

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
 Data File : BM046508.D
 Acq On : 11 Jul 2024 09:14
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4160

Quant Time: Jul 12 04:15:49 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 : Wed Jul 10 17:19:38 2024
 Response via : Initial Calibration

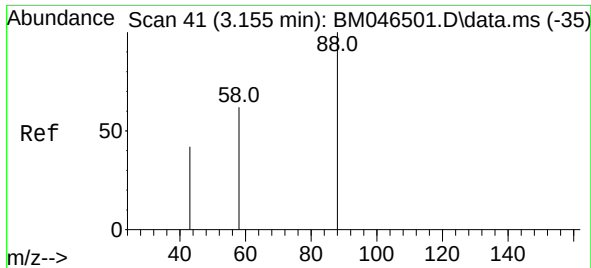
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.518	152	1343	0.400	ng/ul	0.00
4) Naphthalene-d8	10.275	136	3064	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.158	164	1978	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.912	188	4443	0.400	ng/ul	0.00
17) Chrysene-d12	21.117	240	4010	0.400	ng/ul	0.00
23) Perylene-d12	23.262	264	4959	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	465	0.421	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.875	152	2004	0.406	ng/ul	0.00
18) Fluoranthene-d10	18.950	212	4699	0.385	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.155	88	518	0.440	ng/ul#	76
5) Naphthalene	10.325	128	3167	0.406	ng/ul	99
7) 2-Methylnaphthalene	11.952	142	2214	0.404	ng/ul	100
8) 1-Methylnaphthalene	12.172	142	2302	0.412	ng/ul	97
10) Acenaphthylene	13.871	152	3596	0.399	ng/ul	97
11) Acenaphthene	14.223	153	2449	0.406	ng/ul	98
12) Fluorene	15.213	166	3055	0.409	ng/ul	99
14) Pentachlorophenol	16.566	266	786	0.349	ng/ul	100
15) Phenanthrene	16.954	178	4961	0.391	ng/ul	99
16) Anthracene	17.043	178	4775	0.386	ng/ul	99
19) Fluoranthene	18.982	202	6296	0.382	ng/ul	99
20) Pyrene	19.340	202	6482	0.363	ng/ul	99
21) Benzo(a)anthracene	21.102	228	6673	0.376	ng/ul	98
22) Chrysene	21.152	228	6620	0.386	ng/ul	99
24) Benzo(b)fluoranthene	22.627	252	7844	0.396	ng/ul	99
25) Benzo(k)fluoranthene	22.668	252	7722	0.397	ng/ul	98
26) Benzo(a)pyrene	23.168	252	6401	0.393	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.390	276	10108	0.407	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.410	278	7946	0.405	ng/ul	99
29) Benzo(g,h,i)perylene	26.027	276	8142	0.411	ng/ul	98

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

Quant Time: Jul 12 04:15:49 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 : Wed Jul 10 17:19:38 2024
Response via : Initial Calibration

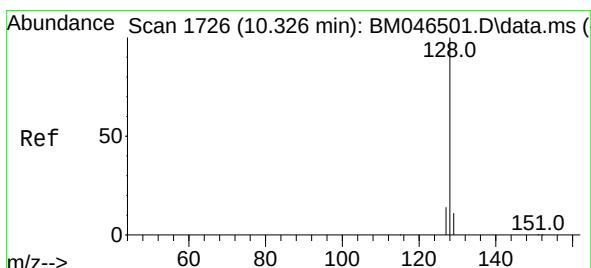
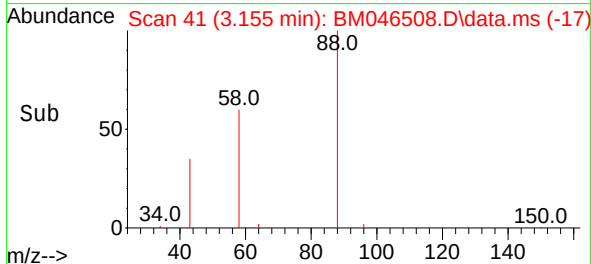
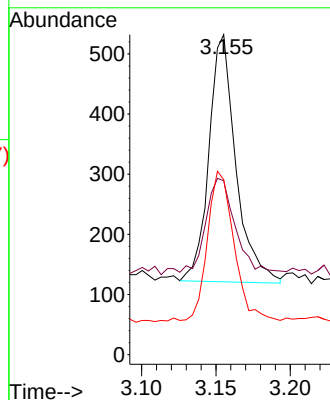
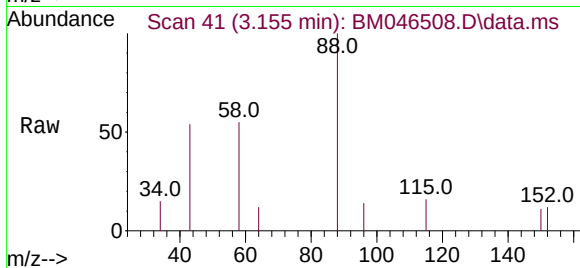




#2
1,4-Dioxane
Concen: 0.440 ng/ul
RT: 3.155 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM046508.D
Acq: 11 Jul 2024 09:14

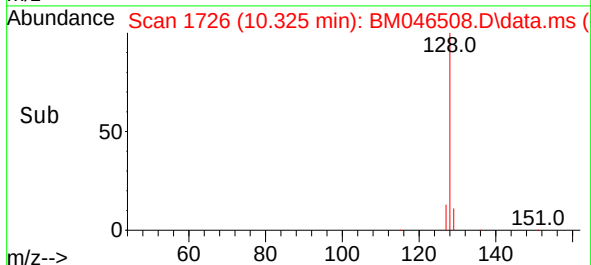
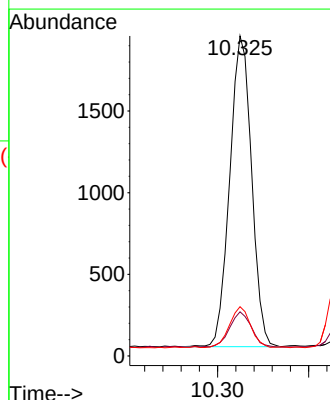
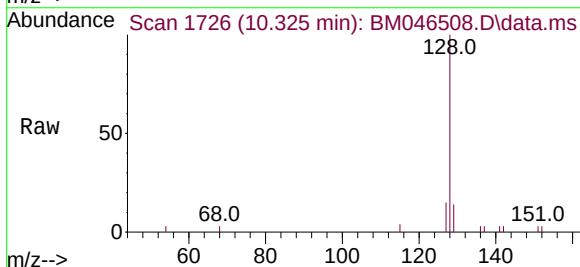
Instrument :
BNA_M
ClientSampleId :
SSTD0.4160

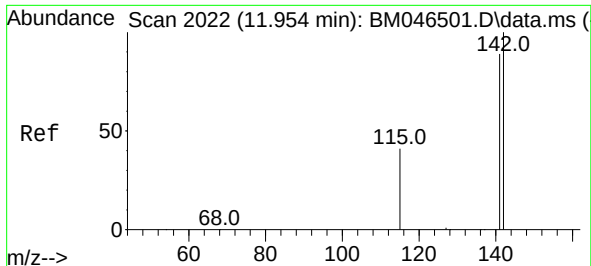
Tgt Ion: 88 Resp: 518
Ion Ratio Lower Upper
88 100
43 54.3 70.2 105.4#
58 54.7 48.2 72.4



#5
Naphthalene
Concen: 0.406 ng/ul
RT: 10.325 min Scan# 1726
Delta R.T. -0.001 min
Lab File: BM046508.D
Acq: 11 Jul 2024 09:14

Tgt Ion: 128 Resp: 3167
Ion Ratio Lower Upper
128 100
129 13.8 10.3 15.5
127 15.4 12.2 18.4

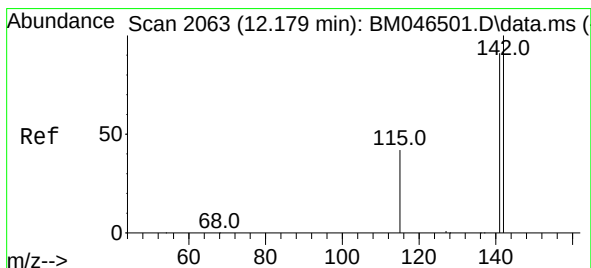
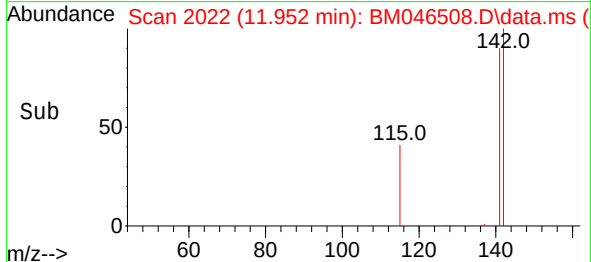
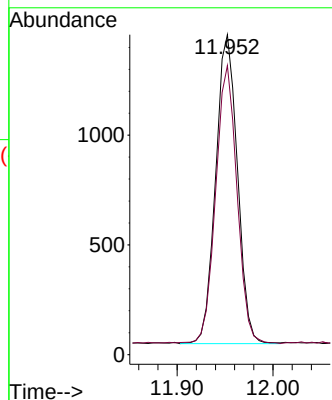
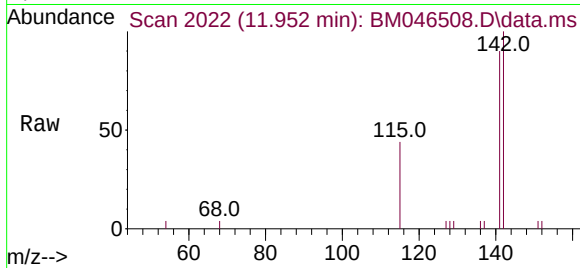




#7
2-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 11.952 min Scan# 2022
Delta R.T. -0.001 min
Lab File: BM046508.D
Acq: 11 Jul 2024 09:14

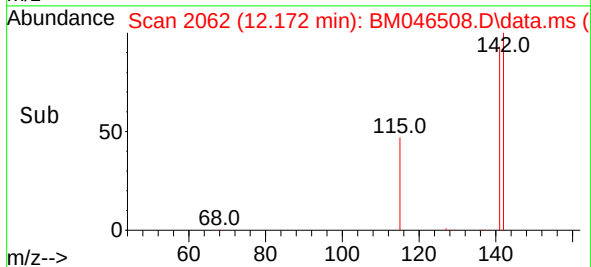
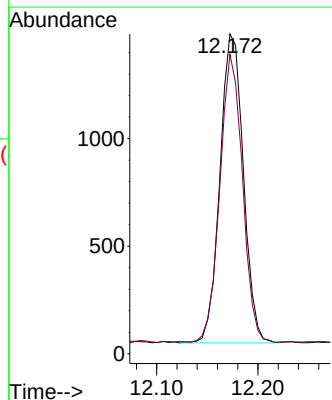
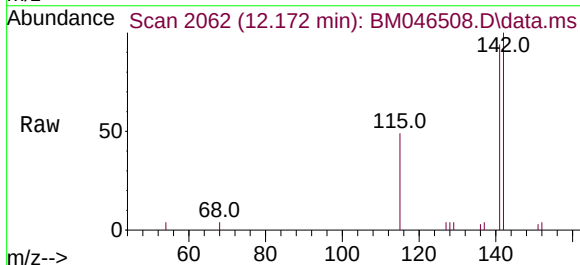
Instrument :
BNA_M
ClientSampleId :
SSTD0.4160

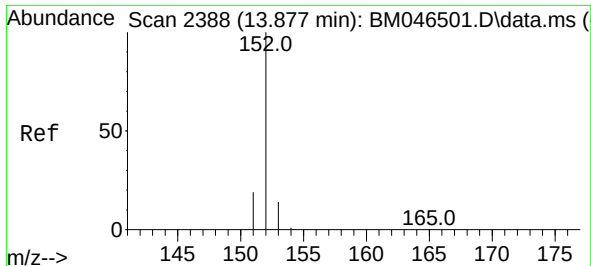
Tgt Ion:142 Resp: 2214
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.172 min Scan# 2062
Delta R.T. -0.007 min
Lab File: BM046508.D
Acq: 11 Jul 2024 09:14

Tgt Ion:142 Resp: 2302
Ion Ratio Lower Upper
142 100
141 90.0 73.9 110.9

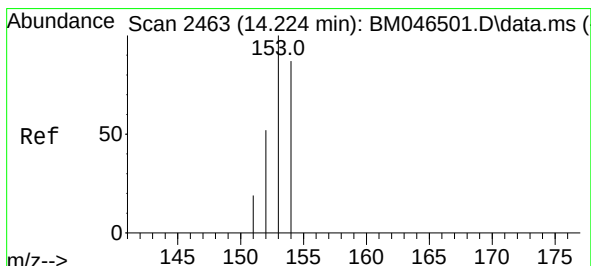
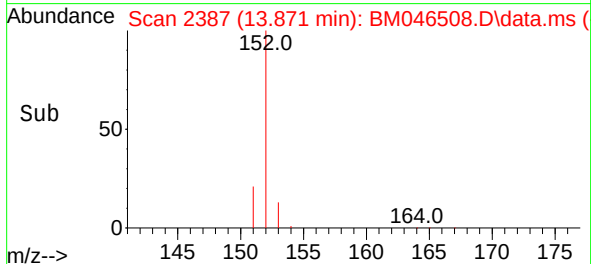
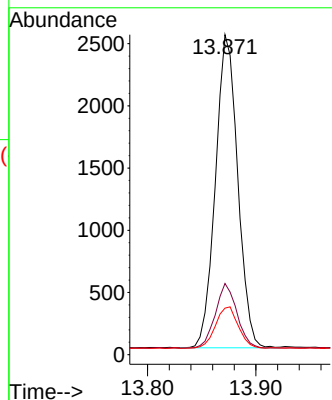
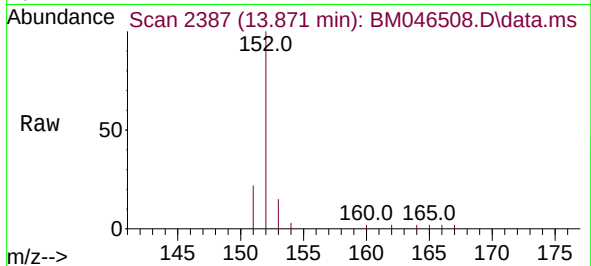




#10
Acenaphthylene
Concen: 0.399 ng/ul
RT: 13.871 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BM046508.D
Acq: 11 Jul 2024 09:14

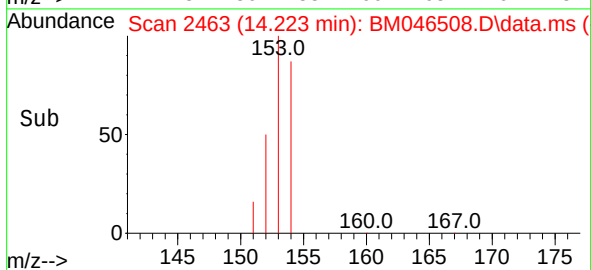
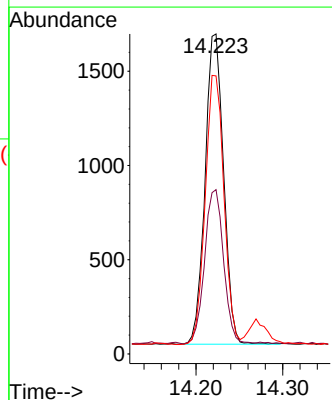
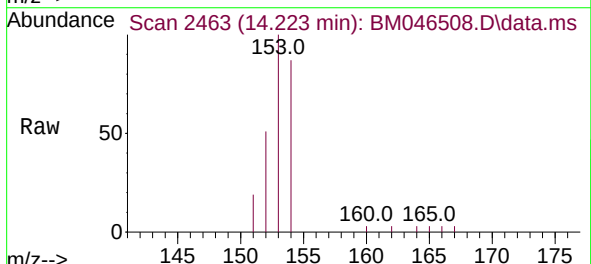
Instrument :
BNA_M
ClientSampleId :
SSTD0.4160

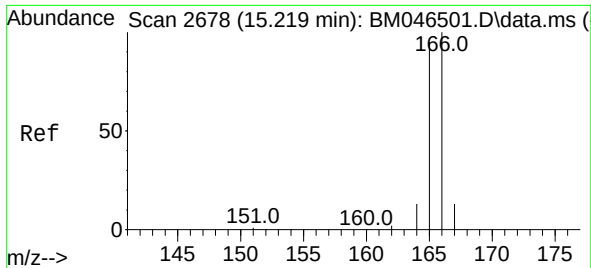
Tgt Ion:152 Resp: 3596
Ion Ratio Lower Upper
152 100
151 22.2 16.4 24.6
153 14.6 12.4 18.6



#11
Acenaphthene
Concen: 0.406 ng/ul
RT: 14.223 min Scan# 2463
Delta R.T. -0.001 min
Lab File: BM046508.D
Acq: 11 Jul 2024 09:14

Tgt Ion:153 Resp: 2449
Ion Ratio Lower Upper
153 100
152 51.4 43.0 64.6
154 86.9 69.9 104.9

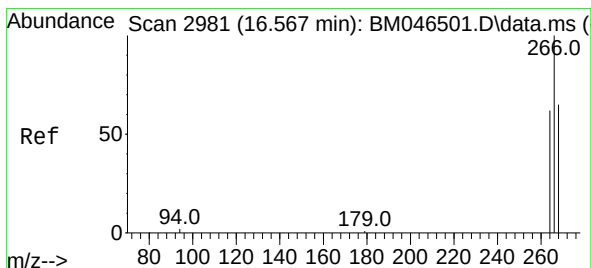
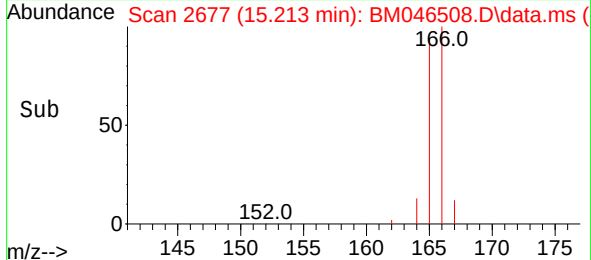
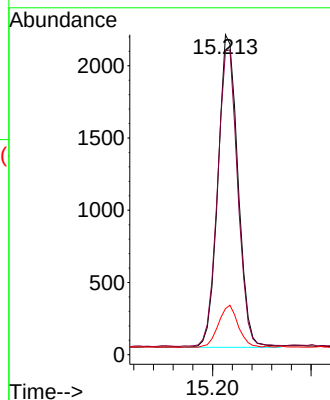
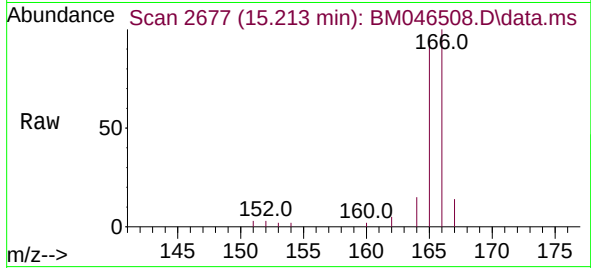




#12
 Fluorene
 Concen: 0.409 ng/ul
 RT: 15.213 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BM046508.D
 Acq: 11 Jul 2024 09:14

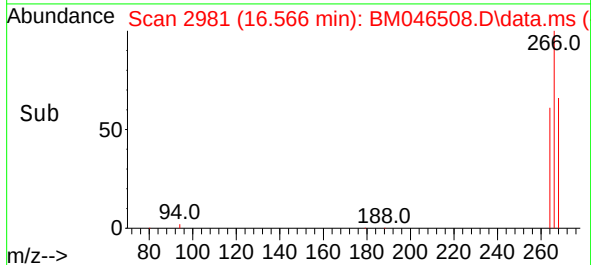
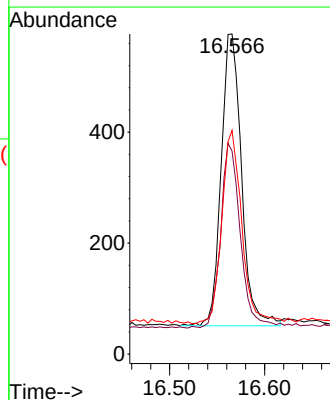
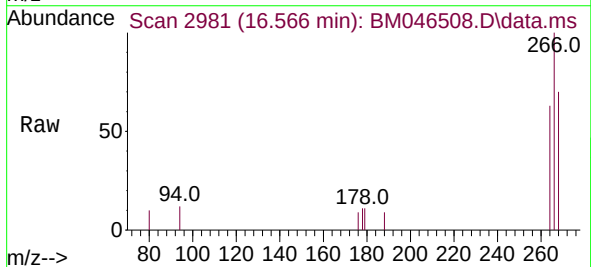
Instrument :
 BNA_M
 ClientSampleId :
 SST00.4160

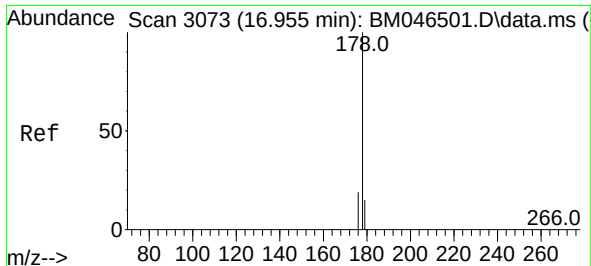
Tgt Ion:166 Resp: 3055
 Ion Ratio Lower Upper
 166 100
 165 94.9 76.1 114.1
 167 14.4 12.5 18.7



#14
 Pentachlorophenol
 Concen: 0.349 ng/ul
 RT: 16.566 min Scan# 2981
 Delta R.T. -0.001 min
 Lab File: BM046508.D
 Acq: 11 Jul 2024 09:14

Tgt Ion:266 Resp: 786
 Ion Ratio Lower Upper
 266 100
 264 62.7 50.1 75.1
 268 65.1 52.5 78.7

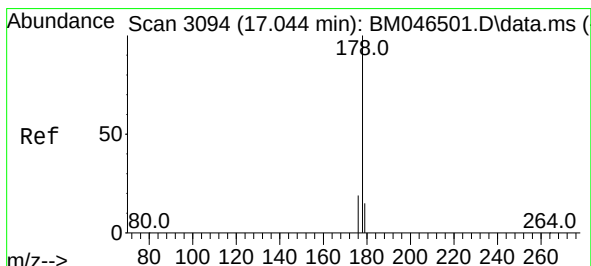
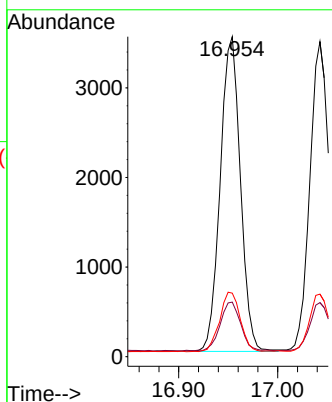
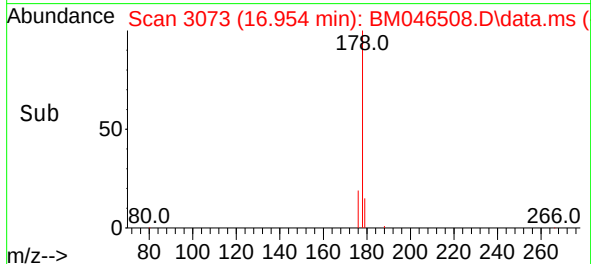
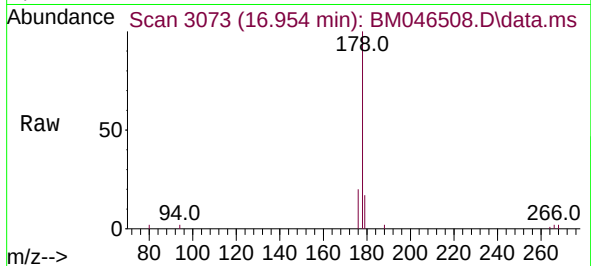




#15
Phenanthrene
Concen: 0.391 ng/ul
RT: 16.954 min Scan# 3073
Delta R.T. -0.001 min
Lab File: BM046508.D
Acq: 11 Jul 2024 09:14

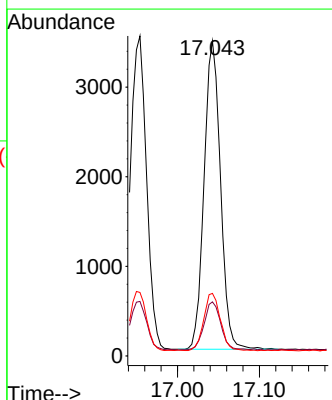
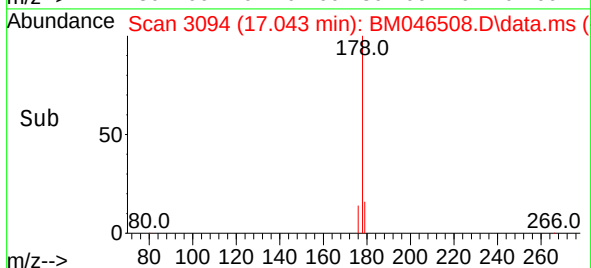
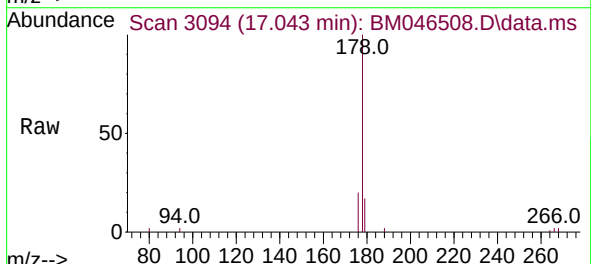
Instrument :
BNA_M
ClientSampleId :
SSTD0.4160

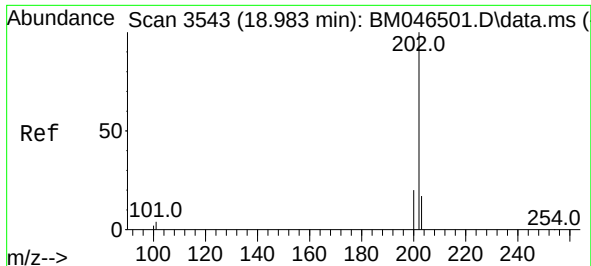
Tgt Ion:178 Resp: 4961
Ion Ratio Lower Upper
178 100
179 17.1 13.1 19.7
176 19.9 16.0 24.0



#16
Anthracene
Concen: 0.386 ng/ul
RT: 17.043 min Scan# 3094
Delta R.T. -0.001 min
Lab File: BM046508.D
Acq: 11 Jul 2024 09:14

Tgt Ion:178 Resp: 4775
Ion Ratio Lower Upper
178 100
179 17.2 13.5 20.3
176 19.9 15.7 23.5





#19

Fluoranthene

Concen: 0.382 ng/ul

RT: 18.982 min Scan# 3543

Delta R.T. -0.001 min

Lab File: BM046508.D

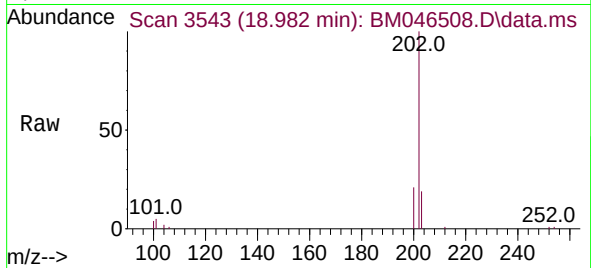
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Instrument :

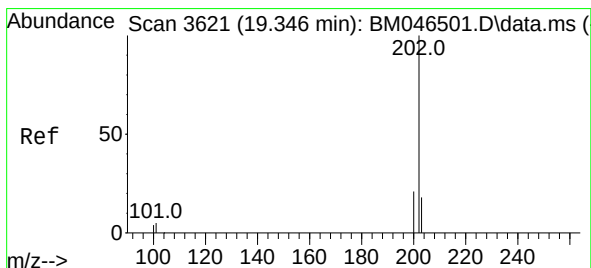
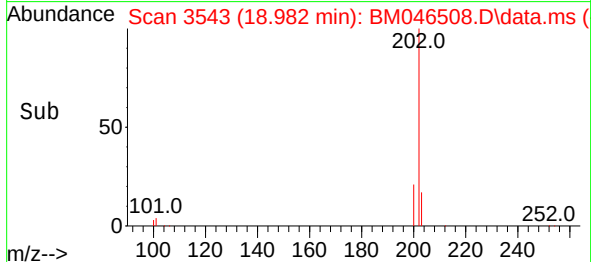
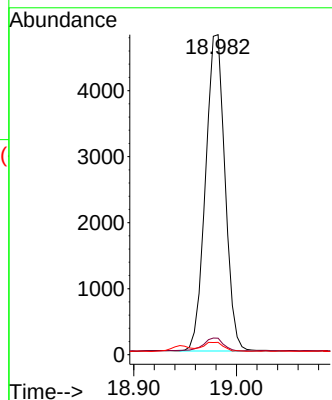
BNA_M

ClientSampleId :

SSTD0.4160



Tgt Ion:	202	Resp:	6296
Ion	Ratio	Lower	Upper
202	100		
101	5.2	4.6	6.8
100	3.9	3.0	4.6



#20

Pyrene

Concen: 0.363 ng/ul

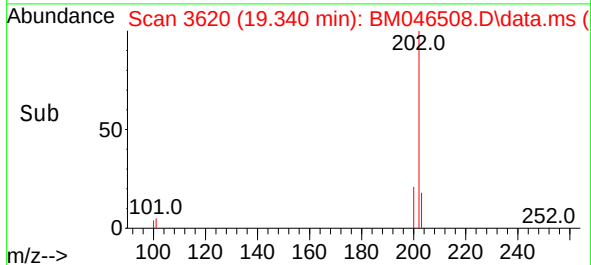
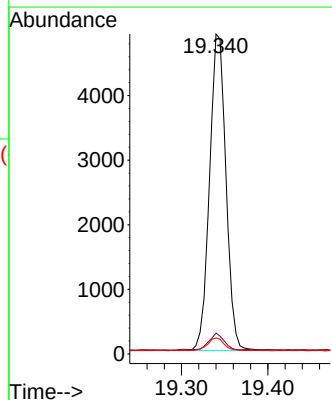
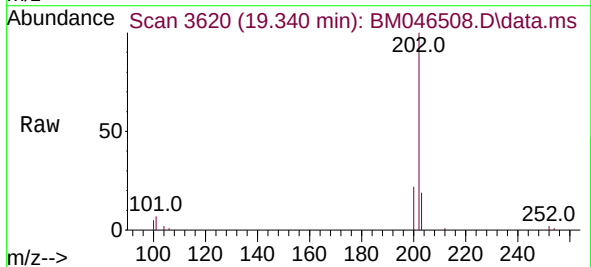
RT: 19.340 min Scan# 3620

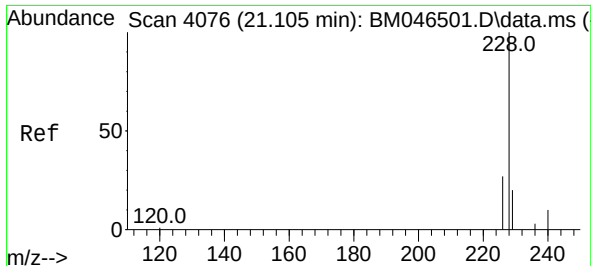
Delta R.T. -0.006 min

Lab File: BM046508.D

Acq: 11 Jul 2024 09:14

Tgt Ion:	202	Resp:	6482
Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.1	7.7
100	5.0	3.8	5.6

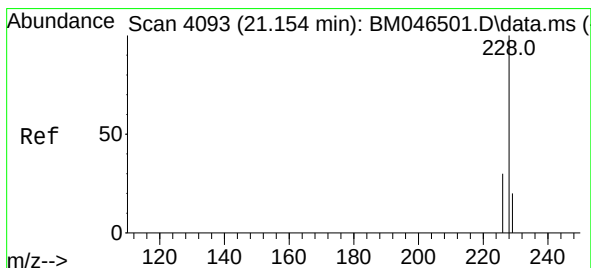
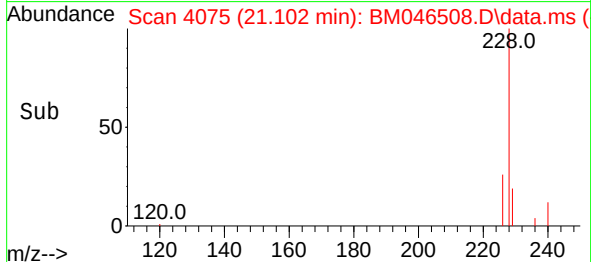
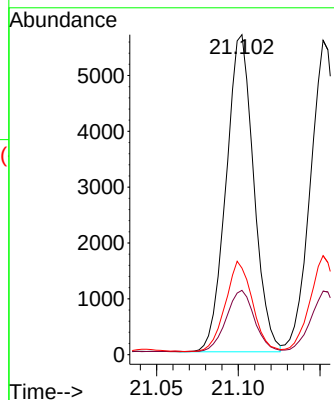
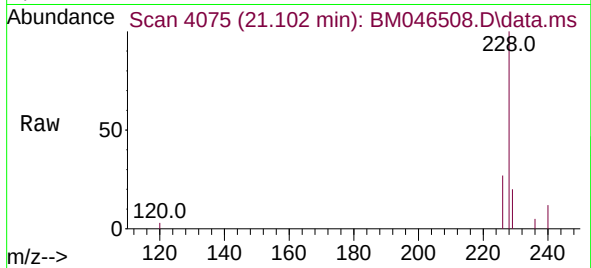




#21
Benzo(a)anthracene
Concen: 0.376 ng/ul
RT: 21.102 min Scan# 4075
Delta R.T. -0.003 min
Lab File: BM046508.D
Acq: 11 Jul 2024 09:14

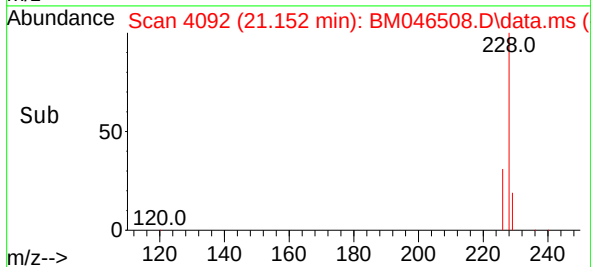
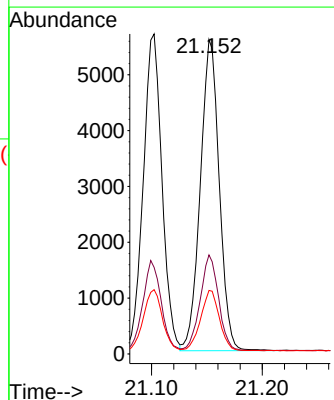
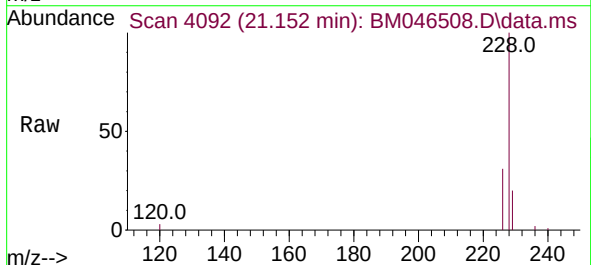
Instrument :
BNA_M
ClientSampleId :
SSTD0.4160

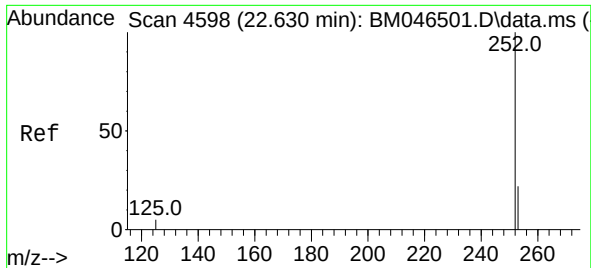
Tgt Ion:228 Resp: 6673
Ion Ratio Lower Upper
228 100
229 20.1 16.5 24.7
226 27.0 22.5 33.7



#22
Chrysene
Concen: 0.386 ng/ul
RT: 21.152 min Scan# 4092
Delta R.T. -0.003 min
Lab File: BM046508.D
Acq: 11 Jul 2024 09:14

Tgt Ion:228 Resp: 6620
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 20.2 16.4 24.6

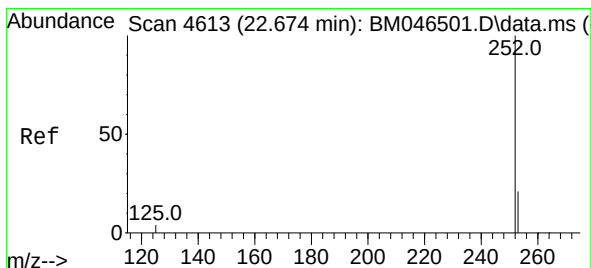
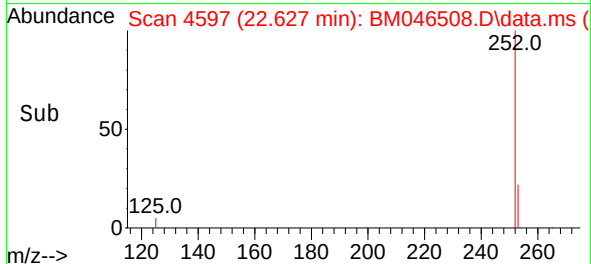
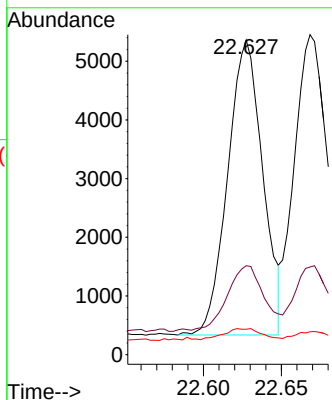
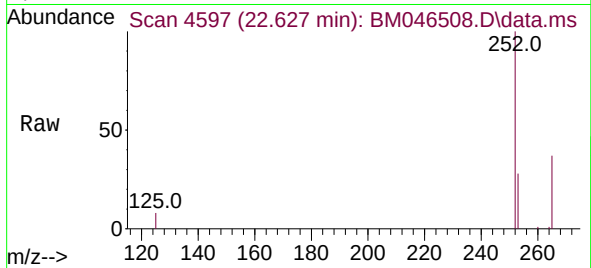




#24
Benzo(b)fluoranthene
Concen: 0.396 ng/ul
RT: 22.627 min Scan# 4597
Delta R.T. -0.003 min
Lab File: BM046508.D
Acq: 11 Jul 2024 09:14

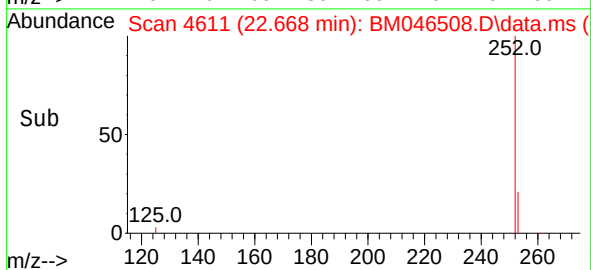
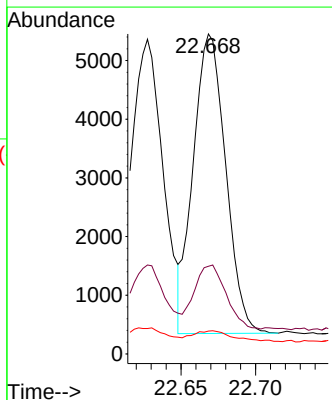
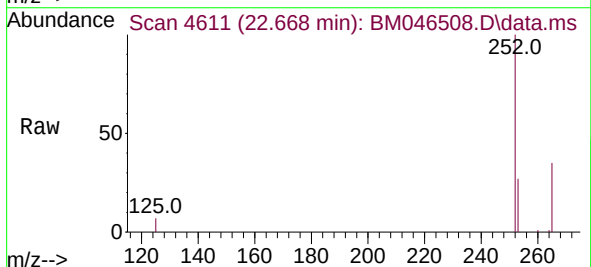
Instrument :
BNA_M
ClientSampleId :
SSTD0.4160

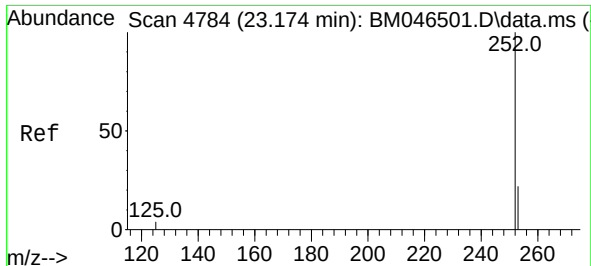
Tgt Ion:252 Resp: 7844
Ion Ratio Lower Upper
252 100
253 28.3 0.0 56.2
125 8.1 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.397 ng/ul
RT: 22.668 min Scan# 4611
Delta R.T. -0.005 min
Lab File: BM046508.D
Acq: 11 Jul 2024 09:14

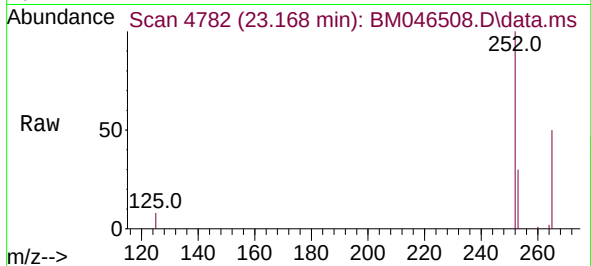
Tgt Ion:252 Resp: 7722
Ion Ratio Lower Upper
252 100
253 27.4 22.4 33.6
125 7.2 7.0 10.4



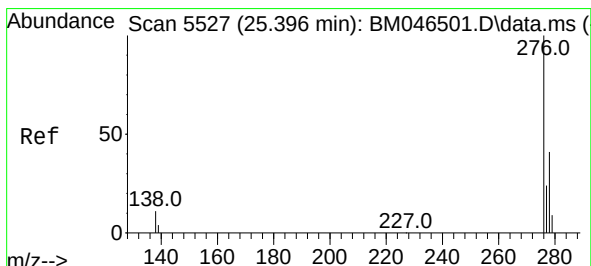
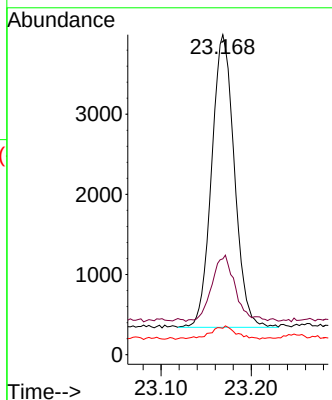
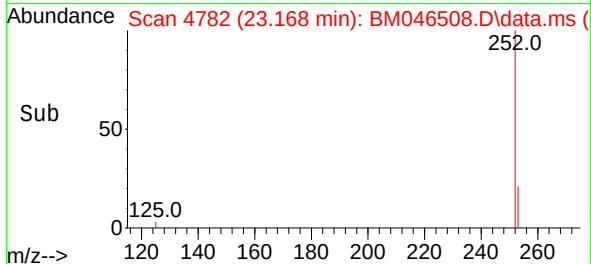


#26
Benzo(a)pyrene
Concen: 0.393 ng/ul
RT: 23.168 min Scan# 41
Delta R.T. -0.005 min
Lab File: BM046508.D
Acq: 11 Jul 2024 09:14

Instrument :
BNA_M
ClientSampleId :
SSTD0.4160

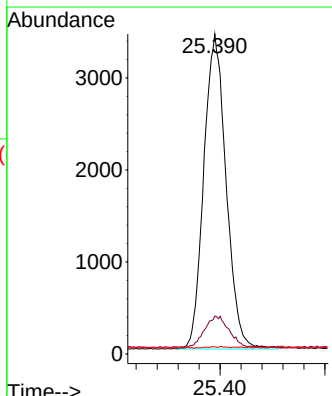
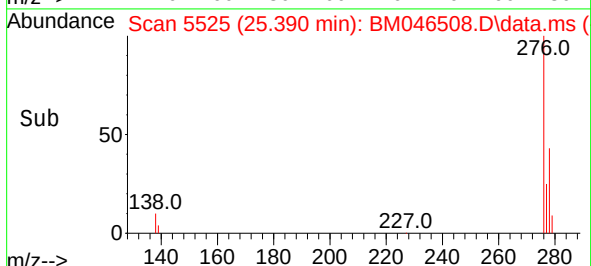
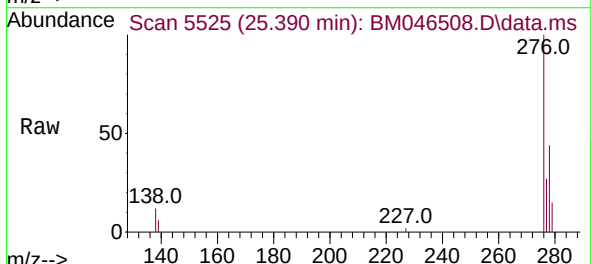


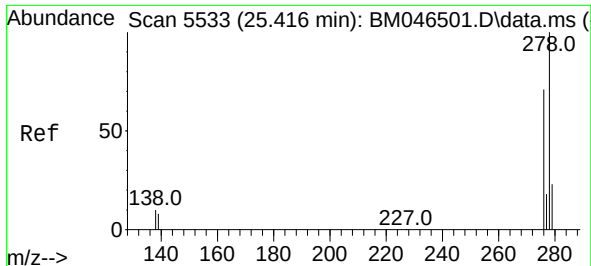
Tgt Ion:252 Resp: 6401
Ion Ratio Lower Upper
252 100
253 29.9 24.0 36.0
125 8.3 8.2 12.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng/ul
RT: 25.390 min Scan# 5525
Delta R.T. -0.006 min
Lab File: BM046508.D
Acq: 11 Jul 2024 09:14

Tgt Ion:276 Resp: 10108
Ion Ratio Lower Upper
276 100
138 10.6 0.0 0.0#
227 0.1 0.2 0.2#

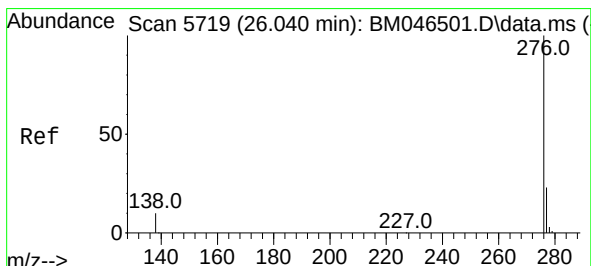
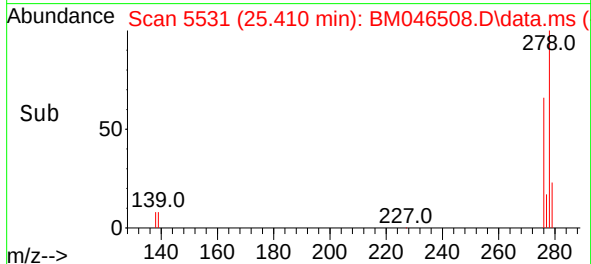
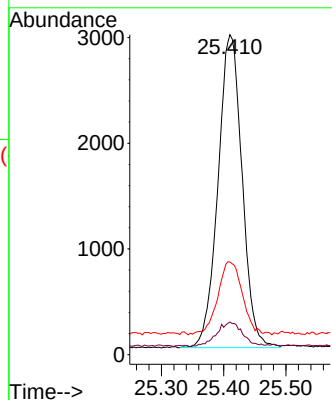
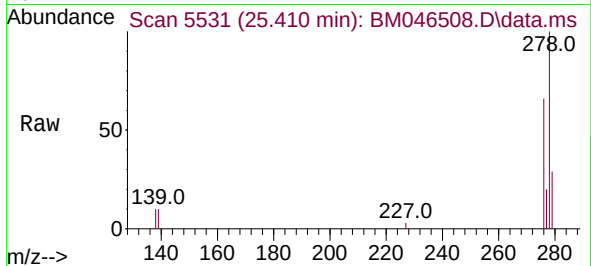




#28
Dibenzo(a,h)anthracene
Concen: 0.405 ng/ul
RT: 25.410 min Scan# 51
Delta R.T. -0.006 min
Lab File: BM046508.D
Acq: 11 Jul 2024 09:14

Instrument :
BNA_M
ClientSampleId :
SSTD0.4160

Tgt Ion:278 Resp: 7946
Ion Ratio Lower Upper
278 100
139 10.2 9.1 13.7
279 28.9 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul
RT: 26.027 min Scan# 5715
Delta R.T. -0.013 min
Lab File: BM046508.D
Acq: 11 Jul 2024 09:14

Tgt Ion:276 Resp: 8142
Ion Ratio Lower Upper
276 100
138 11.0 10.2 15.4
277 26.3 20.9 31.3

