

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092123\
 Data File : BM041975.D
 Acq On : 22 Sep 2023 02:03
 Operator : MA/JU
 Sample : PB155514BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS514

Quant Time: Sep 22 03:28:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:25:00 2023
 Response via : Initial Calibration

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

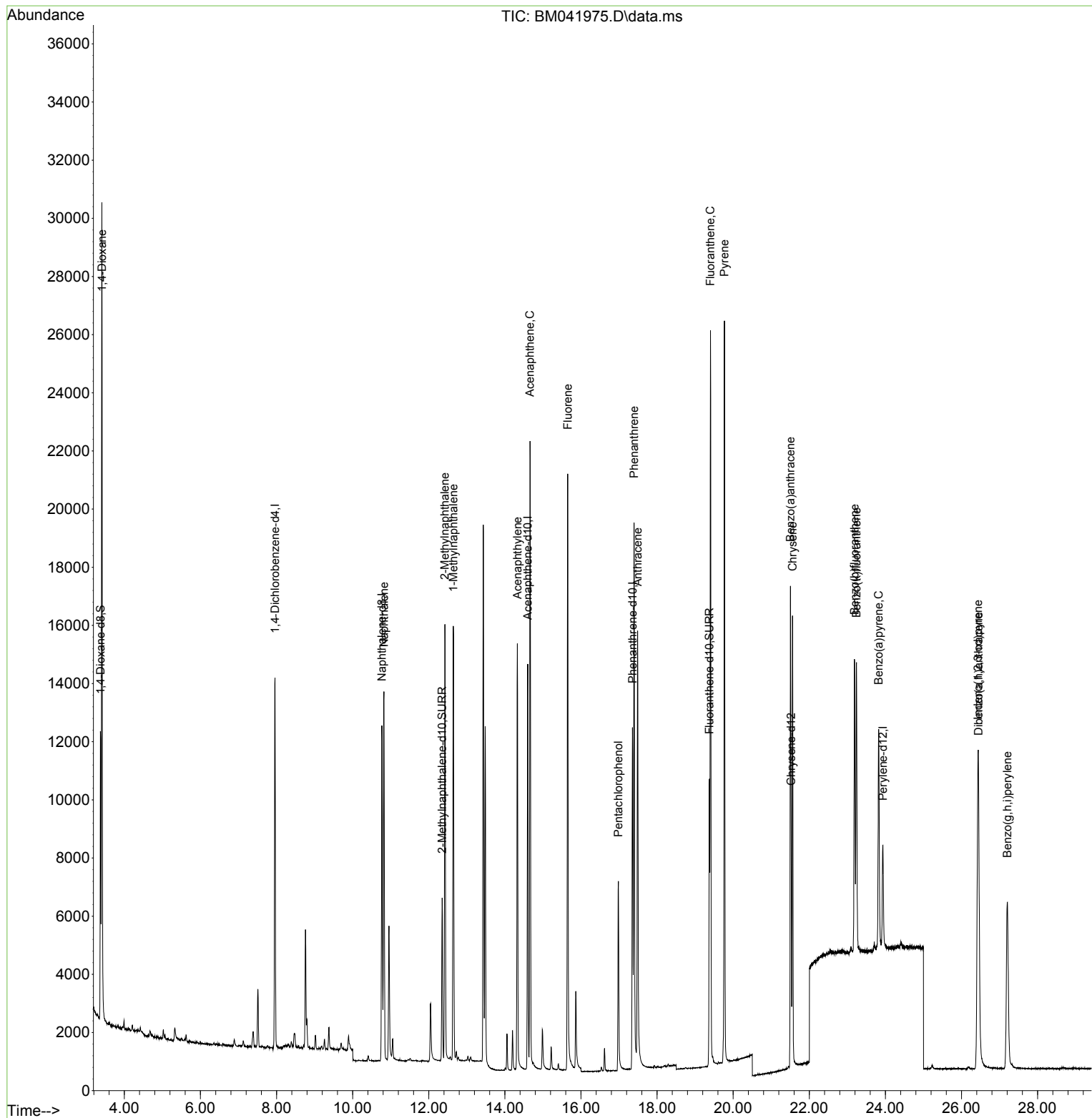
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	6372	0.400	ng/ul	0.00
4) Naphthalene-d8	10.768	136	15003	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	7112	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	13234	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.524	240	4706	0.400	ng/ul	# 0.00
23) Perylene-d12	23.933	264	5006	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.377	96	5646	0.756	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	7021	0.341	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	8788	0.506	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	17253	2.222	ng/ul#	80
5) Naphthalene	10.823	128	17202	0.348	ng/ul	100
7) 2-Methylnaphthalene	12.423	142	10739	0.343	ng/ul	99
8) 1-Methylnaphthalene	12.649	142	10416	0.327	ng/ul	99
10) Acenaphthylene	14.328	152	17287	0.354	ng/ul	99
11) Acenaphthene	14.662	153	12500	0.371	ng/ul	97
12) Fluorene	15.652	166	13948	0.354	ng/ul	99
14) Pentachlorophenol	16.983	266	4595	0.584	ng/ul	100
15) Phenanthrene	17.396	178	20874	0.389	ng/ul	99
16) Anthracene	17.489	178	18409	0.359	ng/ul	100
19) Fluoranthene	19.404	202	20329	0.574	ng/ul#	93
20) Pyrene	19.771	202	20635	0.558	ng/ul	95
21) Benzo(a)anthracene	21.507	228	13245	0.452	ng/ul	99
22) Chrysene	21.559	228	13391	0.488	ng/ul	98
24) Benzo(b)fluoranthene	23.187	252	12797	0.450	ng/ul	95
25) Benzo(k)fluoranthene	23.240	252	13007	0.476	ng/ul	96
26) Benzo(a)pyrene	23.825	252	11780	0.492	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.432	276	15604	0.492	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.448	278	11372	0.481	ng/ul	96
29) Benzo(g,h,i)perylene	27.206	276	13235	0.510	ng/ul	93

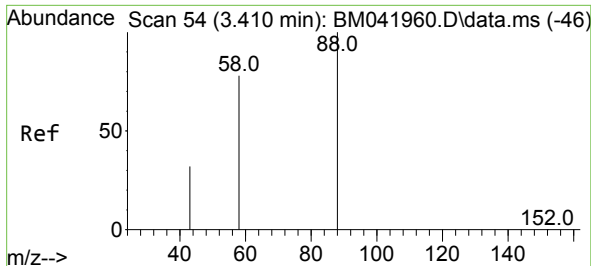
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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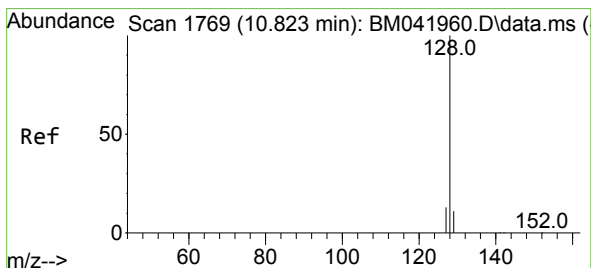
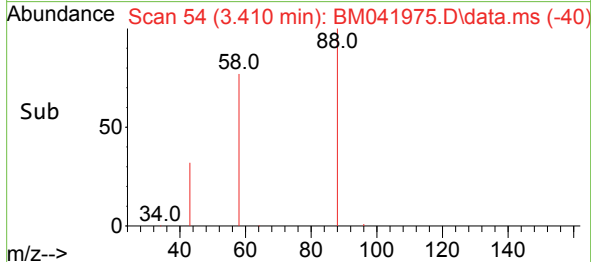
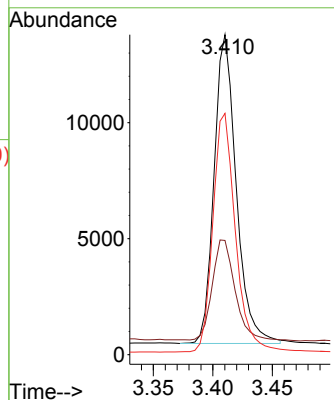
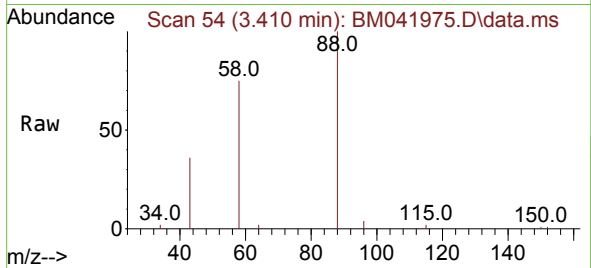




#2
1,4-Dioxane
Concen: 2.222 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. 0.000 min
Lab File: BM041975.D
Acq: 22 Sep 2023 02:03

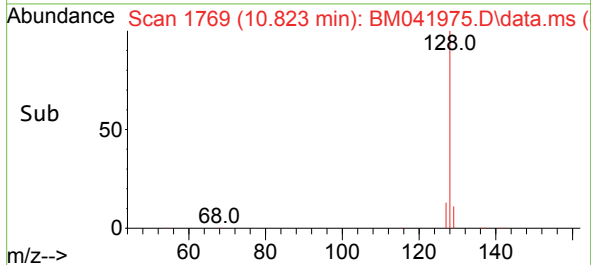
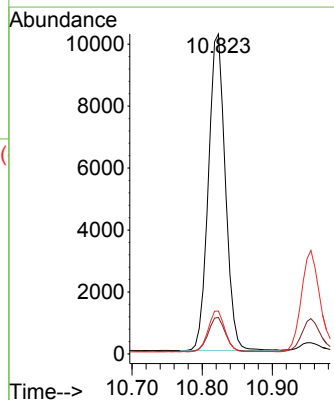
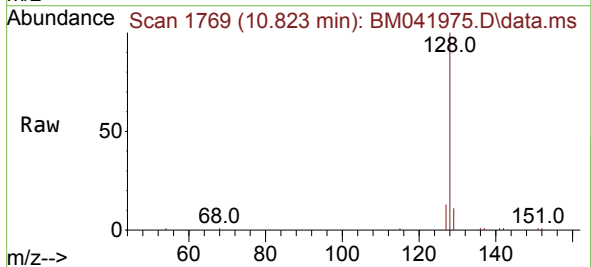
Instrument :
BNA_M
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SLCS514

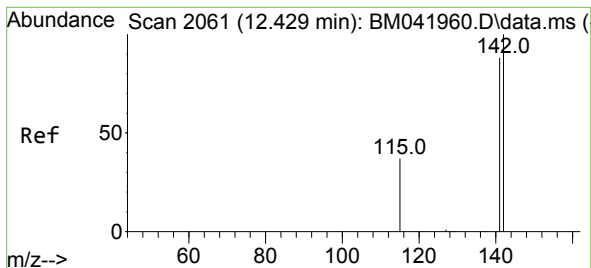
Tgt Ion: 88 Resp: 17253
Ion Ratio Lower Upper
88 100
43 35.7 51.0 76.4#
58 75.4 56.2 84.4



#5
Naphthalene
Concen: 0.348 ng/ul
RT: 10.823 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BM041975.D
Acq: 22 Sep 2023 02:03

Tgt Ion:128 Resp: 17202
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.4 10.6 16.0

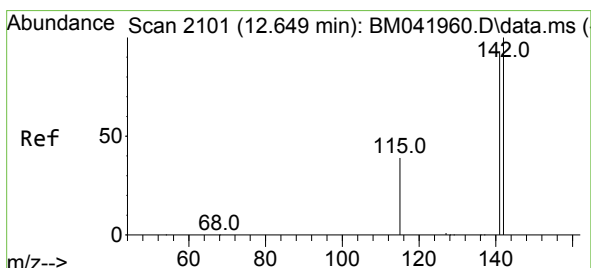
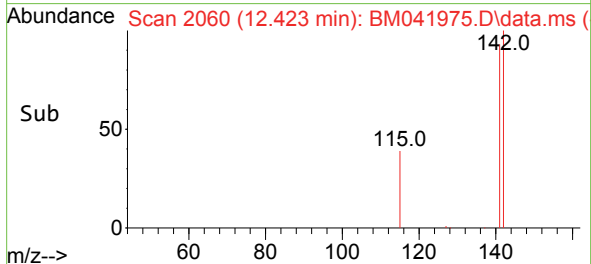
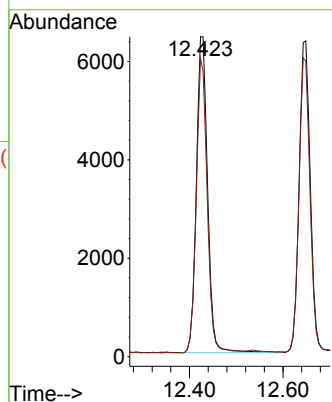
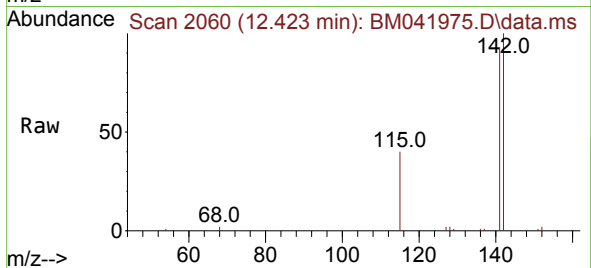




#7
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.423 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BM041975.D
Acq: 22 Sep 2023 02:03

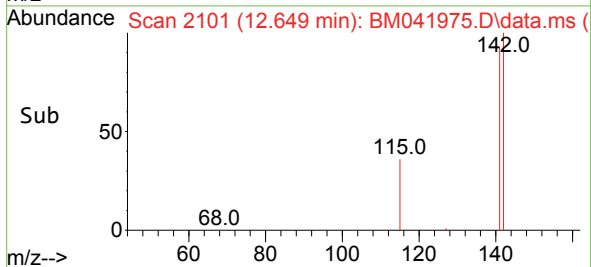
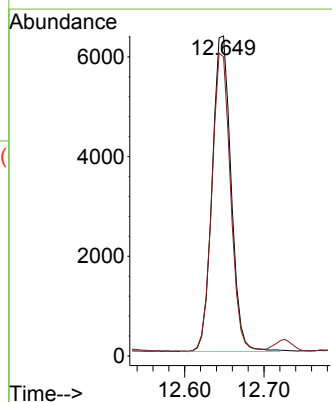
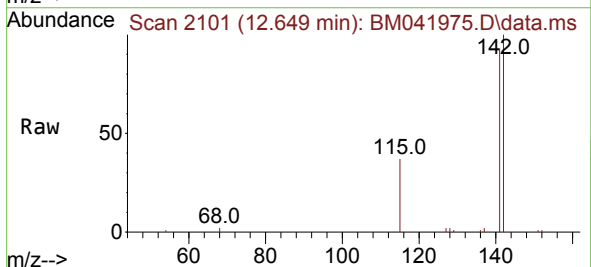
Instrument :
BNA_M
ClientSampleId :
SLCS514

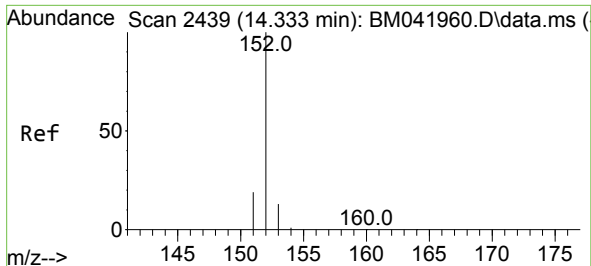
Tgt Ion:142 Resp: 10739
Ion Ratio Lower Upper
142 100
141 90.0 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.649 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM041975.D
Acq: 22 Sep 2023 02:03

Tgt Ion:142 Resp: 10416
Ion Ratio Lower Upper
142 100
141 93.3 73.9 110.9

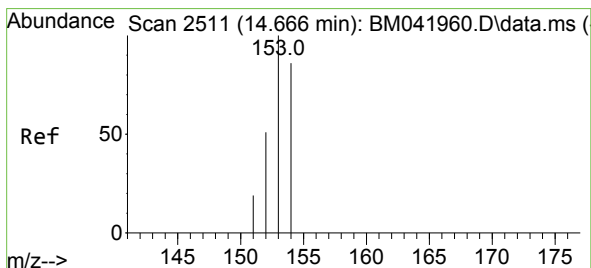
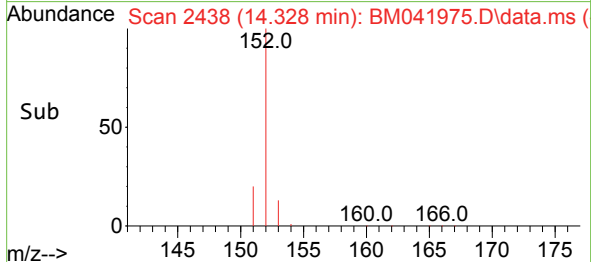
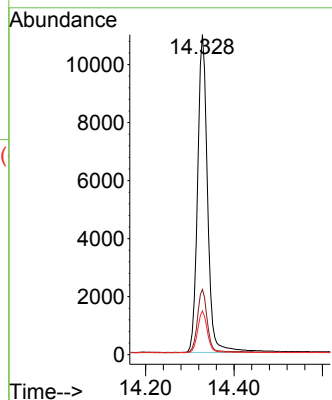
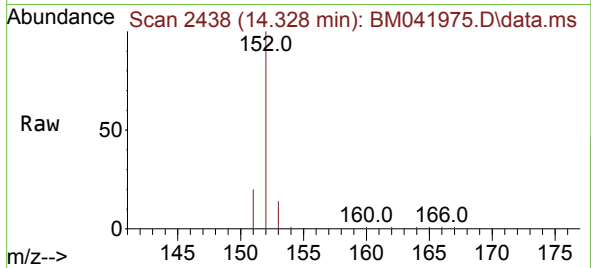




#10
Acenaphthylene
Concen: 0.354 ng/ul
RT: 14.328 min Scan# 2438
Delta R.T. -0.004 min
Lab File: BM041975.D
Acq: 22 Sep 2023 02:03

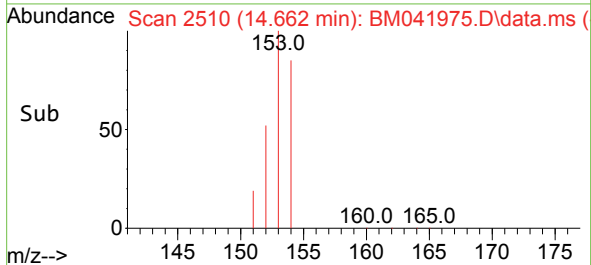
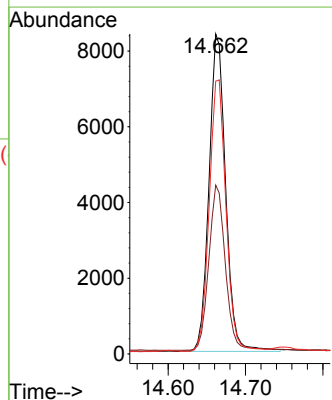
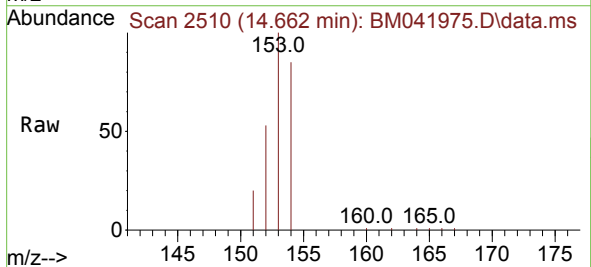
Instrument :
BNA_M
ClientSampleId :
SLCS514

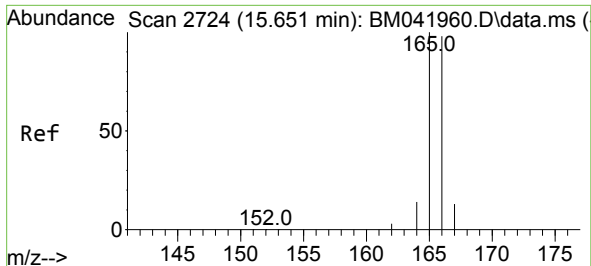
Tgt Ion:152	Resp:	17287
Ion Ratio	Lower	Upper
152	100	
151	20.4	16.4 24.6
153	13.7	10.6 16.0



#11
Acenaphthene
Concen: 0.371 ng/ul
RT: 14.662 min Scan# 2510
Delta R.T. -0.004 min
Lab File: BM041975.D
Acq: 22 Sep 2023 02:03

Tgt Ion:153	Resp:	12500
Ion Ratio	Lower	Upper
153	100	
152	52.8	40.5 60.7
154	85.2	70.2 105.4

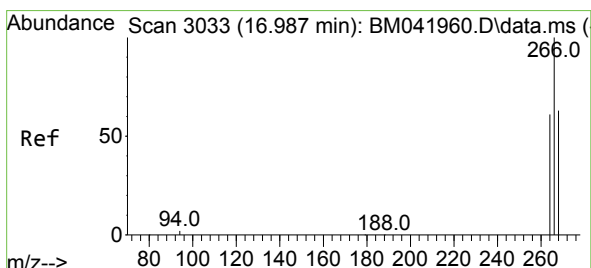
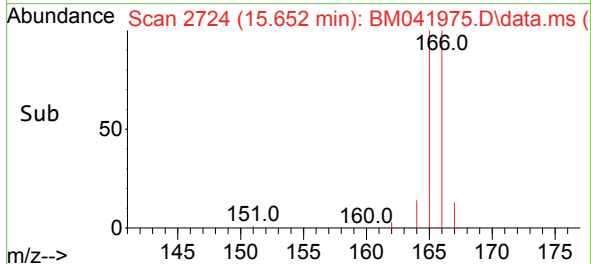
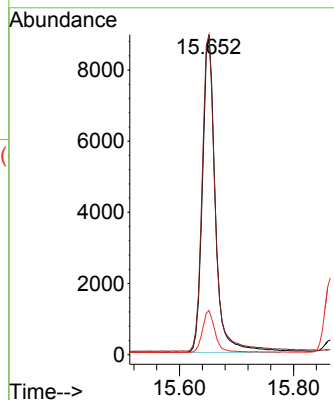
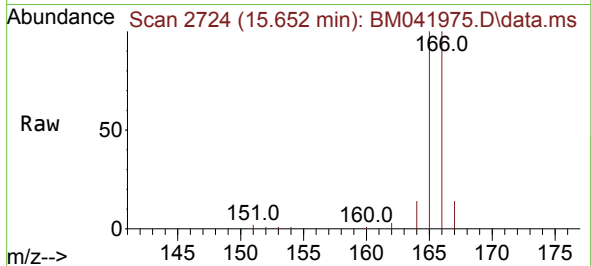




#12
Fluorene
Concen: 0.354 ng/ul
RT: 15.652 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041975.D
Acq: 22 Sep 2023 02:03

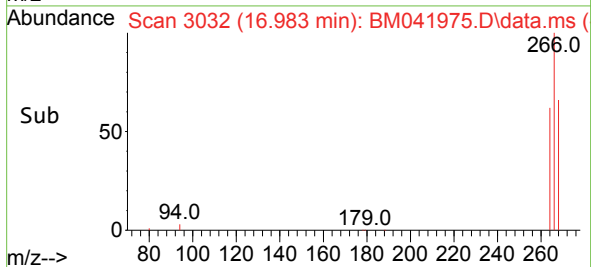
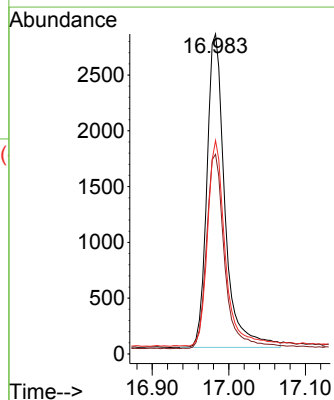
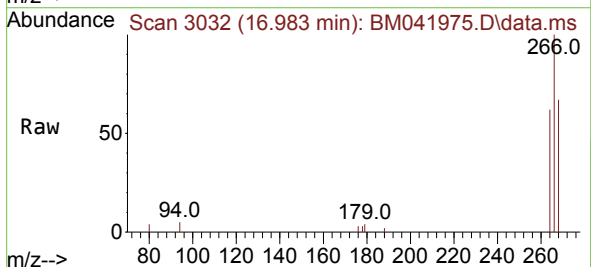
Instrument :
BNA_M
ClientSampleId :
SLCS514

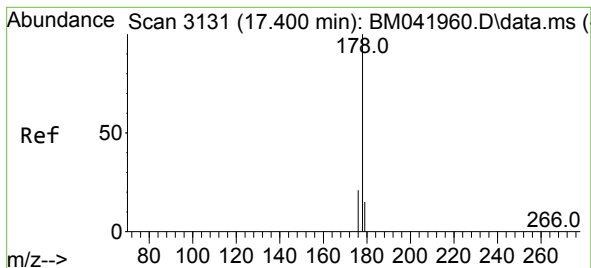
Tgt Ion:166 Resp: 13948
Ion Ratio Lower Upper
166 100
165 100.2 81.4 122.0
167 13.8 11.0 16.6



#14
Pentachlorophenol
Concen: 0.584 ng/ul
RT: 16.983 min Scan# 3032
Delta R.T. -0.004 min
Lab File: BM041975.D
Acq: 22 Sep 2023 02:03

Tgt Ion:266 Resp: 4595
Ion Ratio Lower Upper
266 100
264 62.9 49.8 74.8
268 64.1 51.3 76.9





#15

Phenanthrene

Concen: 0.389 ng/ul

RT: 17.396 min Scan# 3131

Delta R.T. -0.004 min

Lab File: BM041975.D

Acq: 22 Sep 2023 02:03

Instrument :

BNA_M

ClientSampleId :

SLCS514

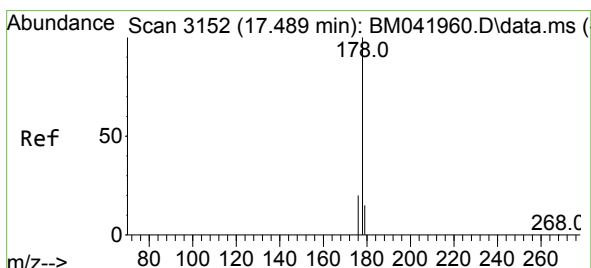
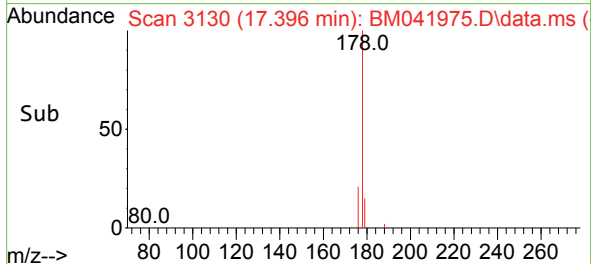
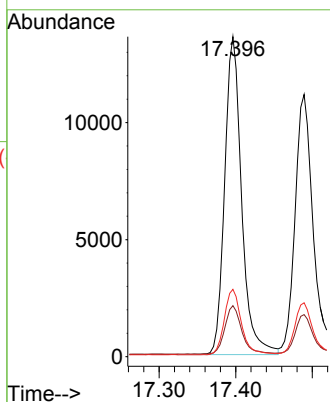
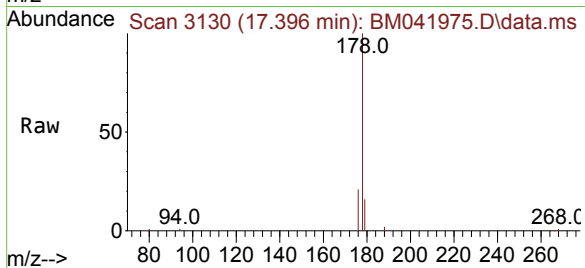
Tgt Ion:178 Resp: 20874

Ion Ratio Lower Upper

178 100

179 16.0 12.6 18.8

176 21.1 16.1 24.1



#16

Anthracene

Concen: 0.359 ng/ul

RT: 17.489 min Scan# 3152

Delta R.T. 0.000 min

Lab File: BM041975.D

Acq: 22 Sep 2023 02:03

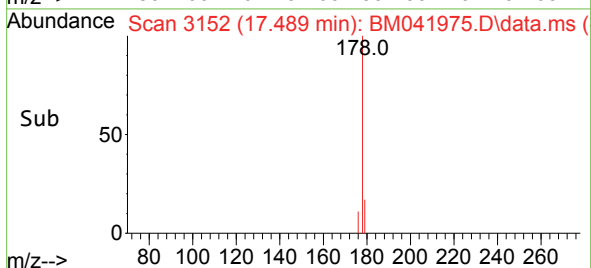
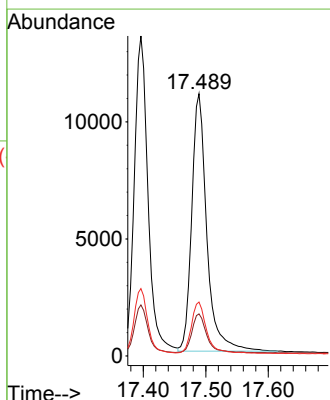
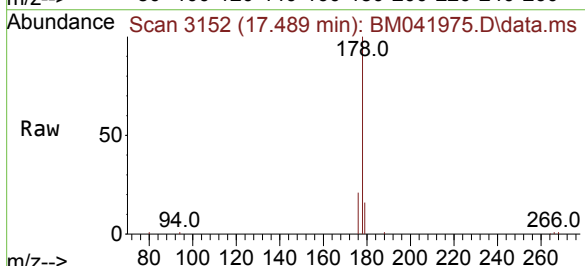
Tgt Ion:178 Resp: 18409

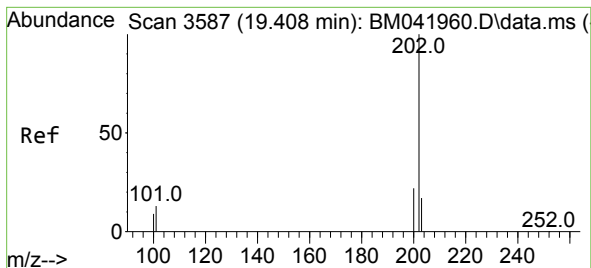
Ion Ratio Lower Upper

178 100

179 16.0 12.9 19.3

176 20.6 16.3 24.5





#19

Fluoranthene

Concen: 0.574 ng/ul

RT: 19.404 min Scan# 3

Delta R.T. -0.004 min

Lab File: BM041975.D

Acq: 22 Sep 2023 02:03

Instrument :

BNA_M

ClientSampleId :

SLCS514

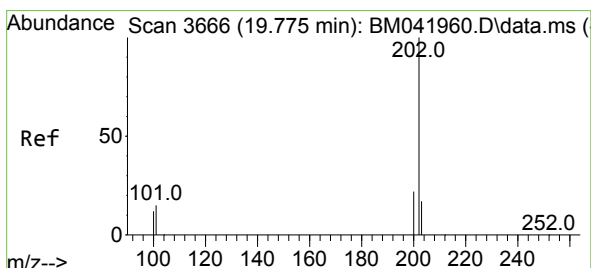
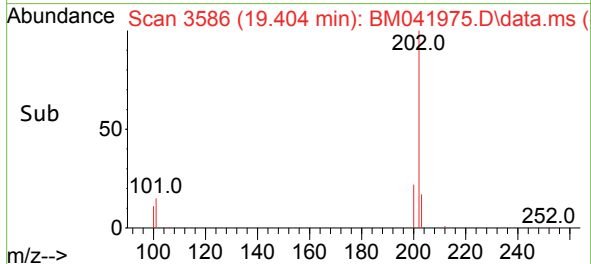
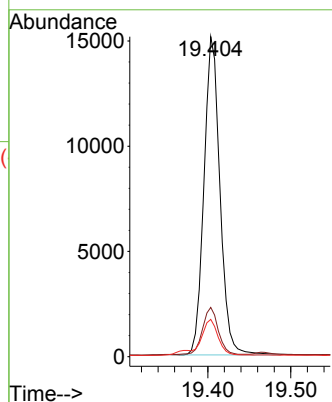
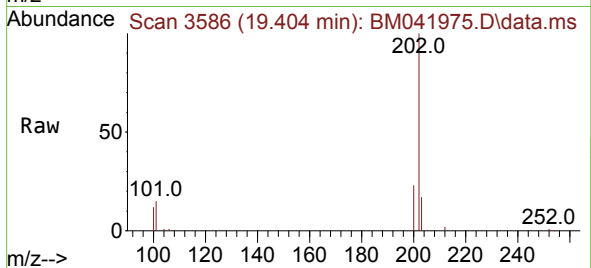
Tgt Ion:202 Resp: 20329

Ion Ratio Lower Upper

202 100

101 15.4 10.1 15.1#

100 11.7 7.5 11.3#



#20

Pyrene

Concen: 0.558 ng/ul

RT: 19.771 min Scan# 3665

Delta R.T. -0.004 min

Lab File: BM041975.D

Acq: 22 Sep 2023 02:03

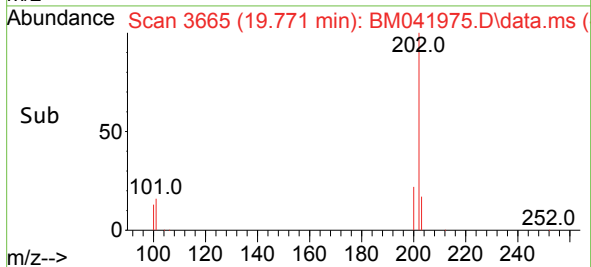
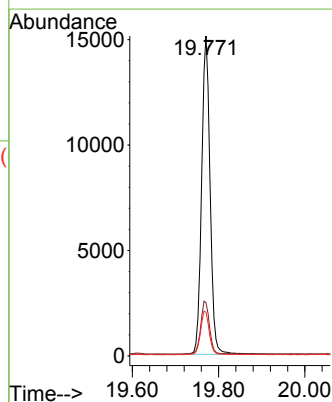
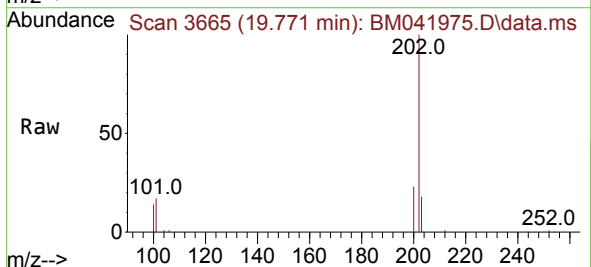
Tgt Ion:202 Resp: 20635

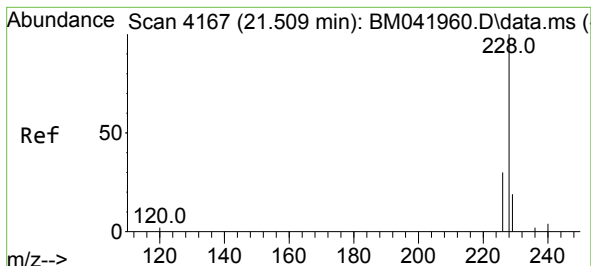
Ion Ratio Lower Upper

202 100

101 16.6 11.8 17.6

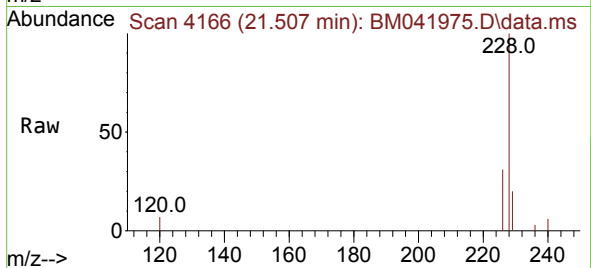
100 13.7 9.3 13.9



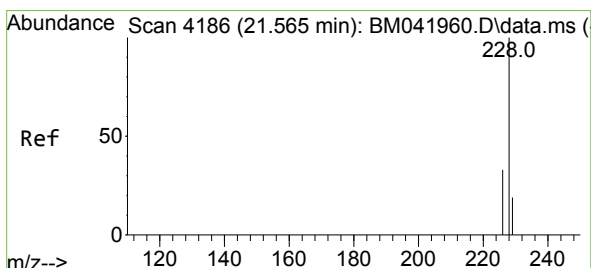
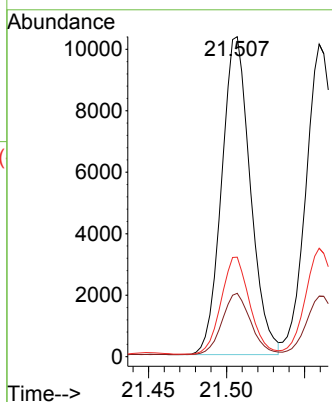
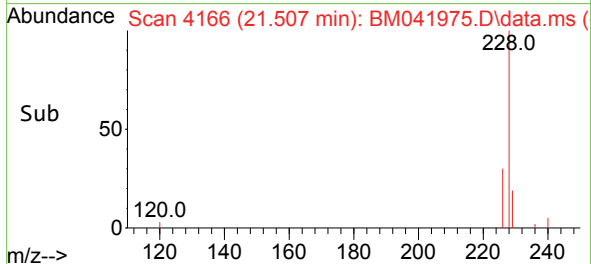


#21
Benzo(a)anthracene
Concen: 0.452 ng/ul
RT: 21.507 min Scan# 4167
Delta R.T. -0.003 min
Lab File: BM041975.D
Acq: 22 Sep 2023 02:03

Instrument :
BNA_M
ClientSampleId :
SLCS514

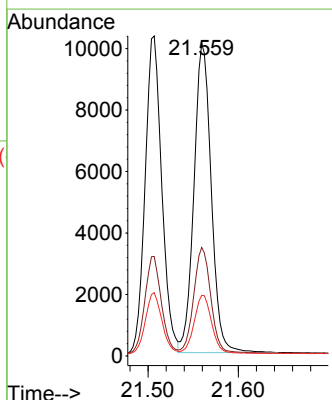
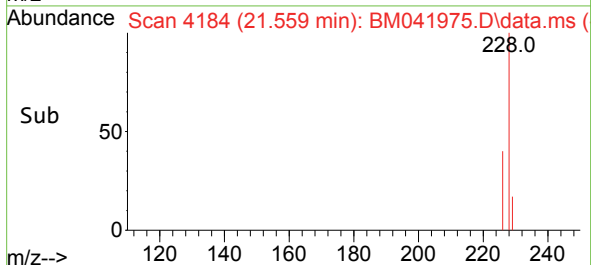
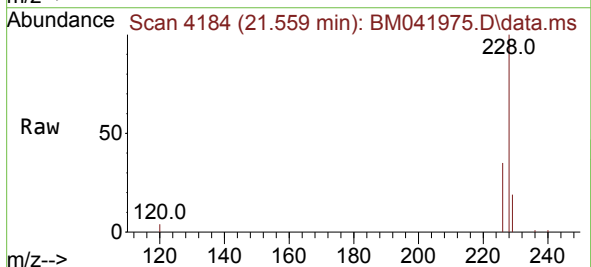


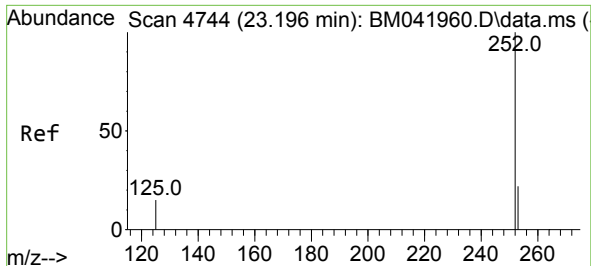
Tgt Ion:228 Resp: 13245
Ion Ratio Lower Upper
228 100
229 19.8 16.6 24.8
226 31.1 24.6 37.0



#22
Chrysene
Concen: 0.488 ng/ul
RT: 21.559 min Scan# 4184
Delta R.T. -0.006 min
Lab File: BM041975.D
Acq: 22 Sep 2023 02:03

Tgt Ion:228 Resp: 13391
Ion Ratio Lower Upper
228 100
226 34.7 27.3 40.9
229 19.4 16.6 25.0

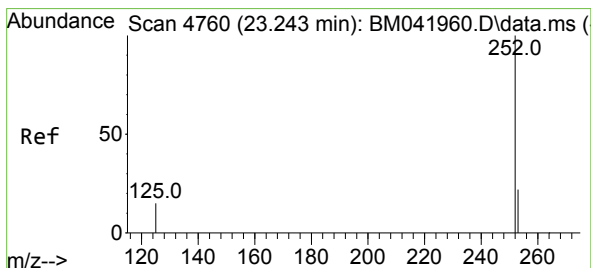
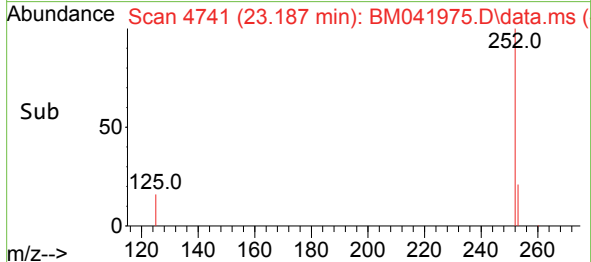
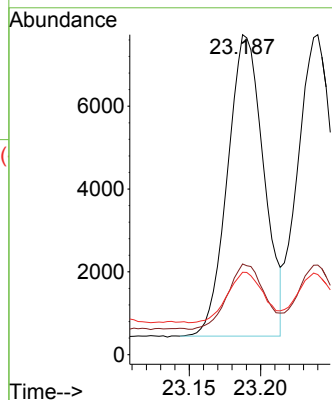
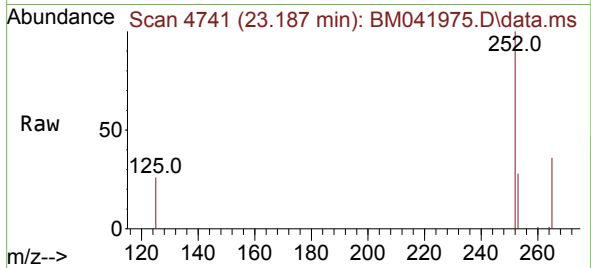




#24
Benzo(b)fluoranthene
Concen: 0.450 ng/ul
RT: 23.187 min Scan# 4741
Delta R.T. -0.009 min
Lab File: BM041975.D
Acq: 22 Sep 2023 02:03

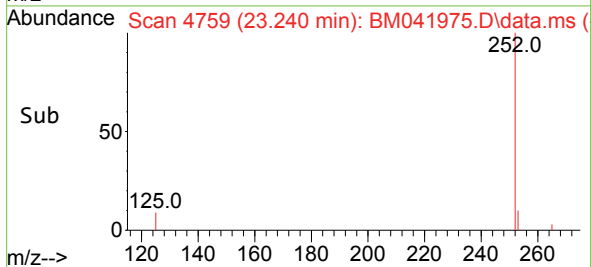
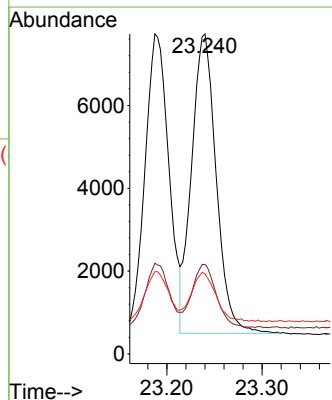
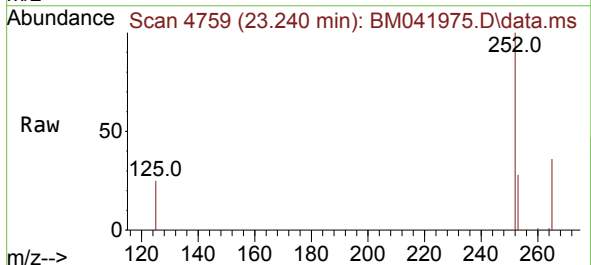
Instrument :
BNA_M
ClientSampleId :
SLCS514

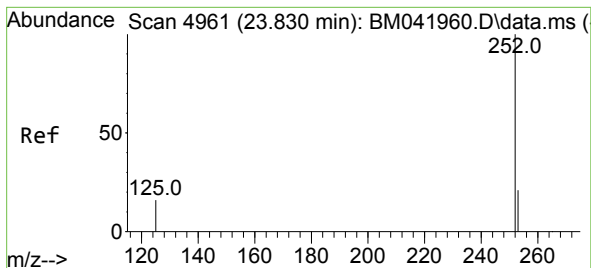
Tgt Ion:252 Resp: 12797
Ion Ratio Lower Upper
252 100
253 28.3 0.0 54.6
125 25.8 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.476 ng/ul
RT: 23.240 min Scan# 4759
Delta R.T. -0.003 min
Lab File: BM041975.D
Acq: 22 Sep 2023 02:03

Tgt Ion:252 Resp: 13007
Ion Ratio Lower Upper
252 100
253 28.0 21.8 32.8
125 25.0 17.4 26.2





#26

Benzo(a)pyrene

Concen: 0.492 ng/ul

RT: 23.825 min Scan# 4959

Delta R.T. -0.006 min

Lab File: BM041975.D

Acq: 22 Sep 2023 02:03

Instrument :

BNA_M

ClientSampleId :

SLCS514

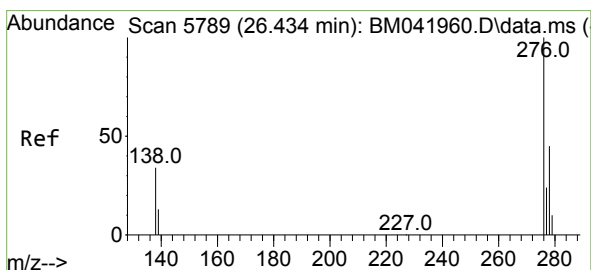
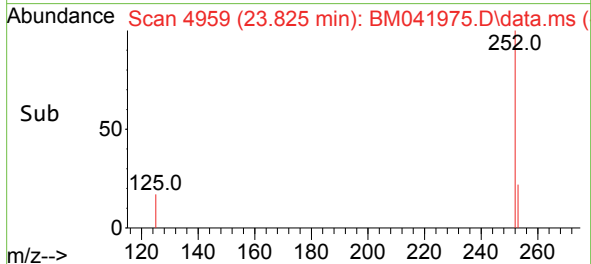
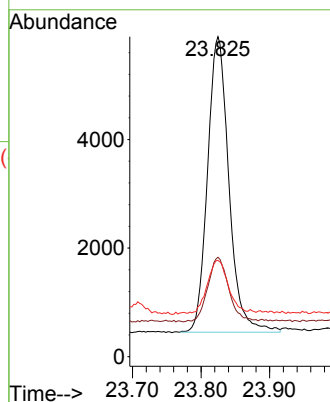
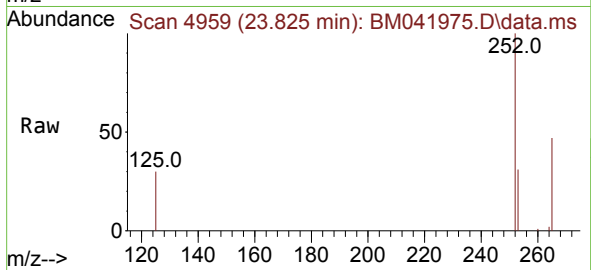
Tgt Ion:252 Resp: 11780

Ion Ratio Lower Upper

252 100

253 31.0 23.0 34.4

125 30.1 19.9 29.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.492 ng/ul

RT: 26.432 min Scan# 5788

Delta R.T. -0.003 min

Lab File: BM041975.D

Acq: 22 Sep 2023 02:03

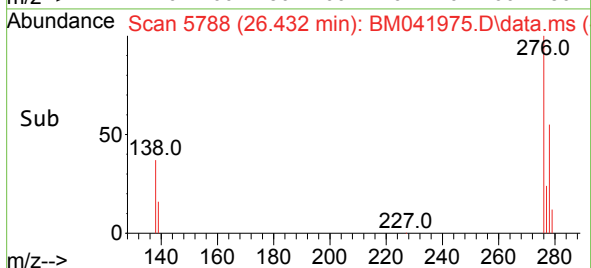
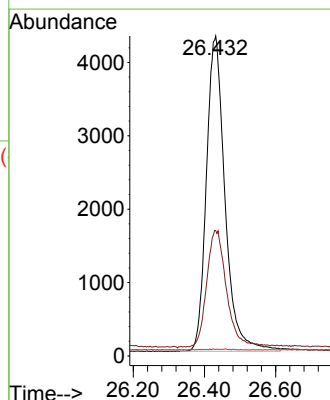
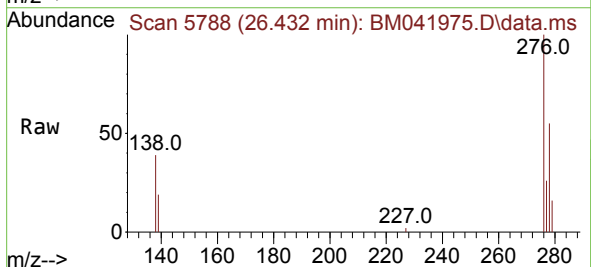
Tgt Ion:276 Resp: 15604

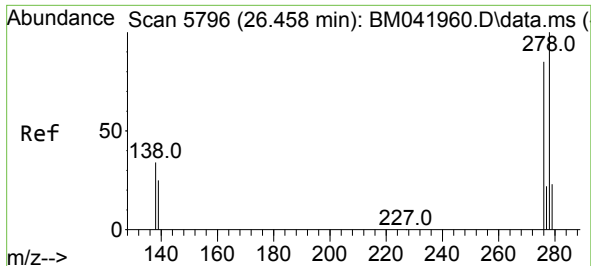
Ion Ratio Lower Upper

276 100

138 39.4 26.7 40.1

227 0.2 0.0 0.0#

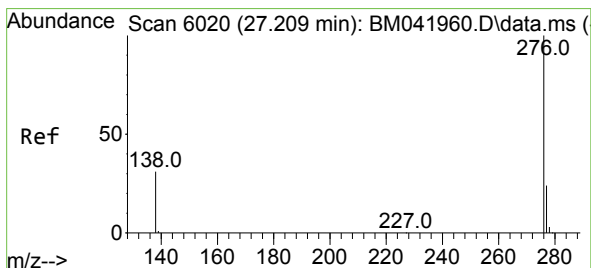
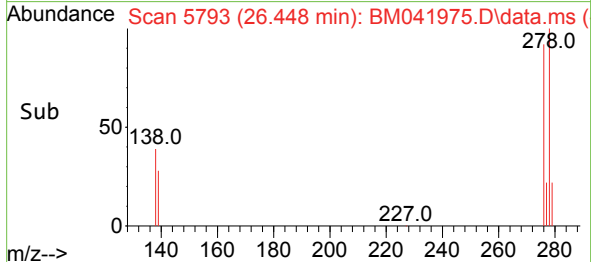
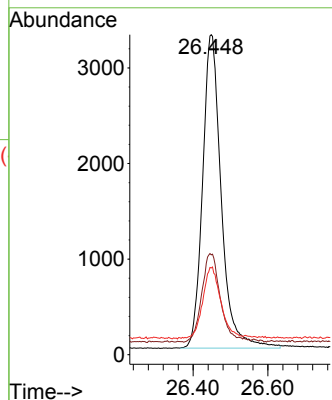
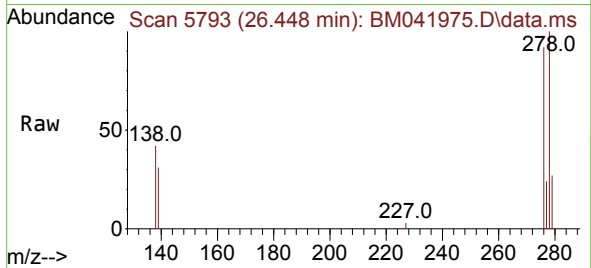




#28
Dibenzo(a,h)anthracene
Concen: 0.481 ng/ul
RT: 26.448 min Scan# 51
Delta R.T. -0.009 min
Lab File: BM041975.D
Acq: 22 Sep 2023 02:03

Instrument :
BNA_M
ClientSampleId :
SLCS514

Tgt Ion:278 Resp: 11372
Ion Ratio Lower Upper
278 100
139 31.2 22.6 33.8
279 27.1 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.510 ng/ul
RT: 27.206 min Scan# 6019
Delta R.T. -0.003 min
Lab File: BM041975.D
Acq: 22 Sep 2023 02:03

Tgt Ion:276 Resp: 13235
Ion Ratio Lower Upper
276 100
138 36.3 24.9 37.3
277 24.8 21.4 32.0

