

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120524\
 Data File : BM048904.D
 Acq On : 07 Dec 2024 19:57
 Operator : RC/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4103

Quant Time: Dec 08 21:48:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 00:05:00 2024
 Response via : Initial Calibration

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

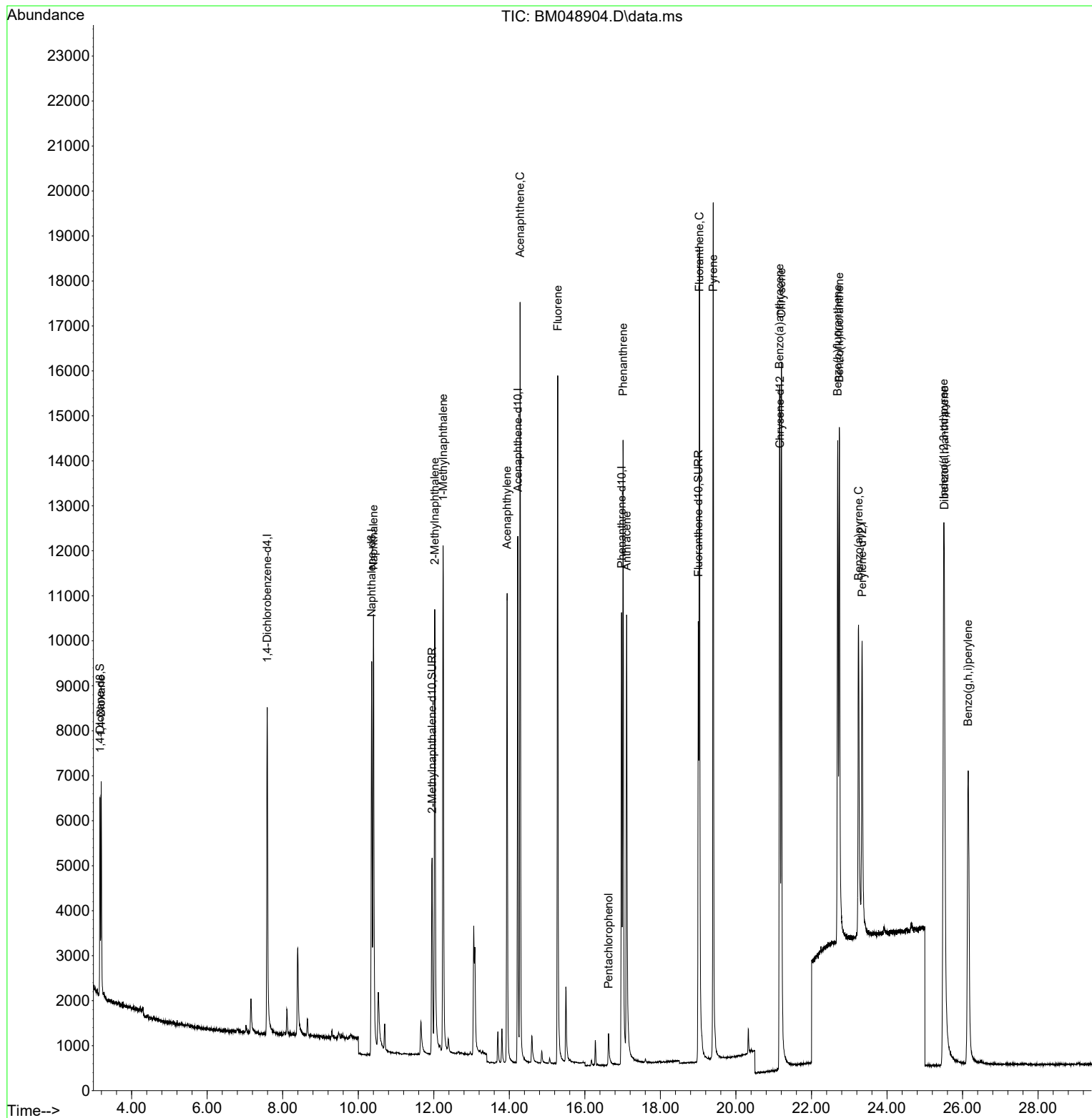
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	4695	0.400	ng/ul	0.00
4) Naphthalene-d8	10.354	136	12959	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.225	164	6968	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.972	188	13650	0.400	ng/ul	0.00
17) Chrysene-d12	21.166	240	8686	0.400	ng/ul	0.00
23) Perylene-d12	23.341	264	9201	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	2708	0.452	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.954	152	7411	0.475	ng/ul	0.00
18) Fluoranthene-d10	19.002	212	12259	0.457	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.193	88	3017	0.425	ng/ul#	85
5) Naphthalene	10.403	128	14748	0.450	ng/ul	99
7) 2-Methylnaphthalene	12.025	142	9069	0.479	ng/ul	97
8) 1-Methylnaphthalene	12.245	142	9284	0.464	ng/ul	99
10) Acenaphthylene	13.942	152	13177	0.431	ng/ul	98
11) Acenaphthene	14.285	153	10117	0.459	ng/ul	97
12) Fluorene	15.279	166	10935	0.479	ng/ul	99
14) Pentachlorophenol	16.626	266	734	0.622	ng/ul#	5
15) Phenanthrene	17.010	178	16244	0.469	ng/ul	99
16) Anthracene	17.103	178	14020	0.455	ng/ul	96
19) Fluoranthene	19.035	202	17307	0.433	ng/ul	100
20) Pyrene	19.397	202	17628	0.424	ng/ul	99
21) Benzo(a)anthracene	21.152	228	12701	0.518	ng/ul	98
22) Chrysene	21.204	228	16027	0.413	ng/ul	99
24) Benzo(b)fluoranthene	22.694	252	14338	0.554	ng/ul	93
25) Benzo(k)fluoranthene	22.738	252	16554	0.457	ng/ul	95
26) Benzo(a)pyrene	23.244	252	12773	0.482	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.501	276	18149	0.518	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.517	278	13865	0.530	ng/ul	93
29) Benzo(g,h,i)perylene	26.148	276	14834	0.488	ng/ul	96

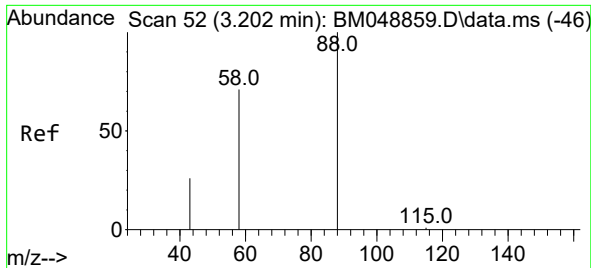
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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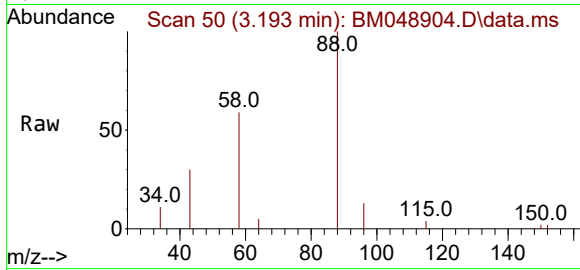
Quant Time: Dec 08 21:48:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 00:05:00 2024
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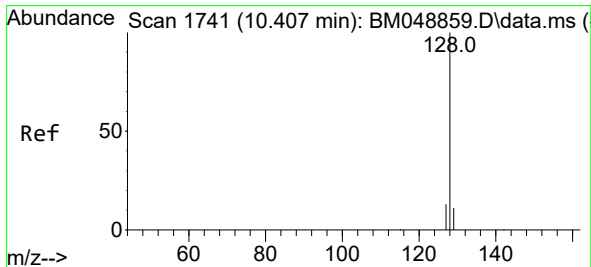
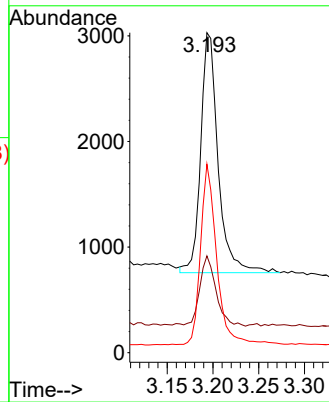
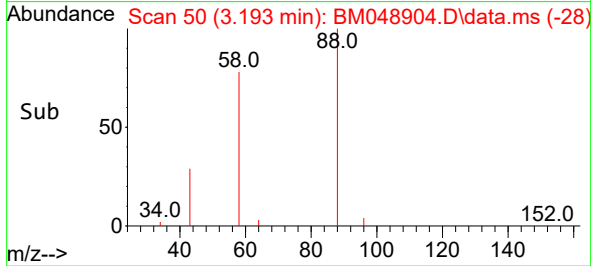


#2
1,4-Dioxane
Concen: 0.425 ng/ul
RT: 3.193 min Scan# 50
Delta R.T. -0.008 min
Lab File: BM048904.D
Acq: 07 Dec 2024 19:57

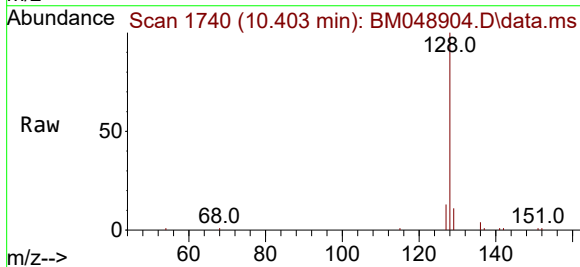
Instrument :
BNA_M
ClientSampleId :
SSTD0.4103



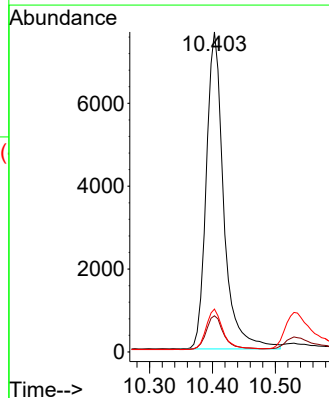
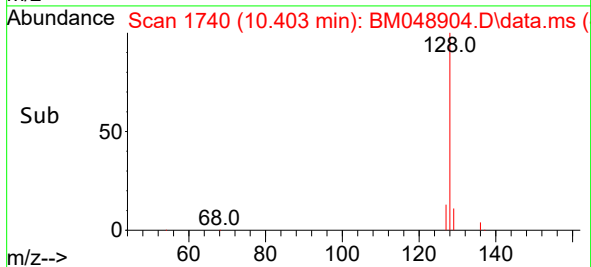
Tgt Ion: 88 Resp: 3017
Ion Ratio Lower Upper
88 100
43 30.2 20.6 30.8
58 58.9 37.6 56.4#

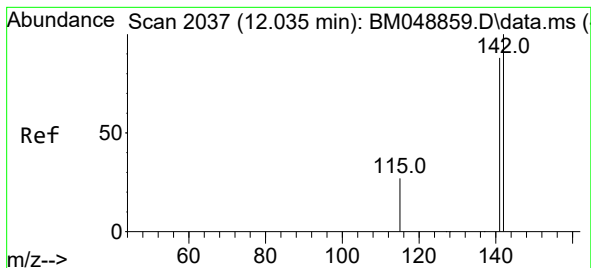


#5
Naphthalene
Concen: 0.450 ng/ul
RT: 10.403 min Scan# 1740
Delta R.T. -0.010 min
Lab File: BM048904.D
Acq: 07 Dec 2024 19:57



Tgt Ion: 128 Resp: 14748
Ion Ratio Lower Upper
128 100
129 11.3 9.6 14.4
127 13.4 10.7 16.1

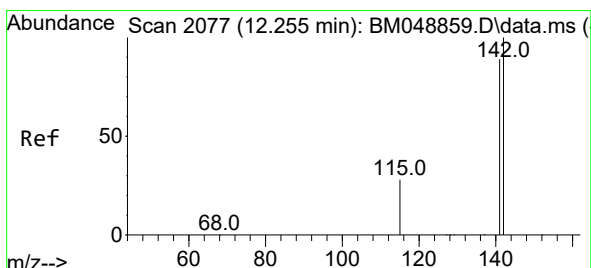
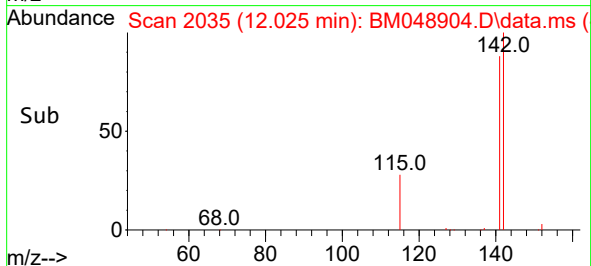
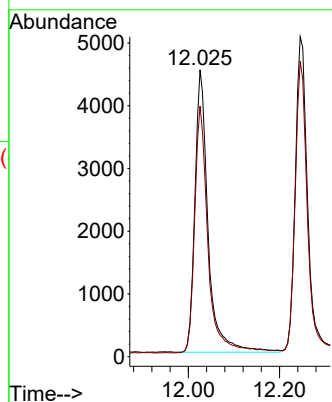
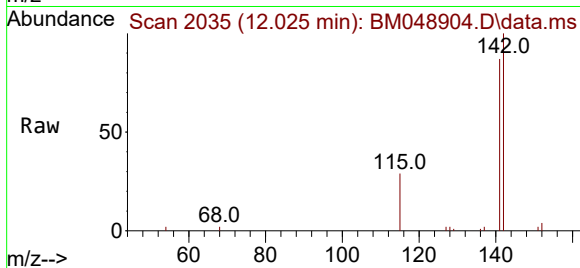




#7
2-Methylnaphthalene
Concen: 0.479 ng/ul
RT: 12.025 min Scan# 2035
Delta R.T. -0.010 min
Lab File: BM048904.D
Acq: 07 Dec 2024 19:57

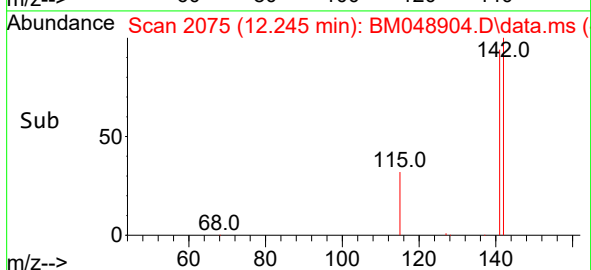
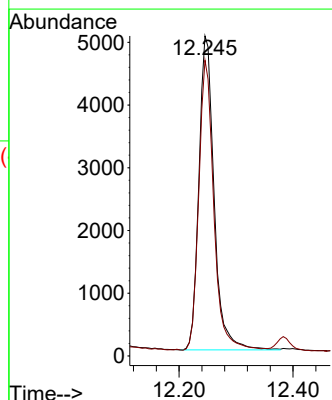
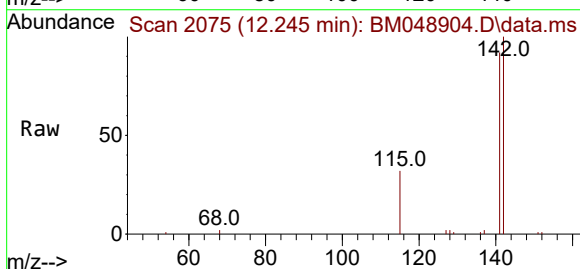
Instrument :
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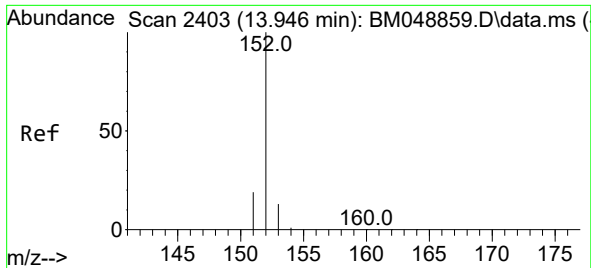
Tgt Ion:142 Resp: 9069
Ion Ratio Lower Upper
142 100
141 88.7 73.0 109.6



#8
1-Methylnaphthalene
Concen: 0.464 ng/ul
RT: 12.245 min Scan# 2075
Delta R.T. -0.010 min
Lab File: BM048904.D
Acq: 07 Dec 2024 19:57

Tgt Ion:142 Resp: 9284
Ion Ratio Lower Upper
142 100
141 91.3 72.5 108.7

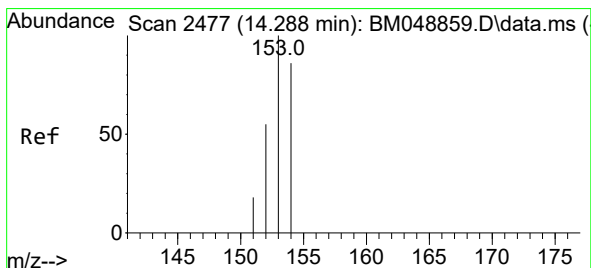
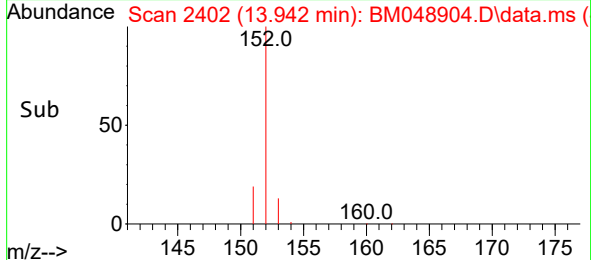
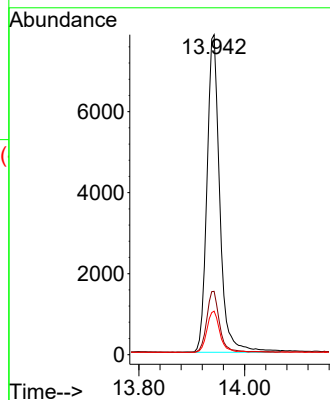
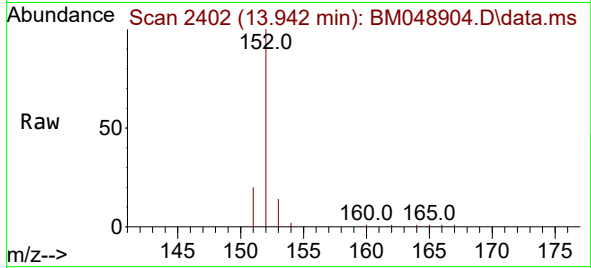




#10
Acenaphthylene
Concen: 0.431 ng/ul
RT: 13.942 min Scan# 2403
Delta R.T. -0.003 min
Lab File: BM048904.D
Acq: 07 Dec 2024 19:57

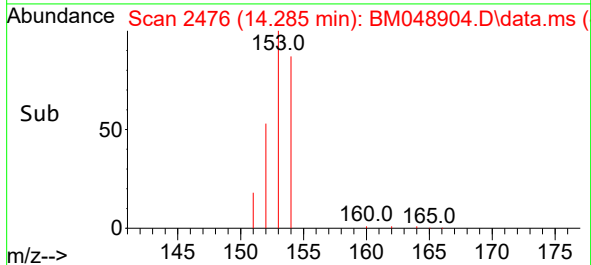
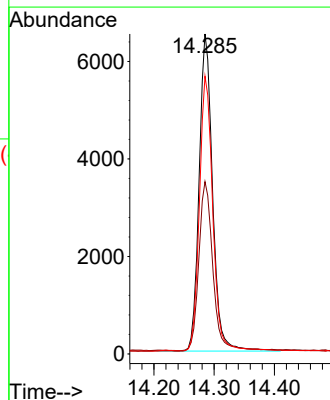
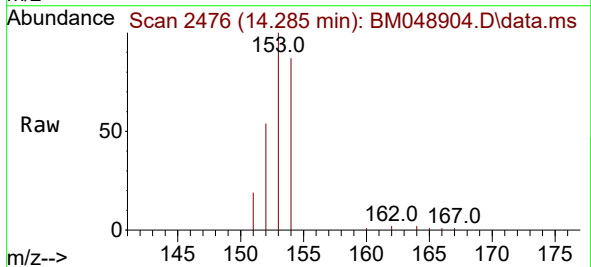
Instrument :
BNA_M
ClientSampleId :
SSTD0.4103

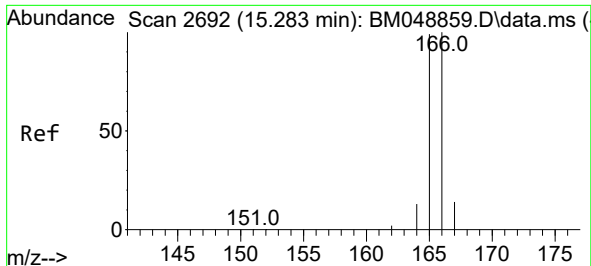
Tgt Ion:	152	Resp:	13177
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.3	24.5
153	13.6	11.7	17.5



#11
Acenaphthene
Concen: 0.459 ng/ul
RT: 14.285 min Scan# 2476
Delta R.T. -0.008 min
Lab File: BM048904.D
Acq: 07 Dec 2024 19:57

Tgt Ion:	153	Resp:	10117
Ion Ratio	Lower	Upper	
153	100		
152	53.9	46.5	69.7
154	86.8	68.7	103.1

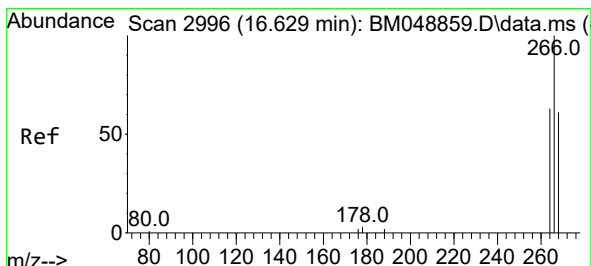
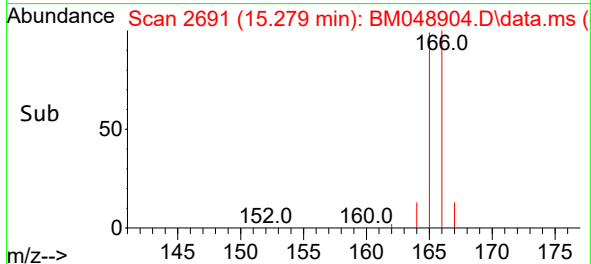
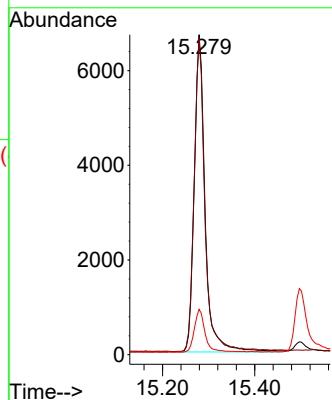
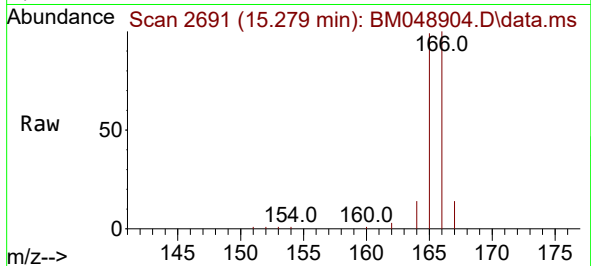




#12
Fluorene
Concen: 0.479 ng/ul
RT: 15.279 min Scan# 2095
Delta R.T. -0.008 min
Lab File: BM048904.D
Acq: 07 Dec 2024 19:57

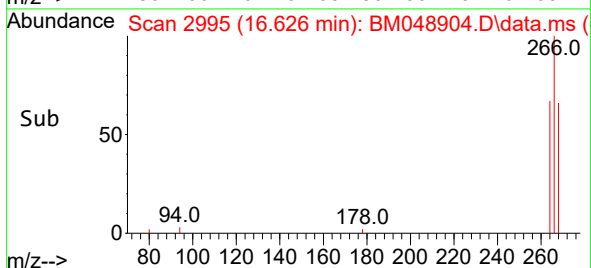
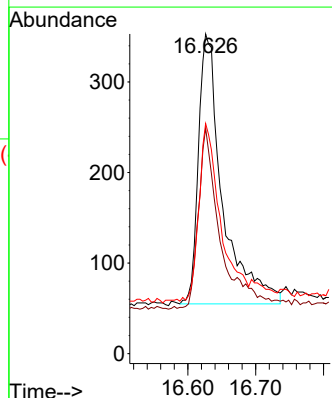
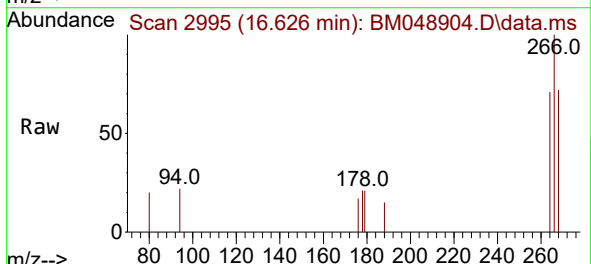
Instrument :
BNA_M
ClientSampleId :
SSTD0.4103

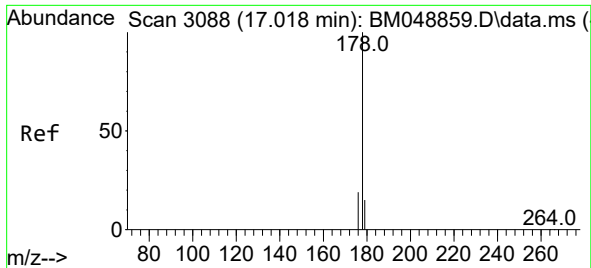
Tgt Ion:166 Resp: 10935
Ion Ratio Lower Upper
166 100
165 98.8 79.8 119.6
167 14.2 12.2 18.2



#14
Pentachlorophenol
Concen: 0.622 ng/ul
RT: 16.626 min Scan# 2995
Delta R.T. -0.007 min
Lab File: BM048904.D
Acq: 07 Dec 2024 19:57

Tgt Ion:266 Resp: 734
Ion Ratio Lower Upper
266 100
264 62.0 15.3 22.9#
268 66.9 0.0 0.0#

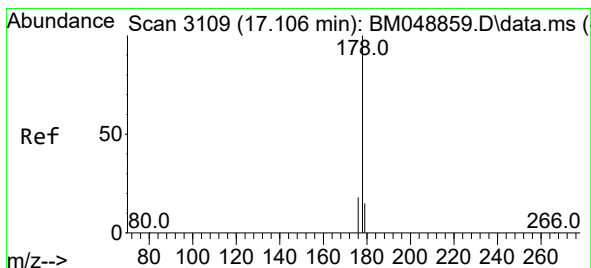
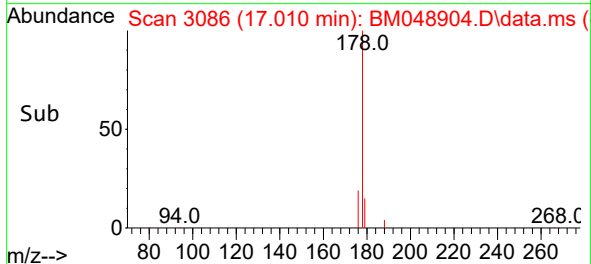
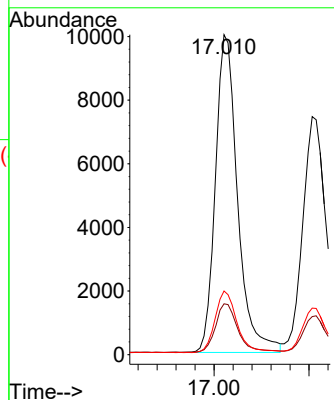
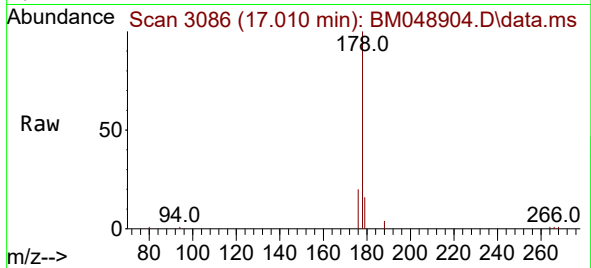




#15
Phenanthrene
Concen: 0.469 ng/ul
RT: 17.010 min Scan# 3086
Delta R.T. -0.007 min
Lab File: BM048904.D
Acq: 07 Dec 2024 19:57

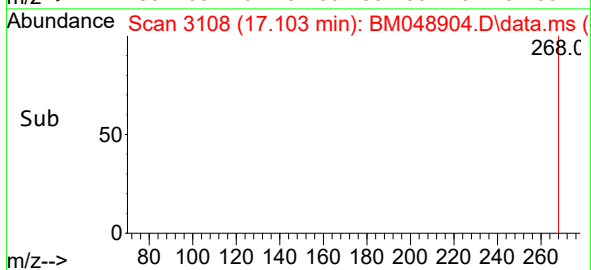
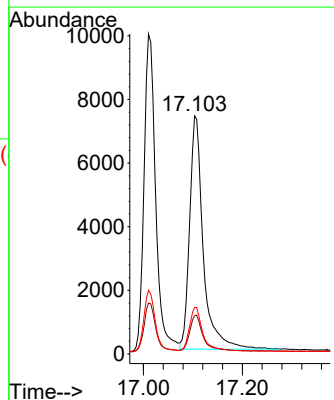
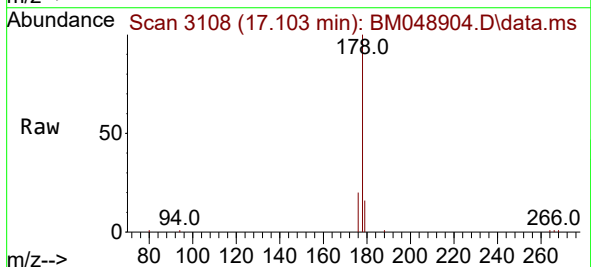
Instrument :
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ClientSampleId :
SSTD0.4103

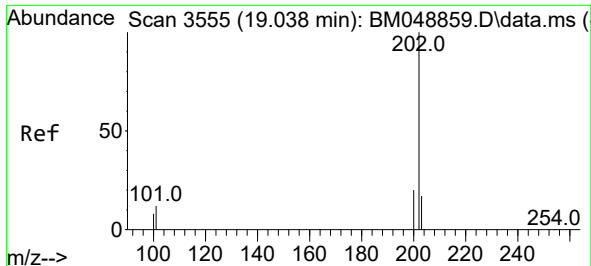
Tgt Ion:178 Resp: 16244
Ion Ratio Lower Upper
178 100
179 15.9 13.4 20.0
176 19.9 16.2 24.4



#16
Anthracene
Concen: 0.455 ng/ul
RT: 17.103 min Scan# 3108
Delta R.T. -0.007 min
Lab File: BM048904.D
Acq: 07 Dec 2024 19:57

Tgt Ion:178 Resp: 14020
Ion Ratio Lower Upper
178 100
179 16.0 14.0 21.0
176 19.5 17.0 25.4

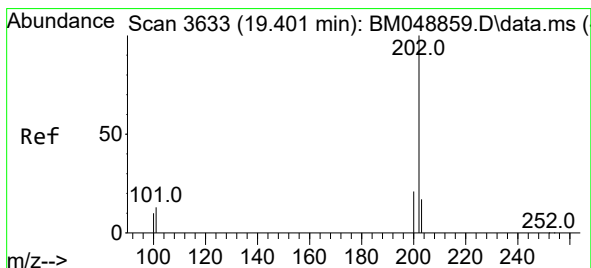
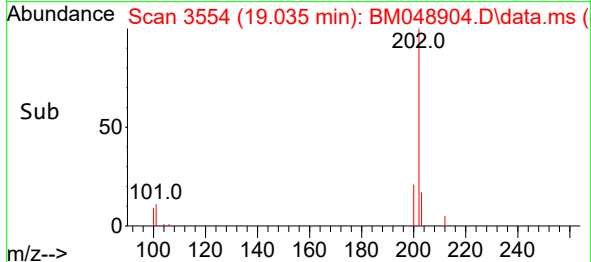
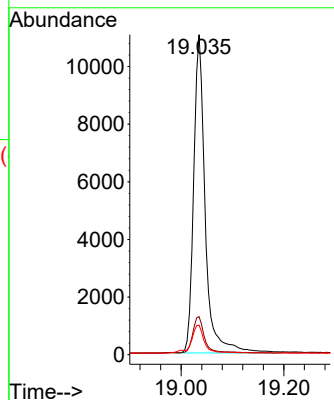
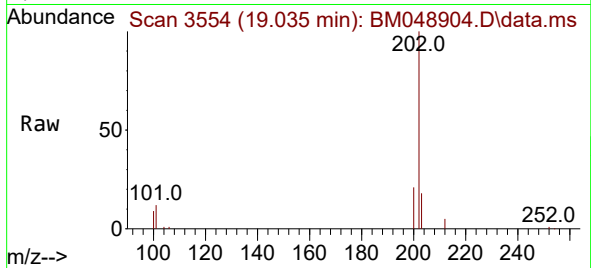




#19
Fluoranthene
Concen: 0.433 ng/ul
RT: 19.035 min Scan# 31
Delta R.T. -0.008 min
Lab File: BM048904.D
Acq: 07 Dec 2024 19:57

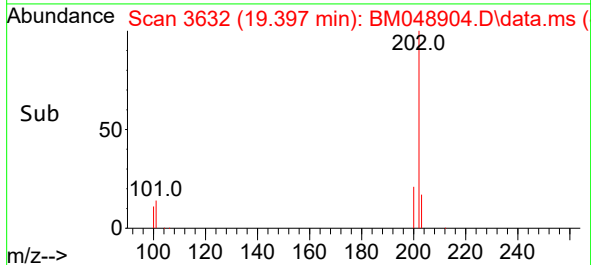
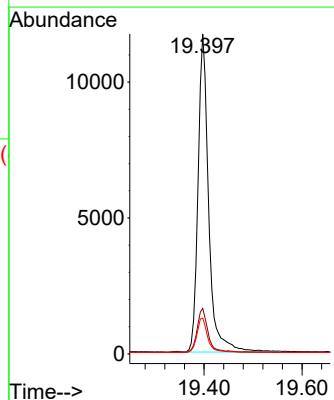
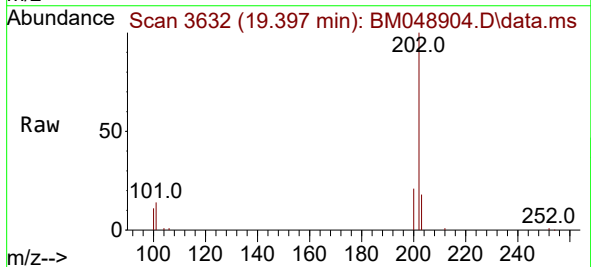
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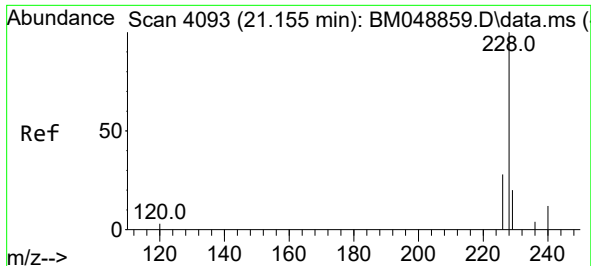
Tgt Ion:202 Resp: 17307
Ion Ratio Lower Upper
202 100
101 11.9 9.7 14.5
100 9.2 7.5 11.3



#20
Pyrene
Concen: 0.424 ng/ul
RT: 19.397 min Scan# 3632
Delta R.T. -0.003 min
Lab File: BM048904.D
Acq: 07 Dec 2024 19:57

Tgt Ion:202 Resp: 17628
Ion Ratio Lower Upper
202 100
101 14.2 11.6 17.4
100 11.2 9.4 14.0

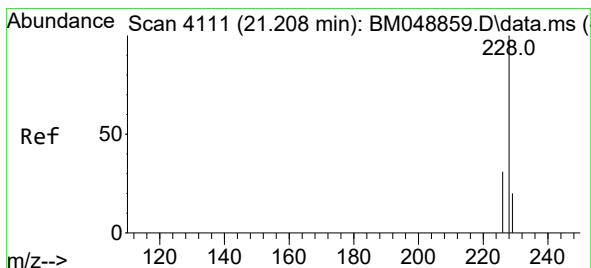
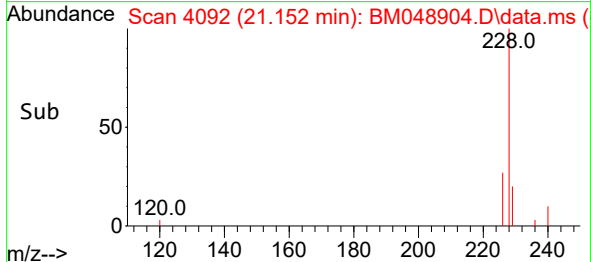
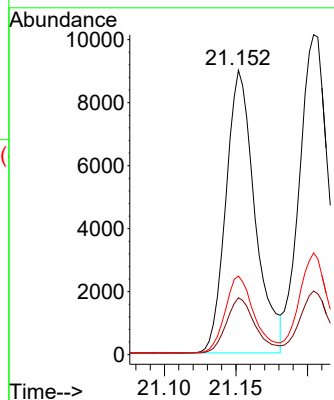
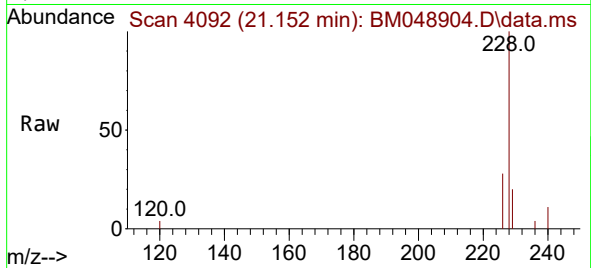




#21
Benzo(a)anthracene
Concen: 0.518 ng/ul
RT: 21.152 min Scan# 4093
Delta R.T. -0.006 min
Lab File: BM048904.D
Acq: 07 Dec 2024 19:57

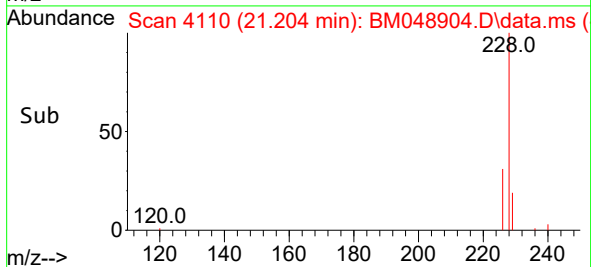
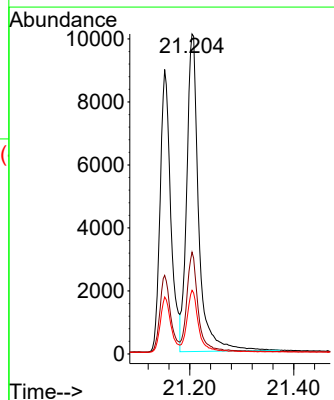
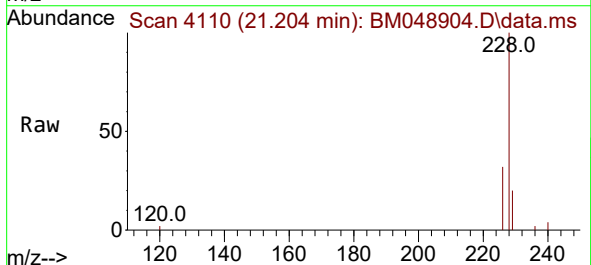
Instrument :
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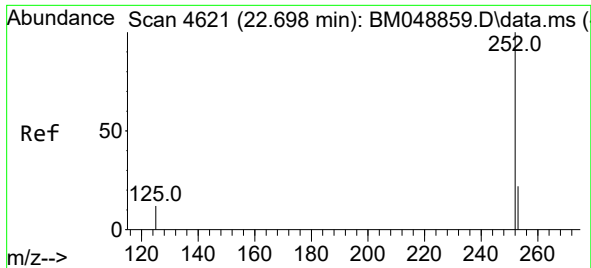
Tgt Ion:228	Resp:	12701
Ion	Ratio	Lower Upper
228	100	
229	20.0	17.0 25.6
226	27.6	22.5 33.7



#22
Chrysene
Concen: 0.413 ng/ul
RT: 21.204 min Scan# 4110
Delta R.T. -0.006 min
Lab File: BM048904.D
Acq: 07 Dec 2024 19:57

Tgt Ion:228	Resp:	16027
Ion	Ratio	Lower Upper
228	100	
226	31.8	24.6 37.0
229	19.9	16.1 24.1

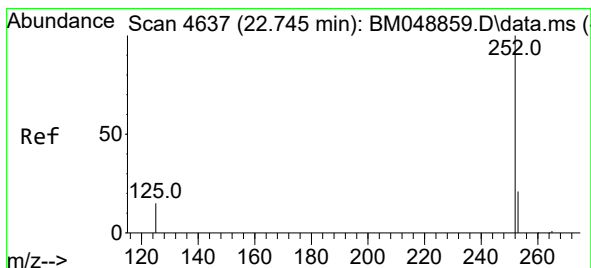
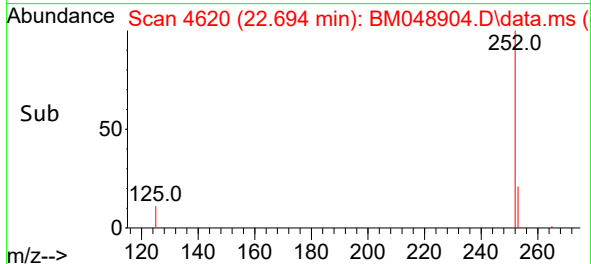
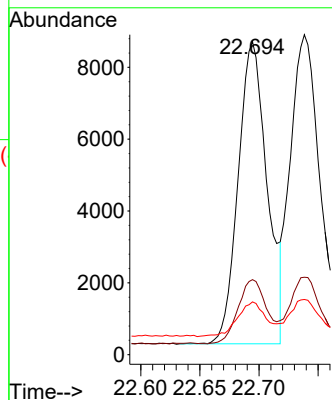
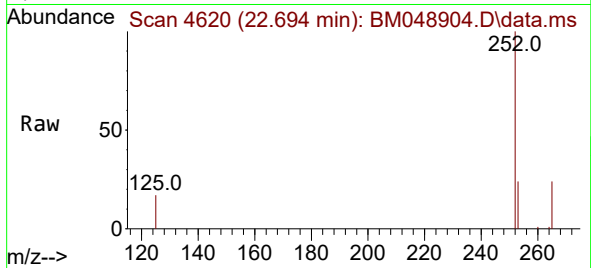




#24
Benzo(b)fluoranthene
Concen: 0.554 ng/ul
RT: 22.694 min Scan# 4620
Delta R.T. -0.006 min
Lab File: BM048904.D
Acq: 07 Dec 2024 19:57

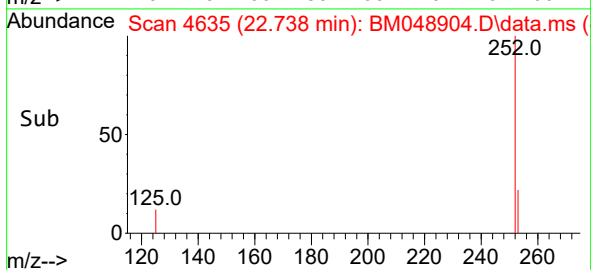
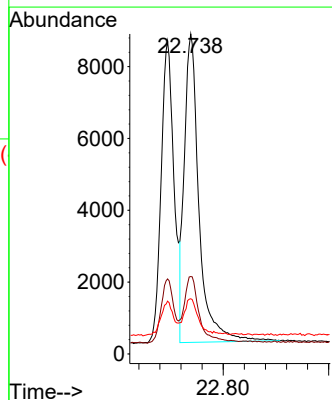
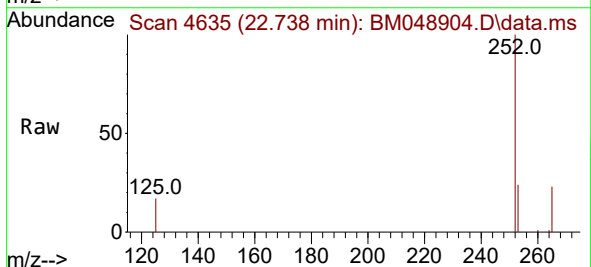
Instrument :
BNA_M
ClientSampleId :
SSTD0.4103

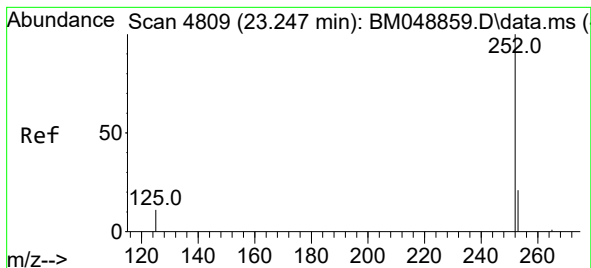
Tgt Ion:252 Resp: 14338
Ion Ratio Lower Upper
252 100
253 24.0 0.0 54.2
125 16.9 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.457 ng/ul
RT: 22.738 min Scan# 4635
Delta R.T. -0.006 min
Lab File: BM048904.D
Acq: 07 Dec 2024 19:57

Tgt Ion:252 Resp: 16554
Ion Ratio Lower Upper
252 100
253 24.2 20.8 31.2
125 17.3 16.2 24.4





#26

Benzo(a)pyrene

Concen: 0.482 ng/ul

RT: 23.244 min Scan# 4809

Delta R.T. -0.009 min

Lab File: BM048904.D

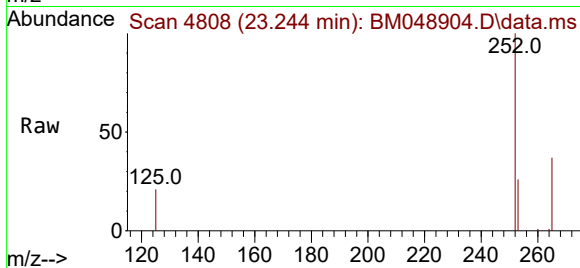
Acq: 07 Dec 2024 19:57

Instrument :

BNA_M

ClientSampleId :

SSTD0.4103



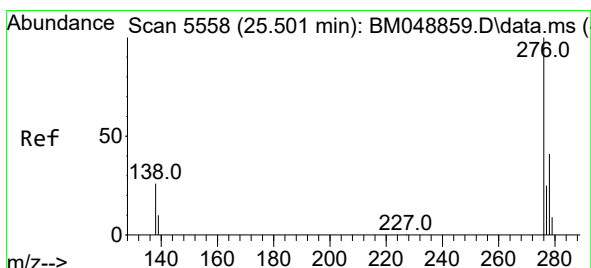
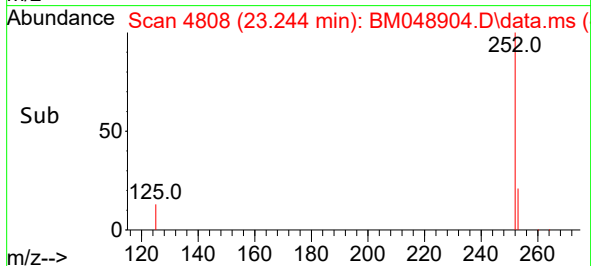
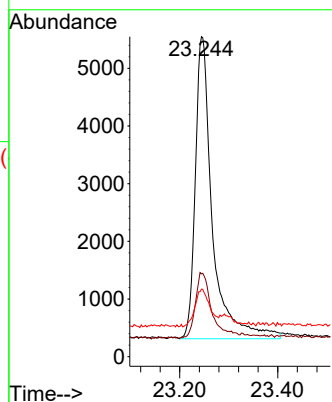
Tgt Ion:252 Resp: 12773

Ion Ratio Lower Upper

252 100

253 25.9 22.5 33.7

125 21.1 20.6 30.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.518 ng/ul

RT: 25.501 min Scan# 5558

Delta R.T. -0.007 min

Lab File: BM048904.D

Acq: 07 Dec 2024 19:57

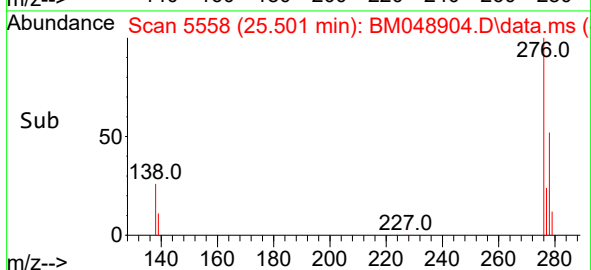
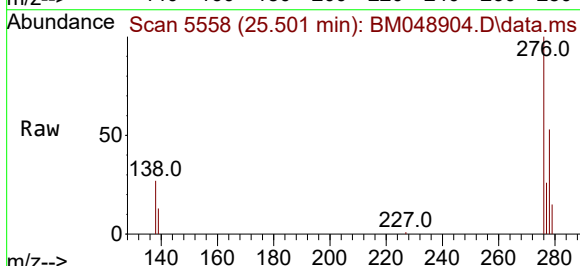
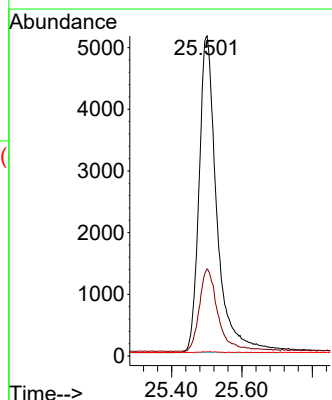
Tgt Ion:276 Resp: 18149

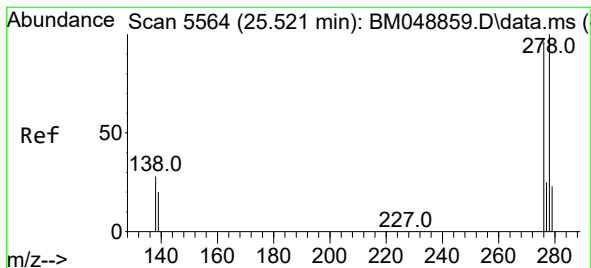
Ion Ratio Lower Upper

276 100

138 27.8 23.3 34.9

227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.530 ng/ul

RT: 25.517 min Scan# 51

Delta R.T. -0.010 min

Lab File: BM048904.D

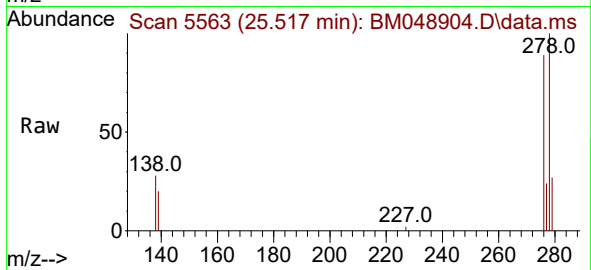
Acq: 07 Dec 2024 19:57

Instrument :

BNA_M

ClientSampleId :

SSTD0.4103



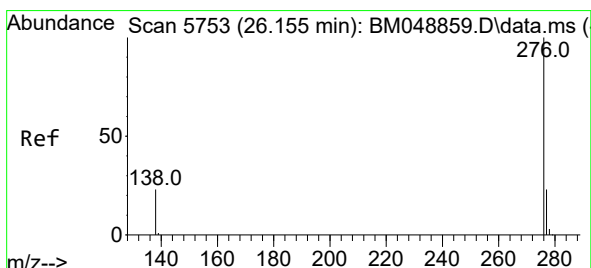
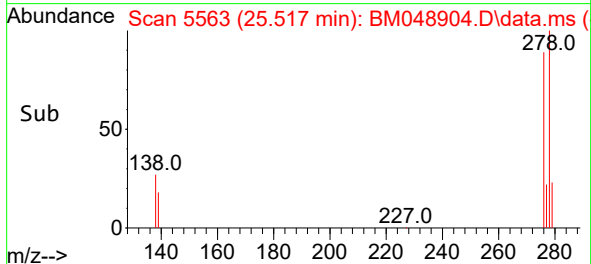
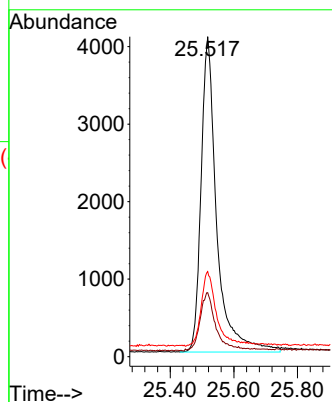
Tgt Ion:278 Resp: 13865

Ion Ratio Lower Upper

278 100

139 20.0 18.6 27.8

279 26.6 24.7 37.1



#29

Benzo(g,h,i)perylene

Concen: 0.488 ng/ul

RT: 26.148 min Scan# 5751

Delta R.T. -0.014 min

Lab File: BM048904.D

Acq: 07 Dec 2024 19:57

Tgt Ion:276 Resp: 14834

Ion Ratio Lower Upper

276 100

138 25.7 22.2 33.2

277 25.4 21.8 32.6

