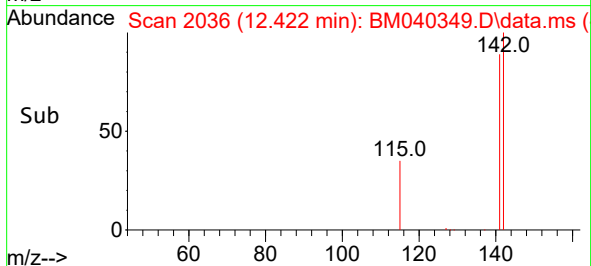
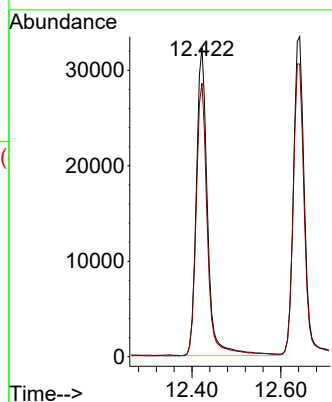
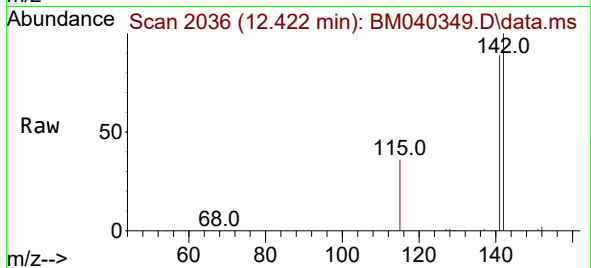




#7
2-Methylnaphthalene
Concen: 1.625 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BM040349.D
Acq: 22 Jun 2023 15:22

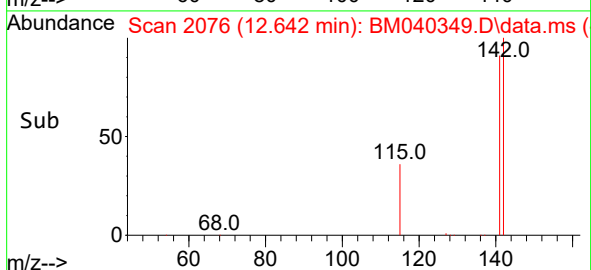
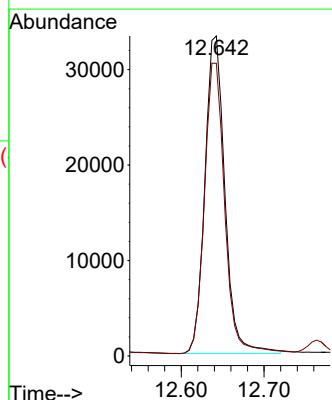
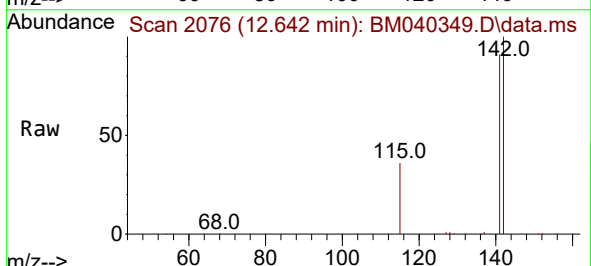
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

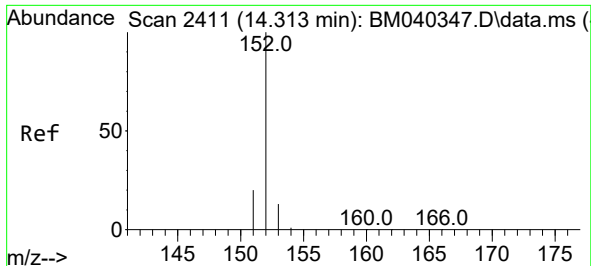
Tgt Ion:142 Resp: 56329
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9



#8
1-Methylnaphthalene
Concen: 1.613 ng/ul
RT: 12.642 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM040349.D
Acq: 22 Jun 2023 15:22

Tgt Ion:142 Resp: 55866
Ion Ratio Lower Upper
142 100
141 92.4 73.7 110.5

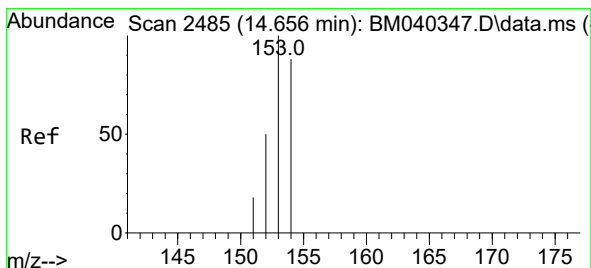
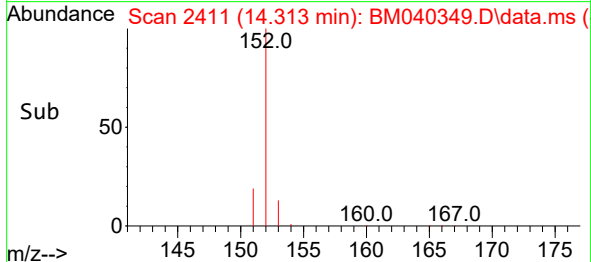
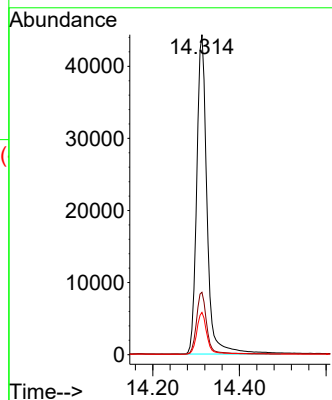
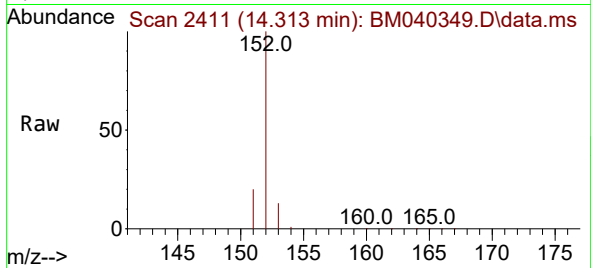




#10
Acenaphthylene
Concen: 1.611 ng/ul
RT: 14.313 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BM040349.D
Acq: 22 Jun 2023 15:22

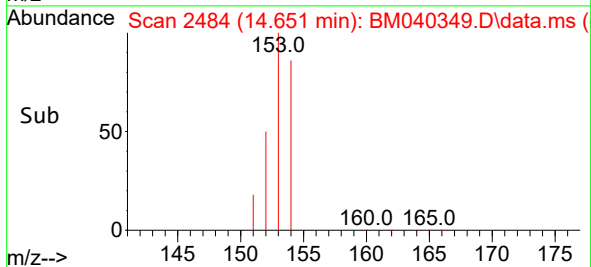
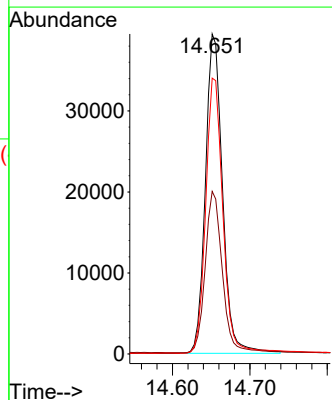
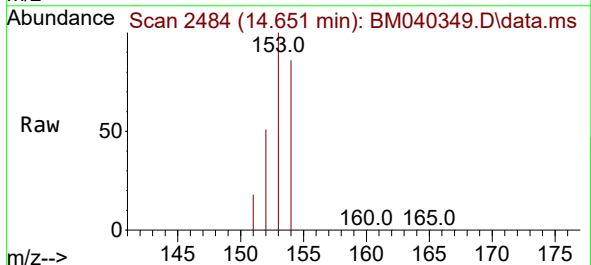
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

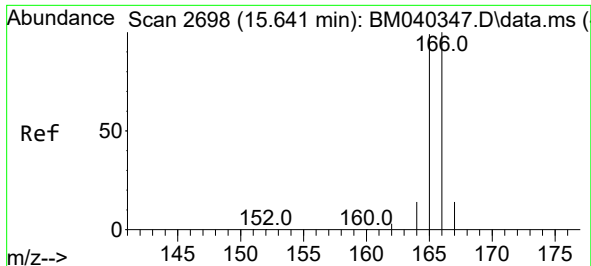
Tgt Ion:152 Resp: 73269
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2
153 13.2 10.9 16.3



#11
Acenaphthene
Concen: 1.576 ng/ul
RT: 14.651 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BM040349.D
Acq: 22 Jun 2023 15:22

Tgt Ion:153 Resp: 60521
Ion Ratio Lower Upper
153 100
152 50.8 41.0 61.4
154 86.2 70.8 106.2

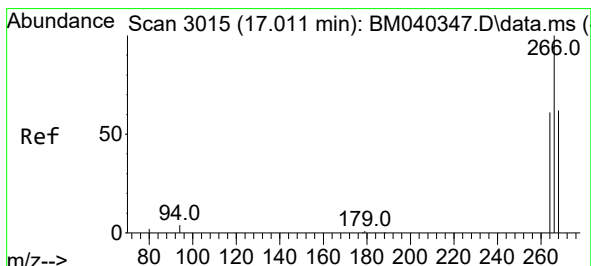
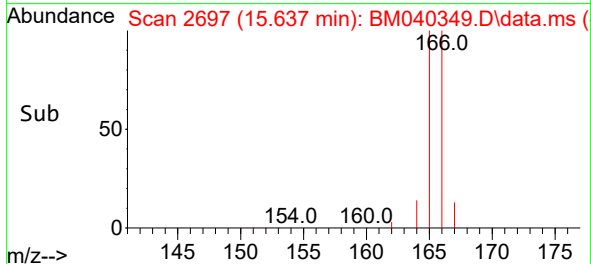
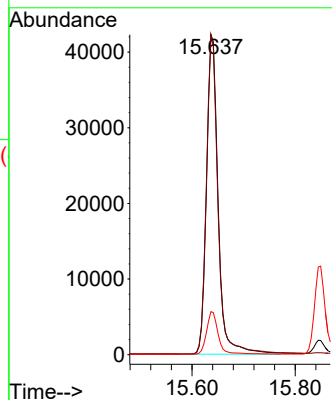
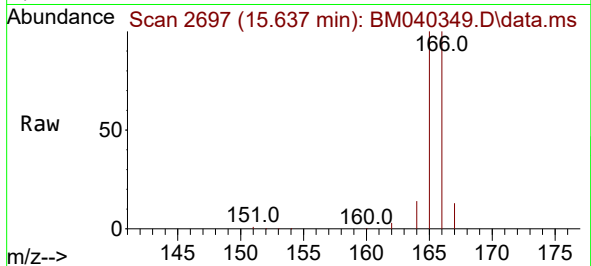




#12
Fluorene
Concen: 1.603 ng/ul
RT: 15.637 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040349.D
Acq: 22 Jun 2023 15:22

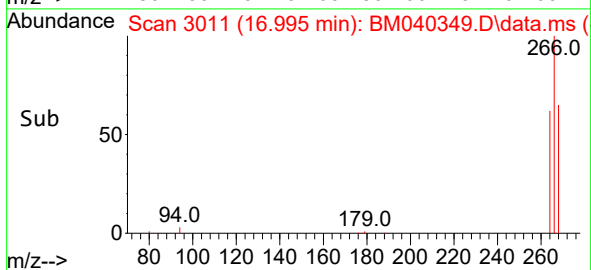
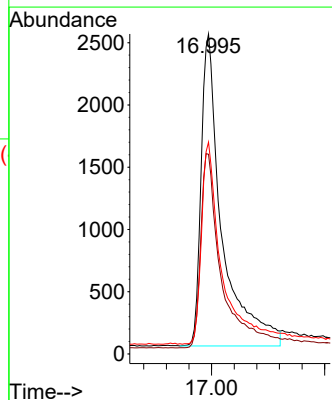
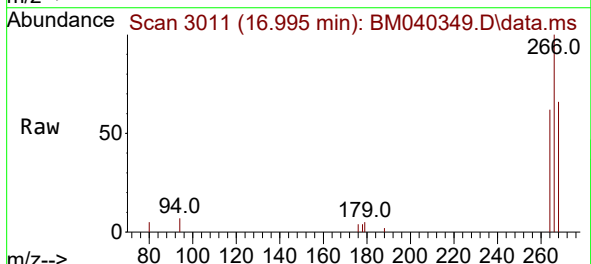
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

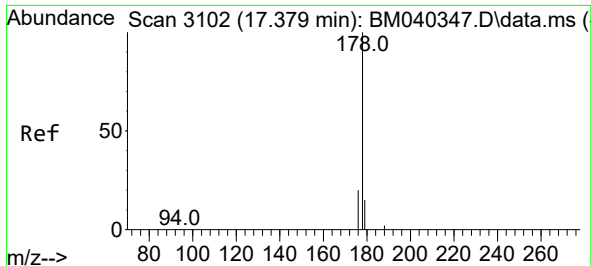
Tgt Ion:166 Resp: 65730
Ion Ratio Lower Upper
166 100
165 100.0 79.6 119.4
167 13.4 11.4 17.0



#14
Pentachlorophenol
Concen: 1.768 ng/ul
RT: 16.995 min Scan# 3011
Delta R.T. -0.017 min
Lab File: BM040349.D
Acq: 22 Jun 2023 15:22

Tgt Ion:266 Resp: 6409
Ion Ratio Lower Upper
266 100
264 62.8 45.4 68.0
268 64.0 47.2 70.8

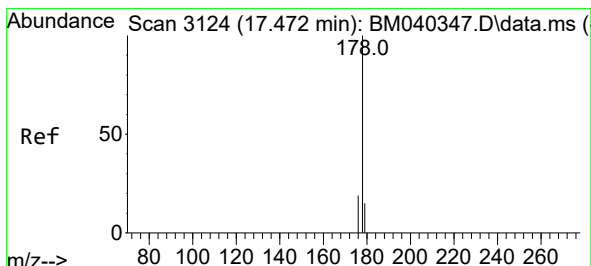
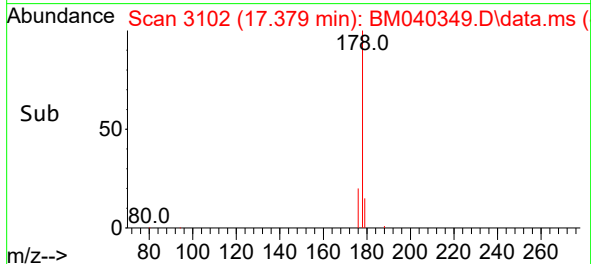
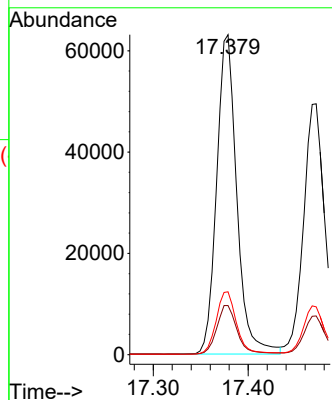
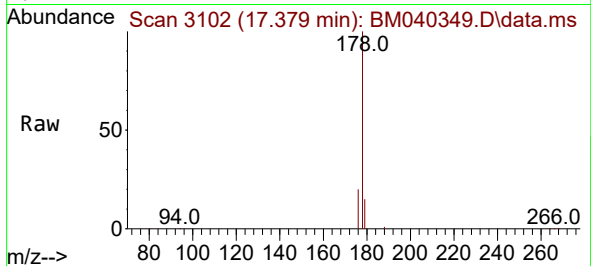




#15
Phenanthrene
Concen: 1.594 ng/ul
RT: 17.379 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM040349.D
Acq: 22 Jun 2023 15:22

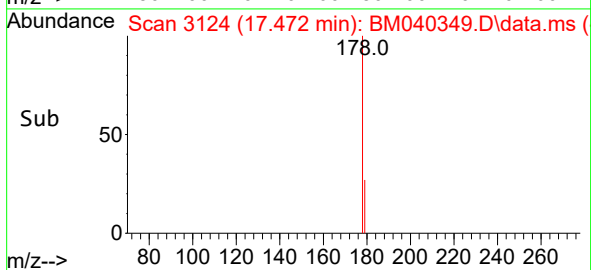
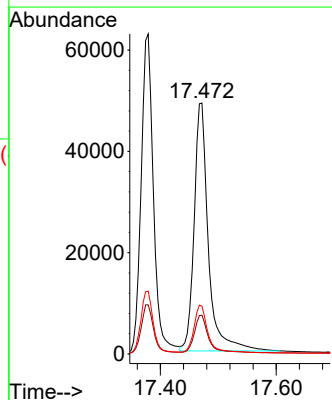
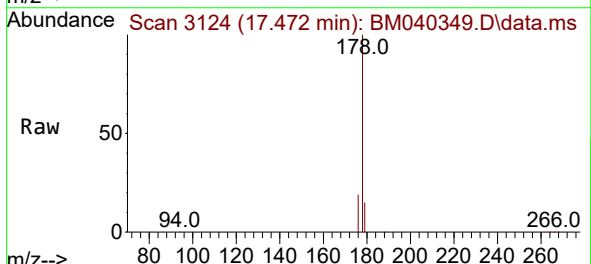
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

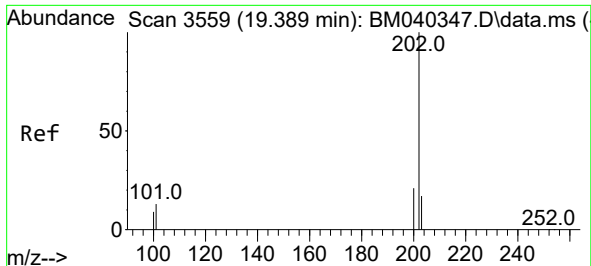
Tgt Ion:178 Resp: 93233
Ion Ratio Lower Upper
178 100
179 15.3 12.8 19.2
176 19.6 16.4 24.6



#16
Anthracene
Concen: 1.694 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BM040349.D
Acq: 22 Jun 2023 15:22

Tgt Ion:178 Resp: 83285
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 19.1 15.8 23.6

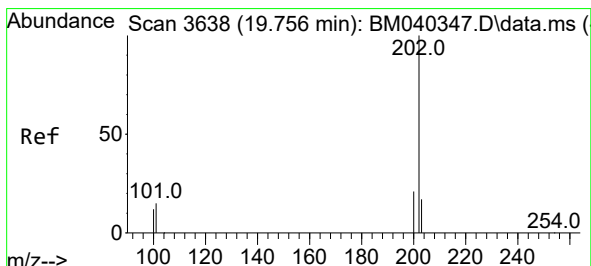
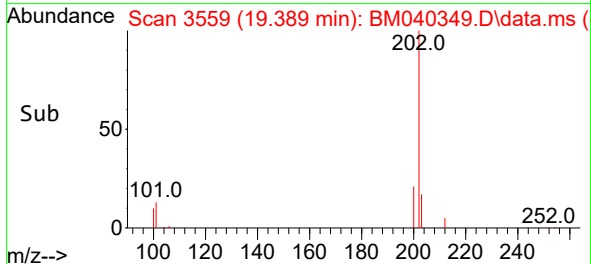
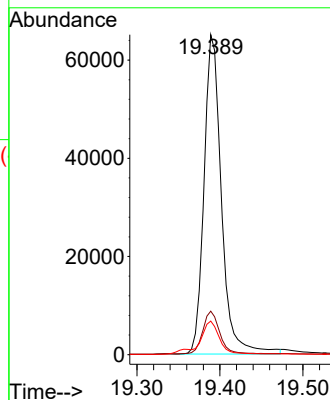
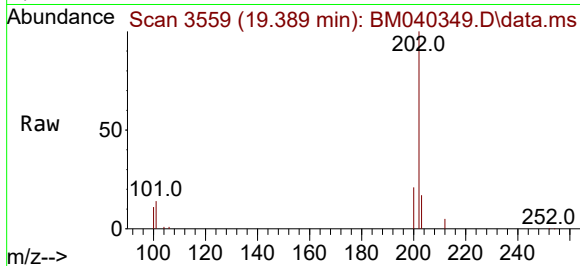




#19
Fluoranthene
Concen: 1.615 ng/ul
RT: 19.389 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BM040349.D
Acq: 22 Jun 2023 15:22

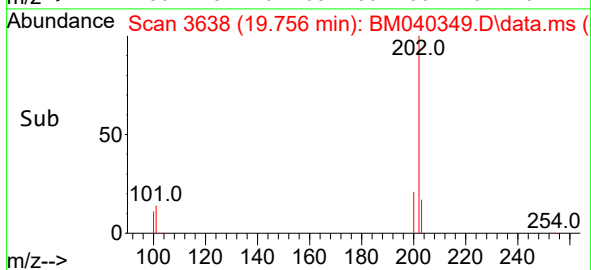
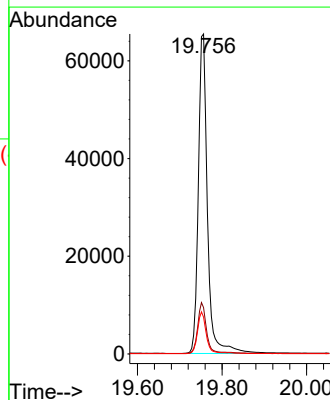
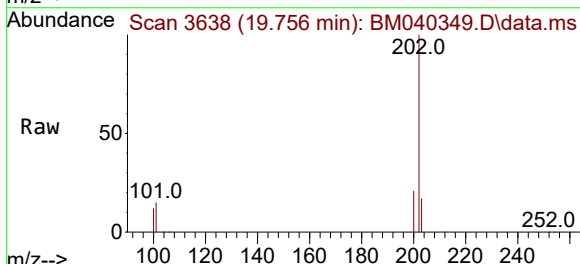
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

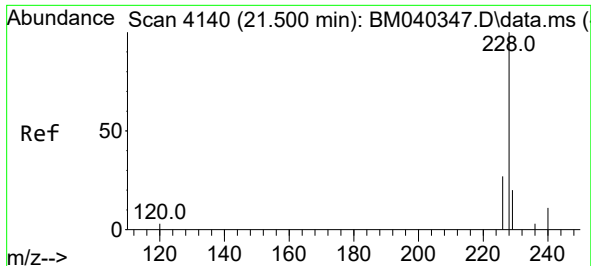
Tgt Ion:202 Resp: 95358
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 10.5 8.7 13.1



#20
Pyrene
Concen: 1.546 ng/ul
RT: 19.756 min Scan# 3638
Delta R.T. 0.000 min
Lab File: BM040349.D
Acq: 22 Jun 2023 15:22

Tgt Ion:202 Resp: 97920
Ion Ratio Lower Upper
202 100
101 14.5 12.6 18.8
100 11.5 9.8 14.6

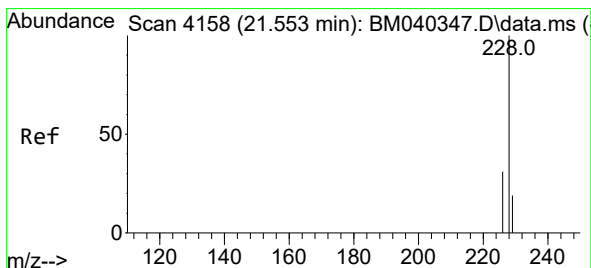
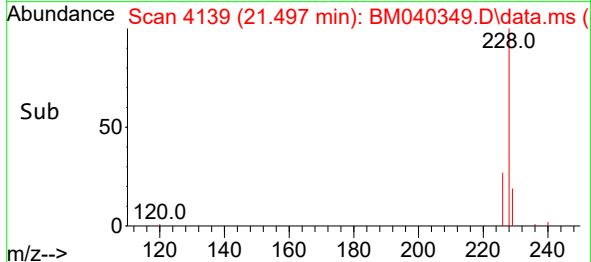
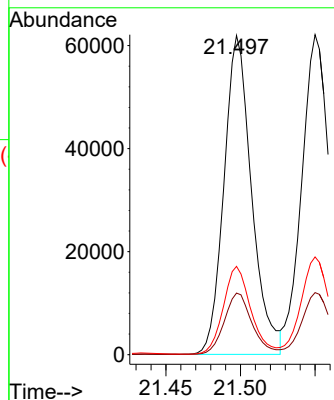
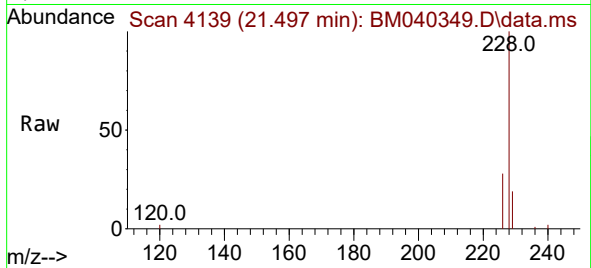




#21
Benzo(a)anthracene
Concen: 1.693 ng/ul
RT: 21.497 min Scan# 4119
Delta R.T. -0.003 min
Lab File: BM040349.D
Acq: 22 Jun 2023 15:22

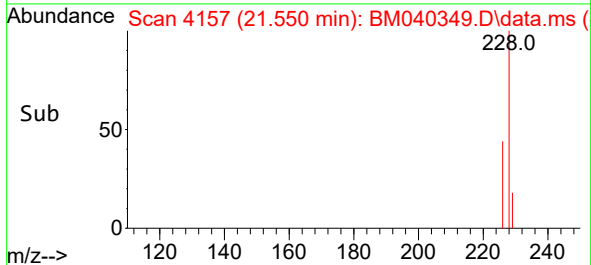
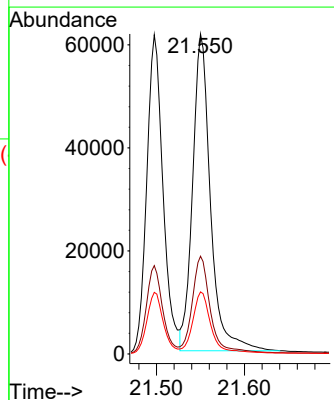
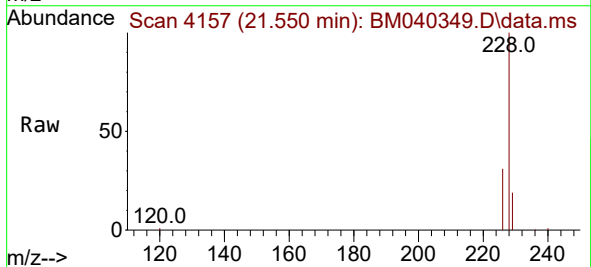
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

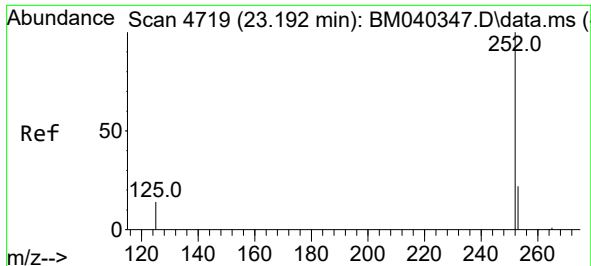
Tgt Ion:228 Resp: 79601
Ion Ratio Lower Upper
228 100
229 19.3 16.0 24.0
226 27.7 22.3 33.5



#22
Chrysene
Concen: 1.616 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040349.D
Acq: 22 Jun 2023 15:22

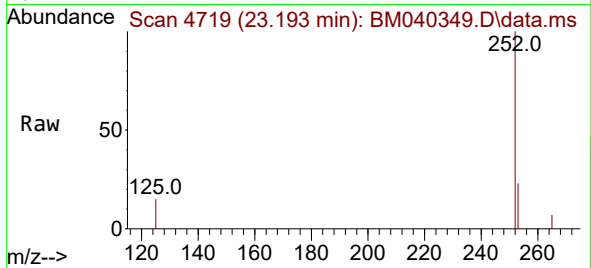
Tgt Ion:228 Resp: 86706
Ion Ratio Lower Upper
228 100
226 30.5 24.9 37.3
229 19.4 15.8 23.6



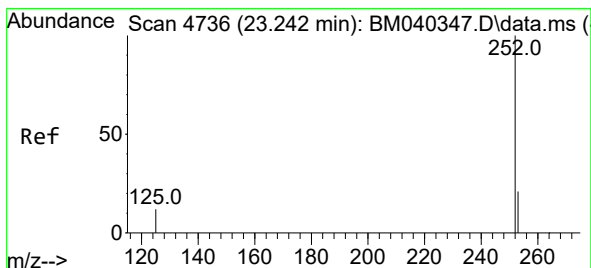
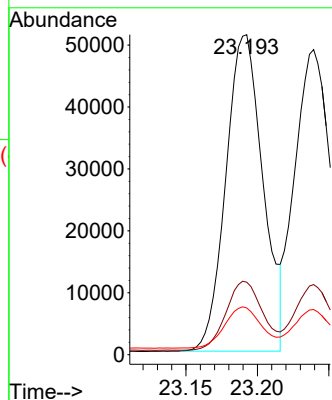
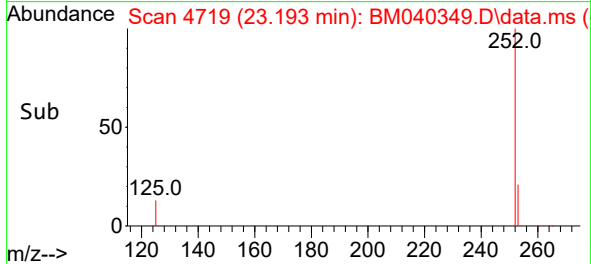


#24
Benzo(b)fluoranthene
Concen: 1.677 ng/ul
RT: 23.193 min Scan# 4719
Delta R.T. 0.000 min
Lab File: BM040349.D
Acq: 22 Jun 2023 15:22

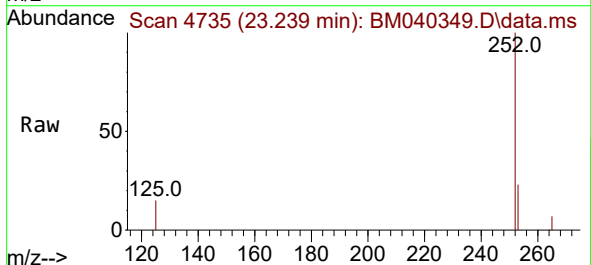
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026



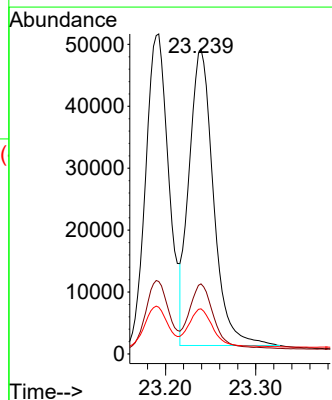
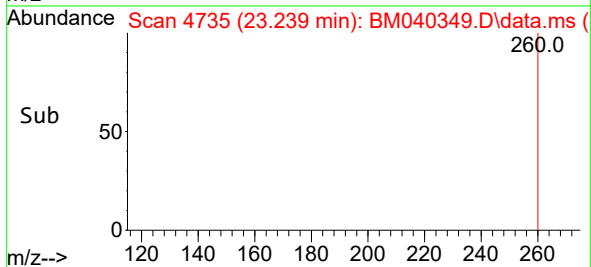
Tgt Ion:252 Resp: 92305
Ion Ratio Lower Upper
252 100
253 22.6 0.0 52.8
125 14.6 0.0 43.0

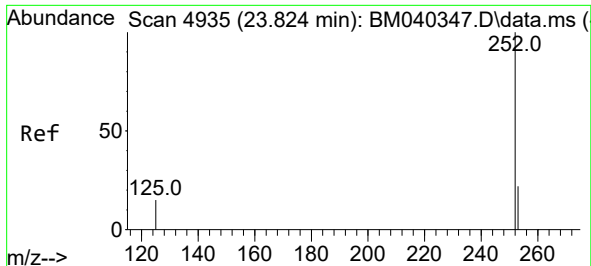


#25
Benzo(k)fluoranthene
Concen: 1.657 ng/ul
RT: 23.239 min Scan# 4735
Delta R.T. -0.003 min
Lab File: BM040349.D
Acq: 22 Jun 2023 15:22



Tgt Ion:252 Resp: 89885
Ion Ratio Lower Upper
252 100
253 23.0 21.2 31.8
125 14.8 16.4 24.6#

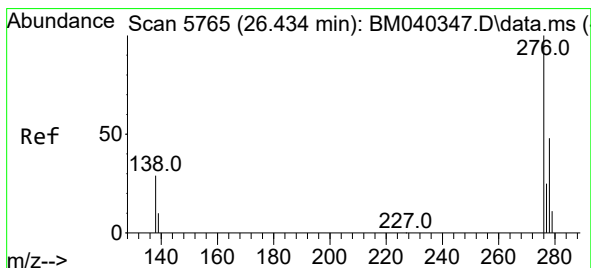
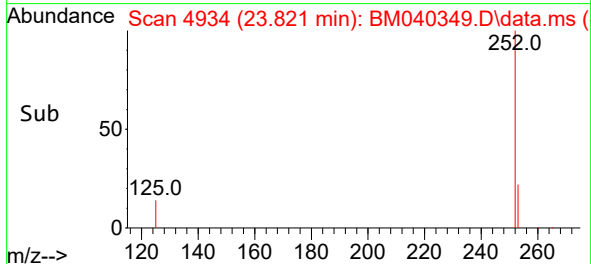
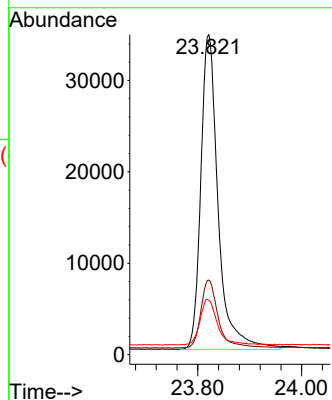
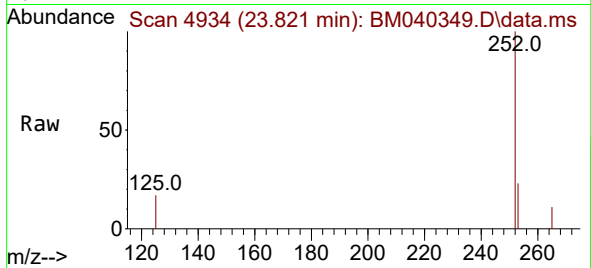




#26
Benzo(a)pyrene
Concen: 1.608 ng/ul
RT: 23.821 min Scan# 4934
Delta R.T. -0.003 min
Lab File: BM040349.D
Acq: 22 Jun 2023 15:22

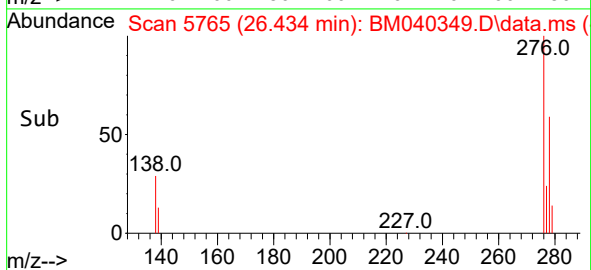
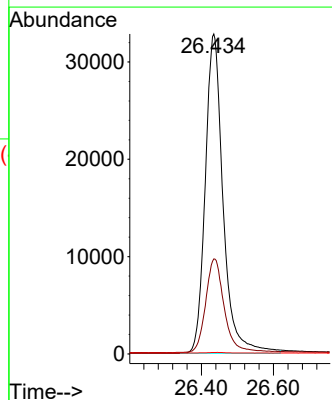
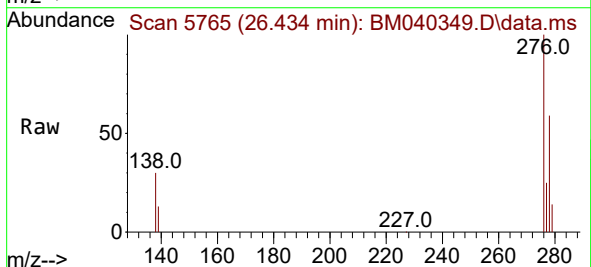
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

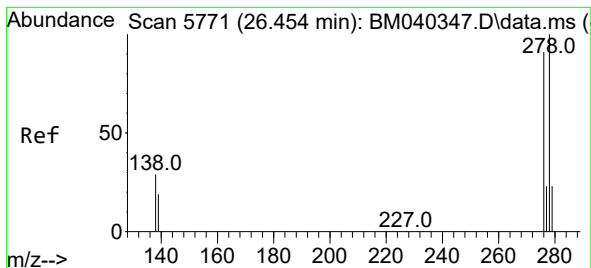
Tgt Ion:252 Resp: 79732
Ion Ratio Lower Upper
252 100
253 23.3 22.9 34.3
125 17.0 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.633 ng/ul
RT: 26.434 min Scan# 5765
Delta R.T. 0.000 min
Lab File: BM040349.D
Acq: 22 Jun 2023 15:22

Tgt Ion:276 Resp: 112703
Ion Ratio Lower Upper
276 100
138 30.9 24.5 36.7
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 1.649 ng/ul

RT: 26.451 min Scan# 5

Delta R.T. -0.003 min

Lab File: BM040349.D

Acq: 22 Jun 2023 15:22

Instrument :

BNA_M

ClientSampleId :

SSTD1.6026

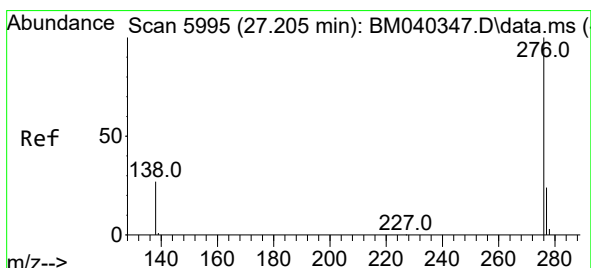
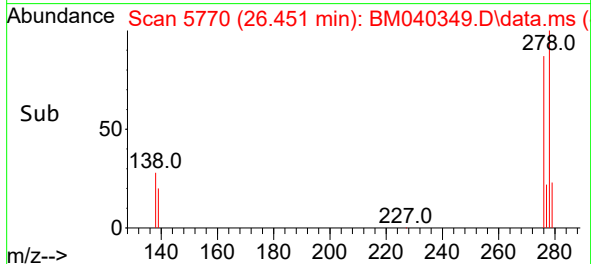
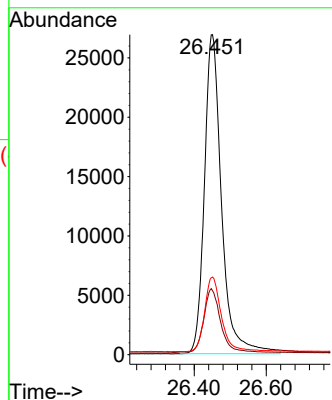
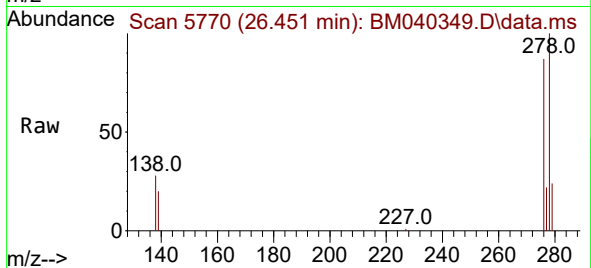
Tgt Ion:278 Resp: 89154

Ion Ratio Lower Upper

278 100

139 20.0 17.9 26.9

279 24.3 22.0 33.0



#29

Benzo(g,h,i)perylene

Concen: 1.588 ng/ul

RT: 27.202 min Scan# 5994

Delta R.T. -0.003 min

Lab File: BM040349.D

Acq: 22 Jun 2023 15:22

Tgt Ion:276 Resp: 96119

Ion Ratio Lower Upper

276 100

138 26.6 23.0 34.6

277 23.7 20.3 30.5

