

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045504.D
 Acq On : 23 Apr 2024 06:54
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4088

Quant Time: Apr 23 08:34:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 02:57:45 2024
 Response via : Initial Calibration

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

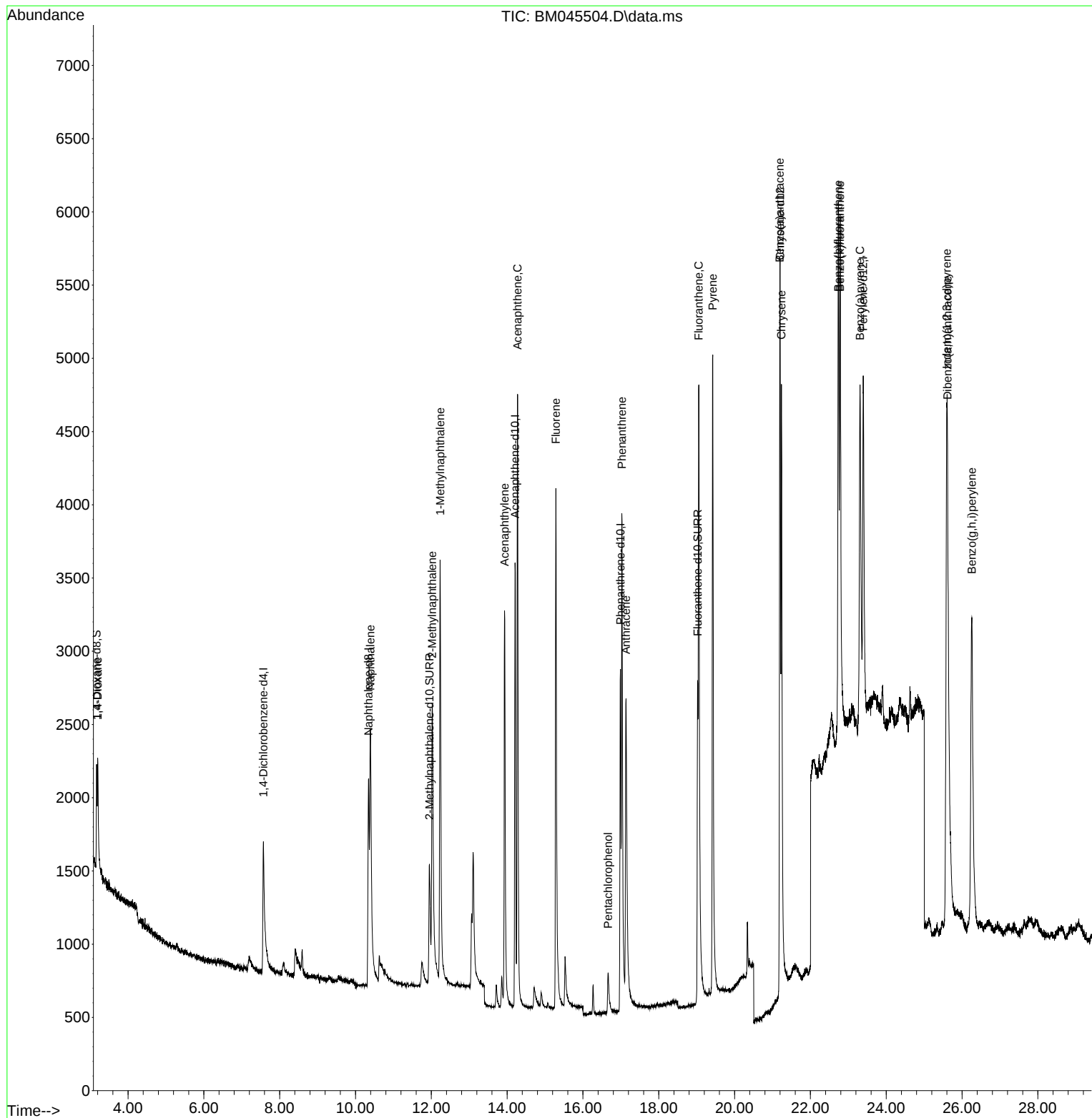
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.572	152	1045	0.400	ng/ul	#-0.04
4) Naphthalene-d8	10.341	136	3578	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.209	164	2026	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.988	188	4117	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.202	240	2908	0.400	ng/ul	#-0.01
23) Perylene-d12	23.394	264	3883	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	562	0.401	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	1979	0.419	ng/ul	-0.03
18) Fluoranthene-d10	19.024	212	3723	0.407	ng/ul	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.205	88	504	0.374	ng/ul#	82
5) Naphthalene	10.396	128	3919	0.408	ng/ul	94
7) 2-Methylnaphthalene	12.024	142	2411	0.439	ng/ul	97
8) 1-Methylnaphthalene	12.233	142	2723	0.442	ng/ul	99
10) Acenaphthylene	13.932	152	4385	0.439	ng/ul	97
11) Acenaphthene	14.274	153	3073	0.414	ng/ul	98
12) Fluorene	15.287	166	3274	0.413	ng/ul	97
14) Pentachlorophenol	16.663	266	319	0.389	ng/ul	93
15) Phenanthrene	17.026	178	4709	0.393	ng/ul	98
16) Anthracene	17.136	178	4613	0.411	ng/ul	96
19) Fluoranthene	19.057	202	5337	0.398	ng/ul#	94
20) Pyrene	19.424	202	5757	0.417	ng/ul	95
21) Benzo(a)anthracene	21.193	228	4037	0.434	ng/ul	96
22) Chrysene	21.237	228	5510	0.386	ng/ul	99
24) Benzo(b)fluoranthene	22.739	252	4923	0.377	ng/ul#	79
25) Benzo(k)fluoranthene	22.783	252	6034	0.366	ng/ul#	83
26) Benzo(a)pyrene	23.309	252	5343	0.394	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.595	276	7156	0.363	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.618	278	5558	0.356	ng/ul#	79
29) Benzo(g,h,i)perylene	26.256	276	6109	0.345	ng/ul#	92

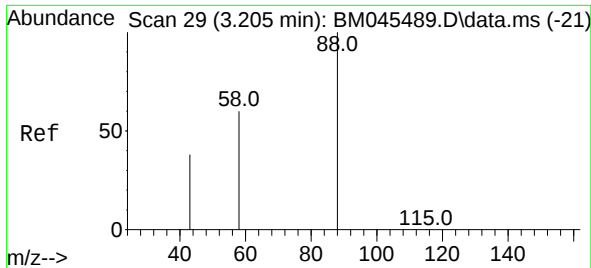
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045504.D
Acq On : 23 Apr 2024 06:54
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Sample : SSTDC00.4
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4088

Quant Time: Apr 23 08:34:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
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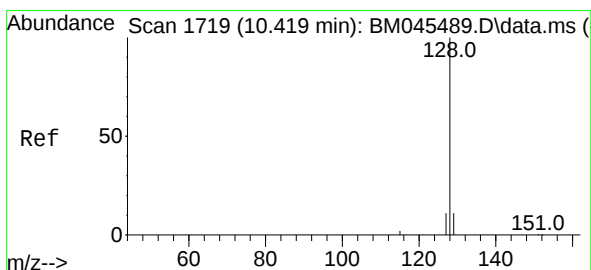
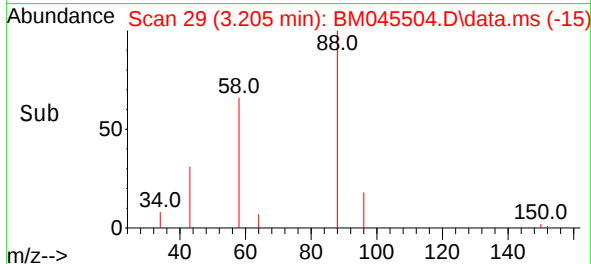
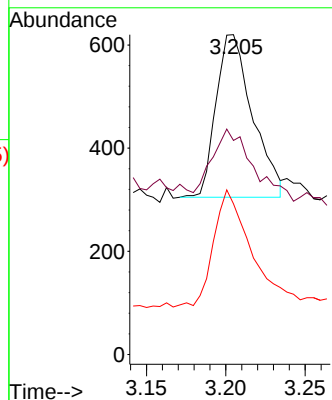
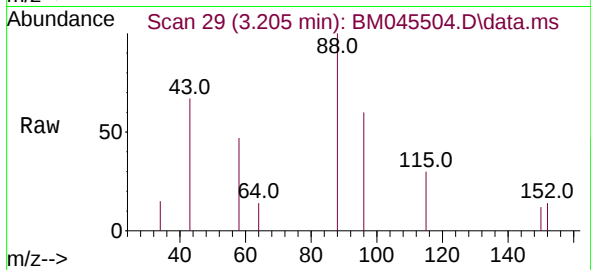




#2
1,4-Dioxane
Concen: 0.374 ng/ul
RT: 3.205 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM045504.D
Acq: 23 Apr 2024 06:54

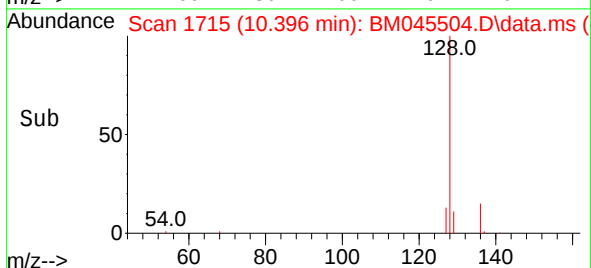
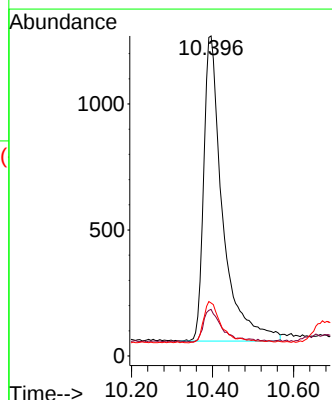
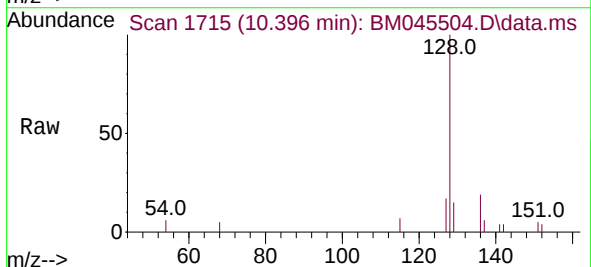
Instrument :
BNA_M
ClientSampleId :
SSTD0.4088

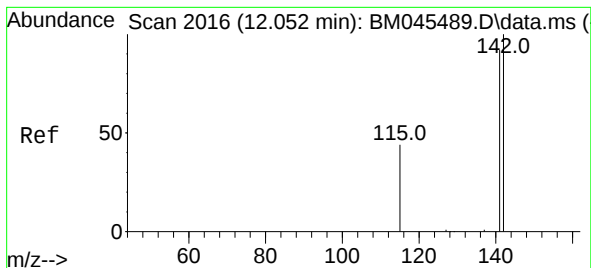
Tgt Ion: 88 Resp: 504
Ion Ratio Lower Upper
88 100
43 66.9 36.8 55.2#
58 47.1 35.4 53.2



#5
Naphthalene
Concen: 0.408 ng/ul
RT: 10.396 min Scan# 1715
Delta R.T. -0.022 min
Lab File: BM045504.D
Acq: 23 Apr 2024 06:54

Tgt Ion: 128 Resp: 3919
Ion Ratio Lower Upper
128 100
129 14.6 14.0 21.0
127 16.5 15.4 23.2

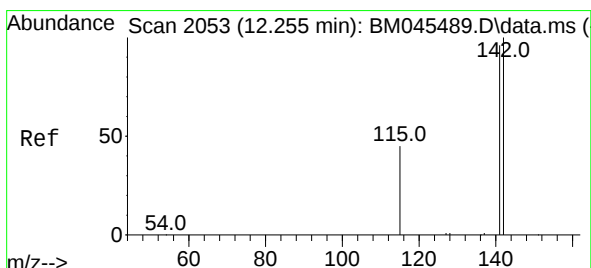
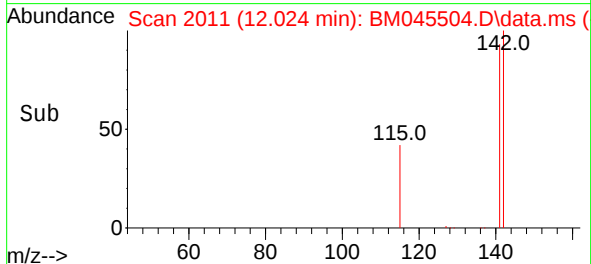
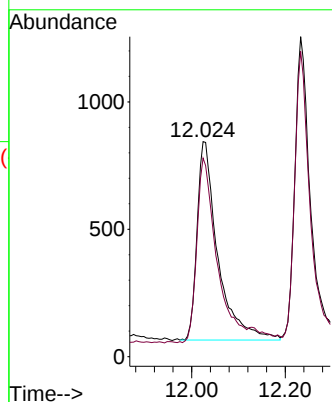
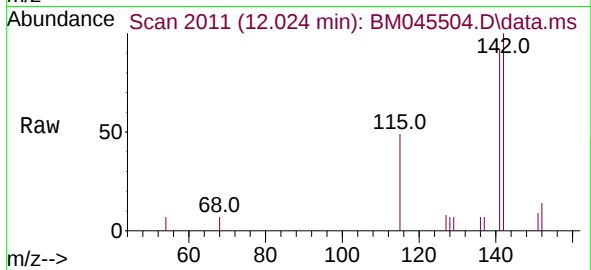




#7
2-Methylnaphthalene
Concen: 0.439 ng/ul
RT: 12.024 min Scan# 2011
Delta R.T. -0.028 min
Lab File: BM045504.D
Acq: 23 Apr 2024 06:54

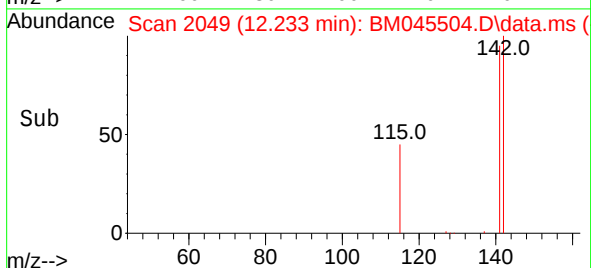
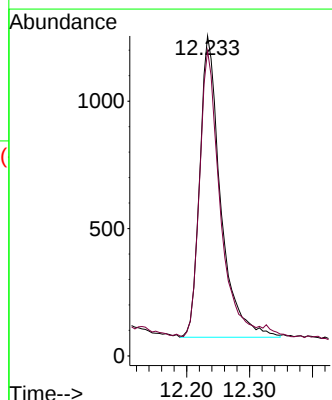
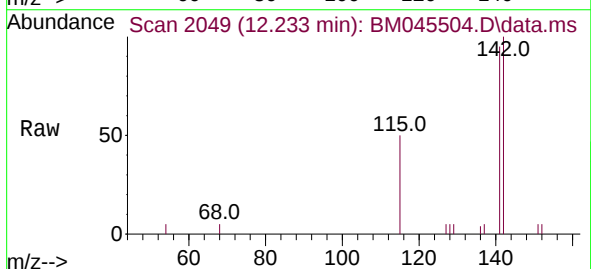
Instrument :
BNA_M
ClientSampleId :
SSTD0.4088

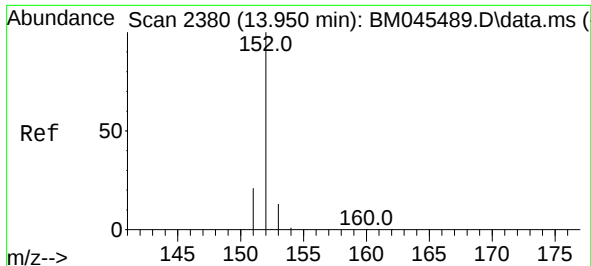
Tgt Ion:142 Resp: 2411
Ion Ratio Lower Upper
142 100
141 96.1 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.442 ng/ul
RT: 12.233 min Scan# 2049
Delta R.T. -0.022 min
Lab File: BM045504.D
Acq: 23 Apr 2024 06:54

Tgt Ion:142 Resp: 2723
Ion Ratio Lower Upper
142 100
141 94.3 76.1 114.1

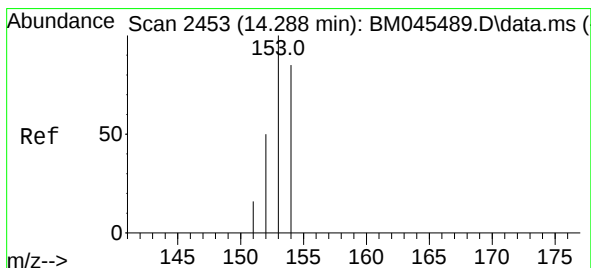
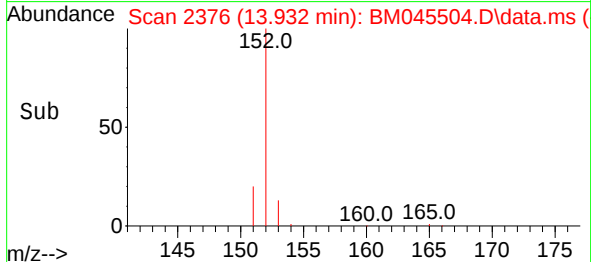
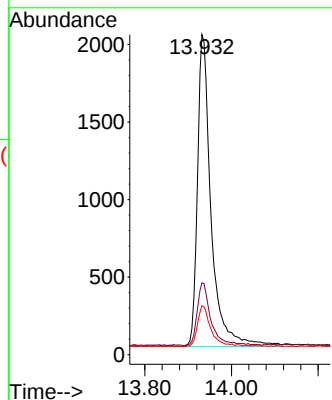
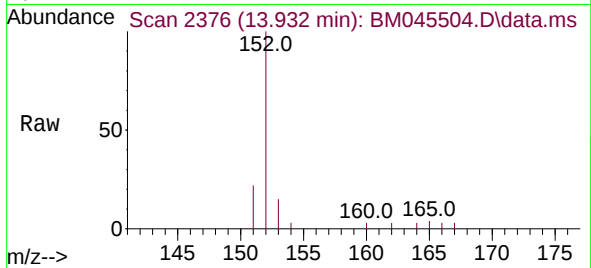




#10
Acenaphthylene
Concen: 0.439 ng/ul
RT: 13.932 min Scan# 2450
Delta R.T. -0.019 min
Lab File: BM045504.D
Acq: 23 Apr 2024 06:54

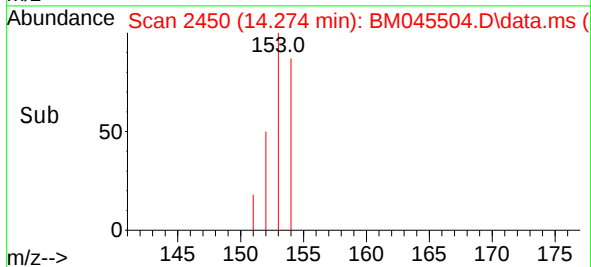
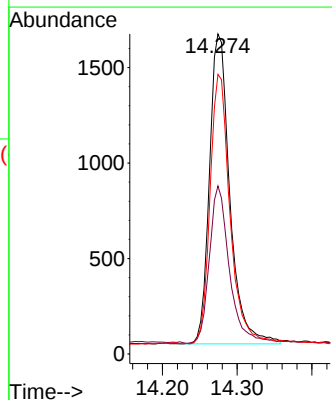
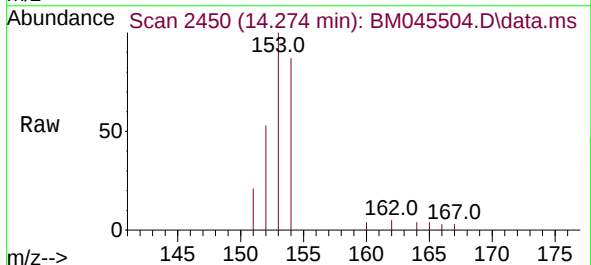
Instrument :
BNA_M
ClientSampleId :
SSTD0.4088

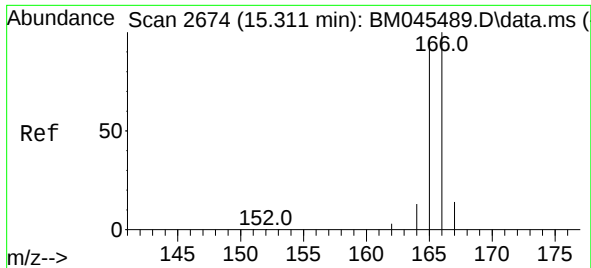
Tgt Ion:152 Resp: 4385
Ion Ratio Lower Upper
152 100
151 22.4 18.6 28.0
153 15.3 14.1 21.1



#11
Acenaphthene
Concen: 0.414 ng/ul
RT: 14.274 min Scan# 2450
Delta R.T. -0.014 min
Lab File: BM045504.D
Acq: 23 Apr 2024 06:54

Tgt Ion:153 Resp: 3073
Ion Ratio Lower Upper
153 100
152 52.5 43.4 65.2
154 87.4 69.0 103.6

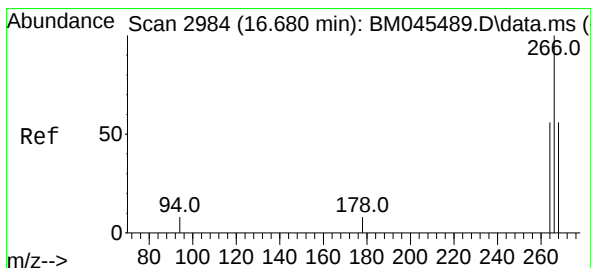
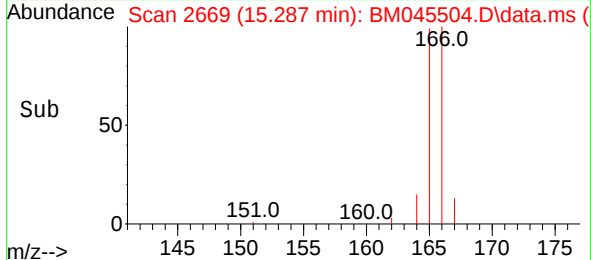
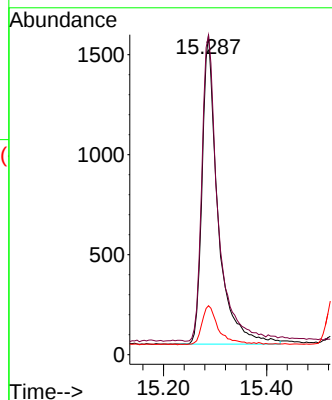
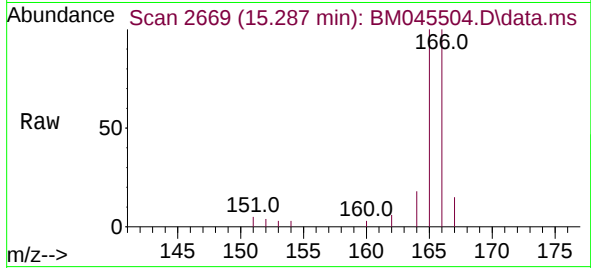




#12
Fluorene
Concen: 0.413 ng/ul
RT: 15.287 min Scan# 2
Delta R.T. -0.023 min
Lab File: BM045504.D
Acq: 23 Apr 2024 06:54

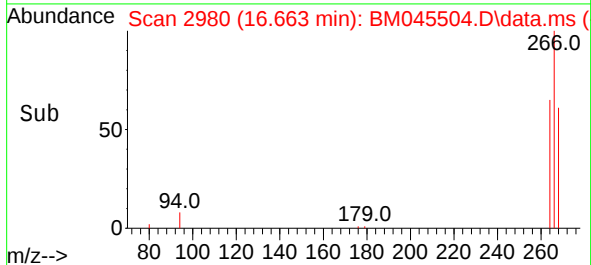
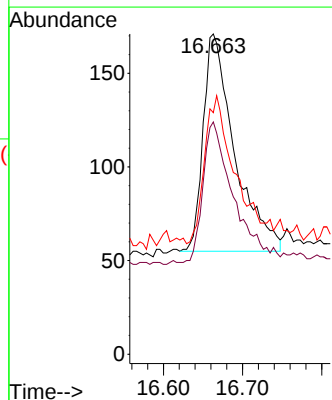
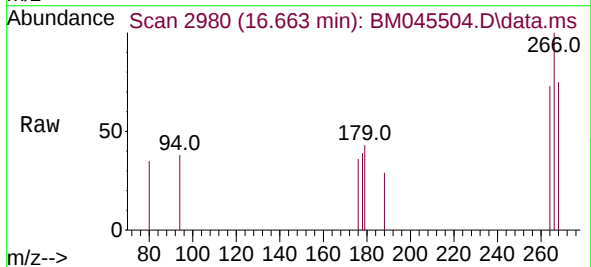
Instrument :
BNA_M
ClientSampleId :
SSTD0.4088

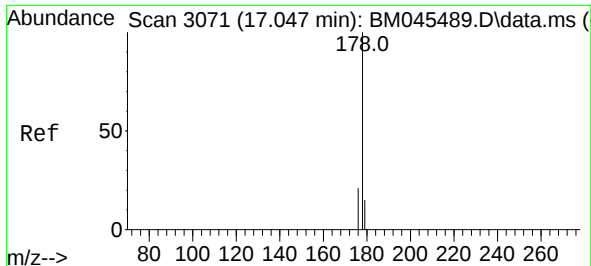
Tgt Ion:166 Resp: 3274
Ion Ratio Lower Upper
166 100
165 99.9 82.2 123.2
167 15.3 14.8 22.2



#14
Pentachlorophenol
Concen: 0.389 ng/ul
RT: 16.663 min Scan# 2980
Delta R.T. -0.017 min
Lab File: BM045504.D
Acq: 23 Apr 2024 06:54

Tgt Ion:266 Resp: 319
Ion Ratio Lower Upper
266 100
264 65.5 45.5 68.3
268 72.4 56.1 84.1

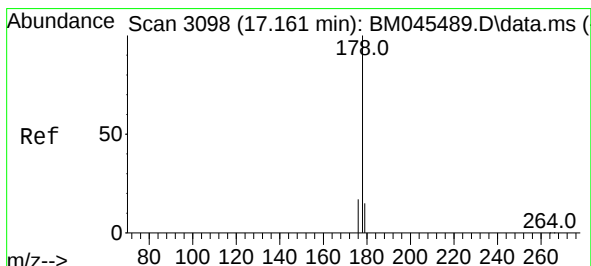
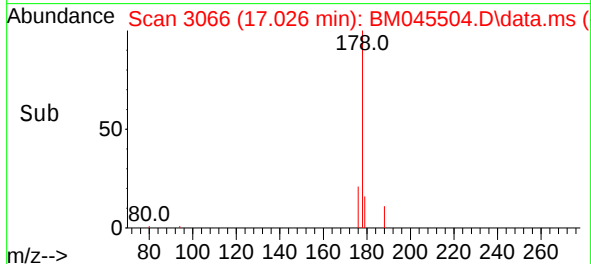
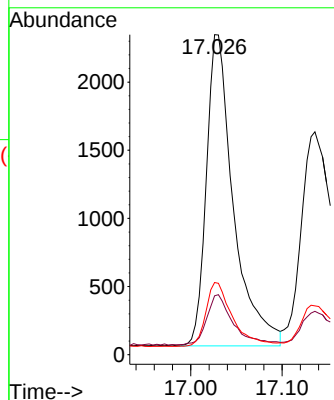
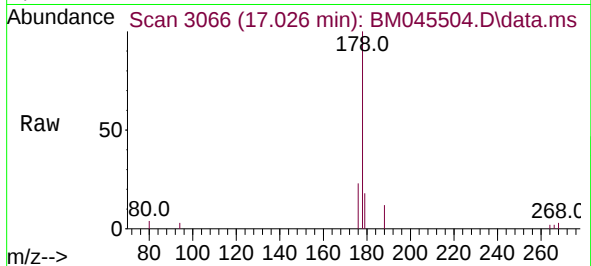




#15
Phenanthrene
Concen: 0.393 ng/ul
RT: 17.026 min Scan# 3066
Delta R.T. -0.021 min
Lab File: BM045504.D
Acq: 23 Apr 2024 06:54

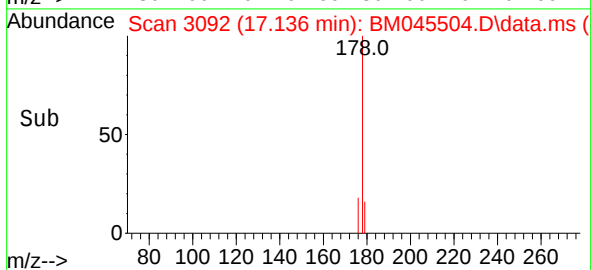
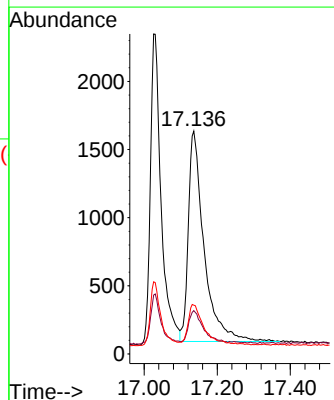
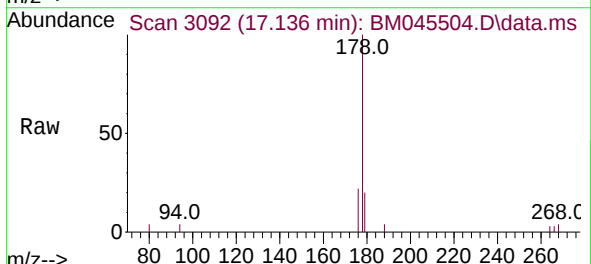
Instrument :
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ClientSampleId :
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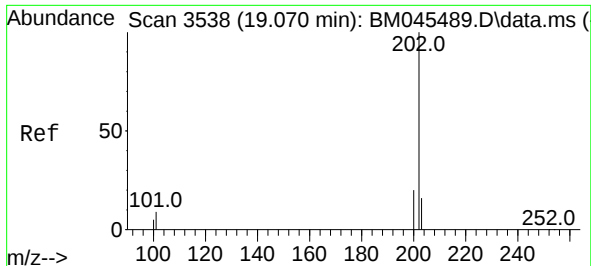
Tgt Ion:178 Resp: 4709
Ion Ratio Lower Upper
178 100
179 18.4 15.4 23.2
176 22.6 19.0 28.4



#16
Anthracene
Concen: 0.411 ng/ul
RT: 17.136 min Scan# 3092
Delta R.T. -0.025 min
Lab File: BM045504.D
Acq: 23 Apr 2024 06:54

Tgt Ion:178 Resp: 4613
Ion Ratio Lower Upper
178 100
179 19.5 17.8 26.6
176 21.9 18.7 28.1





#19

Fluoranthene

Concen: 0.398 ng/ul

RT: 19.057 min Scan# 3537

Delta R.T. -0.014 min

Lab File: BM045504.D

Acq: 23 Apr 2024 06:54

Instrument :

BNA_M

ClientSampleId :

SSTD0.4088

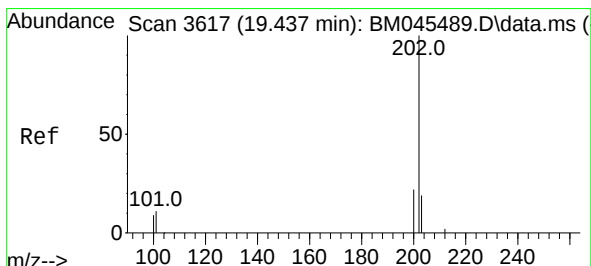
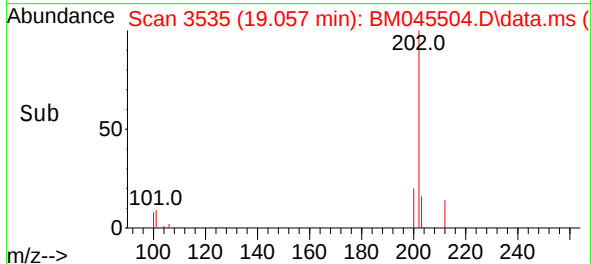
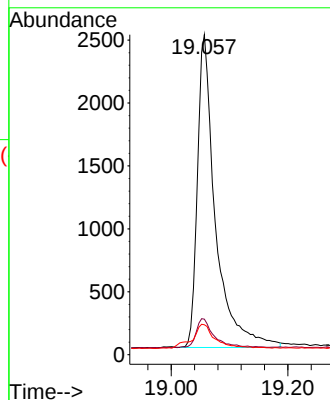
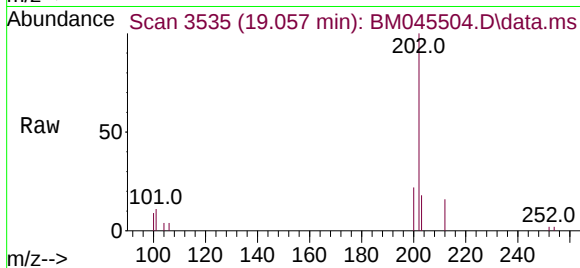
Tgt Ion:202 Resp: 5337

Ion Ratio Lower Upper

202 100

101 11.1 11.2 16.8#

100 9.4 9.1 13.7



#20

Pyrene

Concen: 0.417 ng/ul

RT: 19.424 min Scan# 3614

Delta R.T. -0.014 min

Lab File: BM045504.D

Acq: 23 Apr 2024 06:54

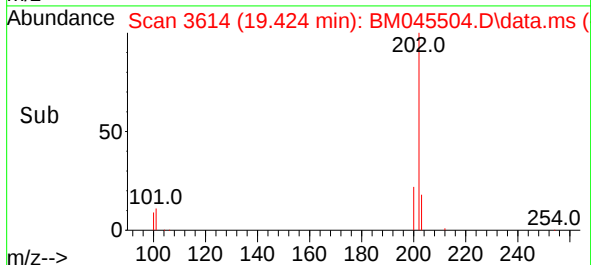
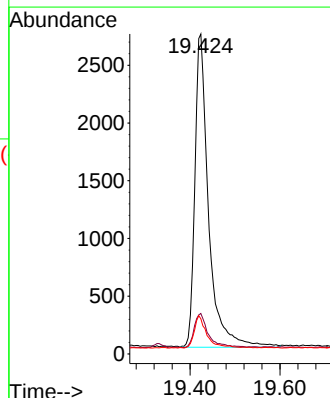
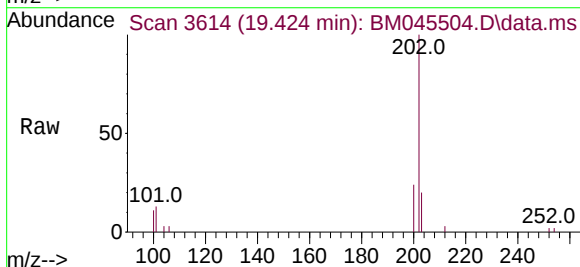
Tgt Ion:202 Resp: 5757

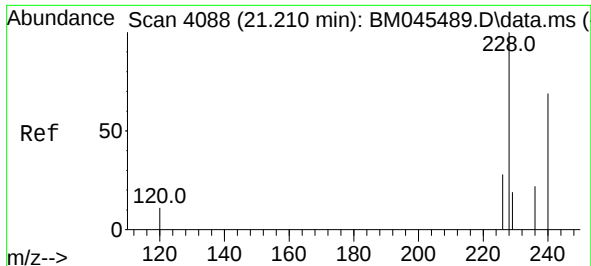
Ion Ratio Lower Upper

202 100

101 12.7 11.5 17.3

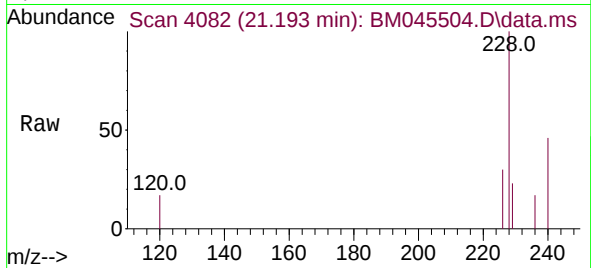
100 11.0 10.6 15.8



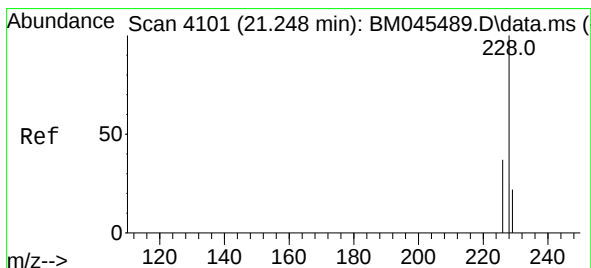
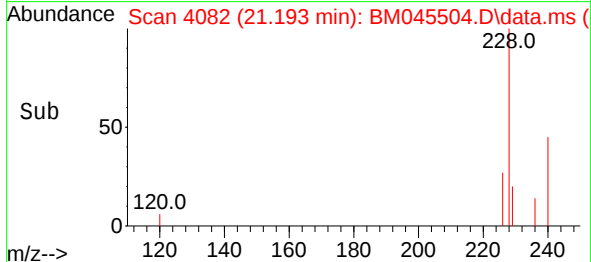
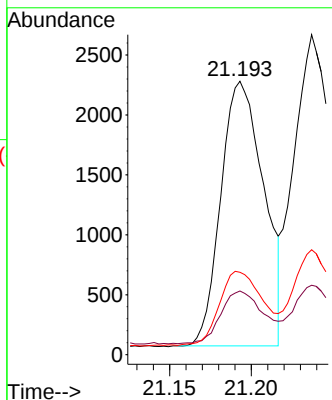


#21
Benzo(a)anthracene
Concen: 0.434 ng/ul
RT: 21.193 min Scan# 4082
Delta R.T. -0.017 min
Lab File: BM045504.D
Acq: 23 Apr 2024 06:54

Instrument :
BNA_M
ClientSampleId :
SSTD0.4088

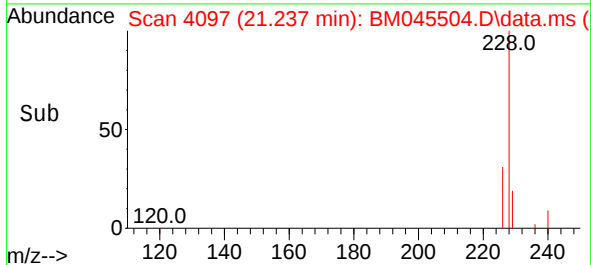
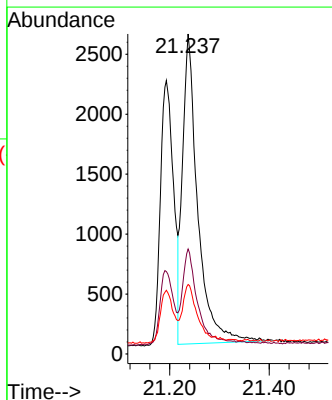
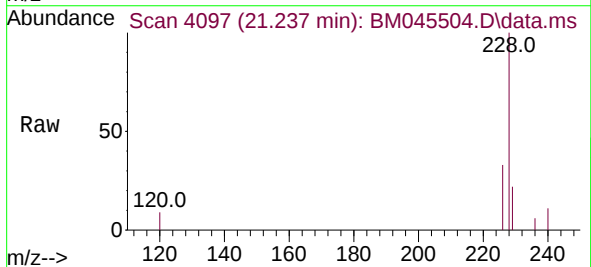


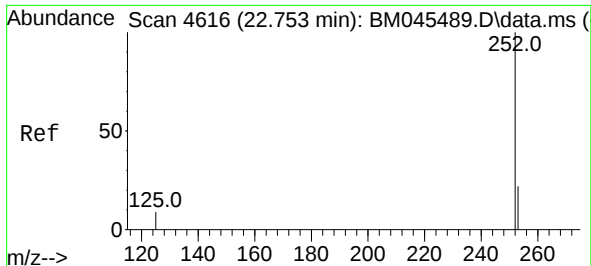
Tgt Ion:228 Resp: 4037
Ion Ratio Lower Upper
228 100
229 23.3 19.4 29.2
226 30.2 26.3 39.5



#22
Chrysene
Concen: 0.386 ng/ul
RT: 21.237 min Scan# 4097
Delta R.T. -0.011 min
Lab File: BM045504.D
Acq: 23 Apr 2024 06:54

Tgt Ion:228 Resp: 5510
Ion Ratio Lower Upper
228 100
226 32.8 26.3 39.5
229 21.7 17.8 26.8

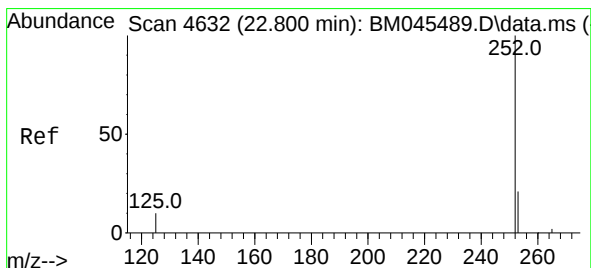
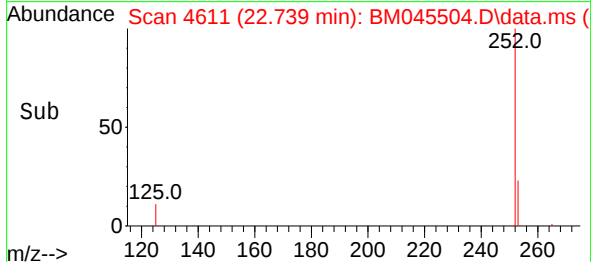
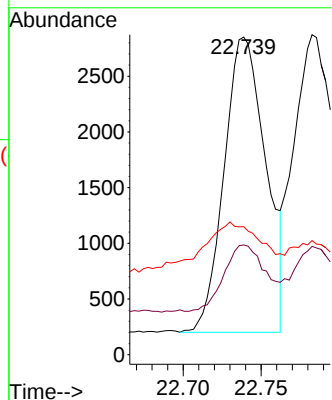
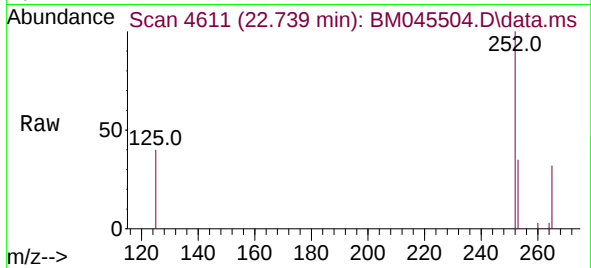




#24
Benzo(b)fluoranthene
Concen: 0.377 ng/ul
RT: 22.739 min Scan# 4611
Delta R.T. -0.014 min
Lab File: BM045504.D
Acq: 23 Apr 2024 06:54

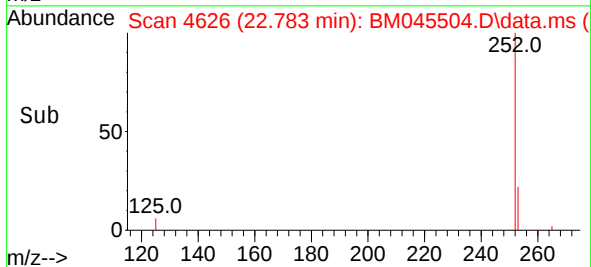
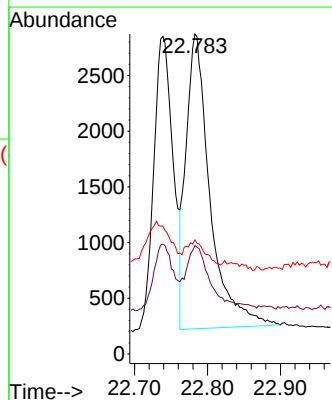
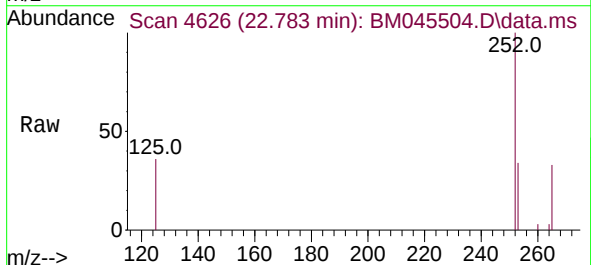
Instrument :
BNA_M
ClientSampleId :
SSTD0.4088

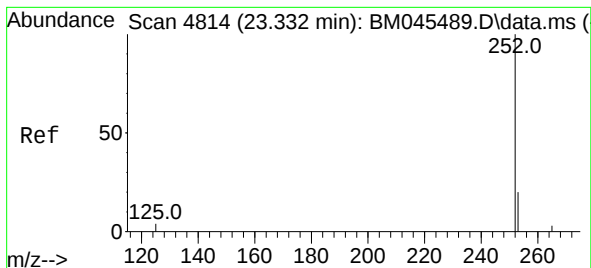
Tgt Ion:252 Resp: 4923
Ion Ratio Lower Upper
252 100
253 34.6 0.0 63.4
125 40.3 0.0 36.8#



#25
Benzo(k)fluoranthene
Concen: 0.366 ng/ul
RT: 22.783 min Scan# 4626
Delta R.T. -0.017 min
Lab File: BM045504.D
Acq: 23 Apr 2024 06:54

Tgt Ion:252 Resp: 6034
Ion Ratio Lower Upper
252 100
253 33.9 25.4 38.0
125 35.7 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.394 ng/ul

RT: 23.309 min Scan# 4814

Delta R.T. -0.023 min

Lab File: BM045504.D

Acq: 23 Apr 2024 06:54

Instrument :

BNA_M

ClientSampleId :

SSTD0.4088

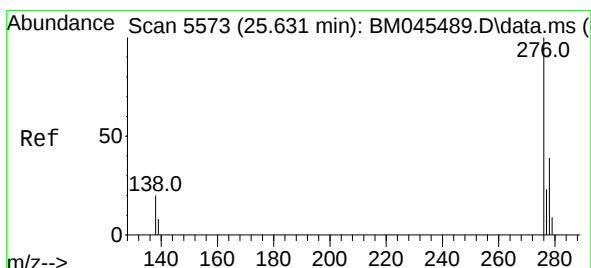
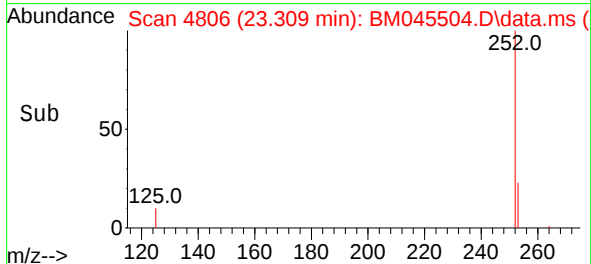
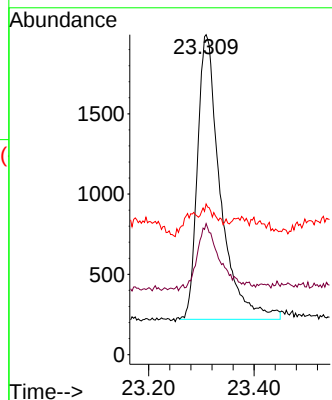
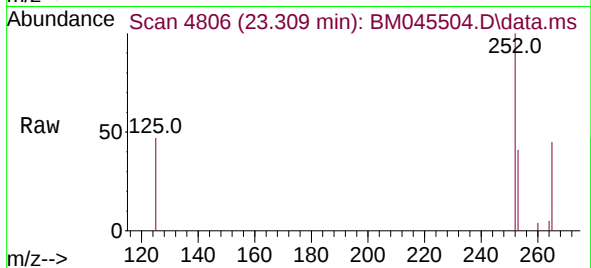
Tgt Ion:252 Resp: 5343

Ion Ratio Lower Upper

252 100

253 40.9 31.6 47.4

125 47.1 19.5 29.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.363 ng/ul

RT: 25.595 min Scan# 5562

Delta R.T. -0.037 min

Lab File: BM045504.D

Acq: 23 Apr 2024 06:54

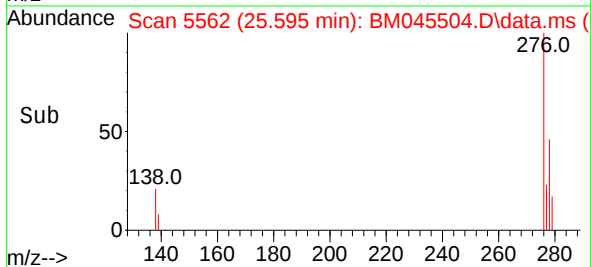
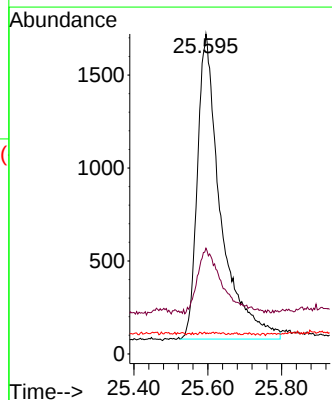
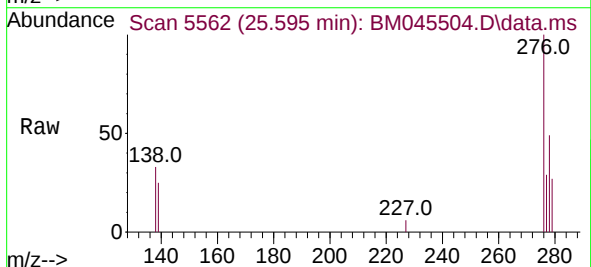
Tgt Ion:276 Resp: 7156

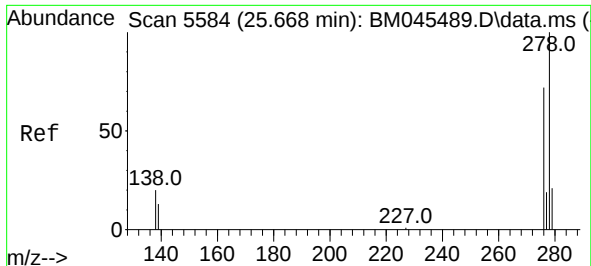
Ion Ratio Lower Upper

276 100

138 22.8 19.8 29.6

227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.356 ng/ul

RT: 25.618 min Scan# 5558

Delta R.T. -0.050 min

Lab File: BM045504.D

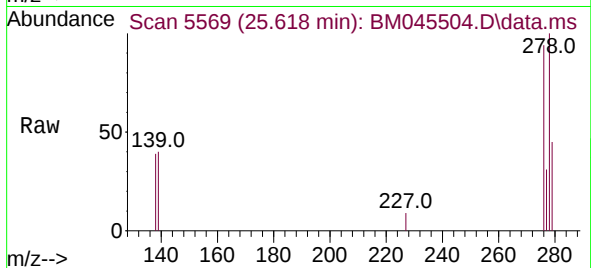
Acq: 23 Apr 2024 06:54

Instrument :

BNA_M

ClientSampleId :

SSTD0.4088



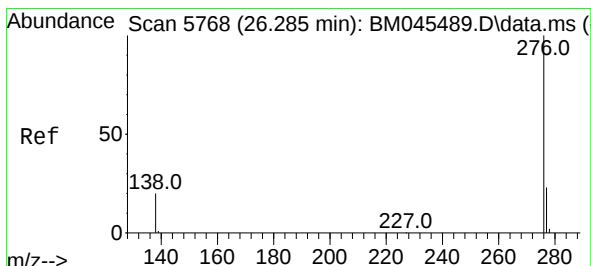
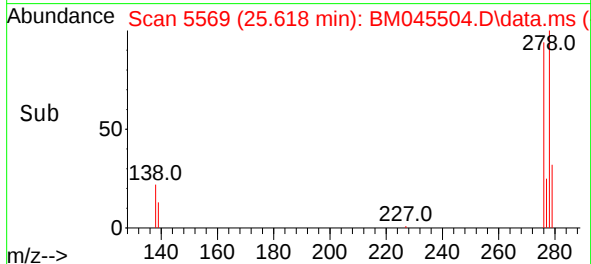
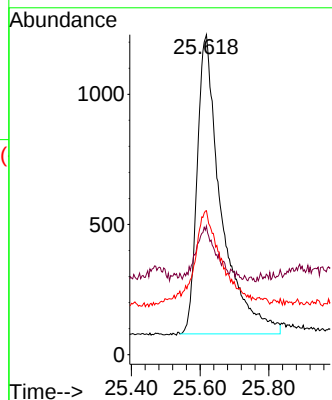
Tgt Ion:278 Resp: 5558

Ion Ratio Lower Upper

278 100

139 40.2 19.0 28.6#

279 45.0 29.4 44.2#



#29

Benzo(g,h,i)perylene

Concen: 0.345 ng/ul

RT: 26.256 min Scan# 5759

Delta R.T. -0.030 min

Lab File: BM045504.D

Acq: 23 Apr 2024 06:54

Tgt Ion:276 Resp: 6109

Ion Ratio Lower Upper

276 100

138 32.7 20.8 31.2#

277 29.0 21.8 32.8

