

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
 Data File : BM046525.D
 Acq On : 11 Jul 2024 20:20
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4161

Quant Time: Jul 12 04:23:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 04:18:37 2024
 Response via : Initial Calibration

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

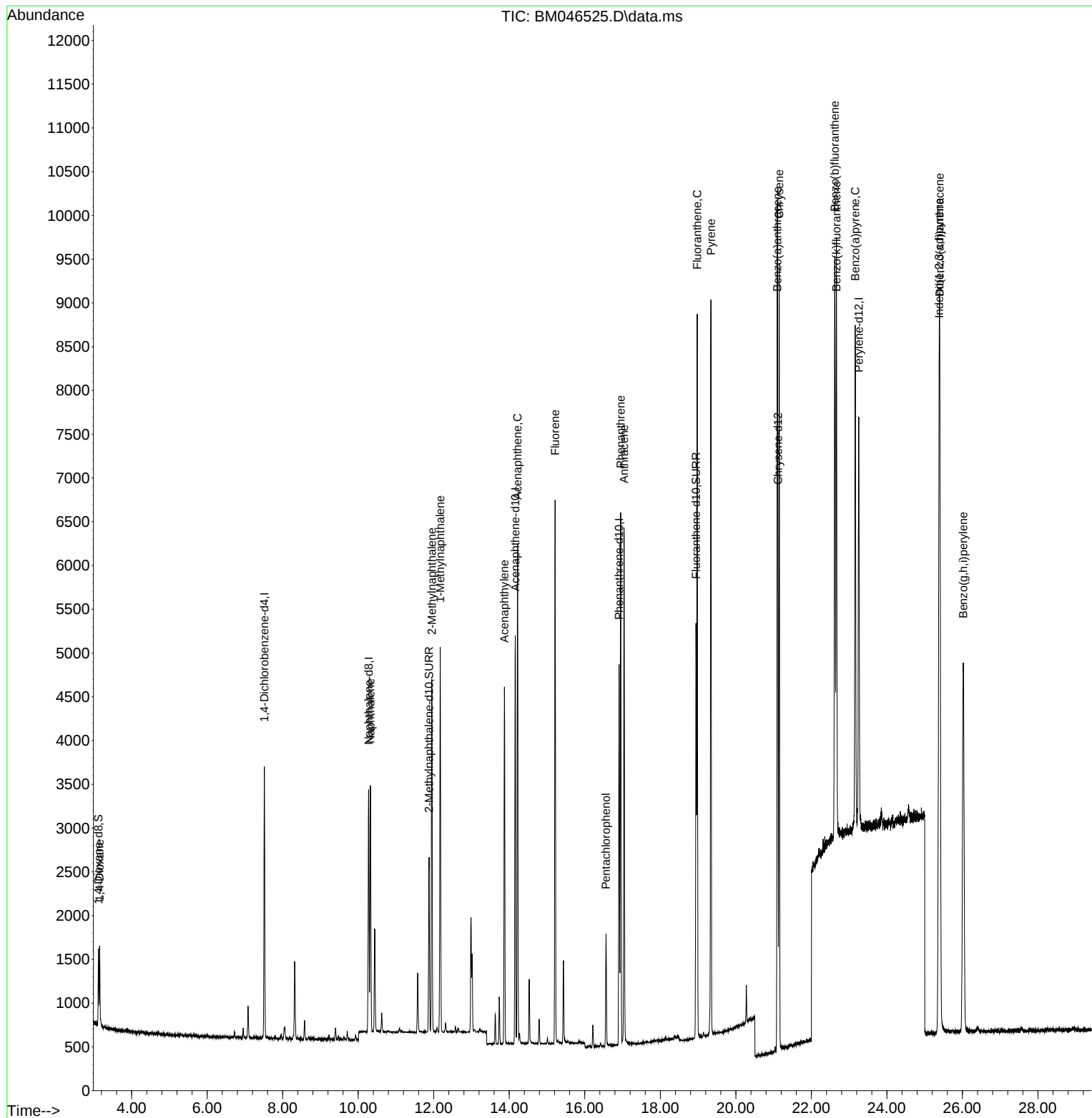
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.514	152	1503	0.400	ng/ul	0.00
4) Naphthalene-d8	10.275	136	3668	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.158	164	2467	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.908	188	5430	0.400	ng/ul	0.00
17) Chrysene-d12	21.114	240	4484	0.400	ng/ul #	0.00
23) Perylene-d12	23.256	264	5703	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	544	0.441	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.876	152	2452	0.415	ng/ul	0.00
18) Fluoranthene-d10	18.945	212	5555	0.407	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.151	88	546	0.414	ng/ul#	81
5) Naphthalene	10.325	128	3777	0.405	ng/ul	99
7) 2-Methylnaphthalene	11.947	142	2707	0.413	ng/ul	99
8) 1-Methylnaphthalene	12.172	142	2866	0.428	ng/ul	98
10) Acenaphthylene	13.872	152	4622	0.412	ng/ul	99
11) Acenaphthene	14.219	153	3166	0.421	ng/ul	97
12) Fluorene	15.213	166	3768	0.405	ng/ul	96
14) Pentachlorophenol	16.561	266	815	0.296	ng/ul	98
15) Phenanthrene	16.950	178	6228	0.402	ng/ul	98
16) Anthracene	17.039	178	6069	0.401	ng/ul	99
19) Fluoranthene	18.977	202	7444	0.404	ng/ul	98
20) Pyrene	19.340	202	7711	0.387	ng/ul	97
21) Benzo(a)anthracene	21.096	228	7524	0.379	ng/ul	100
22) Chrysene	21.149	228	7299	0.380	ng/ul	99
24) Benzo(b)fluoranthene	22.622	252	8503	0.373	ng/ul	98
25) Benzo(k)fluoranthene	22.663	252	8355	0.374	ng/ul#	97
26) Benzo(a)pyrene	23.163	252	8054	0.430	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.383	276	11091	0.389	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.400	278	8896	0.394	ng/ul	98
29) Benzo(g,h,i)perylene	26.021	276	9208	0.404	ng/ul	99

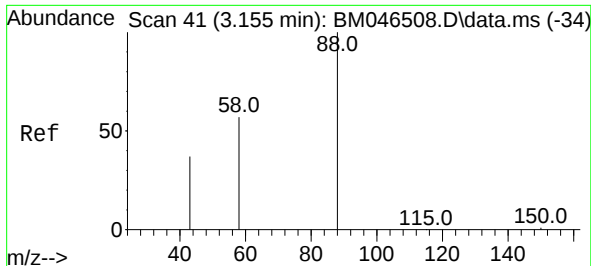
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BM046525.D
Acq On : 11 Jul 2024 20:20
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4161

Quant Time: Jul 12 04:23:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 04:18:37 2024
Response via : Initial Calibration

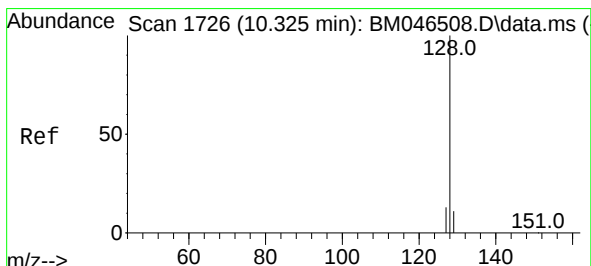
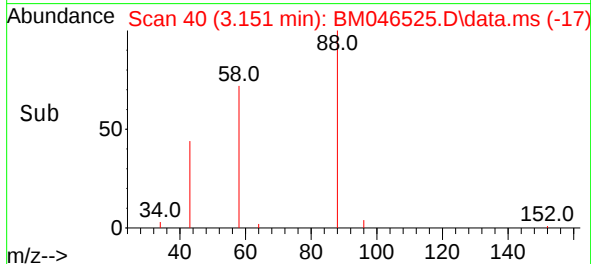
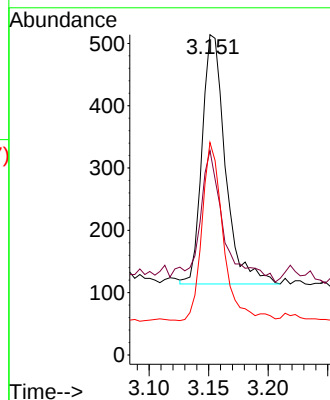
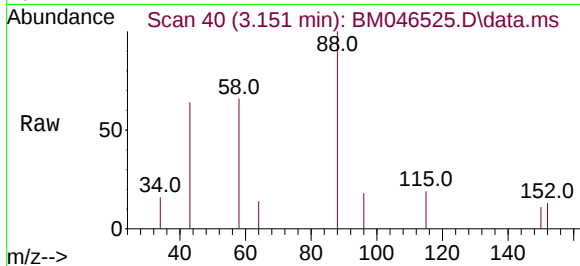




#2
1,4-Dioxane
Concen: 0.414 ng/ul
RT: 3.151 min Scan# 40
Delta R.T. -0.004 min
Lab File: BM046525.D
Acq: 11 Jul 2024 20:20

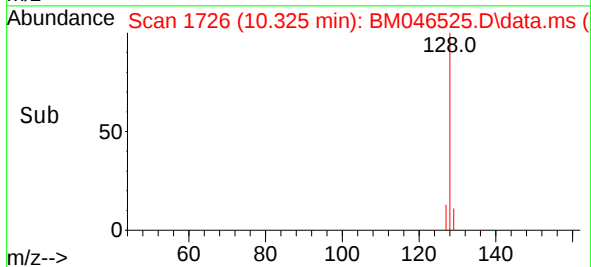
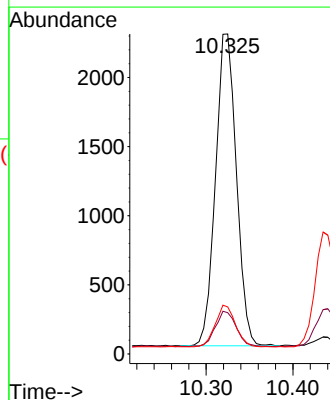
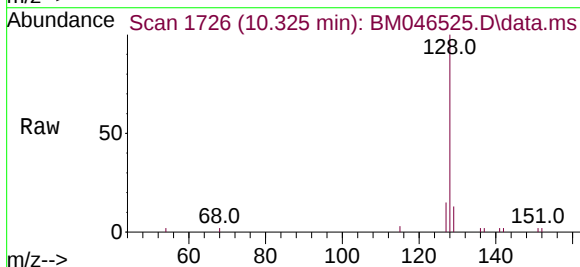
Instrument :
BNA_M
ClientSampleId :
SSTD0.4161

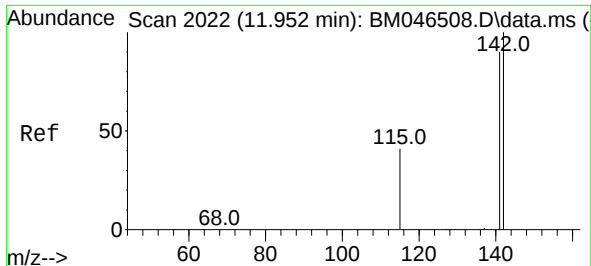
Tgt Ion: 88 Resp: 546
Ion Ratio Lower Upper
88 100
43 63.8 70.2 105.4#
58 66.3 48.2 72.4



#5
Naphthalene
Concen: 0.405 ng/ul
RT: 10.325 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BM046525.D
Acq: 11 Jul 2024 20:20

Tgt Ion: 128 Resp: 3777
Ion Ratio Lower Upper
128 100
129 12.9 10.3 15.5
127 14.7 12.2 18.4

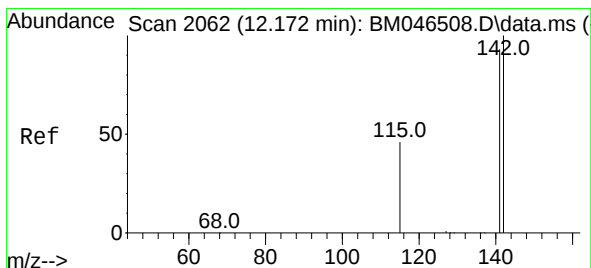
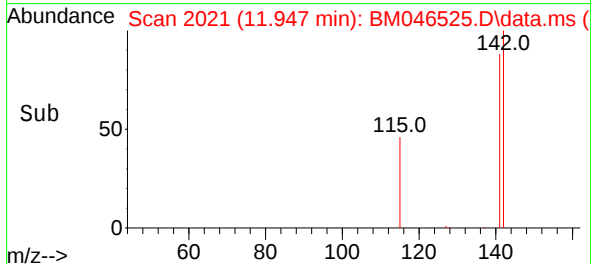
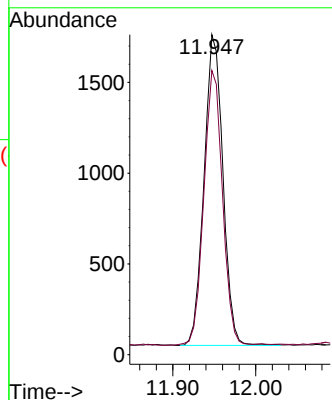
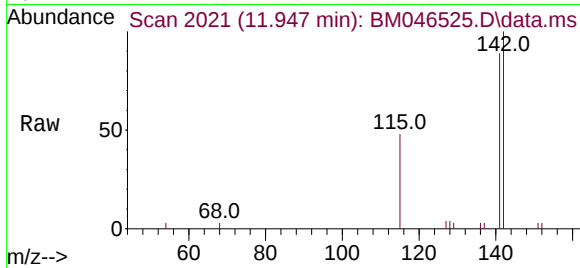




#7
2-Methylnaphthalene
Concen: 0.413 ng/ul
RT: 11.947 min Scan# 2021
Delta R.T. -0.005 min
Lab File: BM046525.D
Acq: 11 Jul 2024 20:20

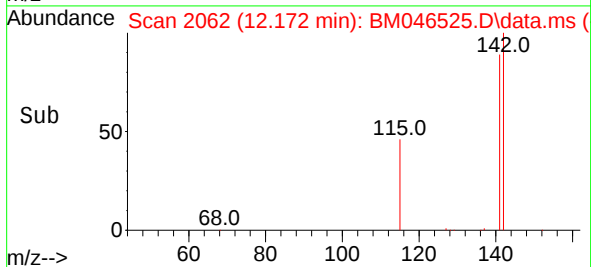
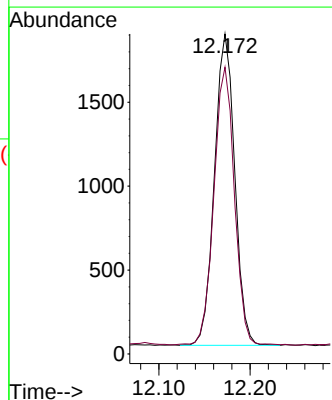
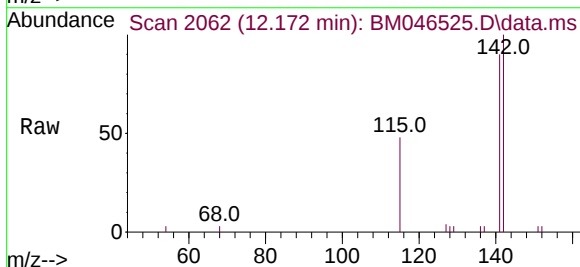
Instrument :
BNA_M
ClientSampleId :
SSTD0.4161

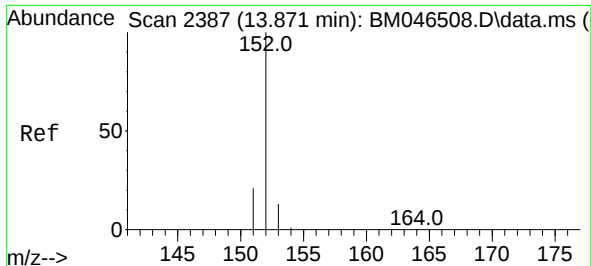
Tgt Ion:142 Resp: 2707
Ion Ratio Lower Upper
142 100
141 87.2 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.428 ng/ul
RT: 12.172 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BM046525.D
Acq: 11 Jul 2024 20:20

Tgt Ion:142 Resp: 2866
Ion Ratio Lower Upper
142 100
141 90.4 73.9 110.9

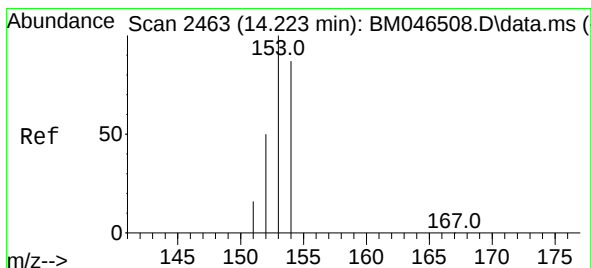
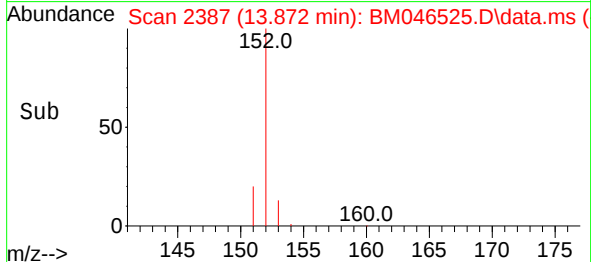
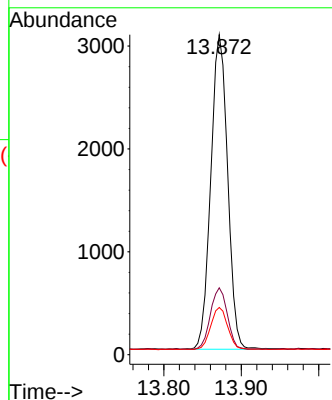
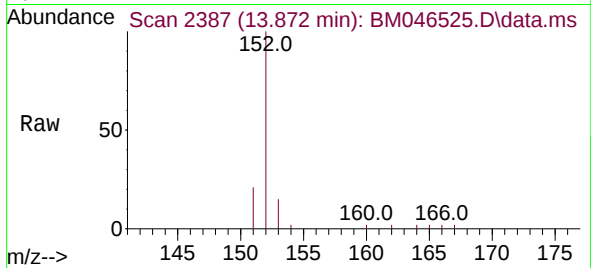




#10
Acenaphthylene
Concen: 0.412 ng/ul
RT: 13.872 min Scan# 2462
Delta R.T. 0.000 min
Lab File: BM046525.D
Acq: 11 Jul 2024 20:20

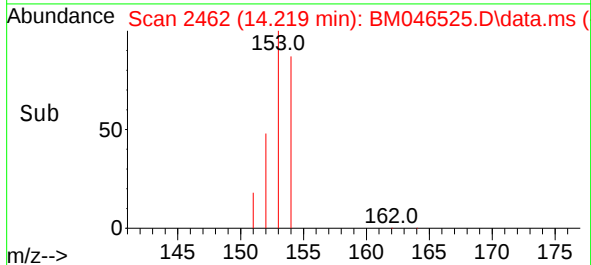
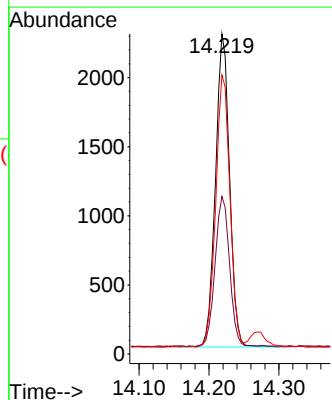
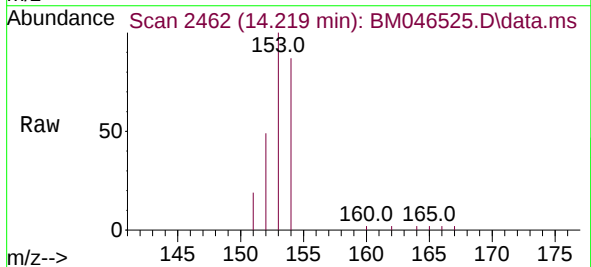
Instrument :
BNA_M
ClientSampleId :
SSTD0.4161

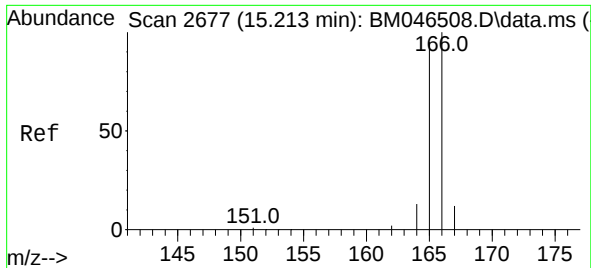
Tgt Ion:152 Resp: 4622
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 14.8 12.4 18.6



#11
Acenaphthene
Concen: 0.421 ng/ul
RT: 14.219 min Scan# 2462
Delta R.T. -0.005 min
Lab File: BM046525.D
Acq: 11 Jul 2024 20:20

Tgt Ion:153 Resp: 3166
Ion Ratio Lower Upper
153 100
152 49.2 43.0 64.6
154 87.1 69.9 104.9

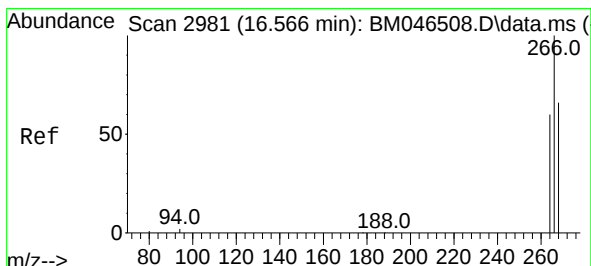
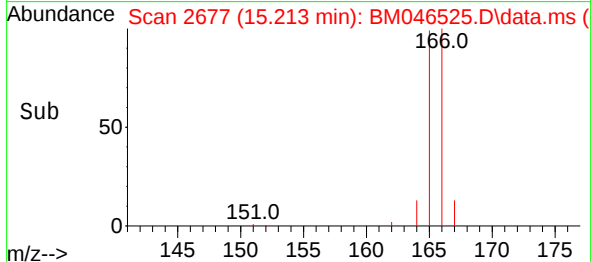
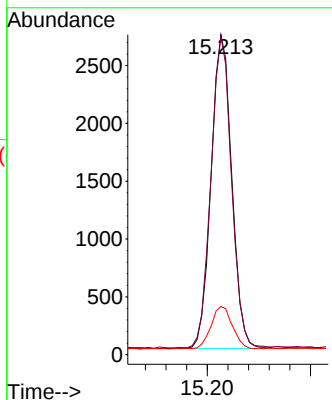
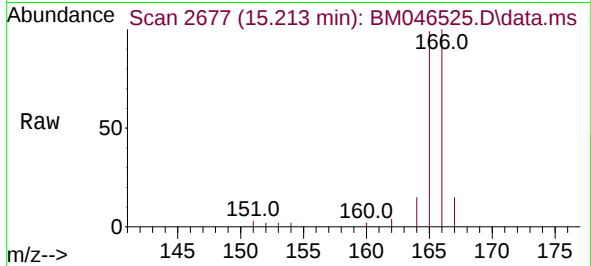




#12
Fluorene
Concen: 0.405 ng/ul
RT: 15.213 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM046525.D
Acq: 11 Jul 2024 20:20

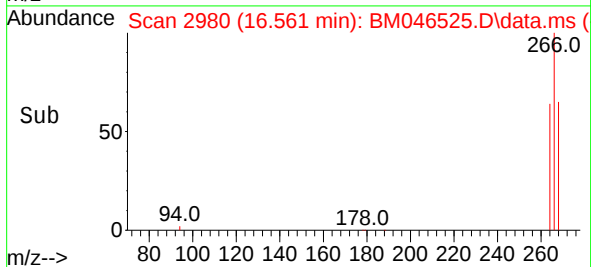
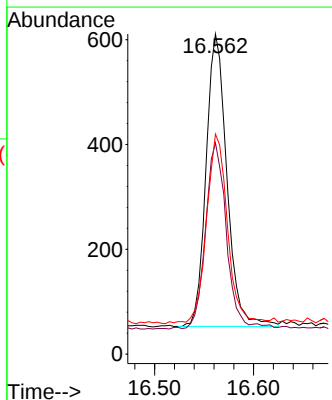
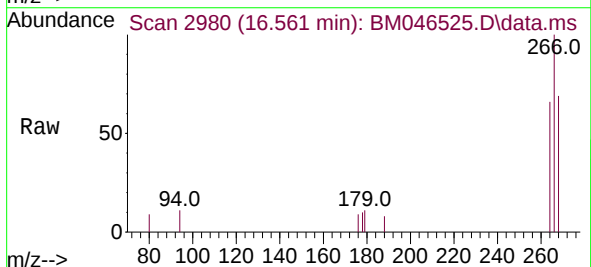
Instrument :
BNA_M
ClientSampleId :
SSTD0.4161

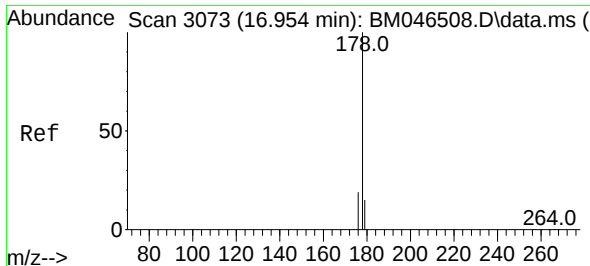
Tgt Ion:166 Resp: 3768
Ion Ratio Lower Upper
166 100
165 99.3 76.1 114.1
167 15.1 12.5 18.7



#14
Pentachlorophenol
Concen: 0.296 ng/ul
RT: 16.561 min Scan# 2980
Delta R.T. -0.004 min
Lab File: BM046525.D
Acq: 11 Jul 2024 20:20

Tgt Ion:266 Resp: 815
Ion Ratio Lower Upper
266 100
264 64.5 50.1 75.1
268 66.6 52.5 78.7

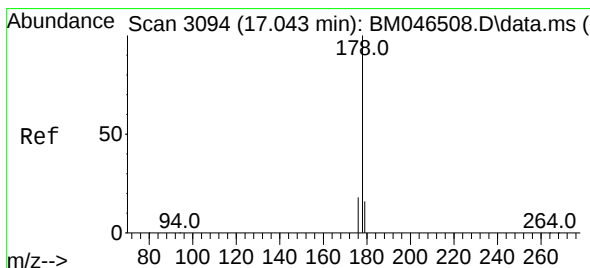
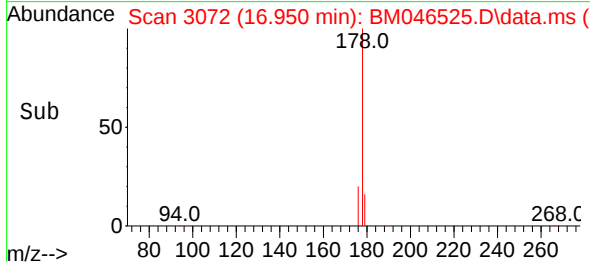
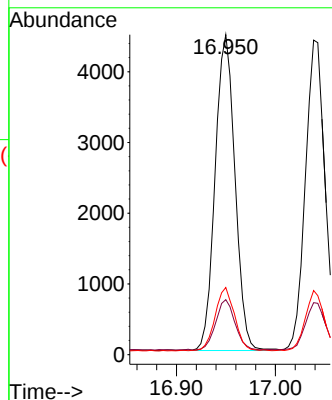
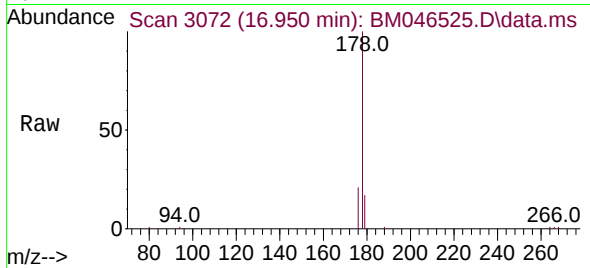




#15
Phenanthrene
Concen: 0.402 ng/ul
RT: 16.950 min Scan# 3073
Delta R.T. -0.004 min
Lab File: BM046525.D
Acq: 11 Jul 2024 20:20

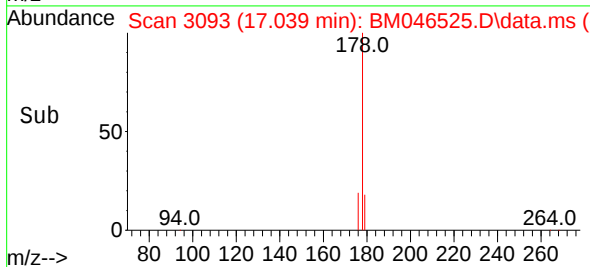
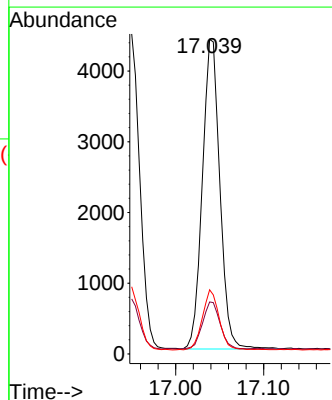
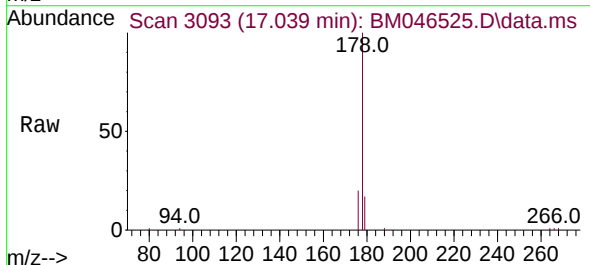
Instrument :
BNA_M
ClientSampleId :
SSTD0.4161

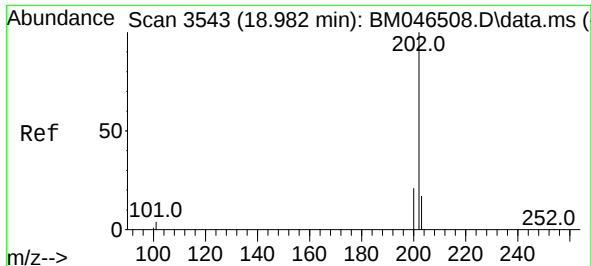
Tgt Ion:178 Resp: 6228
Ion Ratio Lower Upper
178 100
179 17.2 13.1 19.7
176 21.0 16.0 24.0



#16
Anthracene
Concen: 0.401 ng/ul
RT: 17.039 min Scan# 3093
Delta R.T. -0.004 min
Lab File: BM046525.D
Acq: 11 Jul 2024 20:20

Tgt Ion:178 Resp: 6069
Ion Ratio Lower Upper
178 100
179 16.6 13.5 20.3
176 20.4 15.7 23.5





#19

Fluoranthene

Concen: 0.404 ng/ul

RT: 18.977 min Scan# 3542

Delta R.T. -0.005 min

Lab File: BM046525.D

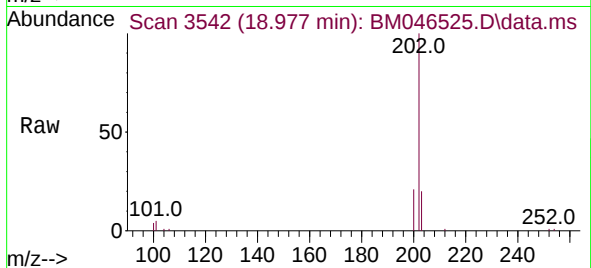
Acq: 11 Jul 2024 20:20

Instrument :

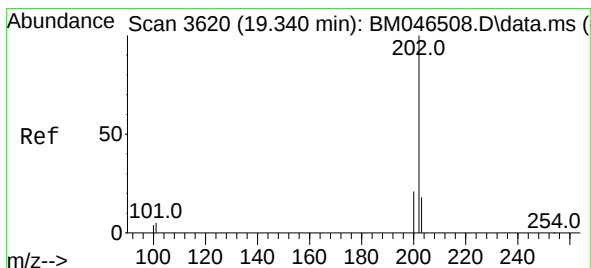
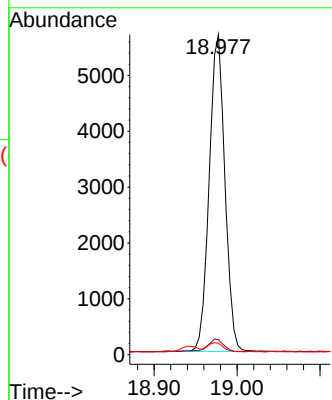
BNA_M

ClientSampleId :

SSTD0.4161



Tgt Ion:	202	Resp:	7444
Ion	Ratio	Lower	Upper
202	100		
101	4.7	4.6	6.8
100	3.6	3.0	4.6



#20

Pyrene

Concen: 0.387 ng/ul

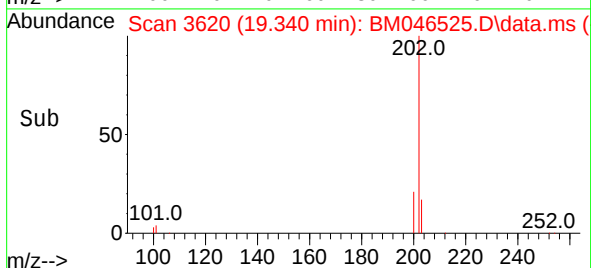
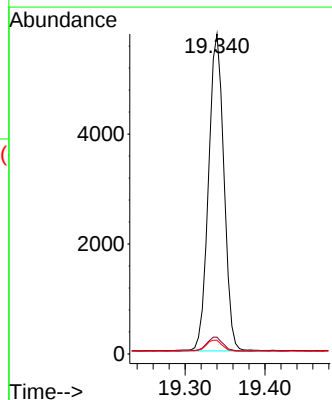
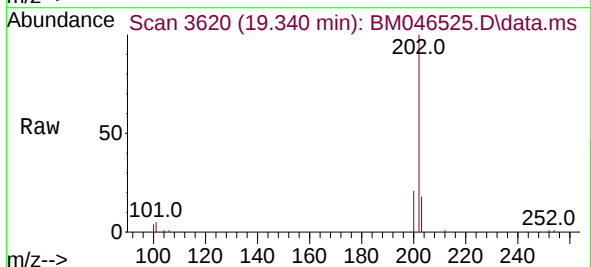
RT: 19.340 min Scan# 3620

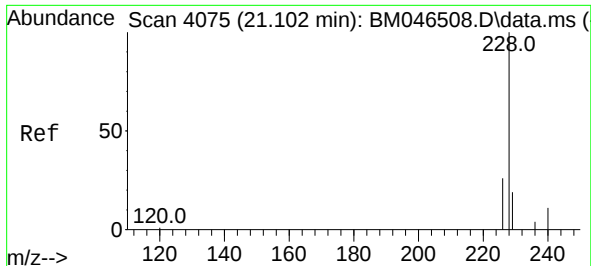
Delta R.T. 0.000 min

Lab File: BM046525.D

Acq: 11 Jul 2024 20:20

Tgt Ion:	202	Resp:	7711
Ion	Ratio	Lower	Upper
202	100		
101	5.2	5.1	7.7
100	4.3	3.8	5.6

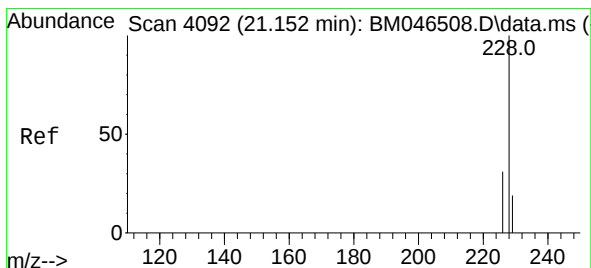
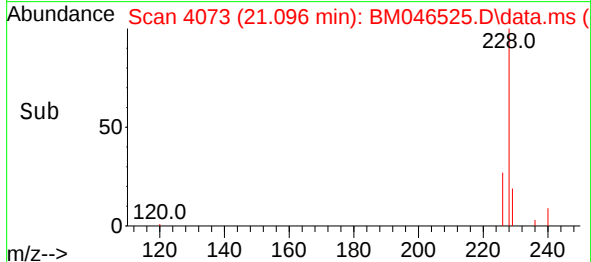
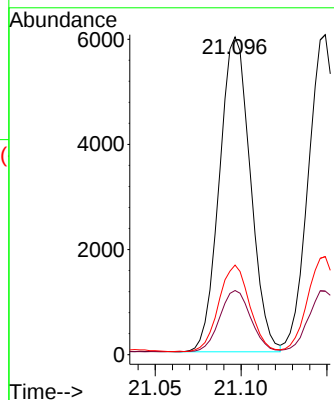
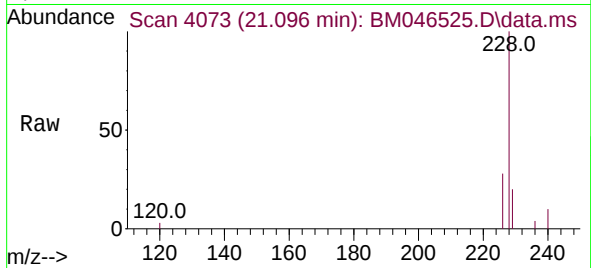




#21
Benzo(a)anthracene
Concen: 0.379 ng/ul
RT: 21.096 min Scan# 4075
Delta R.T. -0.006 min
Lab File: BM046525.D
Acq: 11 Jul 2024 20:20

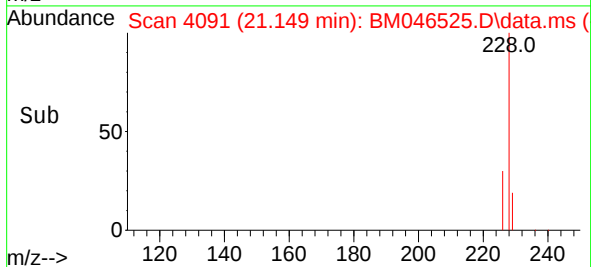
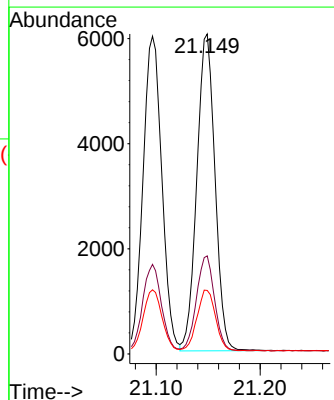
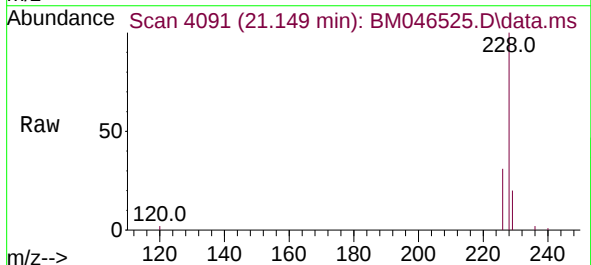
Instrument :
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SSTD0.4161

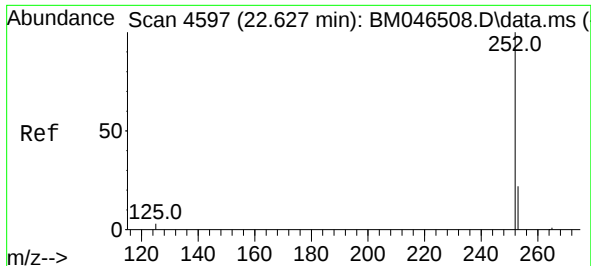
Tgt Ion:228 Resp: 7524
Ion Ratio Lower Upper
228 100
229 20.2 16.5 24.7
226 28.2 22.5 33.7



#22
Chrysene
Concen: 0.380 ng/ul
RT: 21.149 min Scan# 4091
Delta R.T. -0.003 min
Lab File: BM046525.D
Acq: 11 Jul 2024 20:20

Tgt Ion:228 Resp: 7299
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 19.9 16.4 24.6

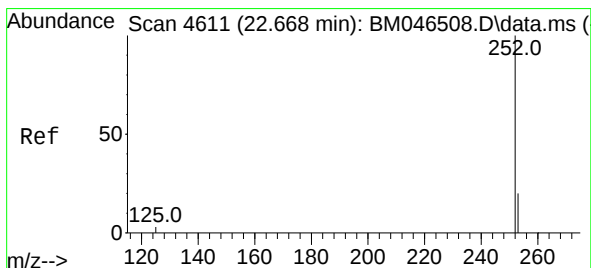
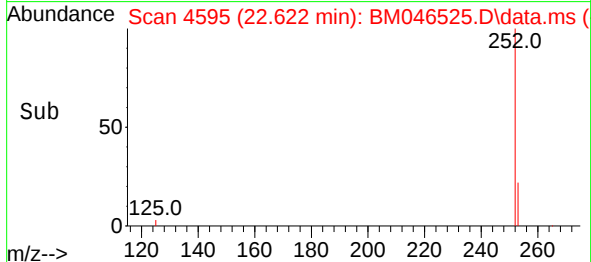
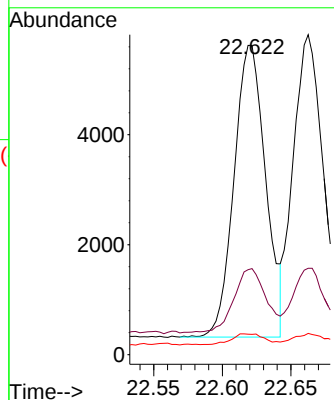
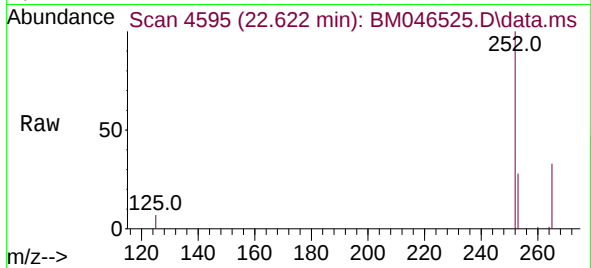




#24
Benzo(b)fluoranthene
Concen: 0.373 ng/ul
RT: 22.622 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM046525.D
Acq: 11 Jul 2024 20:20

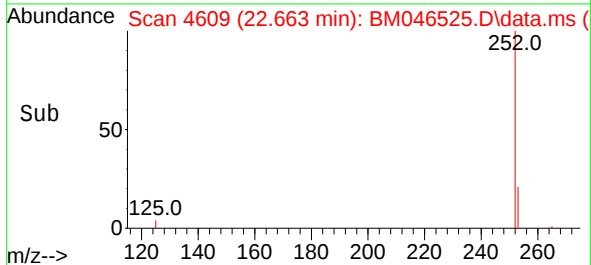
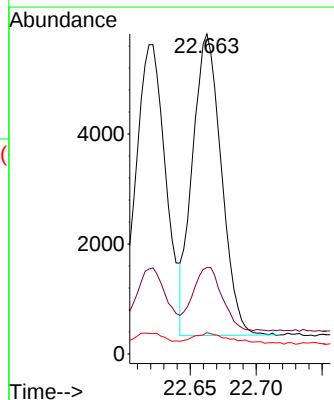
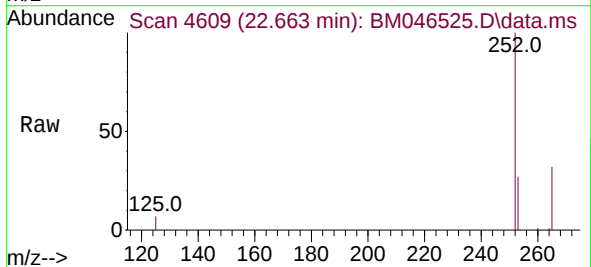
Instrument :
BNA_M
ClientSampleId :
SSTD0.4161

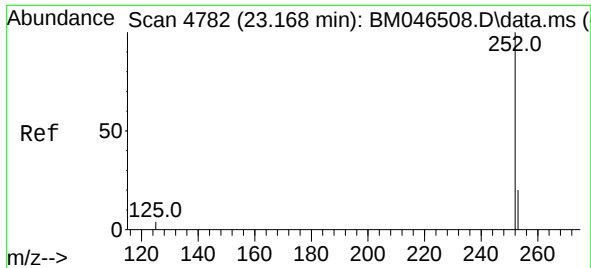
Tgt Ion:252 Resp: 8503
Ion Ratio Lower Upper
252 100
253 27.8 0.0 56.2
125 6.5 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.374 ng/ul
RT: 22.663 min Scan# 4609
Delta R.T. -0.006 min
Lab File: BM046525.D
Acq: 11 Jul 2024 20:20

Tgt Ion:252 Resp: 8355
Ion Ratio Lower Upper
252 100
253 27.0 22.4 33.6
125 6.6 7.0 10.4#

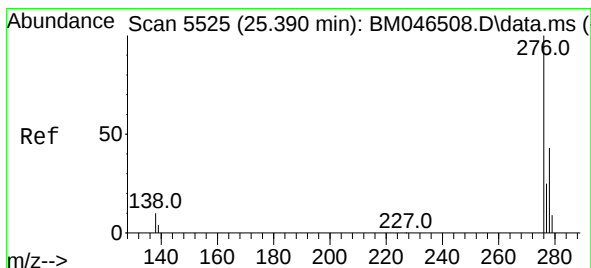
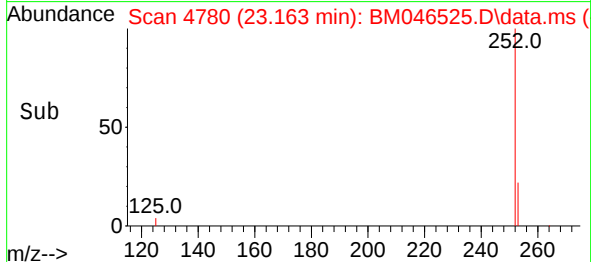
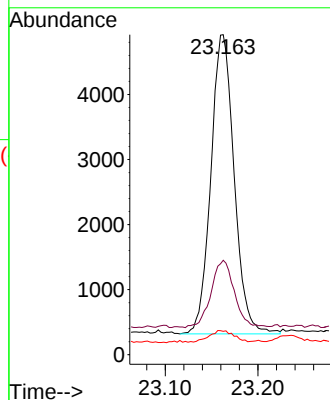
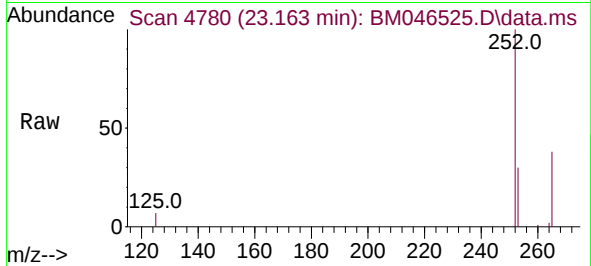




#26
Benzo(a)pyrene
Concen: 0.430 ng/ul
RT: 23.163 min Scan# 4782
Delta R.T. -0.006 min
Lab File: BM046525.D
Acq: 11 Jul 2024 20:20

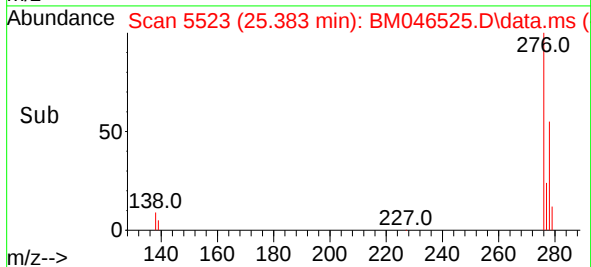
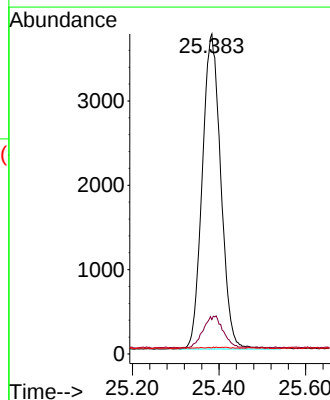
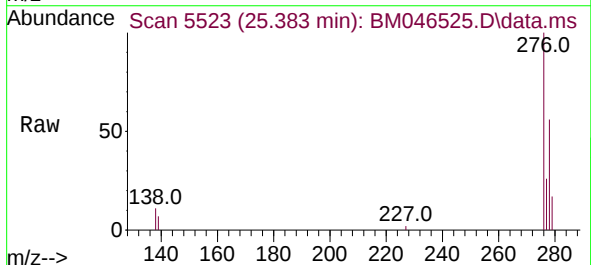
Instrument :
BNA_M
ClientSampleId :
SSTD0.4161

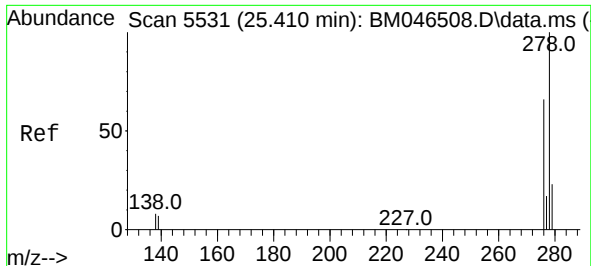
Tgt Ion:252 Resp: 8054
Ion Ratio Lower Upper
252 100
253 29.5 24.0 36.0
125 7.3 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng/ul
RT: 25.383 min Scan# 5523
Delta R.T. -0.007 min
Lab File: BM046525.D
Acq: 11 Jul 2024 20:20

Tgt Ion:276 Resp: 11091
Ion Ratio Lower Upper
276 100
138 10.7 0.0 0.0#
227 0.0 0.2 0.2#

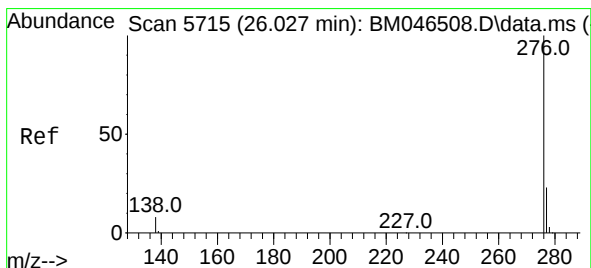
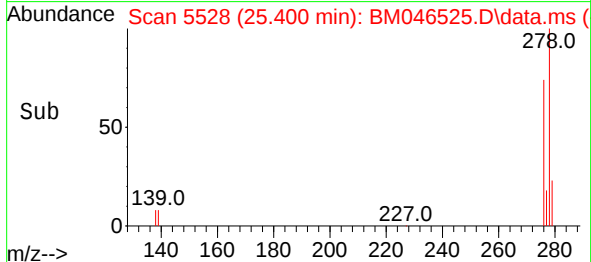
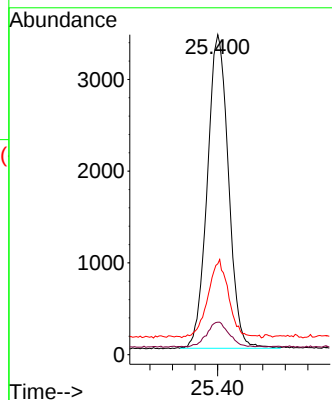
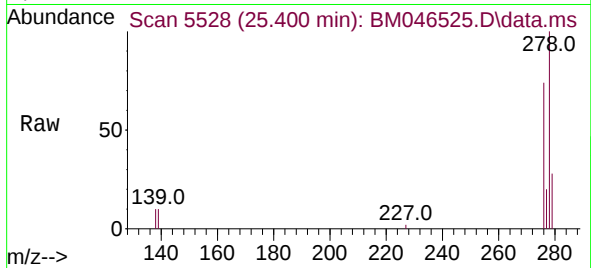




#28
Dibenzo(a,h)anthracene
Concen: 0.394 ng/ul
RT: 25.400 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM046525.D
Acq: 11 Jul 2024 20:20

Instrument :
BNA_M
ClientSampleId :
SSTD0.4161

Tgt Ion:278 Resp: 8896
Ion Ratio Lower Upper
278 100
139 10.1 9.1 13.7
279 28.4 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 0.404 ng/ul
RT: 26.021 min Scan# 5713
Delta R.T. -0.007 min
Lab File: BM046525.D
Acq: 11 Jul 2024 20:20

Tgt Ion:276 Resp: 9208
Ion Ratio Lower Upper
276 100
138 11.4 10.2 15.4
277 26.3 20.9 31.3

