

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
 Data File : BM044901.D
 Acq On : 03 Apr 2024 21:15
 Operator : MA/JU
 Sample : SSTD3.220
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2027

Quant Time: Apr 03 23:27:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 03 23:24:21 2024
 Response via : Initial Calibration

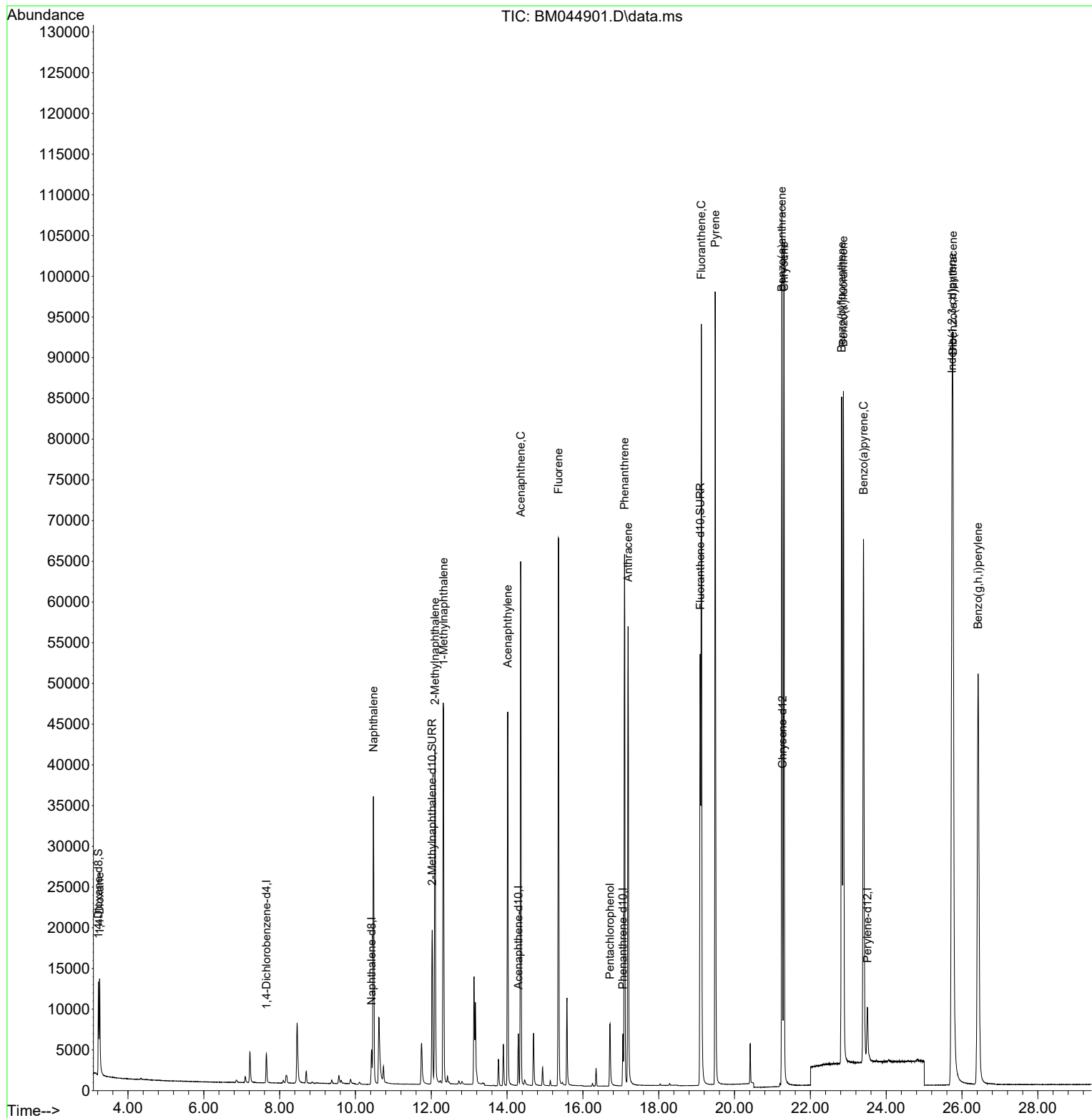
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	2066	0.400	ng/ul	0.00
4) Naphthalene-d8	10.424	136	6213	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.297	164	3495	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.056	188	7838	0.400	ng/ul	-0.01
17) Chrysene-d12	21.263	240	8178	0.400	ng/ul	0.00
23) Perylene-d12	23.502	264	9610	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	7927	2.927	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.024	152	27093	3.035	ng/ul	-0.03
18) Fluoranthene-d10	19.094	212	64052	2.231	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.251	88	7997	2.890	ng/ul#	77
5) Naphthalene	10.474	128	50899	2.912	ng/ul	94
7) 2-Methylnaphthalene	12.096	142	32638	2.952	ng/ul	97
8) 1-Methylnaphthalene	12.321	142	34626	3.100	ng/ul	100
10) Acenaphthylene	14.015	152	53782	3.029	ng/ul	96
11) Acenaphthene	14.358	153	38337	2.989	ng/ul	99
12) Fluorene	15.357	166	43816	2.990	ng/ul	99
14) Pentachlorophenol	16.714	266	6625	3.504	ng/ul	98
15) Phenanthrene	17.098	178	70535	2.997	ng/ul	96
16) Anthracene	17.191	178	69028	3.124	ng/ul	97
19) Fluoranthene	19.122	202	87534	2.186	ng/ul	98
20) Pyrene	19.489	202	91297	2.226	ng/ul	99
21) Benzo(a)anthracene	21.249	228	94241	3.027	ng/ul	98
22) Chrysene	21.301	228	94580	2.705	ng/ul	99
24) Benzo(b)fluoranthene	22.827	252	105000	2.863	ng/ul	87
25) Benzo(k)fluoranthene	22.871	252	110654	2.785	ng/ul#	89
26) Benzo(a)pyrene	23.400	252	101054	3.034	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.736	276	139978	3.654	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.759	278	111339	3.767	ng/ul	93
29) Benzo(g,h,i)perylene	26.423	276	116499	3.464	ng/ul	97

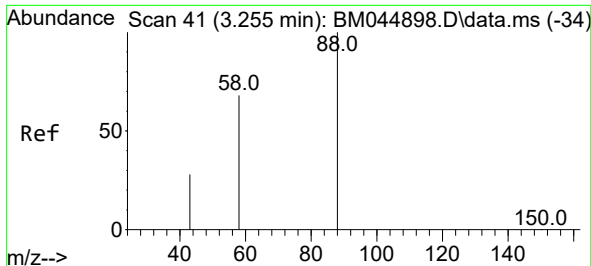
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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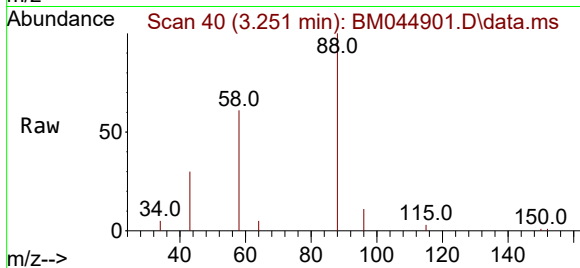
Quant Time: Apr 03 23:27:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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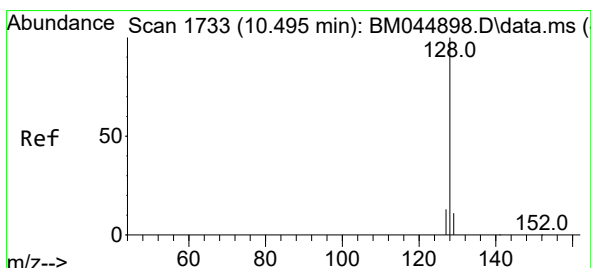
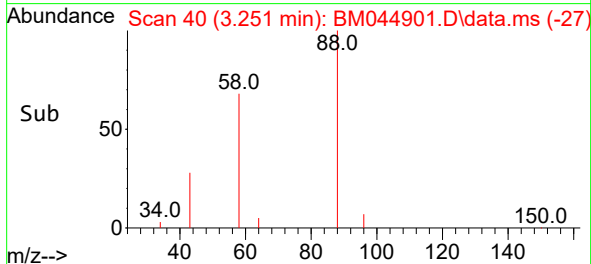
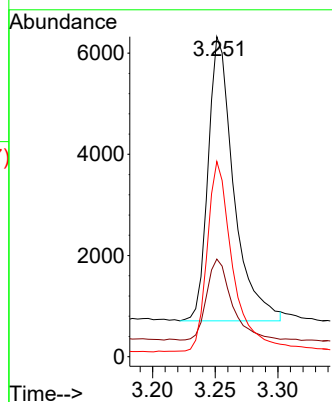


#2
1,4-Dioxane
Concen: 2.890 ng/ul
RT: 3.251 min Scan# 40
Delta R.T. -0.004 min
Lab File: BM044901.D
Acq: 03 Apr 2024 21:15

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

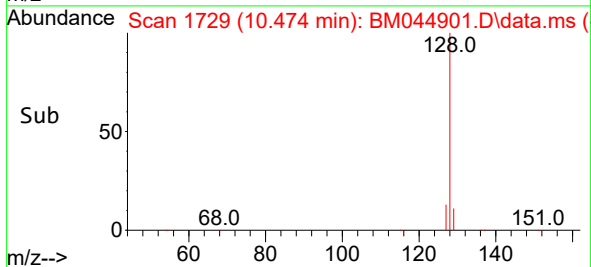
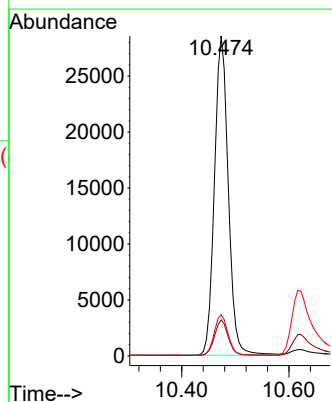
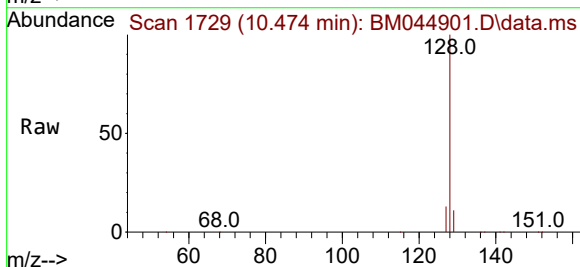


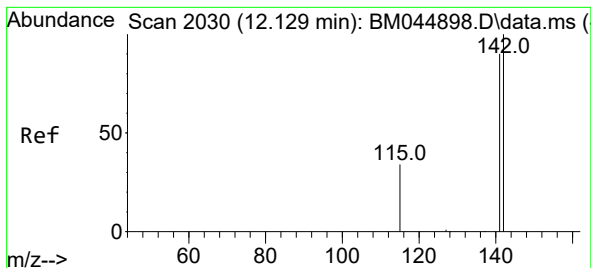
Tgt Ion: 88 Resp: 7997
Ion Ratio Lower Upper
88 100
43 30.5 30.6 46.0#
58 61.0 32.6 48.8#



#5
Naphthalene
Concen: 2.912 ng/ul
RT: 10.474 min Scan# 1729
Delta R.T. -0.022 min
Lab File: BM044901.D
Acq: 03 Apr 2024 21:15

Tgt Ion: 128 Resp: 50899
Ion Ratio Lower Upper
128 100
129 11.3 11.3 16.9
127 12.9 11.9 17.9

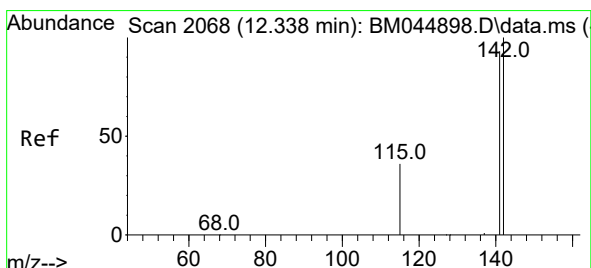
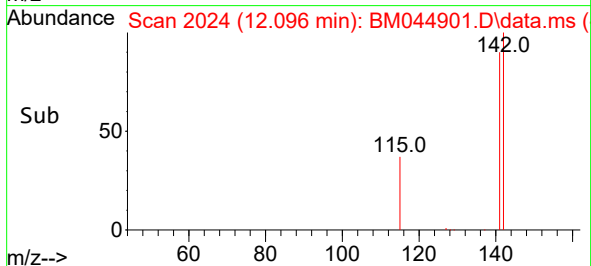
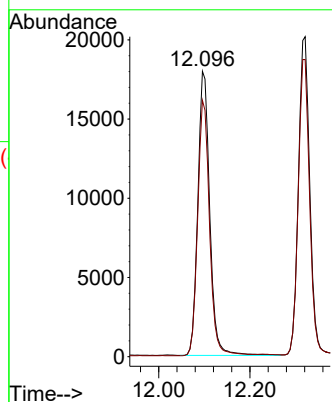
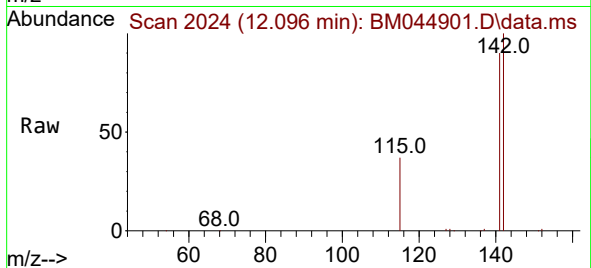




#7
2-Methylnaphthalene
Concen: 2.952 ng/ul
RT: 12.096 min Scan# 2030
Delta R.T. -0.033 min
Lab File: BM044901.D
Acq: 03 Apr 2024 21:15

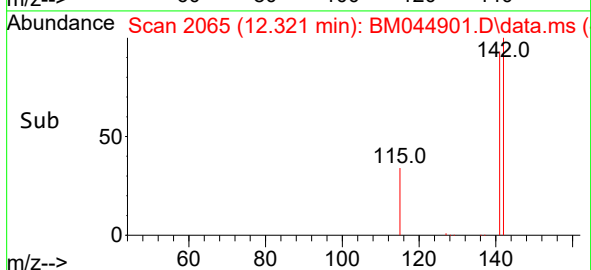
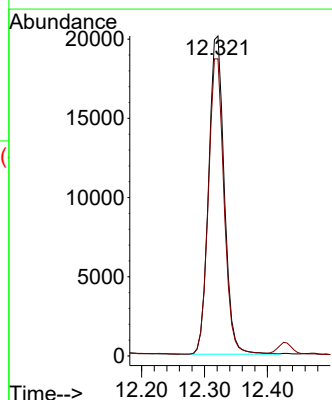
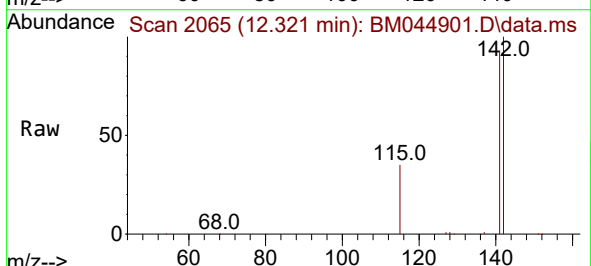
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

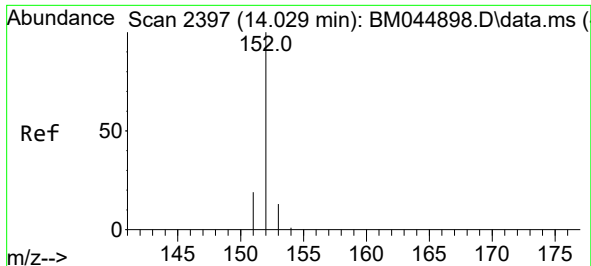
Tgt Ion:142 Resp: 32638
Ion Ratio Lower Upper
142 100
141 89.5 73.8 110.8



#8
1-Methylnaphthalene
Concen: 3.100 ng/ul
RT: 12.321 min Scan# 2065
Delta R.T. -0.016 min
Lab File: BM044901.D
Acq: 03 Apr 2024 21:15

Tgt Ion:142 Resp: 34626
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.2

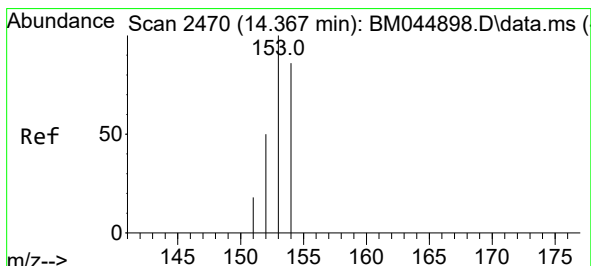
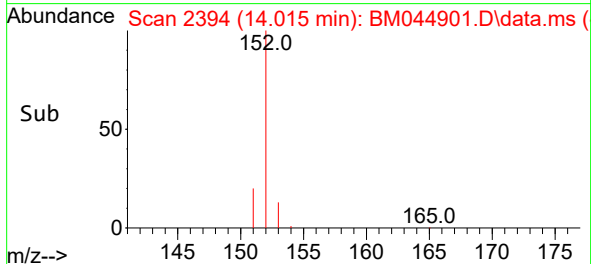
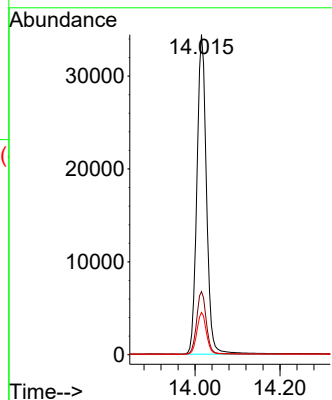
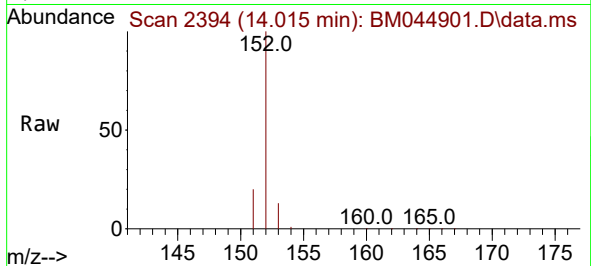




#10
Acenaphthylene
Concen: 3.029 ng/ul
RT: 14.015 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM044901.D
Acq: 03 Apr 2024 21:15

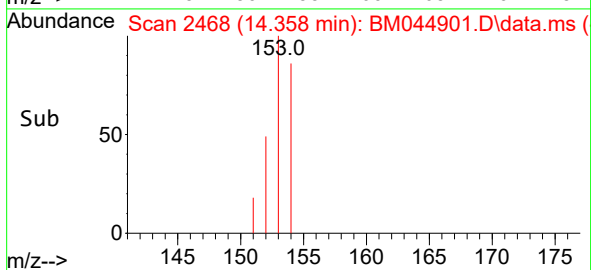
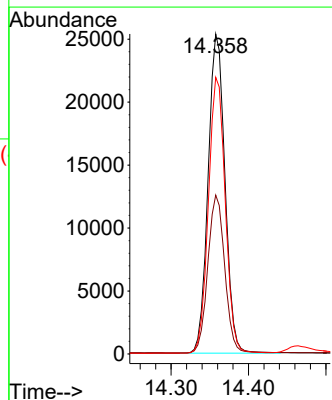
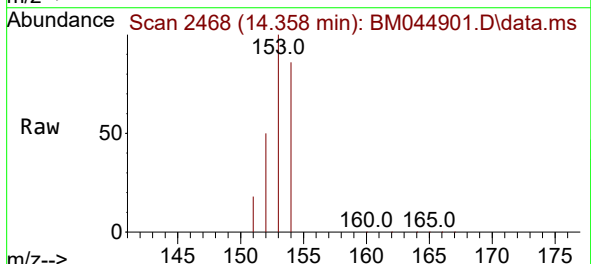
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

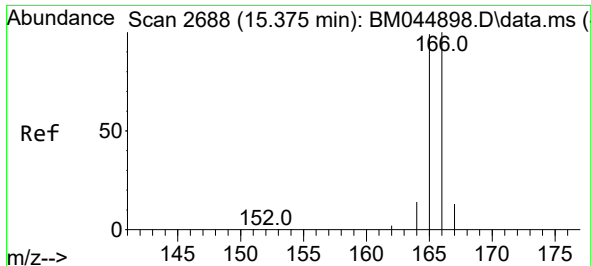
Tgt Ion:152 Resp: 53782
Ion Ratio Lower Upper
152 100
151 19.7 17.0 25.4
153 13.2 11.9 17.9



#11
Acenaphthene
Concen: 2.989 ng/ul
RT: 14.358 min Scan# 2468
Delta R.T. -0.009 min
Lab File: BM044901.D
Acq: 03 Apr 2024 21:15

Tgt Ion:153 Resp: 38337
Ion Ratio Lower Upper
153 100
152 49.7 41.2 61.8
154 86.5 69.4 104.0

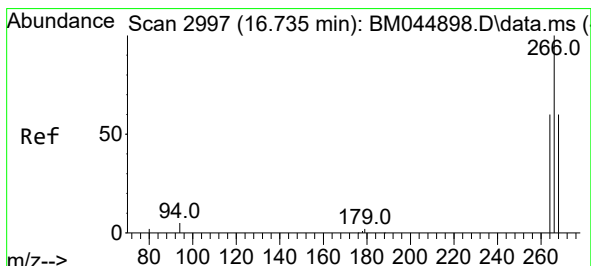
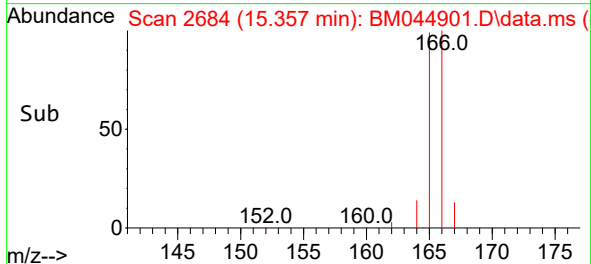
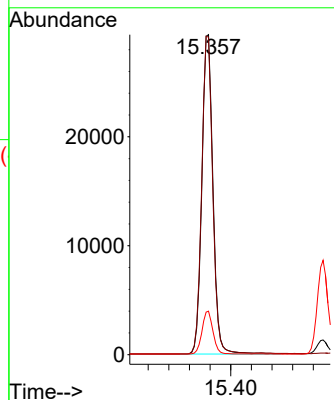
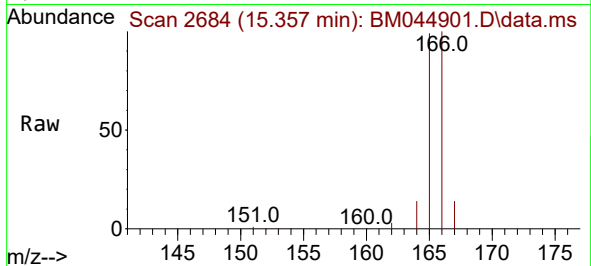




#12
Fluorene
Concen: 2.990 ng/ul
RT: 15.357 min Scan# 2092
Delta R.T. -0.018 min
Lab File: BM044901.D
Acq: 03 Apr 2024 21:15

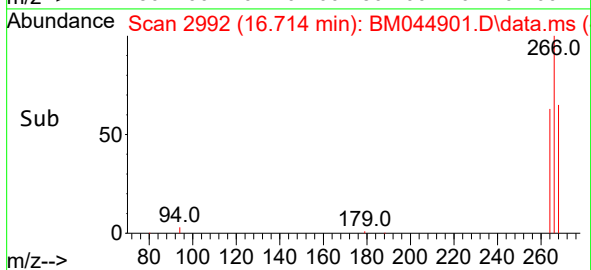
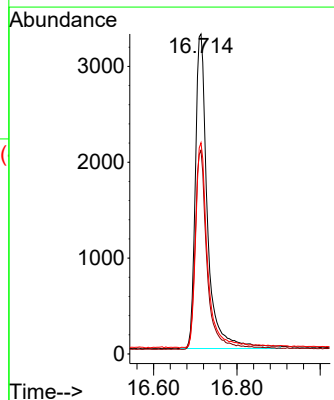
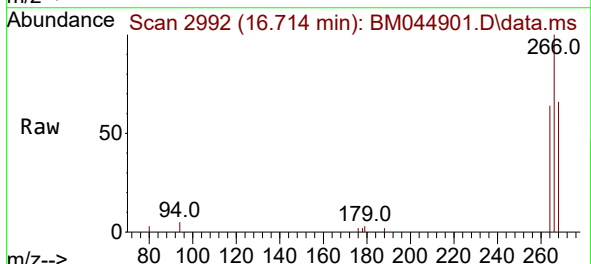
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

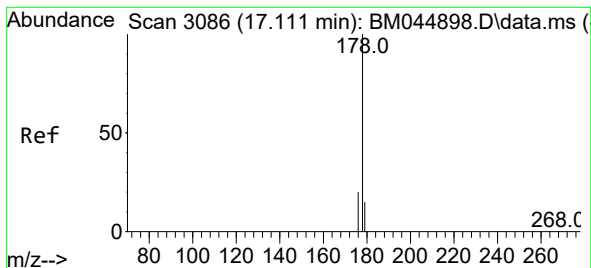
Tgt Ion:166 Resp: 43816
Ion Ratio Lower Upper
166 100
165 99.2 79.9 119.9
167 13.6 12.2 18.2



#14
Pentachlorophenol
Concen: 3.504 ng/ul
RT: 16.714 min Scan# 2992
Delta R.T. -0.021 min
Lab File: BM044901.D
Acq: 03 Apr 2024 21:15

Tgt Ion:266 Resp: 6625
Ion Ratio Lower Upper
266 100
264 62.8 48.3 72.5
268 65.6 52.6 79.0





#15

Phenanthrene

Concen: 2.997 ng/ul

RT: 17.098 min Scan# 3086

Delta R.T. -0.013 min

Lab File: BM044901.D

Acq: 03 Apr 2024 21:15

Instrument :

BNA_M

ClientSampleId :

SSTD3.2027

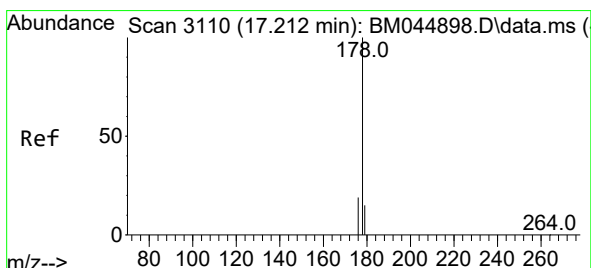
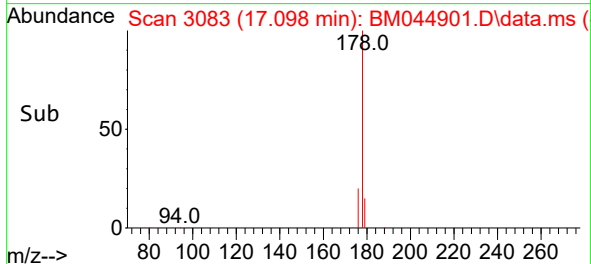
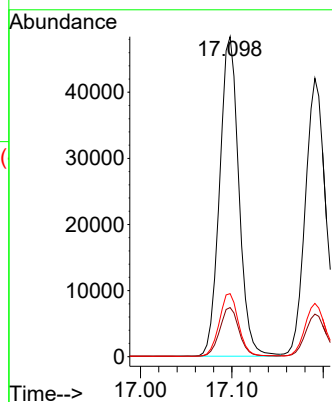
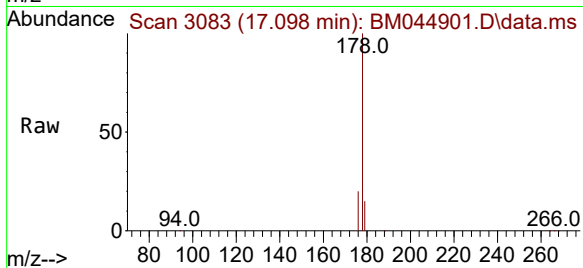
Tgt Ion:178 Resp: 70535

Ion Ratio Lower Upper

178 100

179 15.3 13.7 20.5

176 19.7 17.0 25.4



#16

Anthracene

Concen: 3.124 ng/ul

RT: 17.191 min Scan# 3105

Delta R.T. -0.021 min

Lab File: BM044901.D

Acq: 03 Apr 2024 21:15

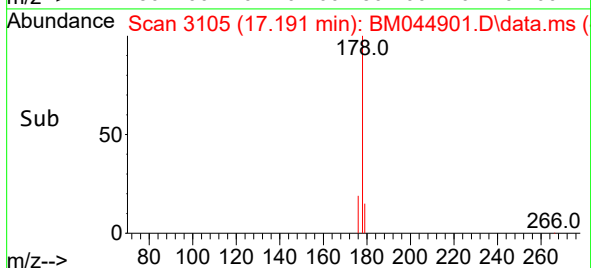
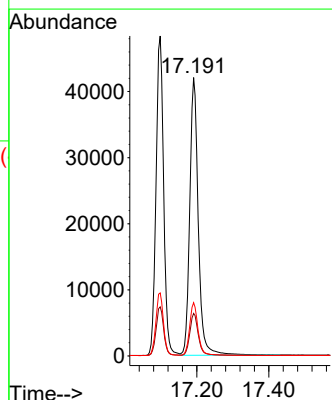
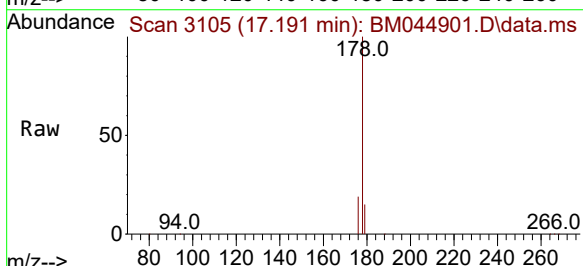
Tgt Ion:178 Resp: 69028

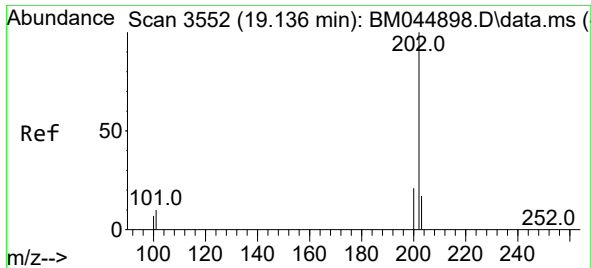
Ion Ratio Lower Upper

178 100

179 15.3 13.8 20.8

176 19.1 16.2 24.4

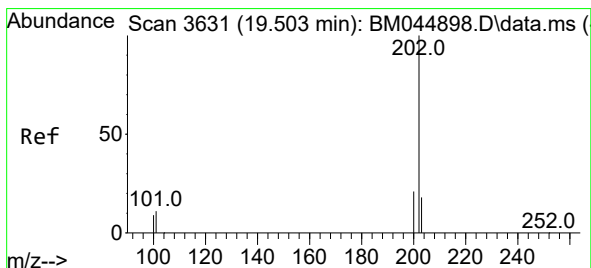
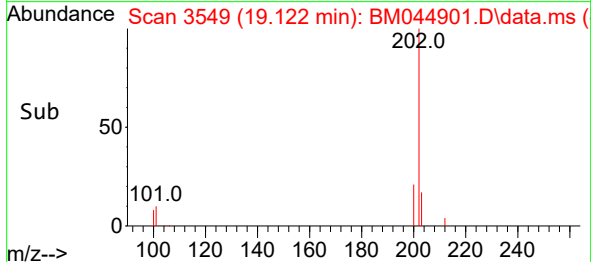
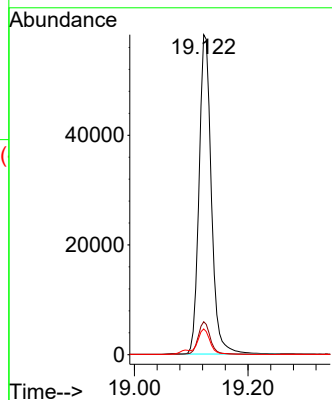
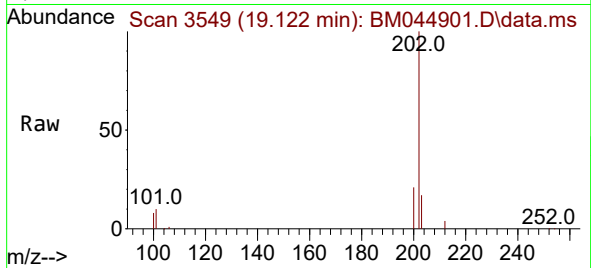




#19
Fluoranthene
Concen: 2.186 ng/ul
RT: 19.122 min Scan# 3549
Delta R.T. -0.014 min
Lab File: BM044901.D
Acq: 03 Apr 2024 21:15

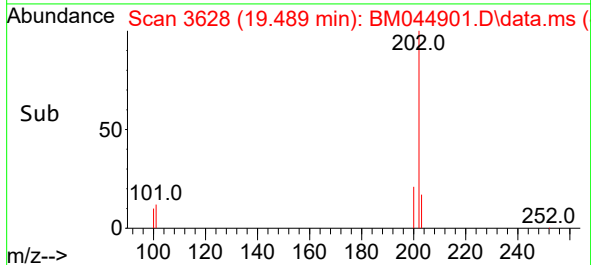
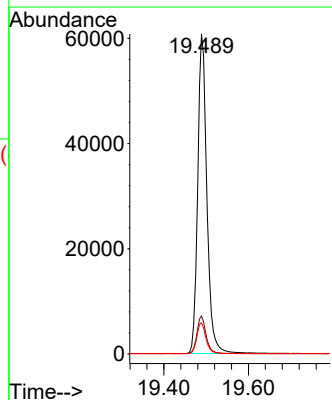
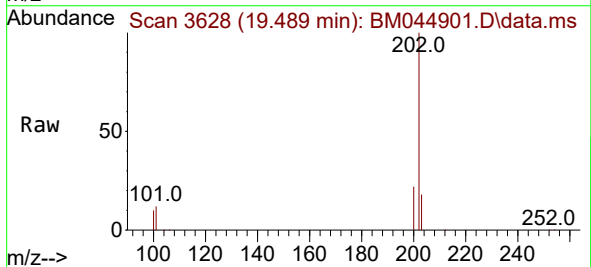
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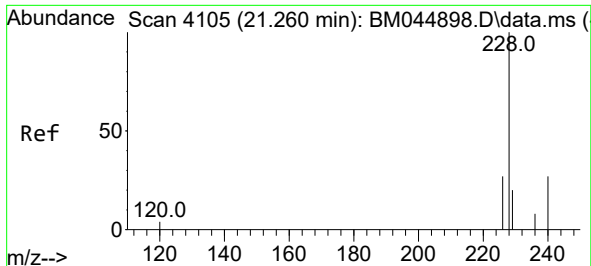
Tgt Ion:202 Resp: 87534
Ion Ratio Lower Upper
202 100
101 10.3 8.8 13.2
100 8.1 7.0 10.4



#20
Pyrene
Concen: 2.226 ng/ul
RT: 19.489 min Scan# 3628
Delta R.T. -0.014 min
Lab File: BM044901.D
Acq: 03 Apr 2024 21:15

Tgt Ion:202 Resp: 91297
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.6
100 9.7 8.1 12.1

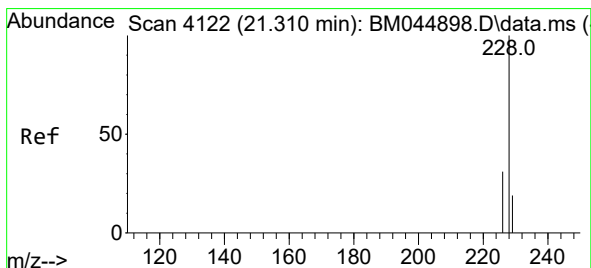
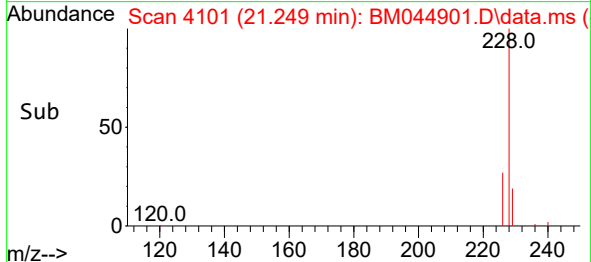
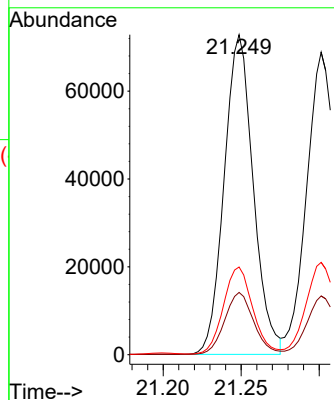
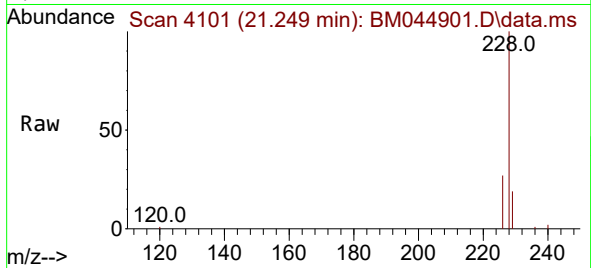




#21
Benzo(a)anthracene
Concen: 3.027 ng/ul
RT: 21.249 min Scan# 4110
Delta R.T. -0.012 min
Lab File: BM044901.D
Acq: 03 Apr 2024 21:15

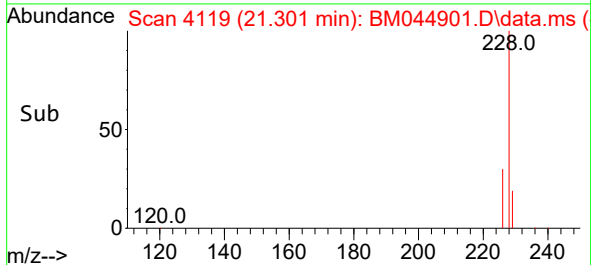
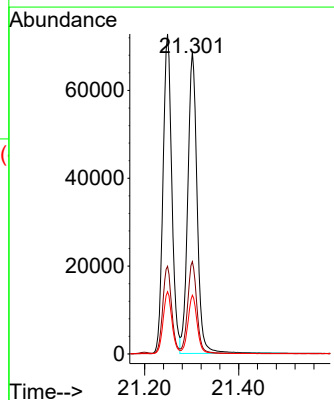
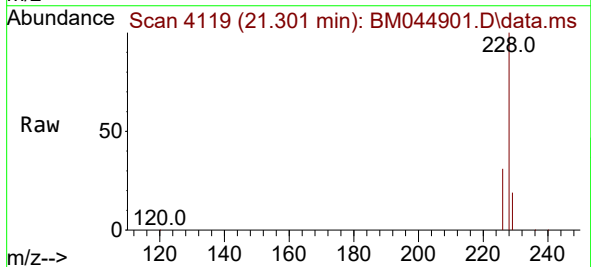
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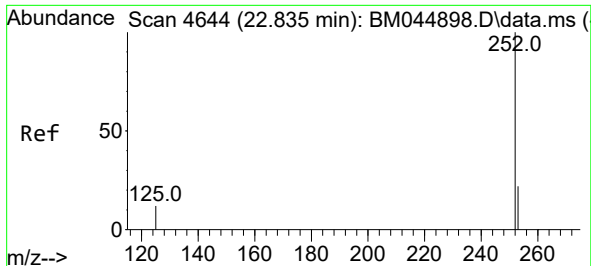
Tgt Ion:228 Resp: 94241
Ion Ratio Lower Upper
228 100
229 19.5 16.4 24.6
226 27.4 22.3 33.5



#22
Chrysene
Concen: 2.705 ng/ul
RT: 21.301 min Scan# 4119
Delta R.T. -0.009 min
Lab File: BM044901.D
Acq: 03 Apr 2024 21:15

Tgt Ion:228 Resp: 94580
Ion Ratio Lower Upper
228 100
226 30.5 24.9 37.3
229 19.4 15.9 23.9

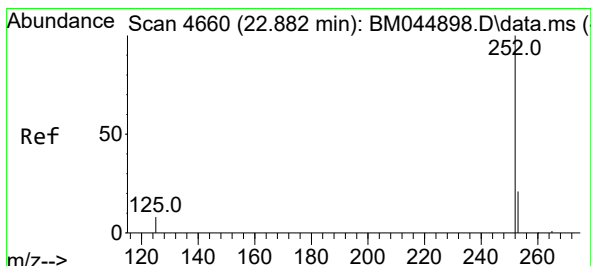
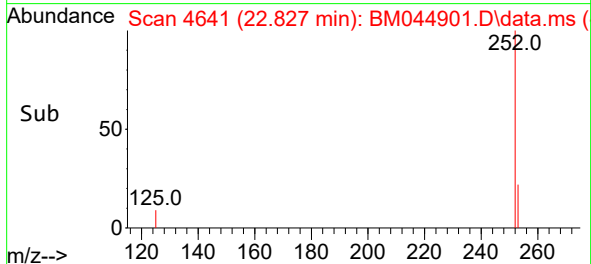
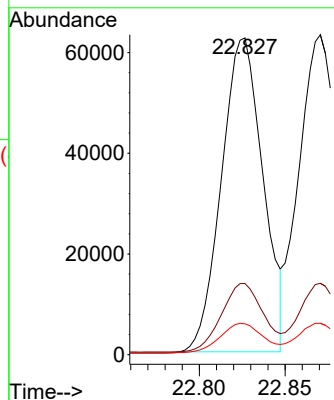
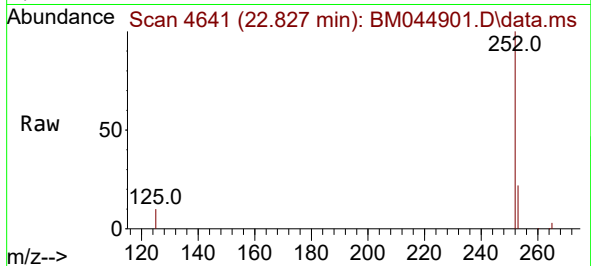




#24
Benzo(b)fluoranthene
Concen: 2.863 ng/ul
RT: 22.827 min Scan# 4641
Delta R.T. -0.009 min
Lab File: BM044901.D
Acq: 03 Apr 2024 21:15

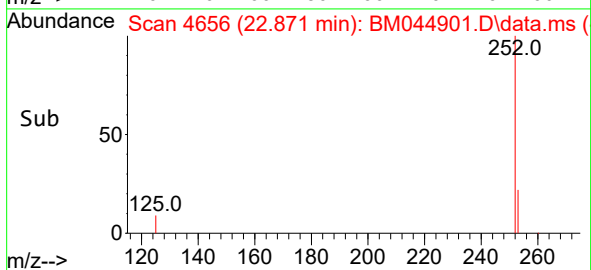
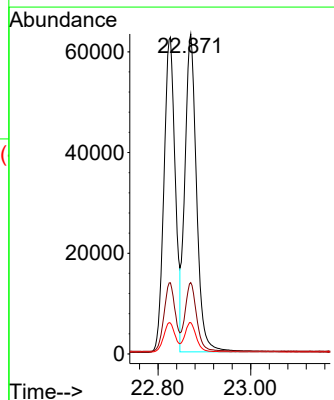
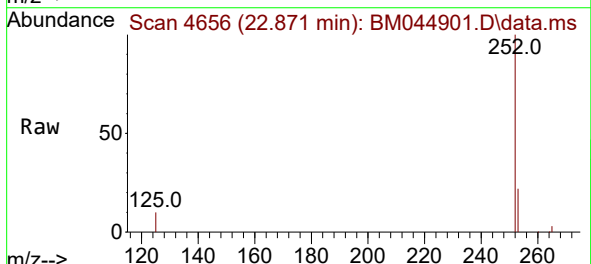
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

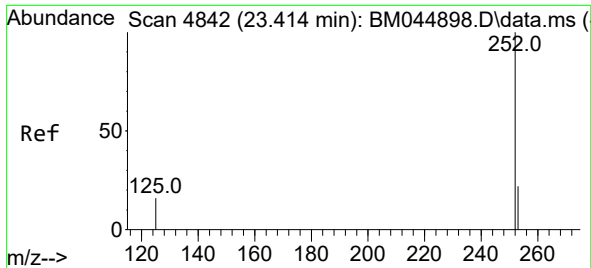
Tgt Ion:252 Resp: 105000
Ion Ratio Lower Upper
252 100
253 22.5 0.0 56.4
125 9.7 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 2.785 ng/ul
RT: 22.871 min Scan# 4656
Delta R.T. -0.012 min
Lab File: BM044901.D
Acq: 03 Apr 2024 21:15

Tgt Ion:252 Resp: 110654
Ion Ratio Lower Upper
252 100
253 22.3 22.3 33.5#
125 9.8 11.6 17.4#

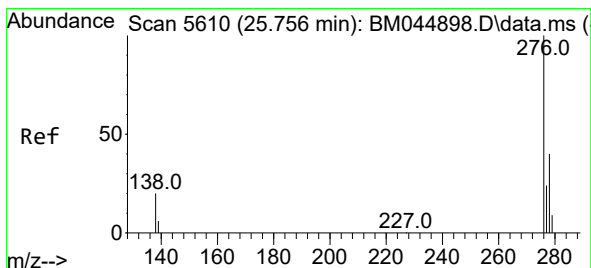
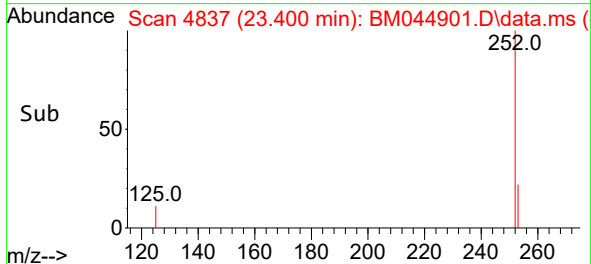
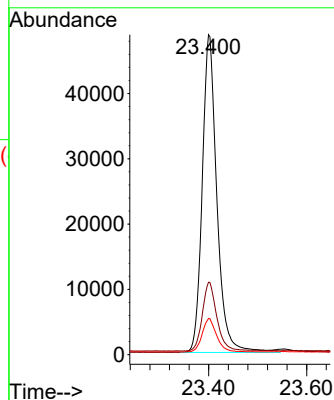
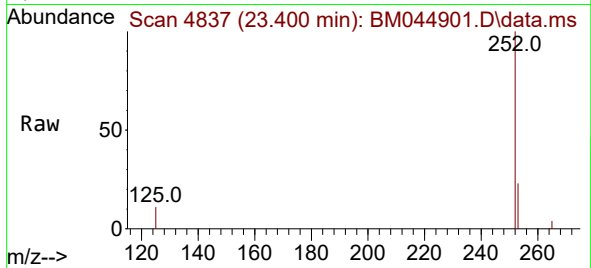




#26
Benzo(a)pyrene
Concen: 3.034 ng/ul
RT: 23.400 min Scan# 4842
Delta R.T. -0.015 min
Lab File: BM044901.D
Acq: 03 Apr 2024 21:15

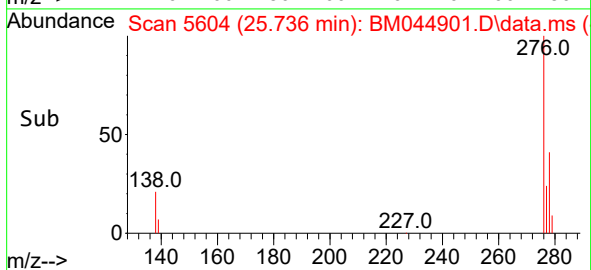
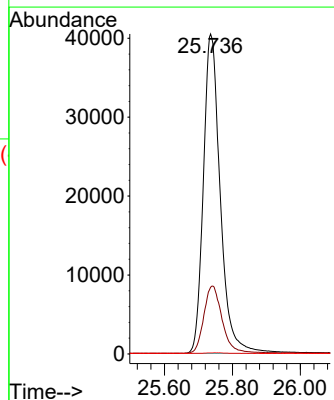
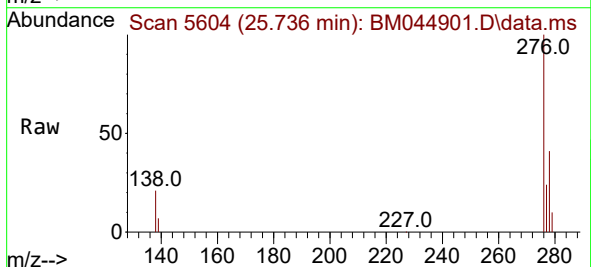
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

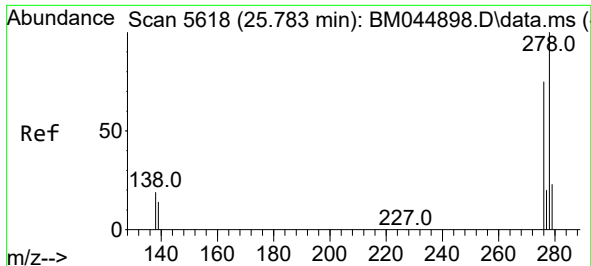
Tgt Ion:252 Resp: 101054
Ion Ratio Lower Upper
252 100
253 22.6 24.6 37.0#
125 11.3 18.2 27.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.654 ng/ul
RT: 25.736 min Scan# 5604
Delta R.T. -0.020 min
Lab File: BM044901.D
Acq: 03 Apr 2024 21:15

Tgt Ion:276 Resp: 139978
Ion Ratio Lower Upper
276 100
138 22.9 0.0 0.0#
227 0.2 0.1 0.1#

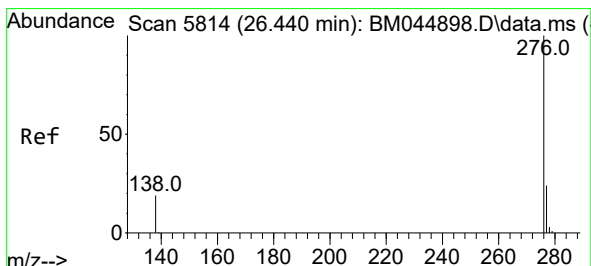
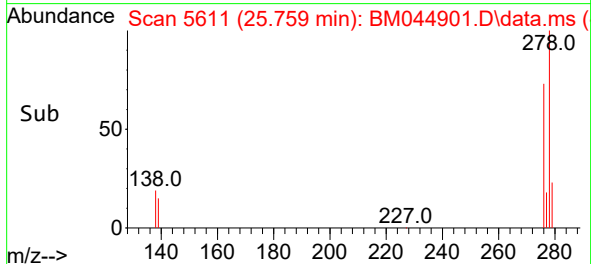
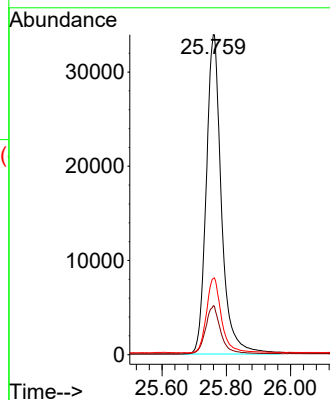
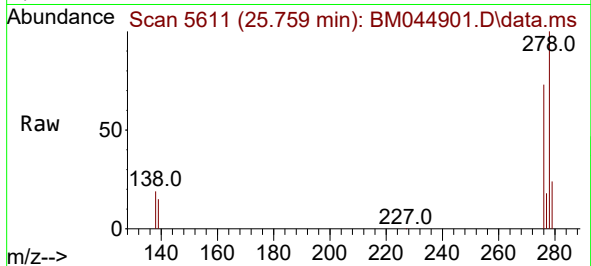




#28
Dibenzo(a,h)anthracene
Concen: 3.767 ng/ul
RT: 25.759 min Scan# 50
Delta R.T. -0.023 min
Lab File: BM044901.D
Acq: 03 Apr 2024 21:15

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

Tgt Ion:278 Resp: 111339
Ion Ratio Lower Upper
278 100
139 15.3 13.6 20.4
279 23.8 23.0 34.4



#29
Benzo(g,h,i)perylene
Concen: 3.464 ng/ul
RT: 26.423 min Scan# 5809
Delta R.T. -0.017 min
Lab File: BM044901.D
Acq: 03 Apr 2024 21:15

Tgt Ion:276 Resp: 116499
Ion Ratio Lower Upper
276 100
138 19.8 16.8 25.2
277 23.5 20.3 30.5

