

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111924\
 Data File : BM048804.D
 Acq On : 19 Nov 2024 21:37
 Operator : RC/JU
 Sample : SSTD0.815
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

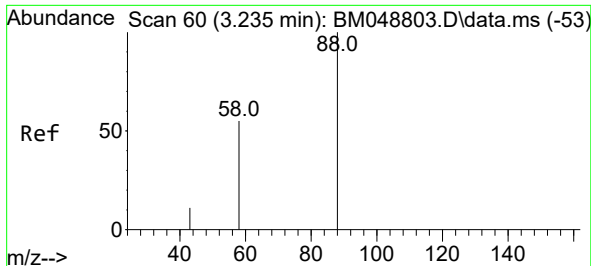
Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.8044

Quant Time: Nov 19 23:34:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM111924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 22:23:58 2024
 Response via : Initial Calibration

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

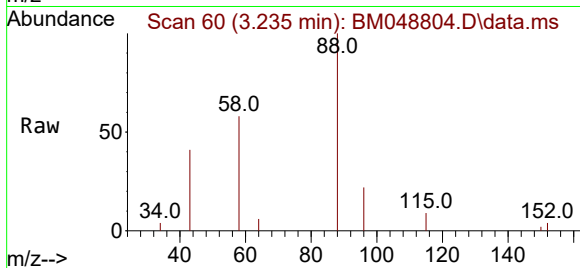
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	7400	0.400	ng/ul	0.00
4) Naphthalene-d8	10.402	136	23775	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.270	164	12880	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.018	188	24601	0.400	ng/ul	0.00
17) Chrysene-d12	21.213	240	15503	0.400	ng/ul	0.00
23) Perylene-d12	23.411	264	17282	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	7067	0.792	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.002	152	24161	0.786	ng/ul	0.00
18) Fluoranthene-d10	19.052	212	40533	0.931	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.235	88	7936	0.773	ng/ul#	73
5) Naphthalene	10.451	128	47343	0.795	ng/ul	96
7) 2-Methylnaphthalene	12.074	142	30647	0.818	ng/ul	99
8) 1-Methylnaphthalene	12.294	142	30726	0.801	ng/ul	99
10) Acenaphthylene	13.983	152	47503	0.971	ng/ul	99
11) Acenaphthene	14.330	153	32428	0.829	ng/ul	100
12) Fluorene	15.324	166	35828	0.843	ng/ul	98
14) Pentachlorophenol	16.667	266	5390	0.597	ng/ul	99
15) Phenanthrene	17.060	178	54692	0.846	ng/ul	99
16) Anthracene	17.153	178	54593	0.908	ng/ul	99
19) Fluoranthene	19.084	202	61631	1.074	ng/ul	96
20) Pyrene	19.442	202	65637	1.054	ng/ul	99
21) Benzo(a)anthracene	21.199	228	57051	1.124	ng/ul	99
22) Chrysene	21.251	228	54247	0.891	ng/ul	100
24) Benzo(b)fluoranthene	22.756	252	56871	1.056	ng/ul	97
25) Benzo(k)fluoranthene	22.800	252	56559	0.896	ng/ul	97
26) Benzo(a)pyrene	23.315	252	52335	0.996	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.612	276	68498	0.933	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.638	278	51370	0.899	ng/ul	97
29) Benzo(g,h,i)perylene	26.272	276	54410	0.883	ng/ul	99

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

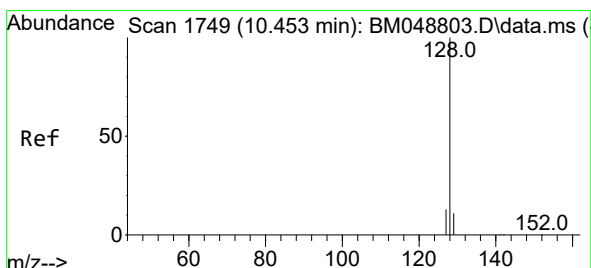
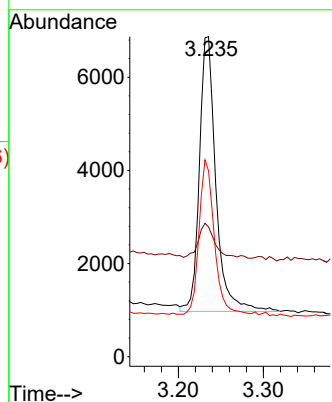
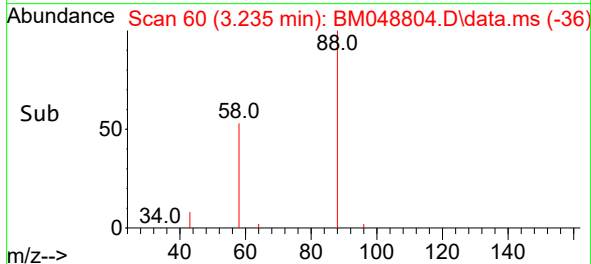


#2
1,4-Dioxane
Concen: 0.773 ng/ul
RT: 3.235 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM048804.D
Acq: 19 Nov 2024 21:37

Instrument :
BNA_M
ClientSampleId :
SSTD0.8044

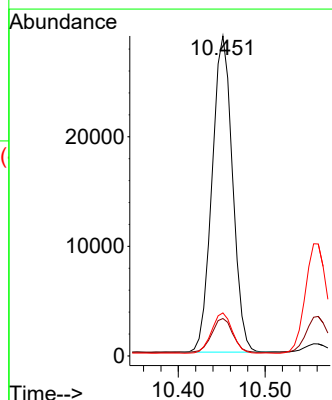
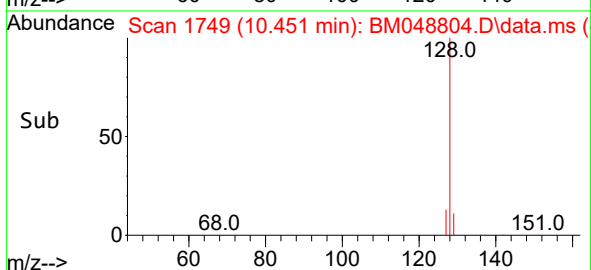
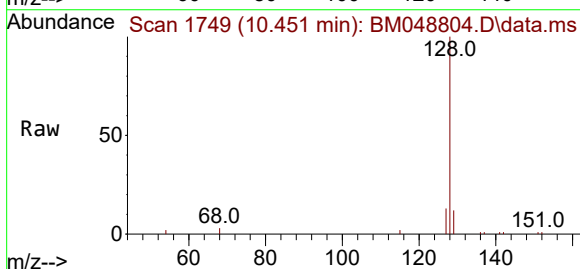


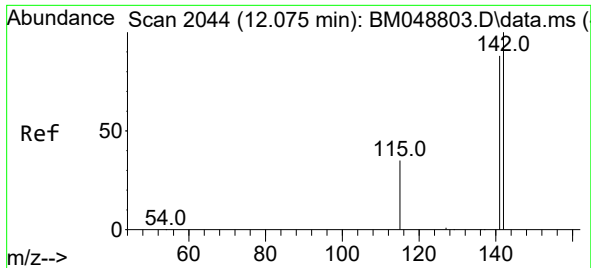
Tgt Ion: 88 Resp: 7936
Ion Ratio Lower Upper
88 100
43 40.6 60.2 90.2#
58 58.1 53.6 80.4



#5
Naphthalene
Concen: 0.795 ng/ul
RT: 10.451 min Scan# 1749
Delta R.T. -0.001 min
Lab File: BM048804.D
Acq: 19 Nov 2024 21:37

Tgt Ion: 128 Resp: 47343
Ion Ratio Lower Upper
128 100
129 11.7 10.9 16.3
127 13.4 11.6 17.4

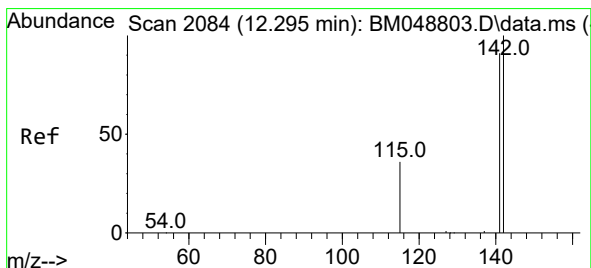
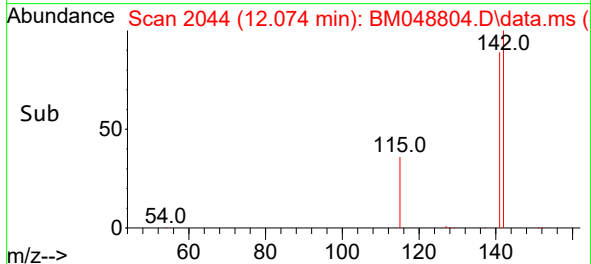
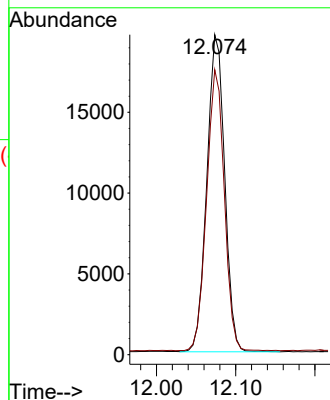
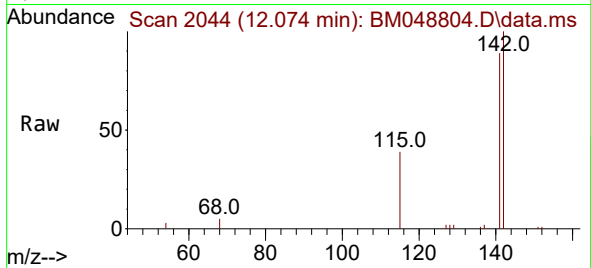




#7
2-Methylnaphthalene
Concen: 0.818 ng/ul
RT: 12.074 min Scan# 2044
Delta R.T. -0.001 min
Lab File: BM048804.D
Acq: 19 Nov 2024 21:37

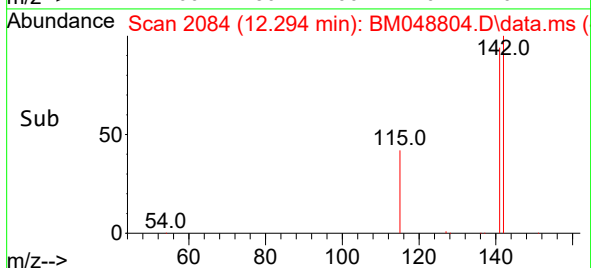
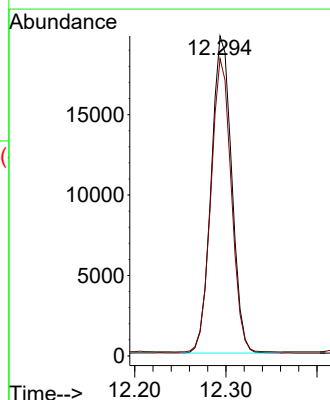
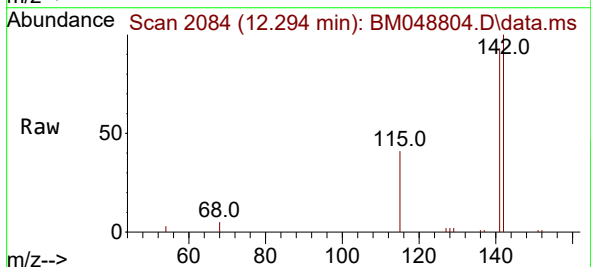
Instrument :
BNA_M
ClientSampleId :
SSTD0.8044

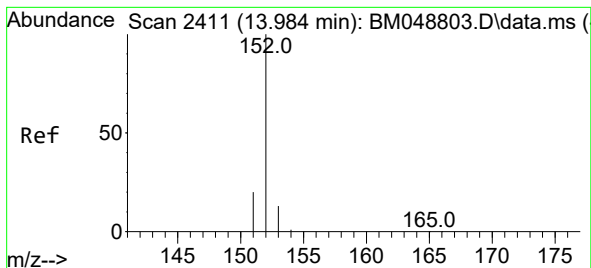
Tgt Ion:142 Resp: 30647
Ion Ratio Lower Upper
142 100
141 87.8 70.7 106.1



#8
1-Methylnaphthalene
Concen: 0.801 ng/ul
RT: 12.294 min Scan# 2084
Delta R.T. -0.001 min
Lab File: BM048804.D
Acq: 19 Nov 2024 21:37

Tgt Ion:142 Resp: 30726
Ion Ratio Lower Upper
142 100
141 91.6 72.5 108.7





#10

Acenaphthylene

Concen: 0.971 ng/ul

RT: 13.983 min Scan# 2411

Delta R.T. -0.001 min

Lab File: BM048804.D

Acq: 19 Nov 2024 21:37

Instrument :

BNA_M

ClientSampleId :

SSTD0.8044

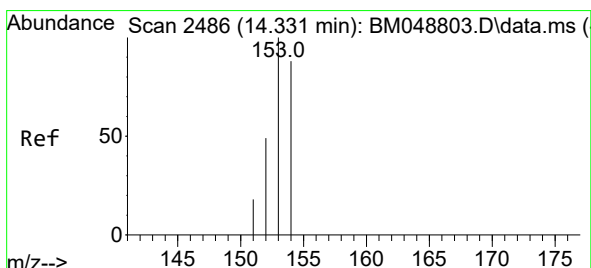
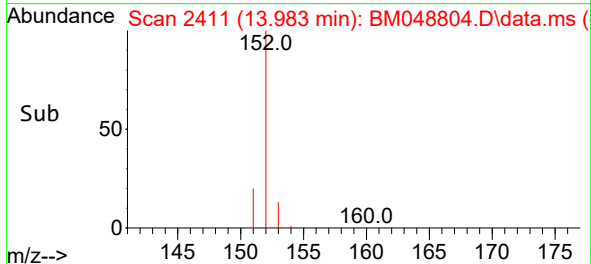
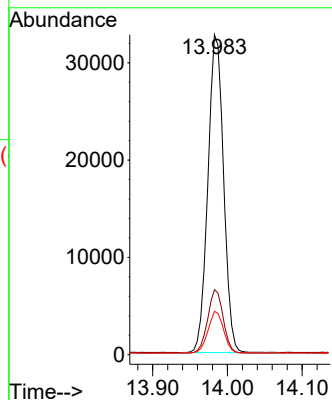
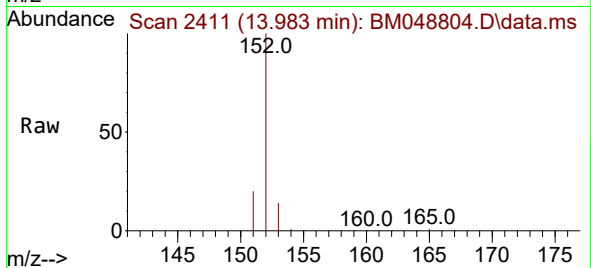
Tgt Ion:152 Resp: 47503

Ion Ratio Lower Upper

152 100

151 20.3 16.5 24.7

153 13.5 11.1 16.7



#11

Acenaphthene

Concen: 0.829 ng/ul

RT: 14.330 min Scan# 2486

Delta R.T. -0.001 min

Lab File: BM048804.D

Acq: 19 Nov 2024 21:37

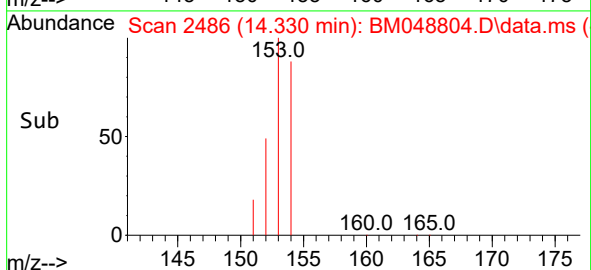
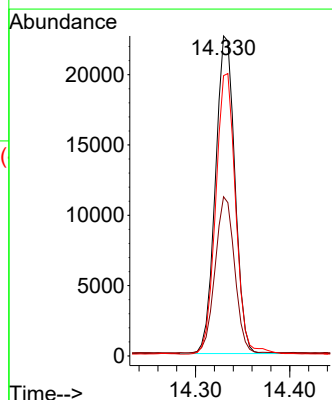
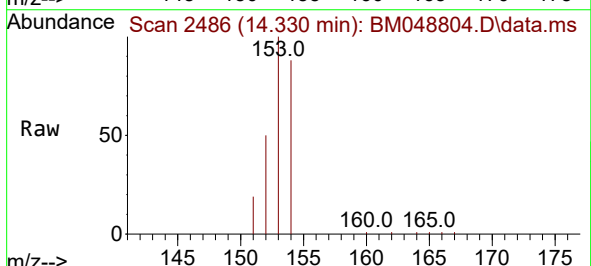
Tgt Ion:153 Resp: 32428

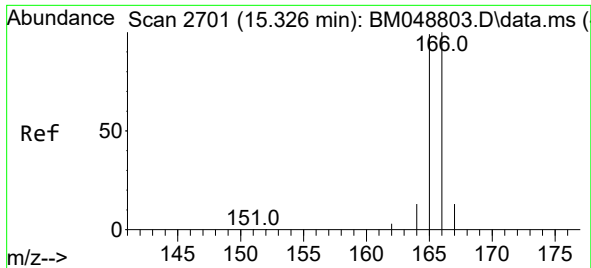
Ion Ratio Lower Upper

153 100

152 49.8 40.0 60.0

154 87.6 70.2 105.4

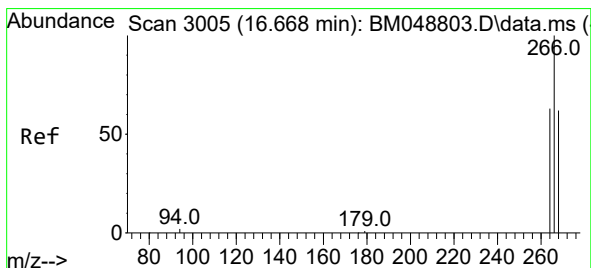
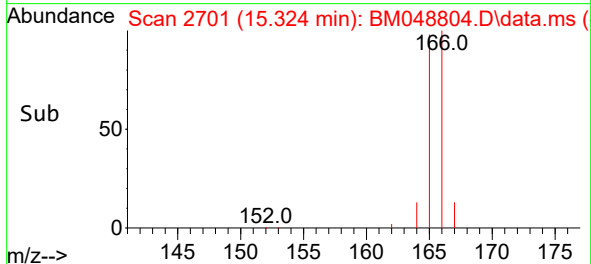
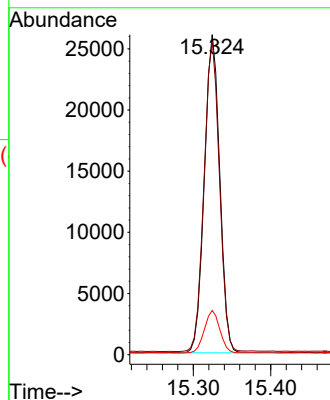
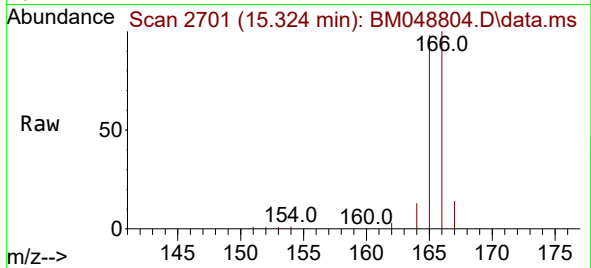




#12
Fluorene
Concen: 0.843 ng/ul
RT: 15.324 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM048804.D
Acq: 19 Nov 2024 21:37

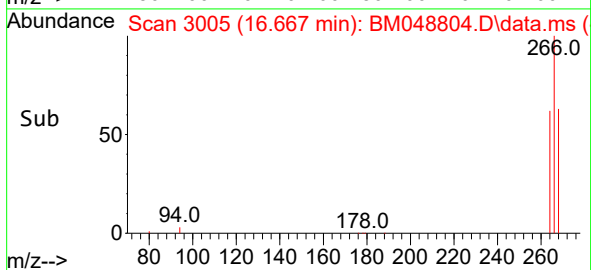
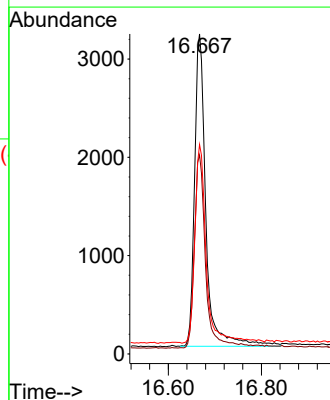
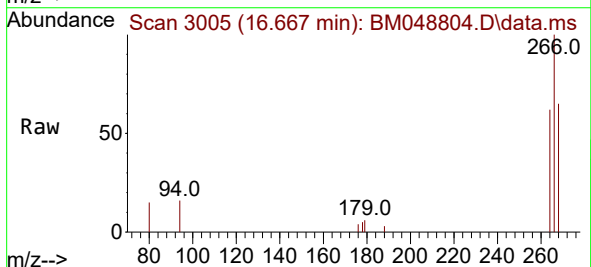
Instrument :
BNA_M
ClientSampleId :
SSTD0.8044

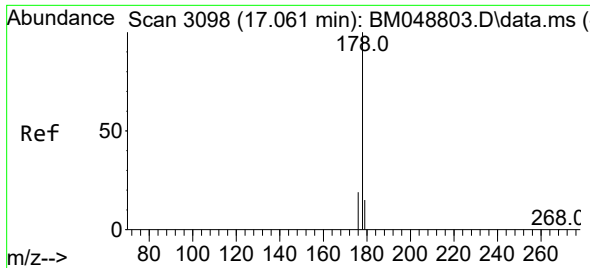
Tgt Ion:166 Resp: 35828
Ion Ratio Lower Upper
166 100
165 98.0 79.8 119.8
167 13.8 11.5 17.3



#14
Pentachlorophenol
Concen: 0.597 ng/ul
RT: 16.667 min Scan# 3005
Delta R.T. -0.001 min
Lab File: BM048804.D
Acq: 19 Nov 2024 21:37

Tgt Ion:266 Resp: 5390
Ion Ratio Lower Upper
266 100
264 62.8 50.7 76.1
268 64.3 52.0 78.0

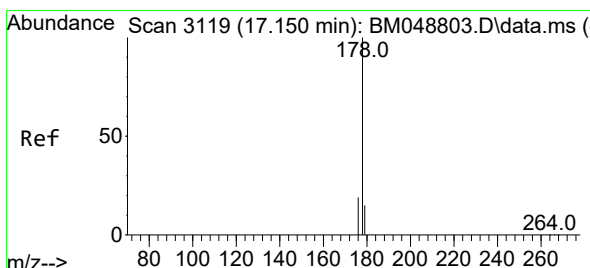
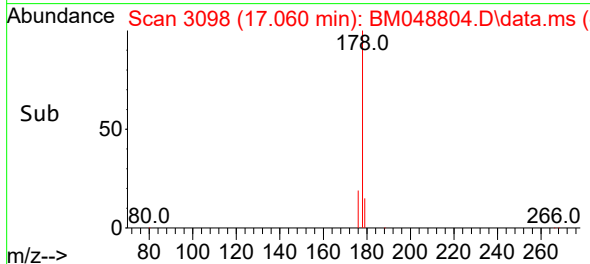
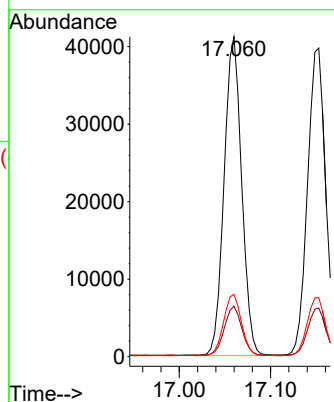
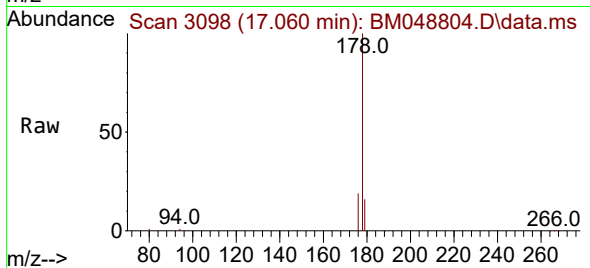




#15
Phenanthrene
Concen: 0.846 ng/ul
RT: 17.060 min Scan# 3098
Delta R.T. -0.001 min
Lab File: BM048804.D
Acq: 19 Nov 2024 21:37

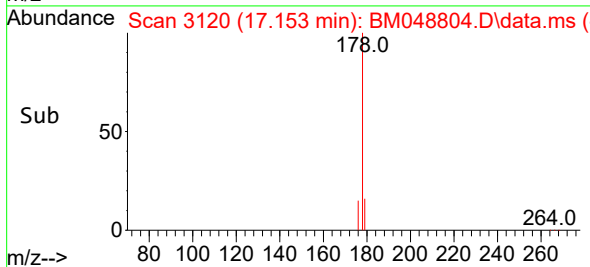
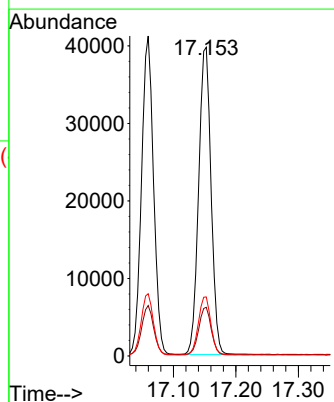
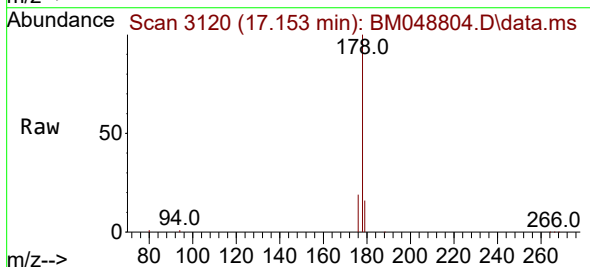
Instrument :
BNA_M
ClientSampleId :
SSTD0.8044

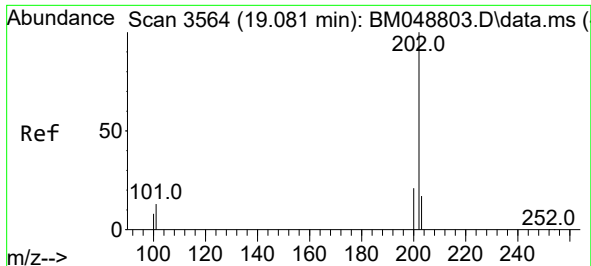
Tgt Ion:178 Resp: 54692
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.4
176 19.5 15.8 23.8



#16
Anthracene
Concen: 0.908 ng/ul
RT: 17.153 min Scan# 3120
Delta R.T. 0.003 min
Lab File: BM048804.D
Acq: 19 Nov 2024 21:37

Tgt Ion:178 Resp: 54593
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 19.1 15.8 23.8

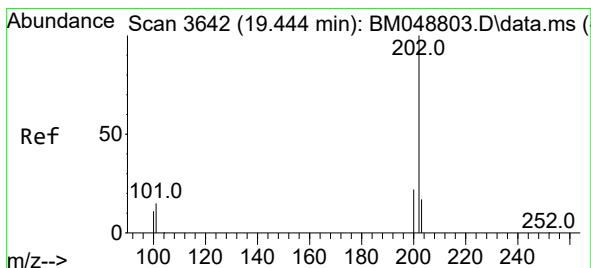
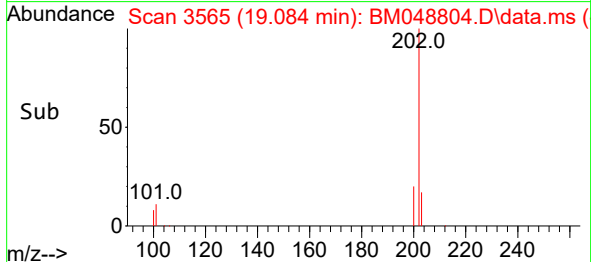
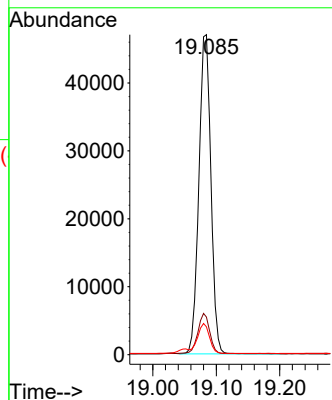
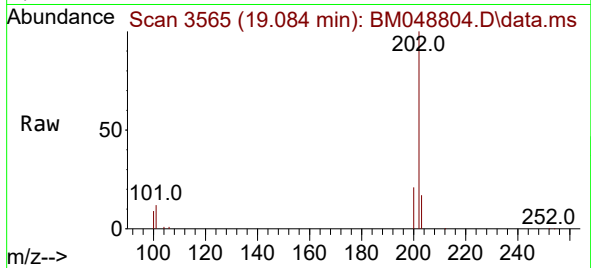




#19
Fluoranthene
Concen: 1.074 ng/ul
RT: 19.084 min Scan# 3564
Delta R.T. 0.003 min
Lab File: BM048804.D
Acq: 19 Nov 2024 21:37

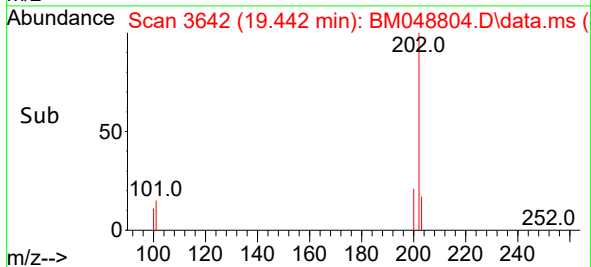
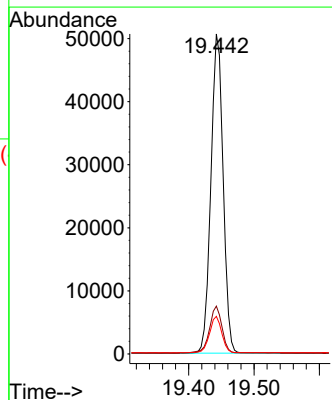
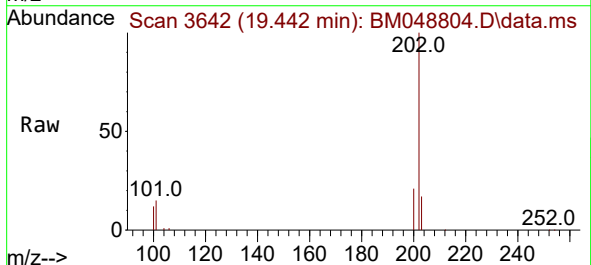
Instrument :
BNA_M
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SSTD0.8044

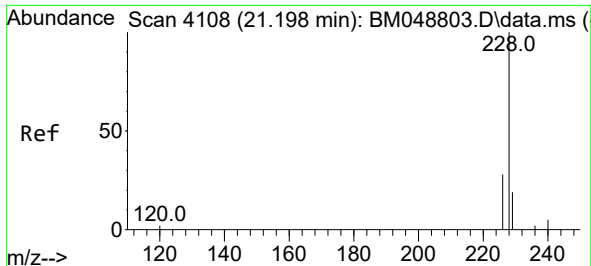
Tgt Ion:202 Resp: 61631
Ion Ratio Lower Upper
202 100
101 11.7 10.9 16.3
100 8.7 8.1 12.1



#20
Pyrene
Concen: 1.054 ng/ul
RT: 19.442 min Scan# 3642
Delta R.T. -0.001 min
Lab File: BM048804.D
Acq: 19 Nov 2024 21:37

Tgt Ion:202 Resp: 65637
Ion Ratio Lower Upper
202 100
101 15.0 12.3 18.5
100 11.8 9.5 14.3

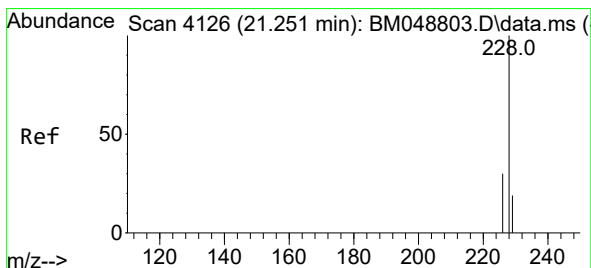
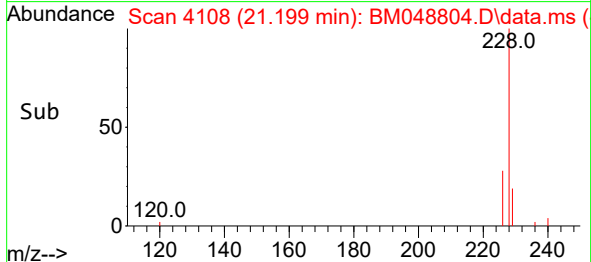
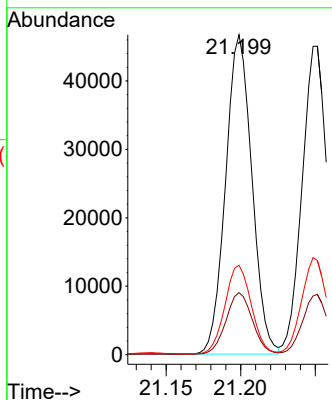
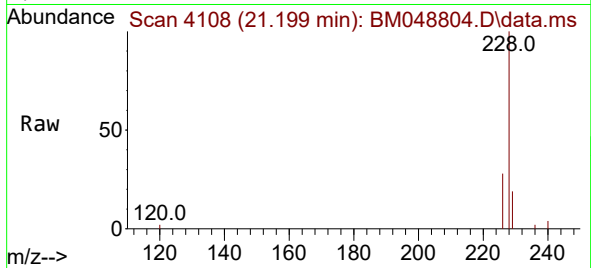




#21
Benzo(a)anthracene
Concen: 1.124 ng/ul
RT: 21.199 min Scan# 4108
Delta R.T. 0.000 min
Lab File: BM048804.D
Acq: 19 Nov 2024 21:37

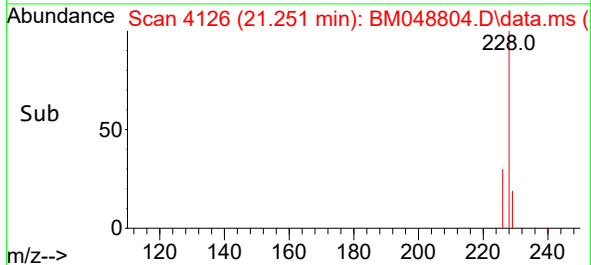
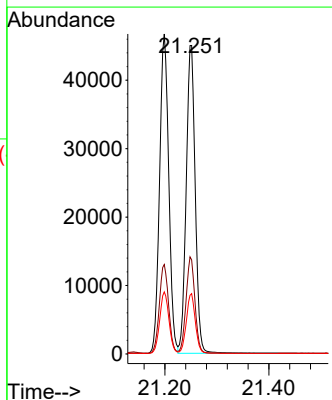
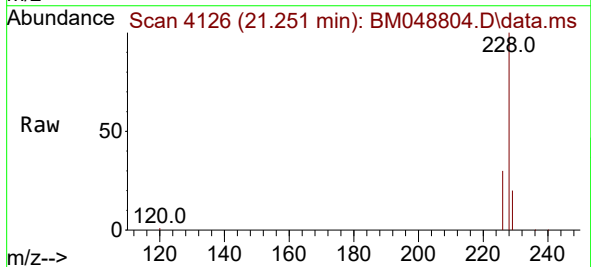
Instrument :
BNA_M
ClientSampleId :
SSTD0.8044

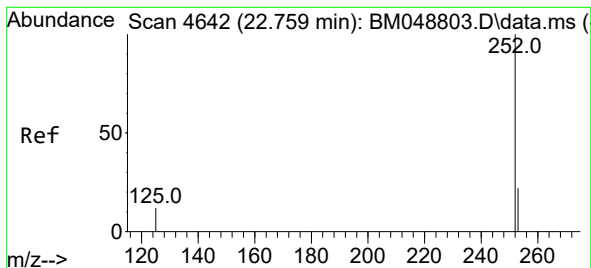
Tgt Ion:228 Resp: 57051
Ion Ratio Lower Upper
228 100
229 19.4 15.2 22.8
226 27.9 22.5 33.7



#22
Chrysene
Concen: 0.891 ng/ul
RT: 21.251 min Scan# 4126
Delta R.T. 0.000 min
Lab File: BM048804.D
Acq: 19 Nov 2024 21:37

Tgt Ion:228 Resp: 54247
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.4
229 19.5 15.6 23.4





#24

Benzo(b)fluoranthene

Concen: 1.056 ng/ul

RT: 22.756 min Scan# 4641

Delta R.T. -0.003 min

Lab File: BM048804.D

Acq: 19 Nov 2024 21:37

Instrument :

BNA_M

ClientSampleId :

SSTD0.8044

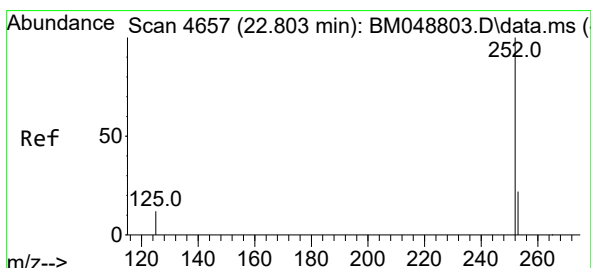
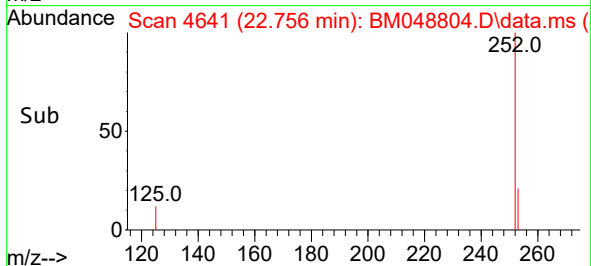
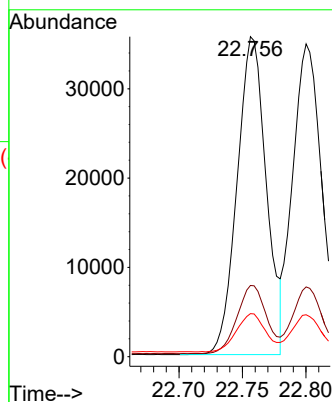
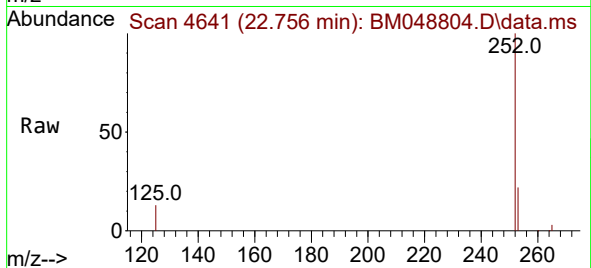
Tgt Ion:252 Resp: 56871

Ion Ratio Lower Upper

252 100

253 22.3 0.0 46.4

125 13.4 0.0 29.8



#25

Benzo(k)fluoranthene

Concen: 0.896 ng/ul

RT: 22.800 min Scan# 4656

Delta R.T. -0.003 min

Lab File: BM048804.D

Acq: 19 Nov 2024 21:37

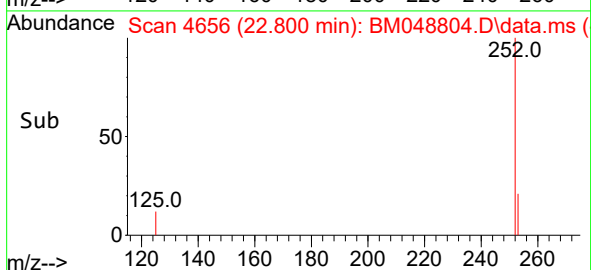
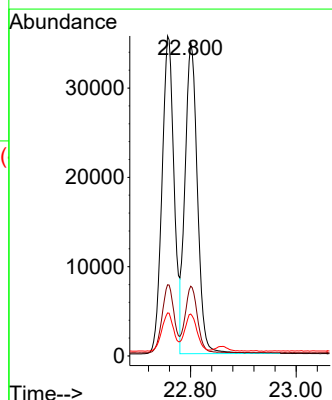
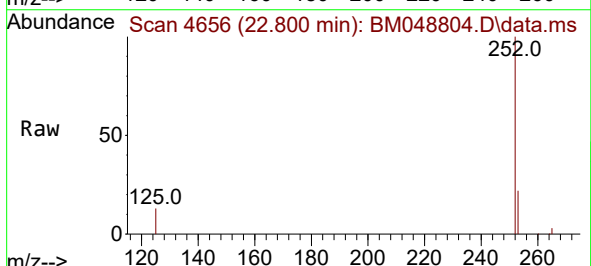
Tgt Ion:252 Resp: 56559

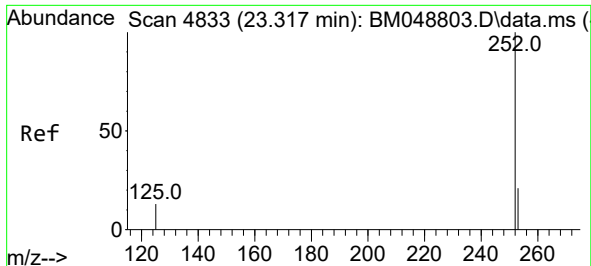
Ion Ratio Lower Upper

252 100

253 22.3 18.7 28.1

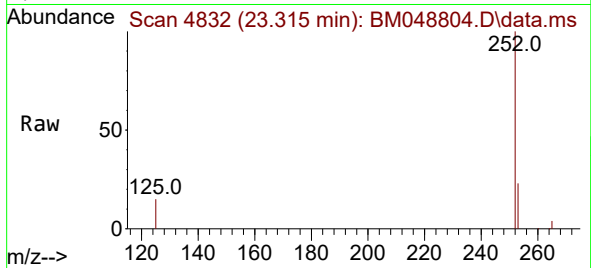
125 13.4 12.0 18.0



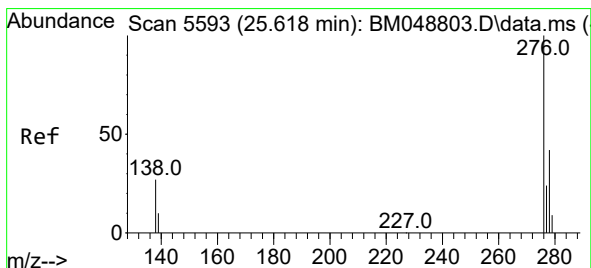
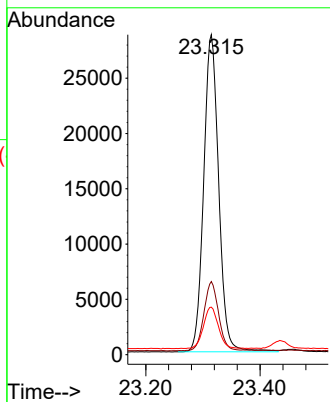
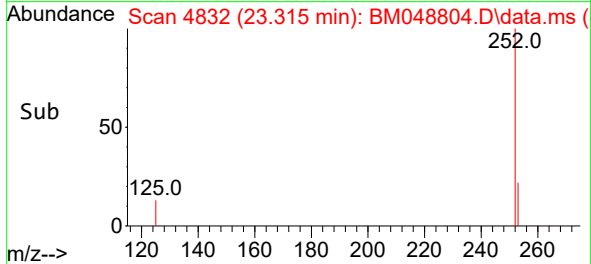


#26
Benzo(a)pyrene
Concen: 0.996 ng/ul
RT: 23.315 min Scan# 4832
Delta R.T. -0.003 min
Lab File: BM048804.D
Acq: 19 Nov 2024 21:37

Instrument :
BNA_M
ClientSampleId :
SSTD0.8044

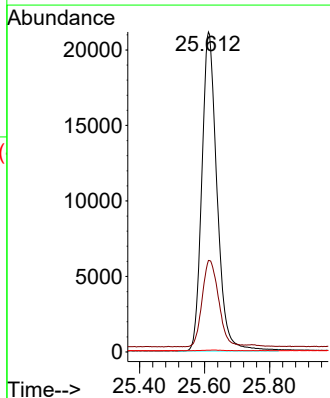
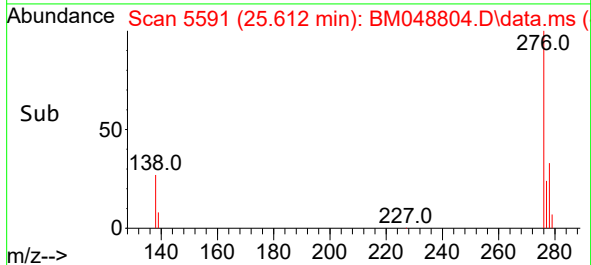
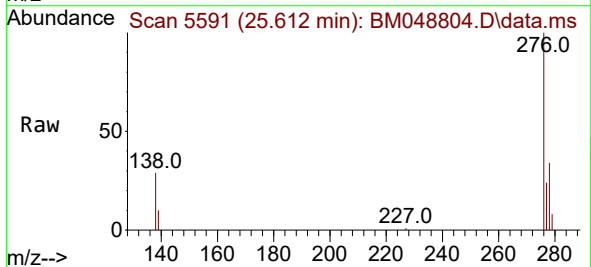


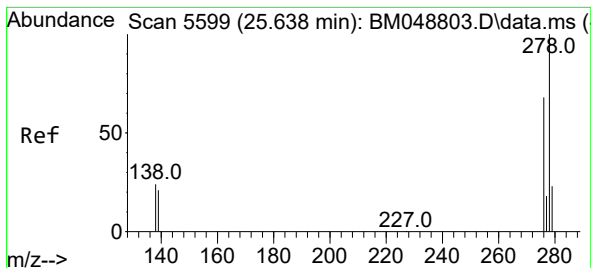
Tgt Ion:252 Resp: 52335
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 14.9 13.6 20.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.933 ng/ul
RT: 25.612 min Scan# 5591
Delta R.T. -0.006 min
Lab File: BM048804.D
Acq: 19 Nov 2024 21:37

Tgt Ion:276 Resp: 68498
Ion Ratio Lower Upper
276 100
138 30.3 23.6 35.4
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.899 ng/ul

RT: 25.638 min Scan# 51370

Delta R.T. 0.000 min

Lab File: BM048804.D

Acq: 19 Nov 2024 21:37

Instrument :

BNA_M

ClientSampleId :

SSTD0.8044

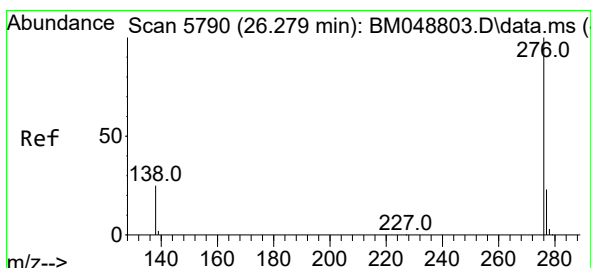
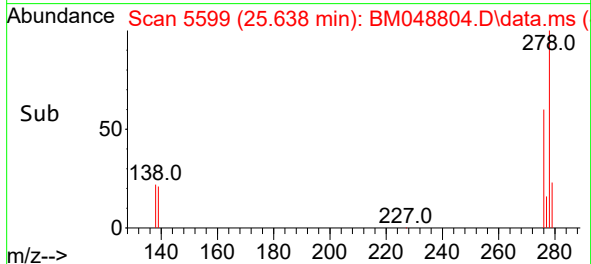
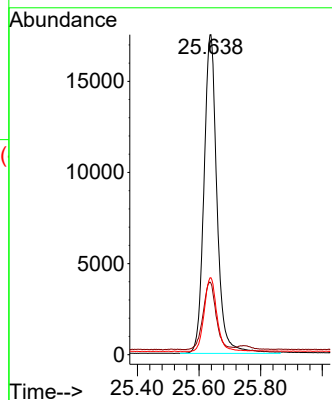
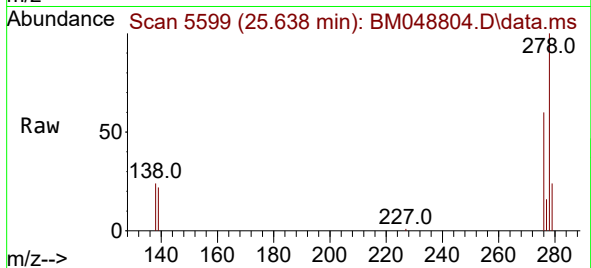
Tgt Ion:278 Resp: 51370

Ion Ratio Lower Upper

278 100

139 22.3 19.5 29.3

279 24.1 19.9 29.9



#29

Benzo(g,h,i)perylene

Concen: 0.883 ng/ul

RT: 26.272 min Scan# 5788

Delta R.T. -0.006 min

Lab File: BM048804.D

Acq: 19 Nov 2024 21:37

Tgt Ion:276 Resp: 54410

Ion Ratio Lower Upper

276 100

138 28.1 23.4 35.0

277 24.1 19.3 28.9

