

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020124\
 Data File : BM043961.D
 Acq On : 02 Feb 2024 00:17
 Operator : MA/JU
 Sample : PB158664BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS664

Quant Time: Feb 02 01:02:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 22:50:05 2024
 Response via : Initial Calibration

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

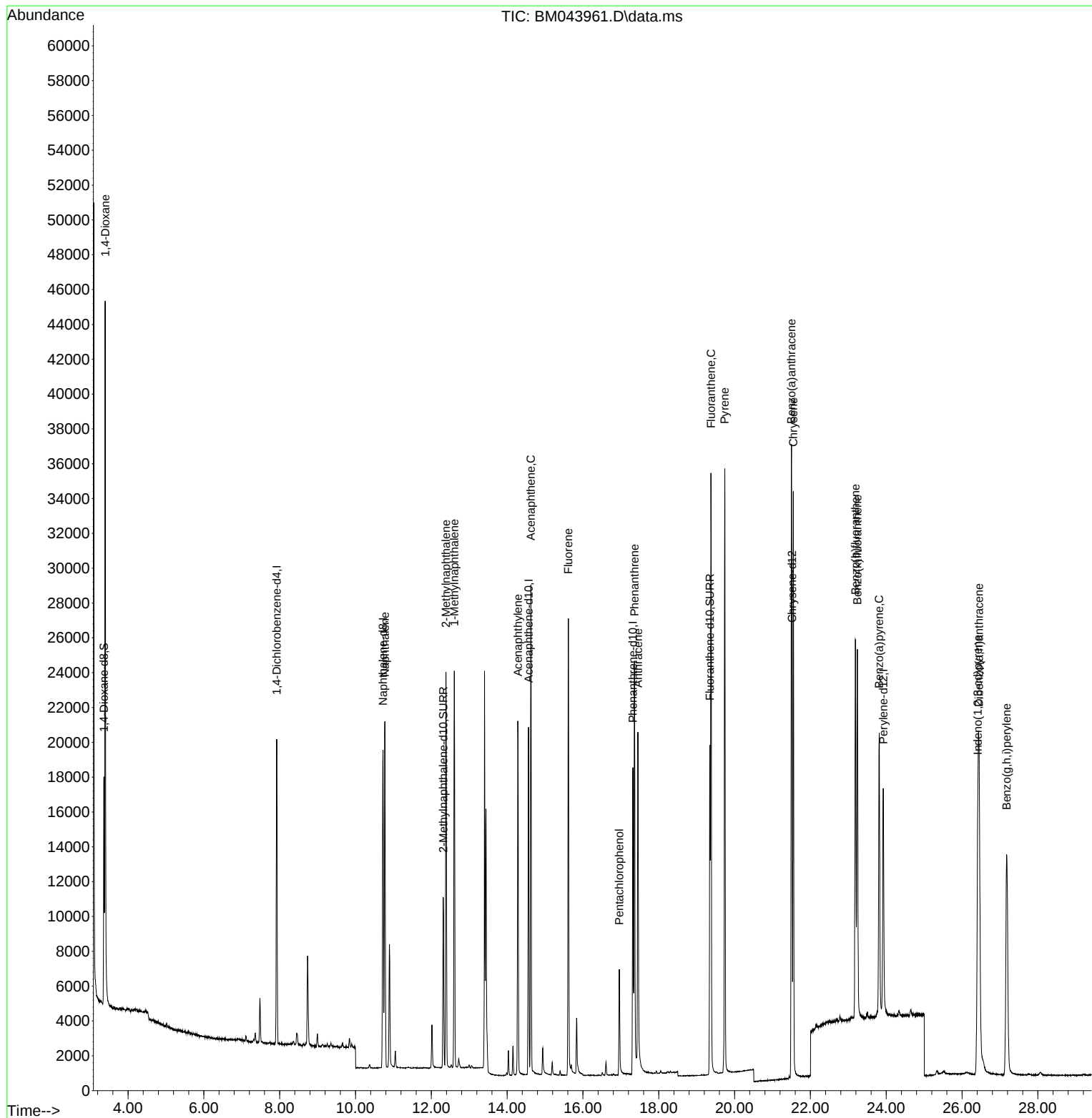
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	8755	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	24674	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.566	164	11197	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.317	188	22628	0.400	ng/ul	0.00
17) Chrysene-d12	21.514	240	16948	0.400	ng/ul	0.00
23) Perylene-d12	23.923	264	18887	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.365	96	8242	0.732	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	12311	0.381	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	20818	0.391	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	25432	2.152	ng/ul#	85
5) Naphthalene	10.776	128	27119	0.383	ng/ul	100
7) 2-Methylnaphthalene	12.387	142	15970	0.379	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	15481	0.370	ng/ul	100
10) Acenaphthylene	14.284	152	23050	0.379	ng/ul	99
11) Acenaphthene	14.626	153	16022	0.381	ng/ul	99
12) Fluorene	15.616	166	17454	0.378	ng/ul	98
14) Pentachlorophenol	16.959	266	4662	0.871	ng/ul	96
15) Phenanthrene	17.360	178	26668	0.387	ng/ul	98
16) Anthracene	17.453	178	26185	0.400	ng/ul	99
19) Fluoranthene	19.377	202	30207	0.387	ng/ul	98
20) Pyrene	19.740	202	30946	0.386	ng/ul	97
21) Benzo(a)anthracene	21.497	228	27677	0.391	ng/ul	100
22) Chrysene	21.549	228	29712	0.401	ng/ul	100
24) Benzo(b)fluoranthene	23.186	252	29326	0.406	ng/ul	99
25) Benzo(k)fluoranthene	23.239	252	30259	0.402	ng/ul	99
26) Benzo(a)pyrene	23.815	252	26715	0.406	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.413	276	35015	0.413	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.450	278	27985	0.414	ng/ul	100
29) Benzo(g,h,i)perylene	27.175	276	30141	0.412	ng/ul	100

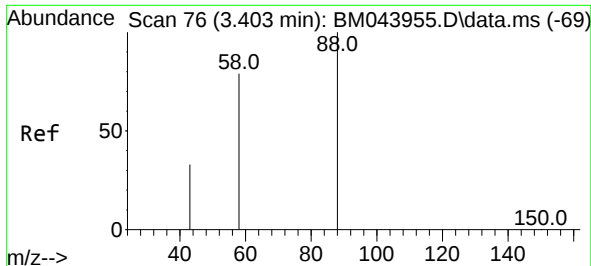
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 22:50:05 2024
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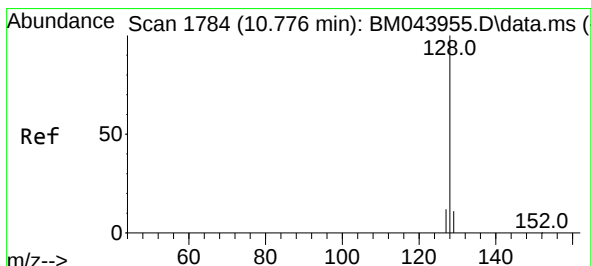
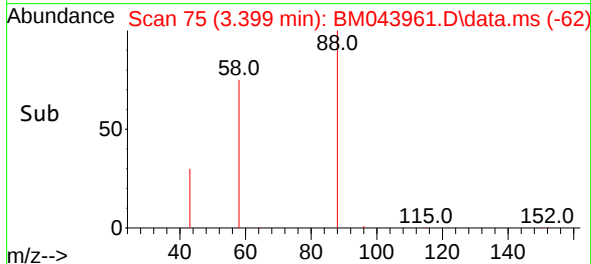
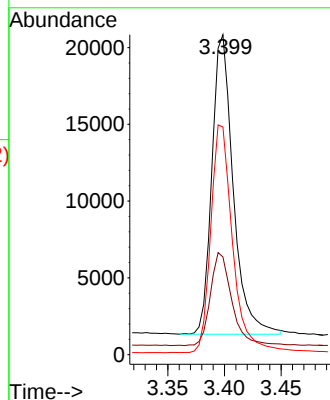
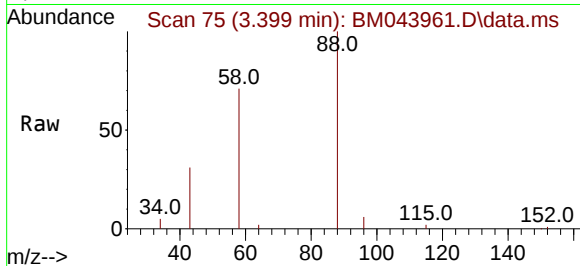




#2
1,4-Dioxane
Concen: 2.152 ng/ul
RT: 3.399 min Scan# 76
Delta R.T. -0.004 min
Lab File: BM043961.D
Acq: 02 Feb 2024 00:17

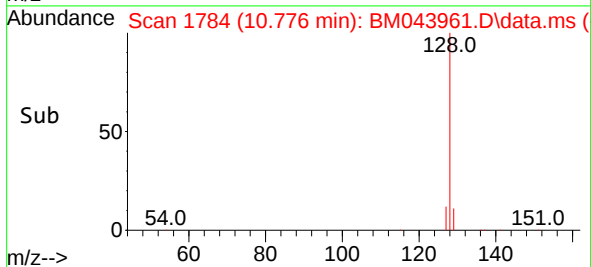
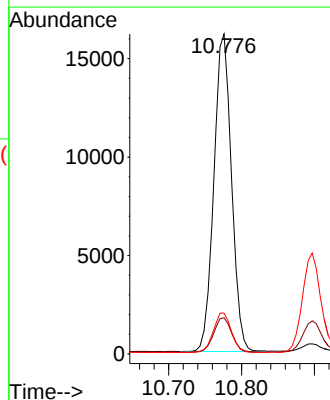
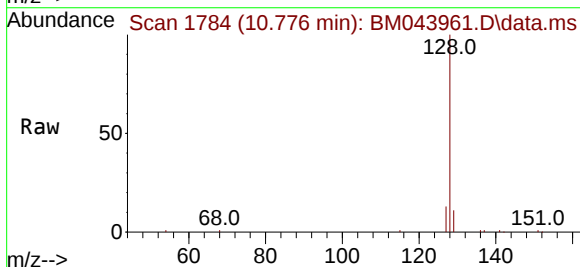
Instrument :
BNA_M
ClientSampleId :
SLCS664

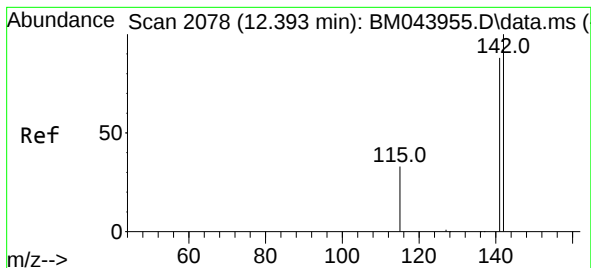
Tgt Ion: 88 Resp: 25432
Ion Ratio Lower Upper
88 100
43 30.5 27.1 40.7
58 71.1 44.6 67.0#



#5
Naphthalene
Concen: 0.383 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BM043961.D
Acq: 02 Feb 2024 00:17

Tgt Ion: 128 Resp: 27119
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 12.7 10.3 15.5

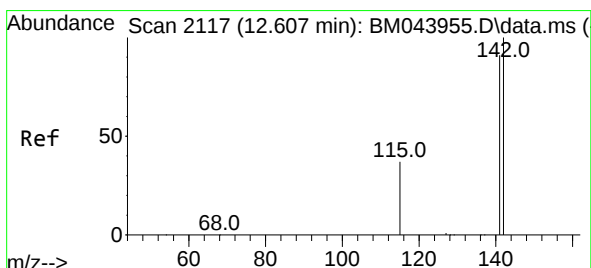
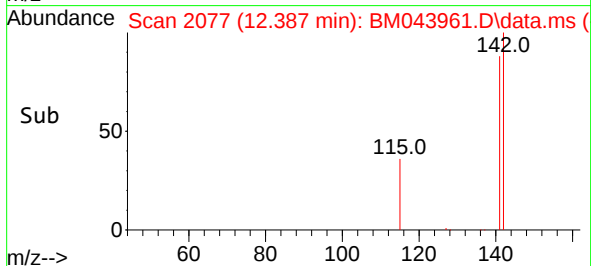
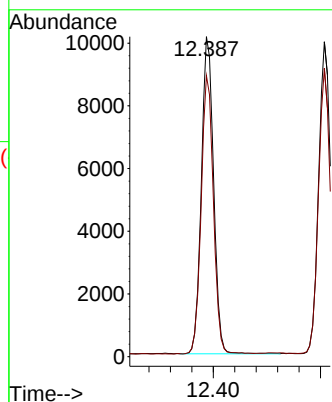
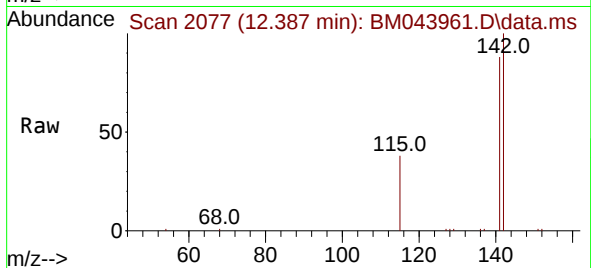




#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM043961.D
Acq: 02 Feb 2024 00:17

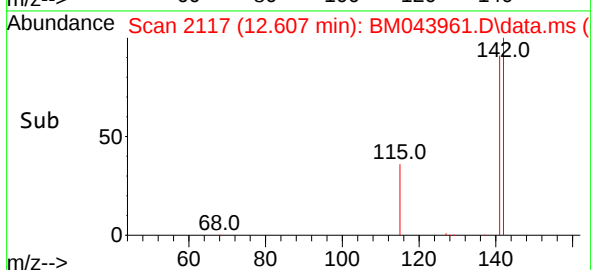
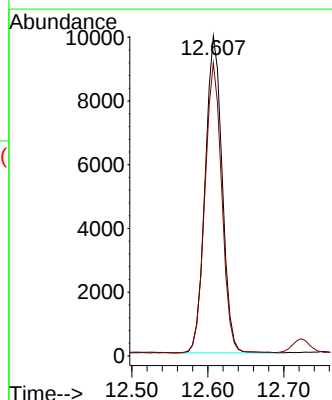
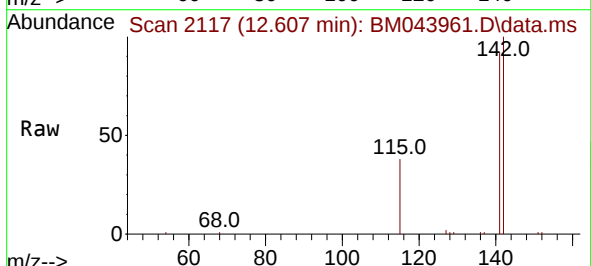
Instrument :
BNA_M
ClientSampleId :
SLCS664

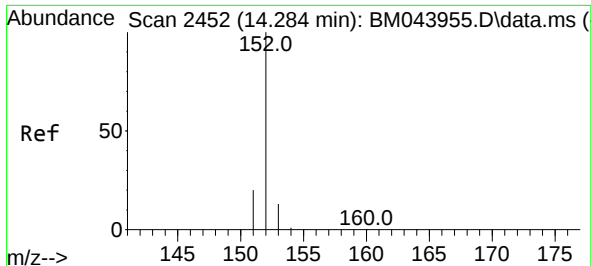
Tgt Ion:142 Resp: 15970
Ion Ratio Lower Upper
142 100
141 88.2 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM043961.D
Acq: 02 Feb 2024 00:17

Tgt Ion:142 Resp: 15481
Ion Ratio Lower Upper
142 100
141 90.7 72.9 109.3

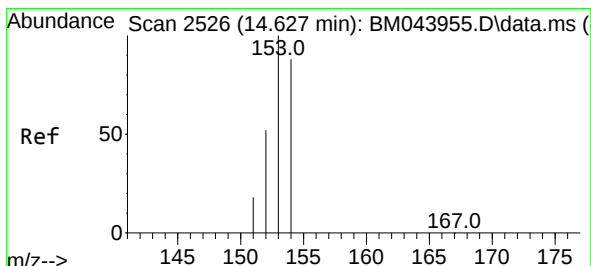
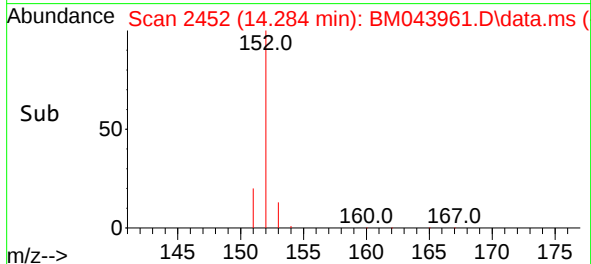
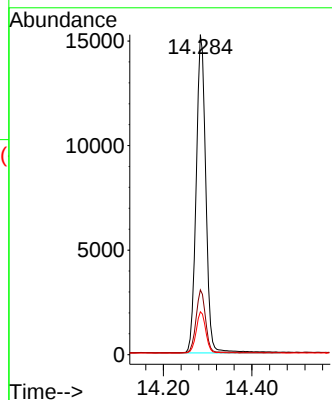
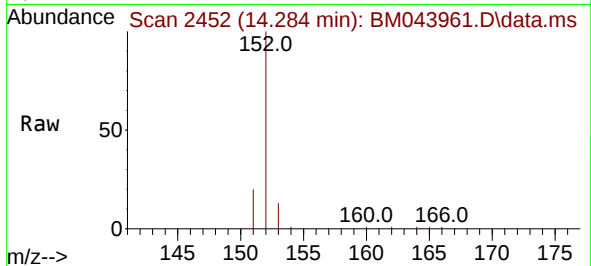




#10
Acenaphthylene
Concen: 0.379 ng/ul
RT: 14.284 min Scan# 2452
Delta R.T. -0.005 min
Lab File: BM043961.D
Acq: 02 Feb 2024 00:17

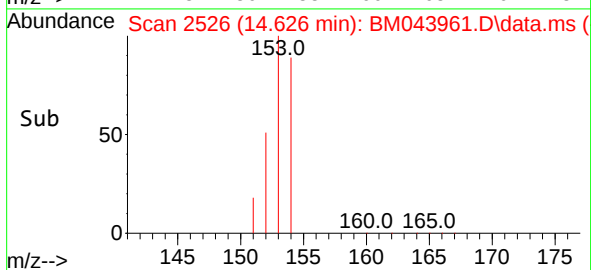
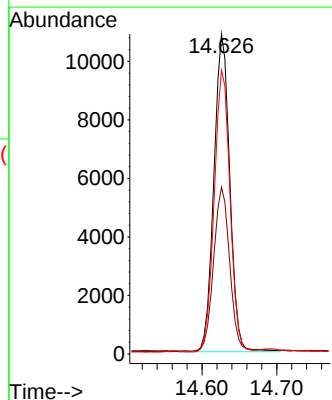
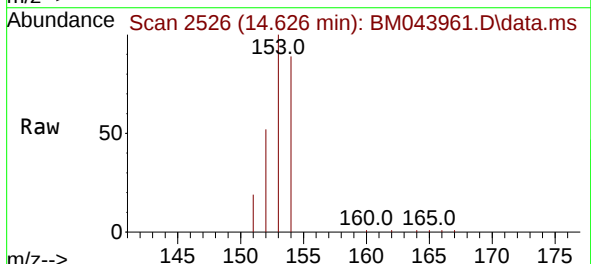
Instrument :
BNA_M
ClientSampleId :
SLCS664

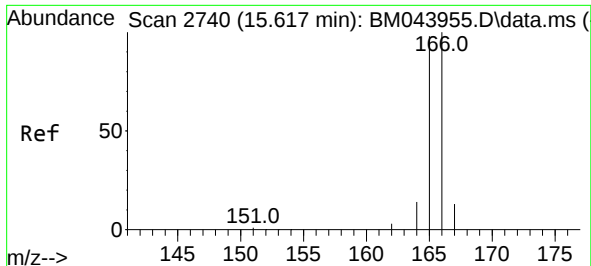
Tgt Ion:152	Resp:	23050
Ion Ratio	Lower	Upper
152	100	
151	20.3	15.6 23.4
153	13.4	10.9 16.3



#11
Acenaphthene
Concen: 0.381 ng/ul
RT: 14.626 min Scan# 2526
Delta R.T. -0.000 min
Lab File: BM043961.D
Acq: 02 Feb 2024 00:17

Tgt Ion:153	Resp:	16022
Ion Ratio	Lower	Upper
153	100	
152	52.1	41.8 62.8
154	88.6	69.8 104.8

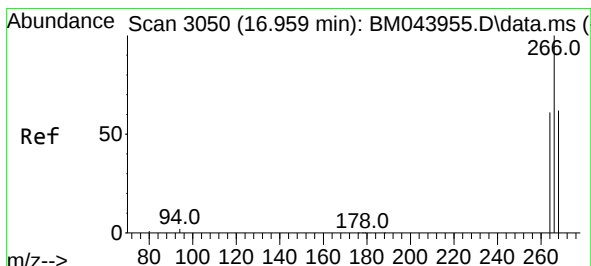
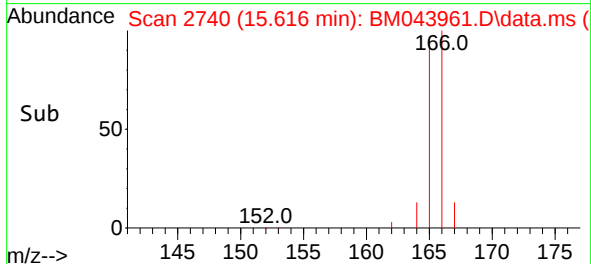
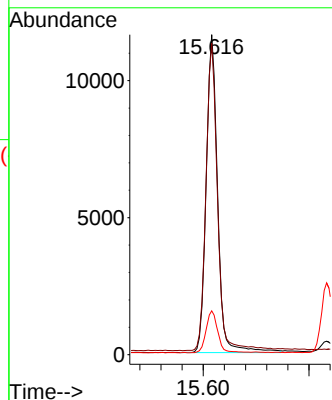
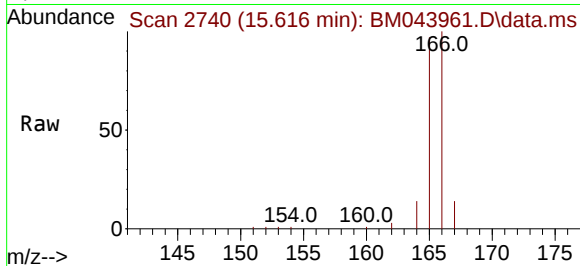




#12
 Fluorene
 Concen: 0.378 ng/ul
 RT: 15.616 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM043961.D
 Acq: 02 Feb 2024 00:17

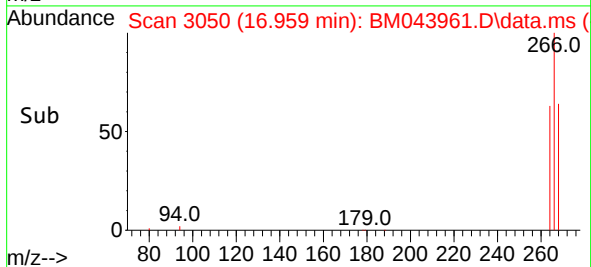
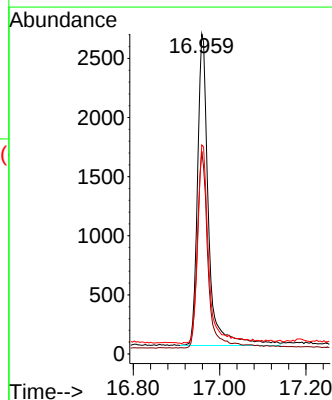
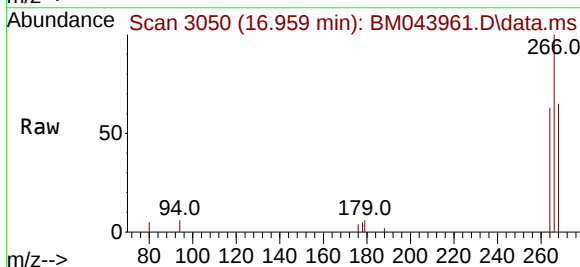
Instrument :
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 ClientSampleId :
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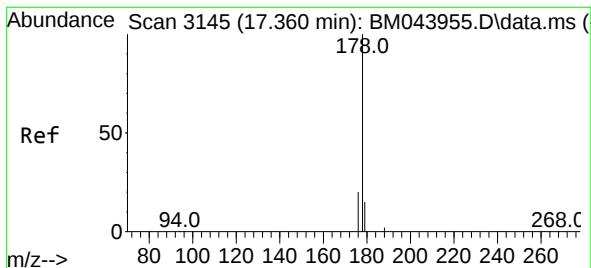
Tgt Ion:166 Resp: 17454
 Ion Ratio Lower Upper
 166 100
 165 97.3 79.5 119.3
 167 13.7 10.9 16.3



#14
 Pentachlorophenol
 Concen: 0.871 ng/ul
 RT: 16.959 min Scan# 3050
 Delta R.T. -0.000 min
 Lab File: BM043961.D
 Acq: 02 Feb 2024 00:17

Tgt Ion:266 Resp: 4662
 Ion Ratio Lower Upper
 266 100
 264 62.2 51.3 76.9
 268 64.3 54.7 82.1





#15

Phenanthrene

Concen: 0.387 ng/ul

RT: 17.360 min Scan# 3145

Delta R.T. -0.000 min

Lab File: BM043961.D

Acq: 02 Feb 2024 00:17

Instrument :

BNA_M

ClientSampleId :

SLCS664

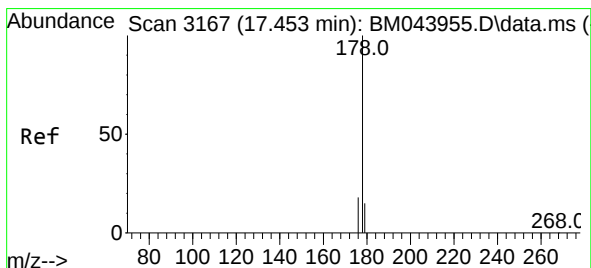
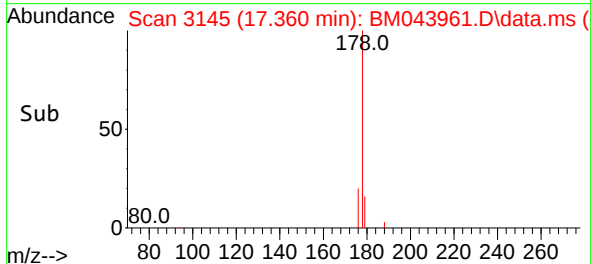
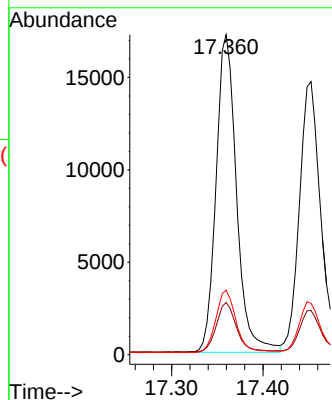
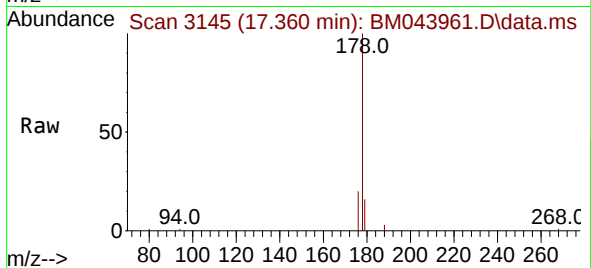
Tgt Ion:178 Resp: 26668

Ion Ratio Lower Upper

178 100

179 16.3 12.5 18.7

176 20.2 15.6 23.4



#16

Anthracene

Concen: 0.400 ng/ul

RT: 17.453 min Scan# 3167

Delta R.T. -0.000 min

Lab File: BM043961.D

Acq: 02 Feb 2024 00:17

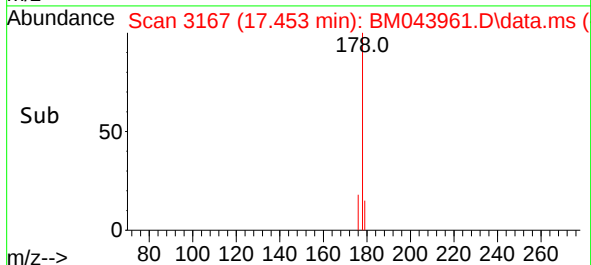
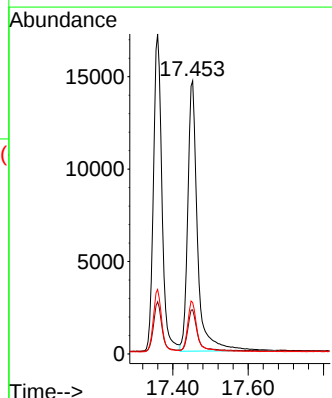
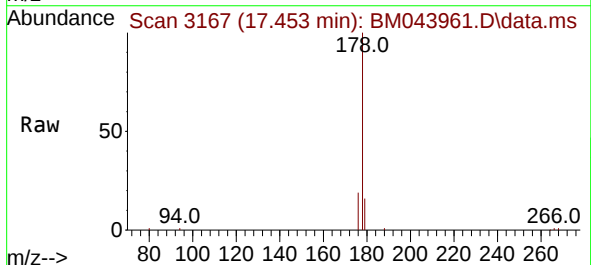
Tgt Ion:178 Resp: 26185

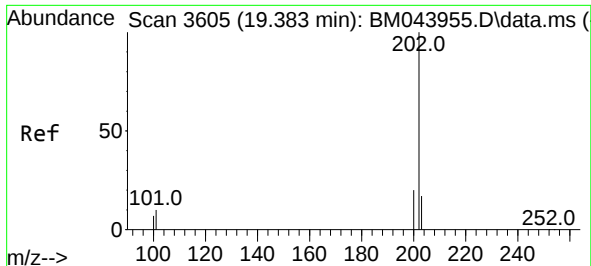
Ion Ratio Lower Upper

178 100

179 16.2 12.6 18.8

176 18.8 15.4 23.0

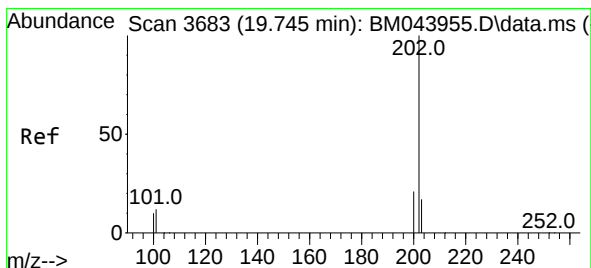
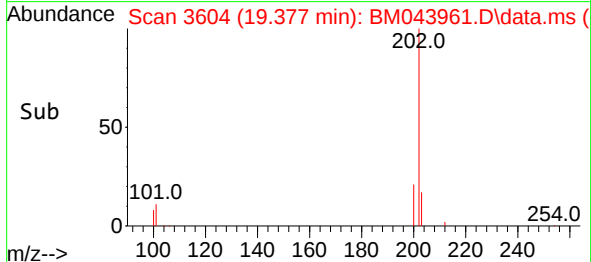
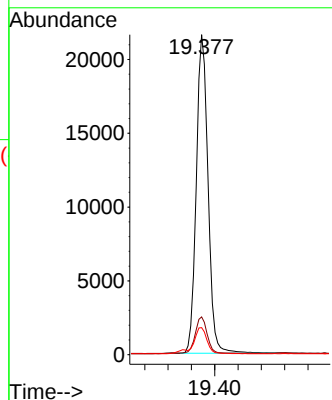
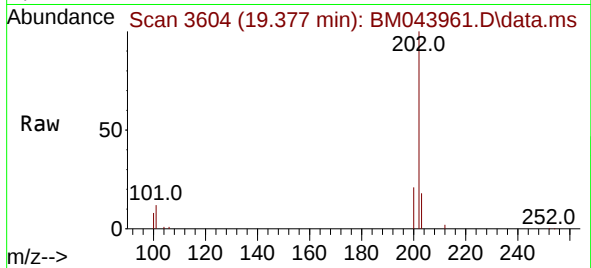




#19
Fluoranthene
Concen: 0.387 ng/ul
RT: 19.377 min Scan# 3604
Delta R.T. -0.005 min
Lab File: BM043961.D
Acq: 02 Feb 2024 00:17

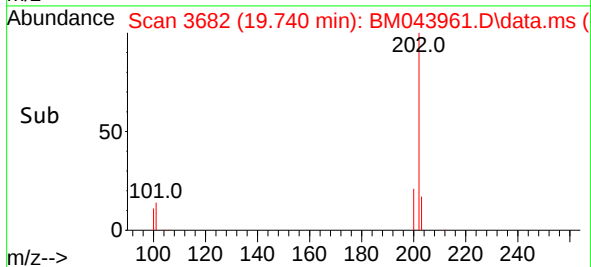
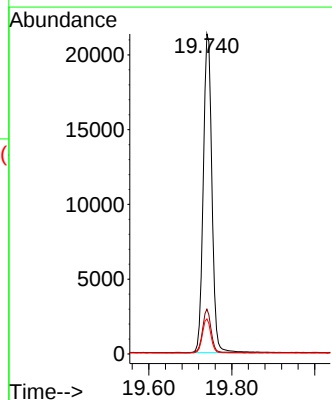
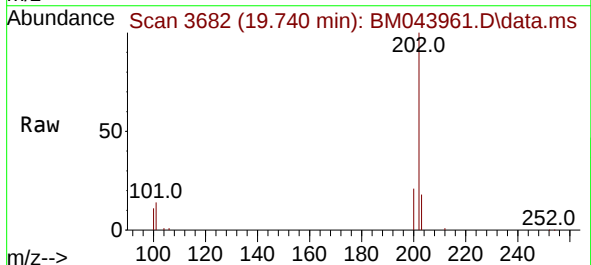
Instrument :
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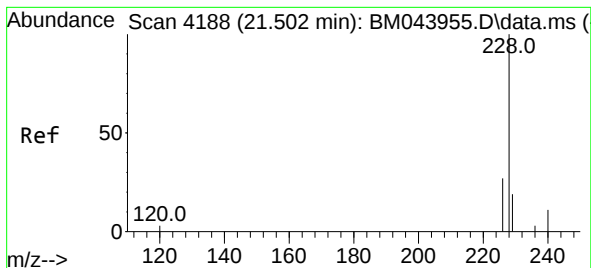
Tgt Ion:202 Resp: 30207
Ion Ratio Lower Upper
202 100
101 11.8 8.6 13.0
100 8.5 6.4 9.6



#20
Pyrene
Concen: 0.386 ng/ul
RT: 19.740 min Scan# 3682
Delta R.T. -0.005 min
Lab File: BM043961.D
Acq: 02 Feb 2024 00:17

Tgt Ion:202 Resp: 30946
Ion Ratio Lower Upper
202 100
101 14.0 10.3 15.5
100 10.9 8.1 12.1





#21

Benzo(a)anthracene

Concen: 0.391 ng/ul

RT: 21.497 min Scan# 4188

Delta R.T. -0.003 min

Lab File: BM043961.D

Acq: 02 Feb 2024 00:17

Instrument :

BNA_M

ClientSampleId :

SLCS664

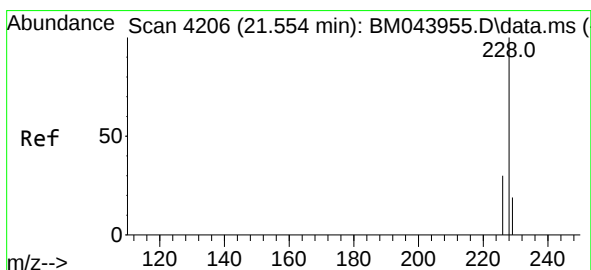
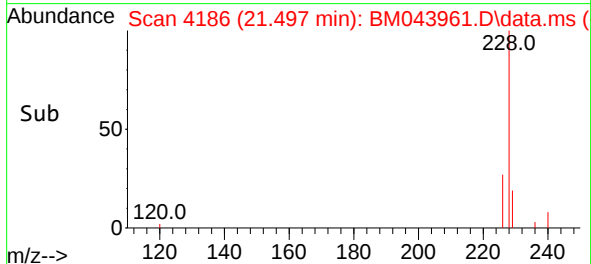
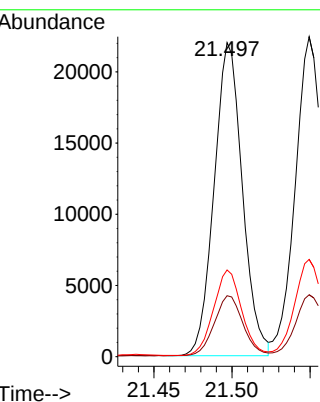
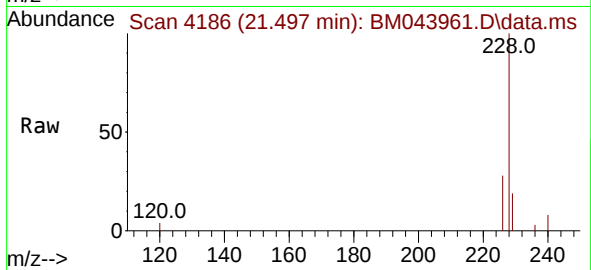
Tgt Ion:228 Resp: 27677

Ion Ratio Lower Upper

228 100

229 19.4 15.5 23.3

226 27.6 22.3 33.5



#22

Chrysene

Concen: 0.401 ng/ul

RT: 21.549 min Scan# 4204

Delta R.T. -0.003 min

Lab File: BM043961.D

Acq: 02 Feb 2024 00:17

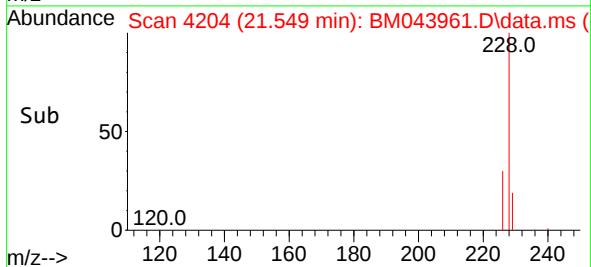
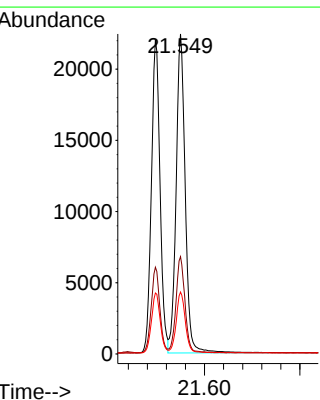
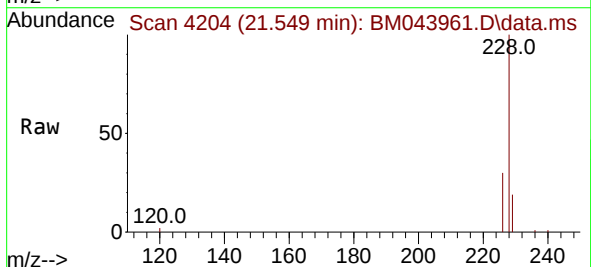
Tgt Ion:228 Resp: 29712

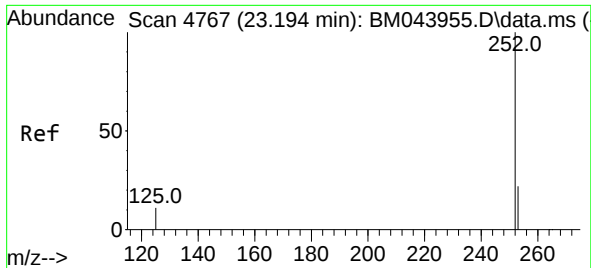
Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

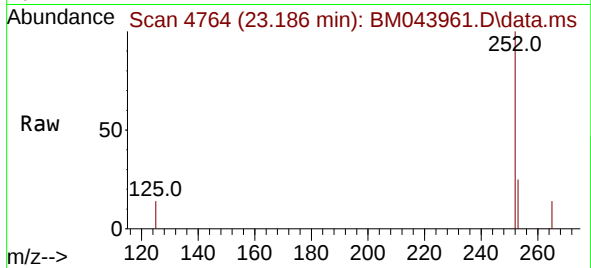
229 19.4 15.5 23.3



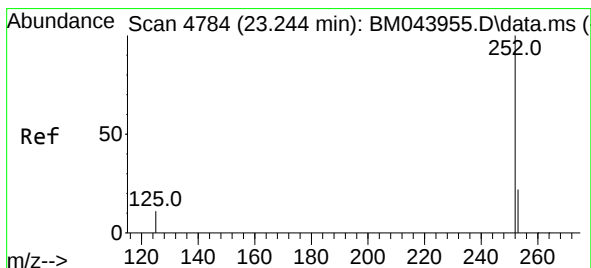
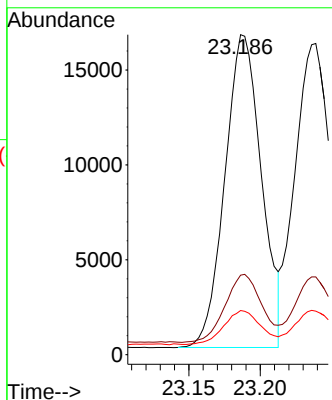


#24
Benzo(b)fluoranthene
Concen: 0.406 ng/ul
RT: 23.186 min Scan# 4764
Delta R.T. -0.006 min
Lab File: BM043961.D
Acq: 02 Feb 2024 00:17

Instrument :
BNA_M
ClientSampleId :
SLCS664

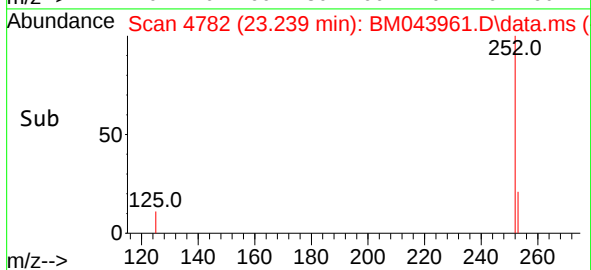
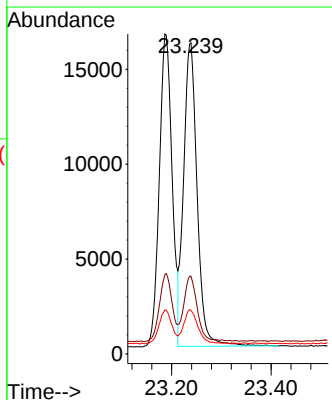
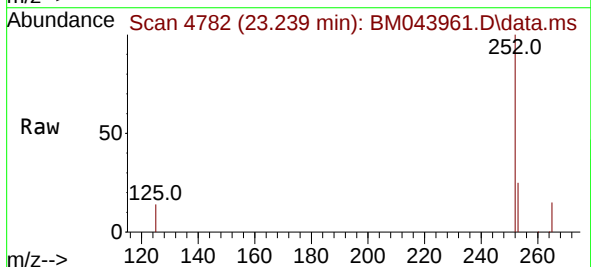


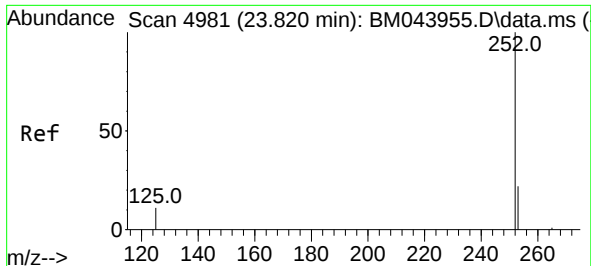
Tgt Ion:252 Resp: 29326
Ion Ratio Lower Upper
252 100
253 24.9 0.0 50.0
125 13.8 0.0 26.4



#25
Benzo(k)fluoranthene
Concen: 0.402 ng/ul
RT: 23.239 min Scan# 4782
Delta R.T. -0.003 min
Lab File: BM043961.D
Acq: 02 Feb 2024 00:17

Tgt Ion:252 Resp: 30259
Ion Ratio Lower Upper
252 100
253 25.0 19.7 29.5
125 14.0 10.6 16.0

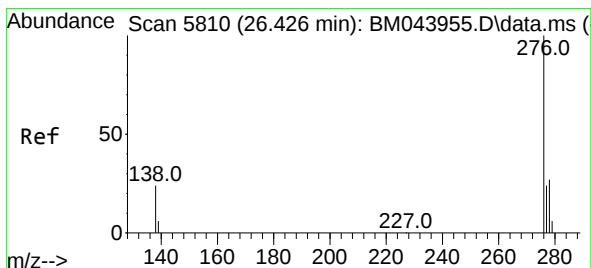
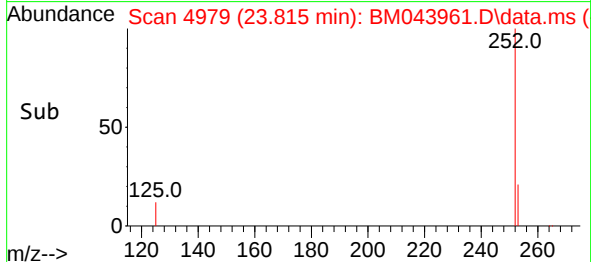
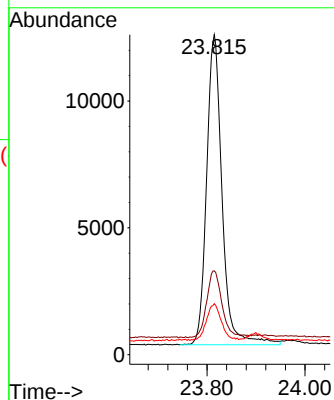
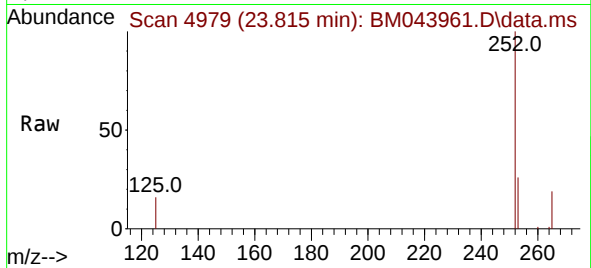




#26
Benzo(a)pyrene
Concen: 0.406 ng/ul
RT: 23.815 min Scan# 4981
Delta R.T. -0.006 min
Lab File: BM043961.D
Acq: 02 Feb 2024 00:17

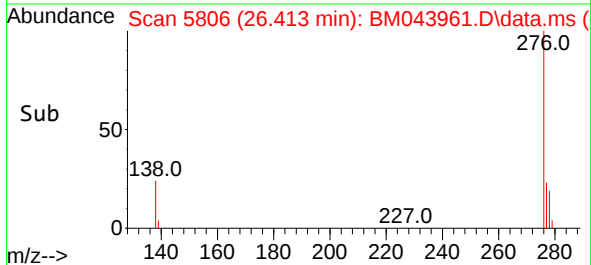
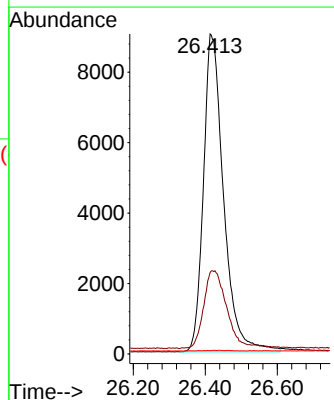
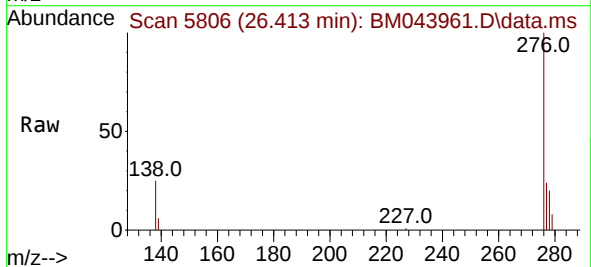
Instrument :
BNA_M
ClientSampleId :
SLCS664

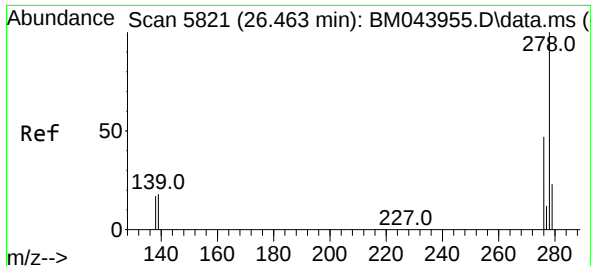
Tgt Ion:252	Resp:	26715
Ion Ratio	Lower	Upper
252	100	
253	26.2	20.6 31.0
125	16.0	12.6 18.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng/ul
RT: 26.413 min Scan# 5806
Delta R.T. -0.013 min
Lab File: BM043961.D
Acq: 02 Feb 2024 00:17

Tgt Ion:276	Resp:	35015
Ion Ratio	Lower	Upper
276	100	
138	27.6	22.2 33.2
227	0.0	0.0 0.0

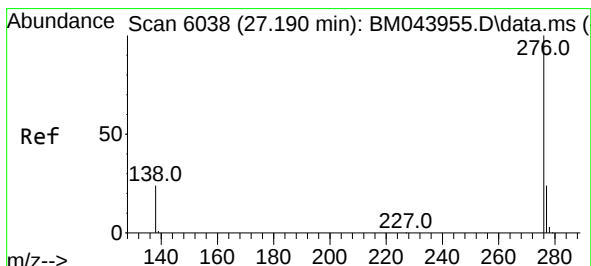
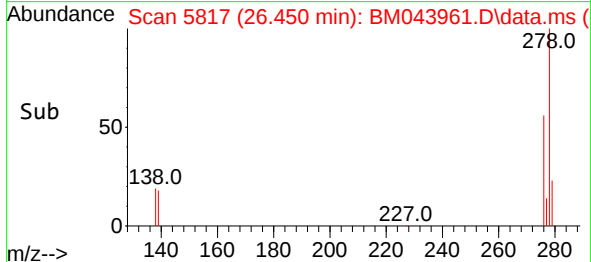
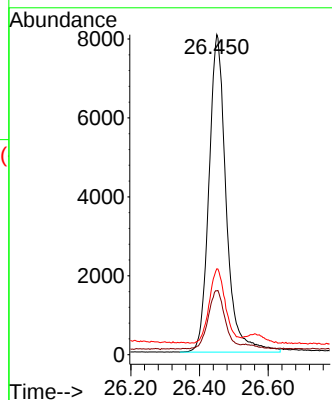
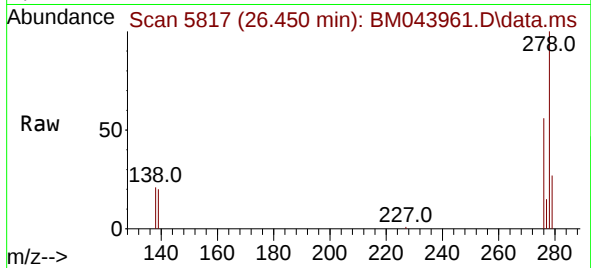




#28
Dibenzo(a,h)anthracene
Concen: 0.414 ng/ul
RT: 26.450 min Scan# 5817
Delta R.T. -0.007 min
Lab File: BM043961.D
Acq: 02 Feb 2024 00:17

Instrument :
BNA_M
ClientSampleId :
SLCS664

Tgt Ion:278 Resp: 27985
Ion Ratio Lower Upper
278 100
139 20.0 16.2 24.2
279 26.9 21.7 32.5



#29
Benzo(g,h,i)perylene
Concen: 0.412 ng/ul
RT: 27.175 min Scan# 6033
Delta R.T. -0.017 min
Lab File: BM043961.D
Acq: 02 Feb 2024 00:17

Tgt Ion:276 Resp: 30141
Ion Ratio Lower Upper
276 100
138 25.1 20.2 30.2
277 24.1 19.0 28.4

