

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
 Data File : BM041520.D
 Acq On : 28 Aug 2023 13:27
 Operator : MA/JU
 Sample : SSTD0.815
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.8004

Quant Time: Aug 28 14:04:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 13:38:31 2023
 Response via : Initial Calibration

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

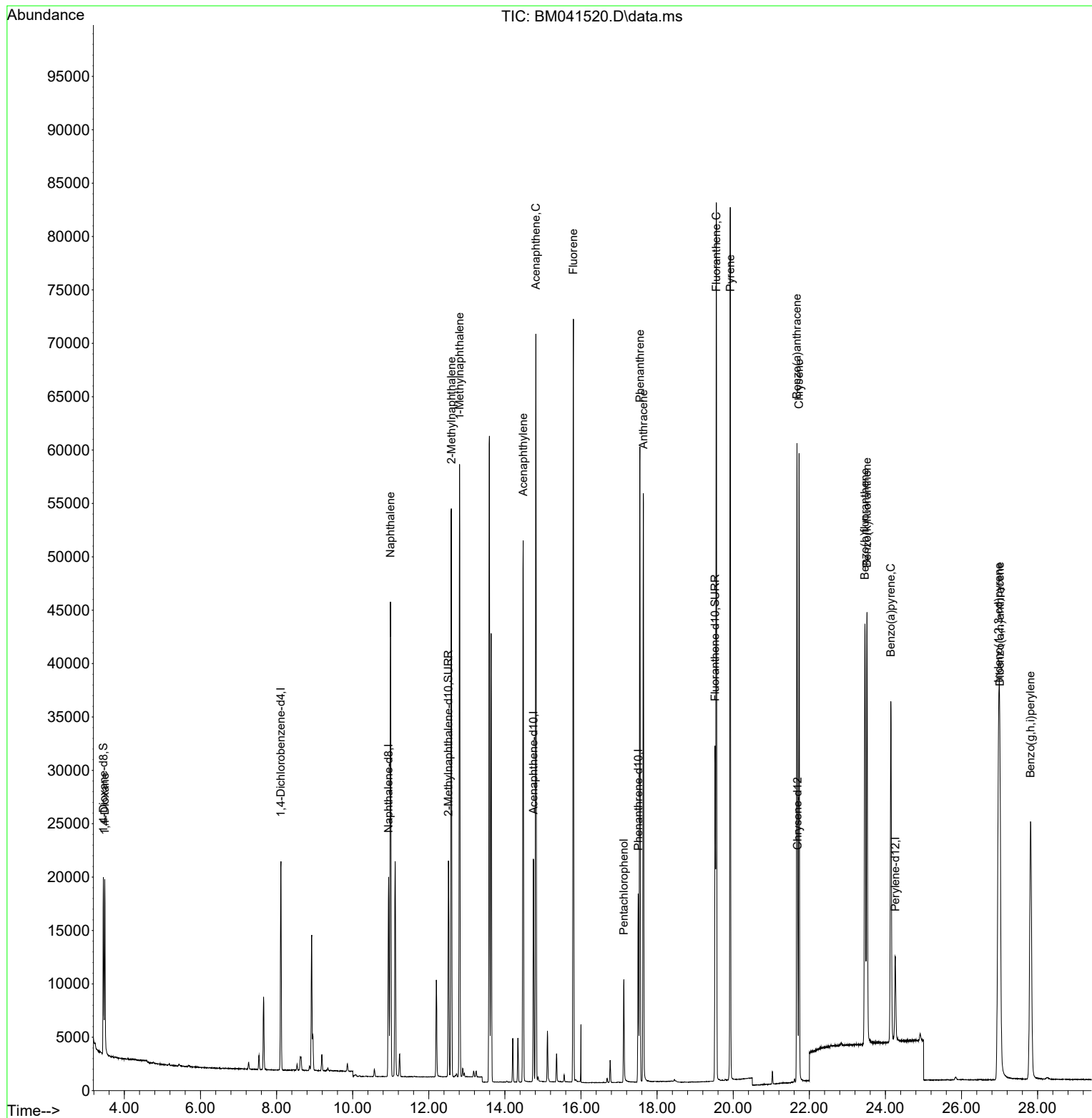
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	9713	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	24071	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	10625	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	19023	0.400	ng/ul	0.00
17) Chrysene-d12	21.694	240	8956	0.400	ng/ul	0.00
23) Perylene-d12	24.257	264	11105	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	9678	0.806	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	24717	0.766	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	28188	0.759	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.486	88	9809	0.781	ng/ul	92
5) Naphthalene	10.994	128	60458	0.777	ng/ul	100
7) 2-Methylnaphthalene	12.594	142	36588	0.775	ng/ul	100
8) 1-Methylnaphthalene	12.808	142	36948	0.775	ng/ul	100
10) Acenaphthylene	14.481	152	55388	0.790	ng/ul	100
11) Acenaphthene	14.814	153	38939	0.787	ng/ul	99
12) Fluorene	15.800	166	42293	0.797	ng/ul	100
14) Pentachlorophenol	17.126	266	6403	0.898	ng/ul	100
15) Phenanthrene	17.548	178	62213	0.801	ng/ul	100
16) Anthracene	17.637	178	57886	0.825	ng/ul	99
19) Fluoranthene	19.557	202	65268	0.791	ng/ul	99
20) Pyrene	19.924	202	65993	0.788	ng/ul	100
21) Benzo(a)anthracene	21.676	228	50357	0.789	ng/ul	99
22) Chrysene	21.732	228	50260	0.799	ng/ul	100
24) Benzo(b)fluoranthene	23.462	252	55298	0.790	ng/ul	98
25) Benzo(k)fluoranthene	23.515	252	54837	0.802	ng/ul	96
26) Benzo(a)pyrene	24.143	252	50762	0.802	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.971	276	67647	0.789	ng/ul#	99
28) Dibenzo(a,h)anthracene	27.008	278	48932	0.797	ng/ul	97
29) Benzo(g,h,i)perylene	27.816	276	56624	0.791	ng/ul	97

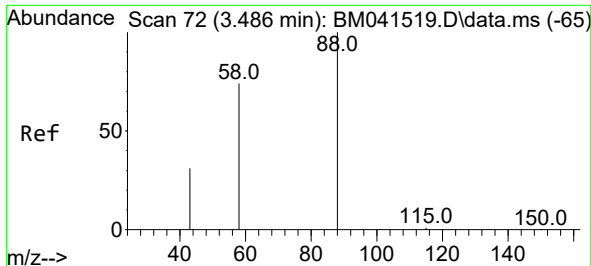
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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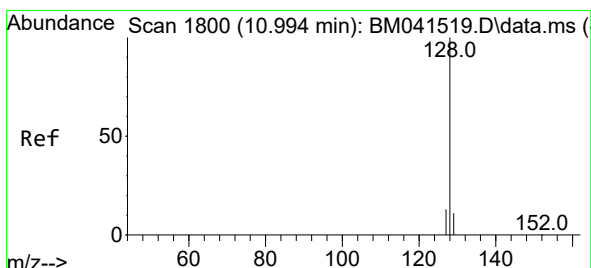
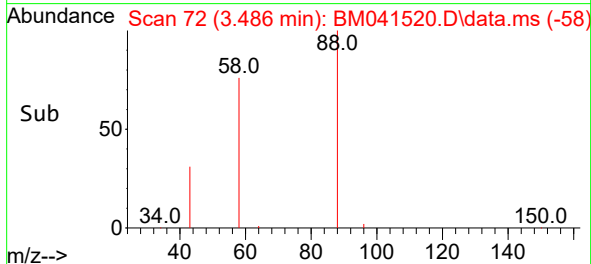
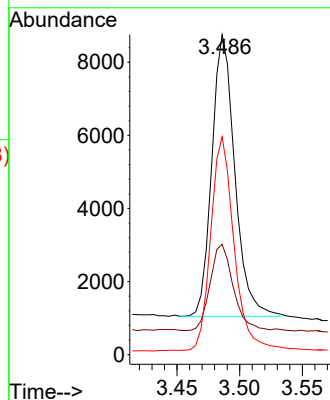
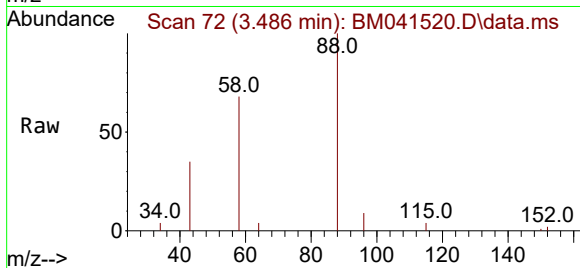




#2
1,4-Dioxane
Concen: 0.781 ng/ul
RT: 3.486 min Scan# 72
Delta R.T. 0.000 min
Lab File: BM041520.D
Acq: 28 Aug 2023 13:27

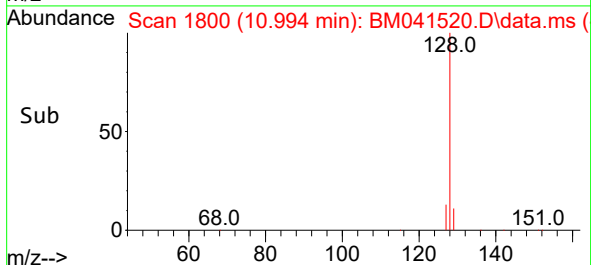
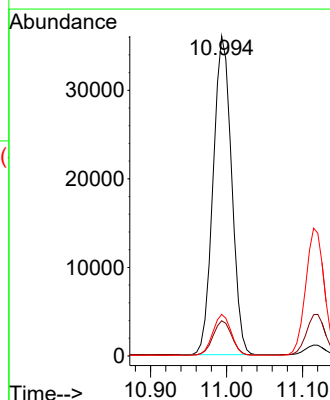
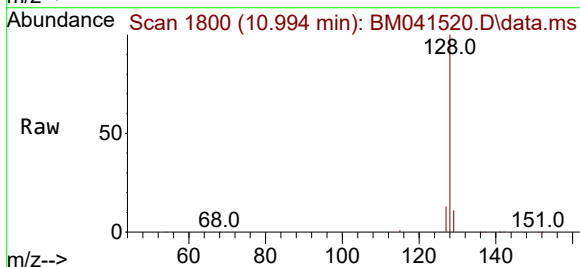
Instrument :
BNA_M
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SSTD0.8004

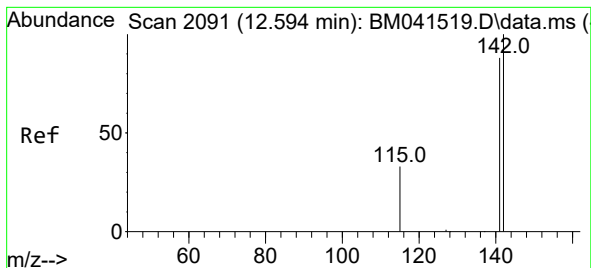
Tgt Ion: 88 Resp: 9809
Ion Ratio Lower Upper
88 100
43 34.5 30.6 46.0
58 68.1 49.3 73.9



#5
Naphthalene
Concen: 0.777 ng/ul
RT: 10.994 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BM041520.D
Acq: 28 Aug 2023 13:27

Tgt Ion: 128 Resp: 60458
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.0 10.6 15.8

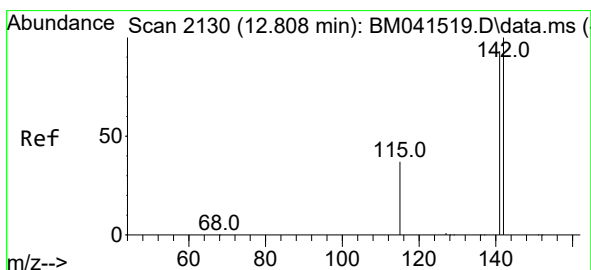
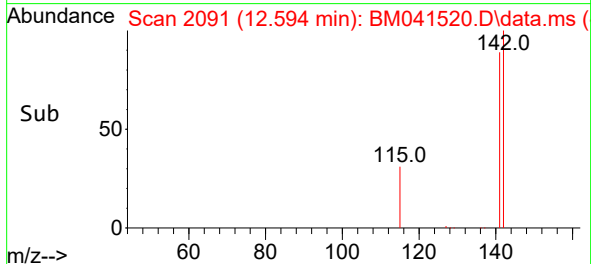
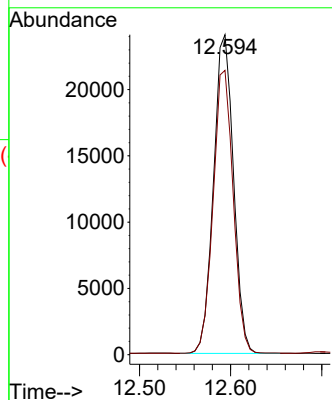
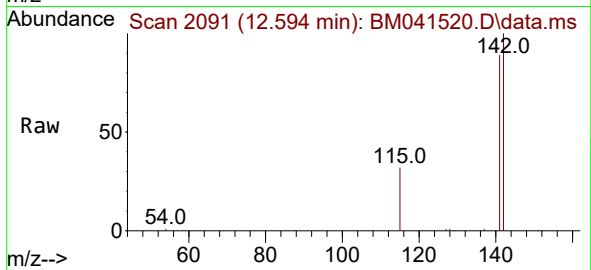




#7
2-Methylnaphthalene
Concen: 0.775 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BM041520.D
Acq: 28 Aug 2023 13:27

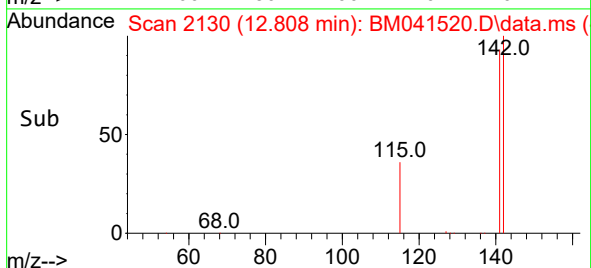
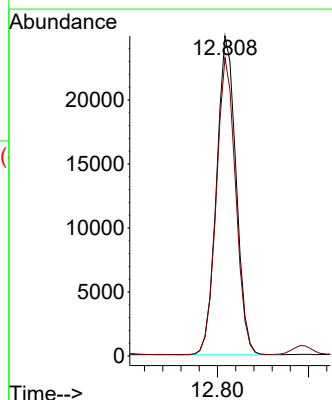
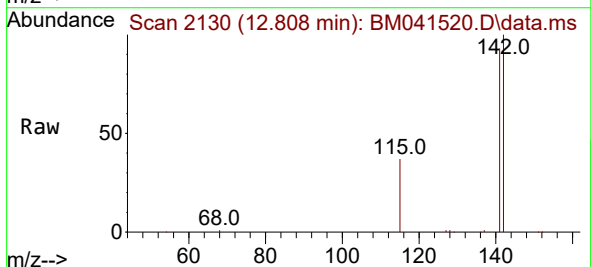
Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

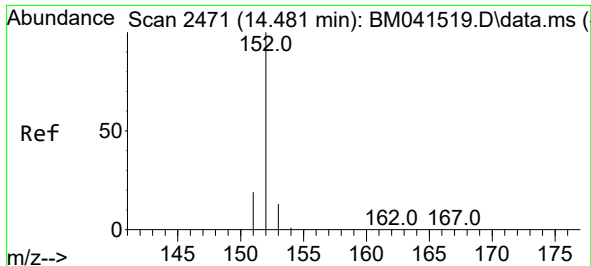
Tgt Ion:142 Resp: 36588
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.6



#8
1-Methylnaphthalene
Concen: 0.775 ng/ul
RT: 12.808 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM041520.D
Acq: 28 Aug 2023 13:27

Tgt Ion:142 Resp: 36948
Ion Ratio Lower Upper
142 100
141 92.2 73.9 110.9

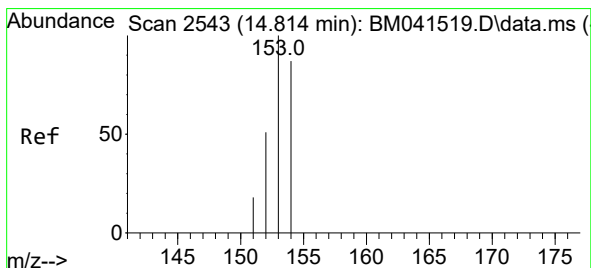
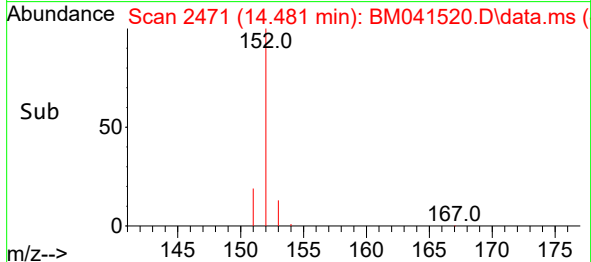
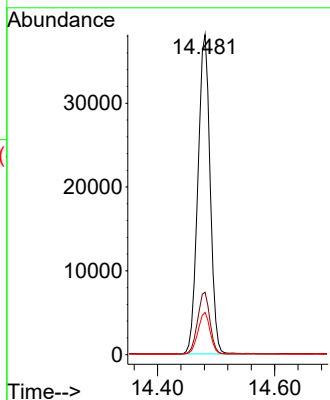
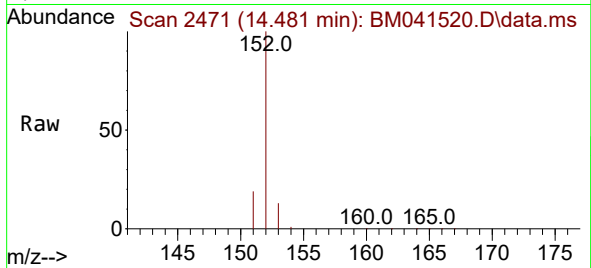




#10
Acenaphthylene
Concen: 0.790 ng/ul
RT: 14.481 min Scan# 2471
Delta R.T. 0.000 min
Lab File: BM041520.D
Acq: 28 Aug 2023 13:27

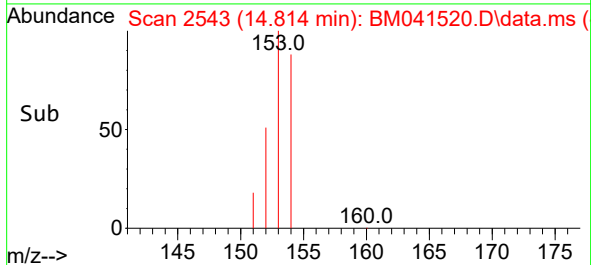
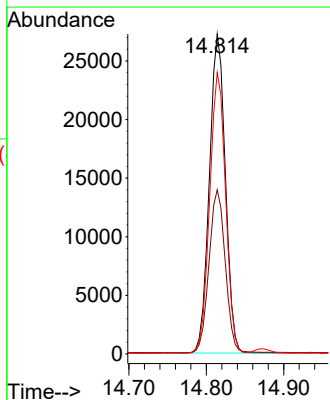
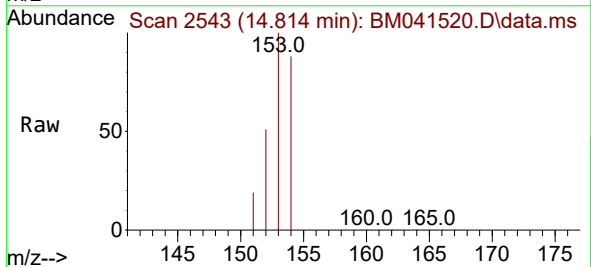
Instrument :
BNA_M
ClientSampleId :
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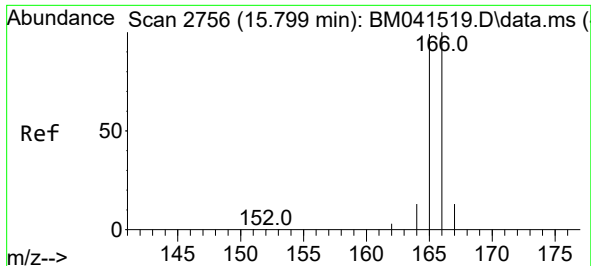
Tgt Ion:152 Resp: 55388
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.2 10.5 15.7



#11
Acenaphthene
Concen: 0.787 ng/ul
RT: 14.814 min Scan# 2543
Delta R.T. 0.000 min
Lab File: BM041520.D
Acq: 28 Aug 2023 13:27

Tgt Ion:153 Resp: 38939
Ion Ratio Lower Upper
153 100
152 51.3 41.1 61.7
154 87.9 69.4 104.0

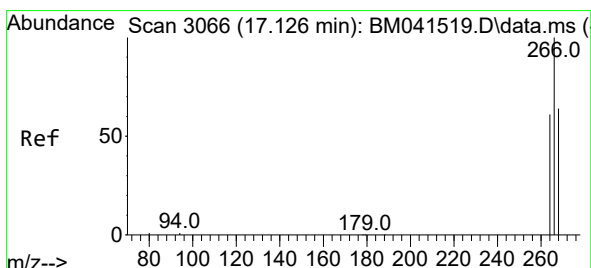
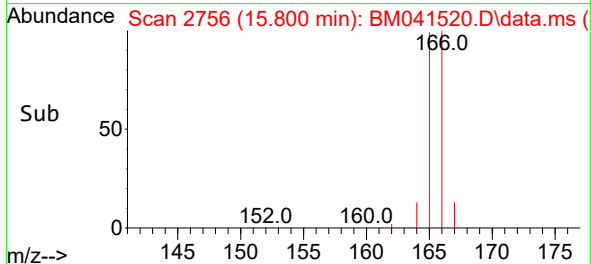
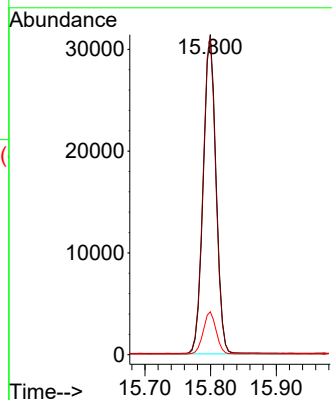
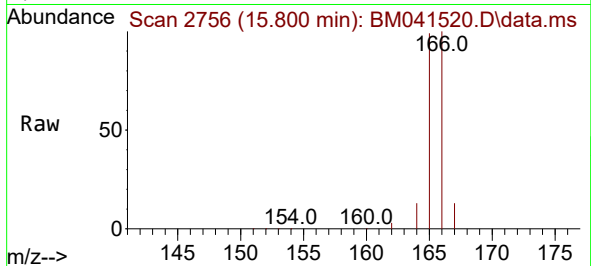




#12
Fluorene
Concen: 0.797 ng/ul
RT: 15.800 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041520.D
Acq: 28 Aug 2023 13:27

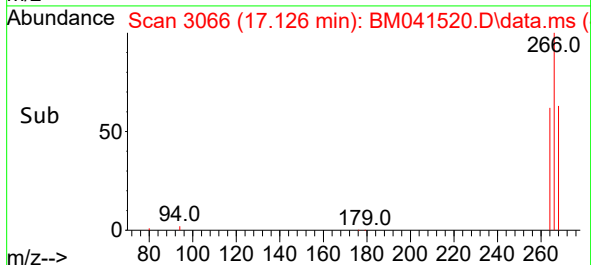
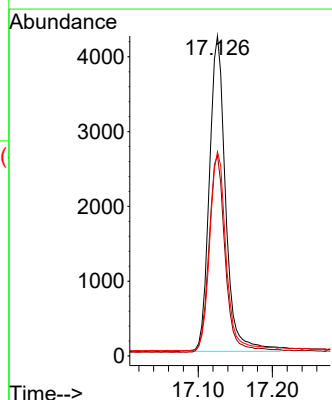
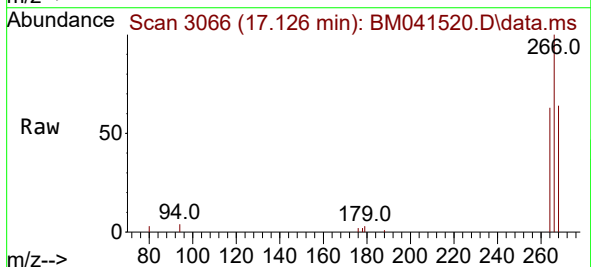
Instrument :
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ClientSampleId :
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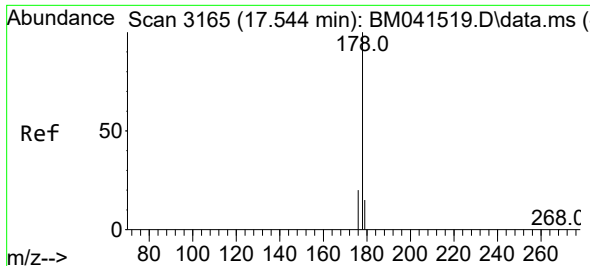
Tgt Ion:166 Resp: 42293
Ion Ratio Lower Upper
166 100
165 98.8 79.2 118.8
167 13.4 10.8 16.2



#14
Pentachlorophenol
Concen: 0.898 ng/ul
RT: 17.126 min Scan# 3066
Delta R.T. 0.000 min
Lab File: BM041520.D
Acq: 28 Aug 2023 13:27

Tgt Ion:266 Resp: 6403
Ion Ratio Lower Upper
266 100
264 62.6 50.0 75.0
268 64.2 51.4 77.0

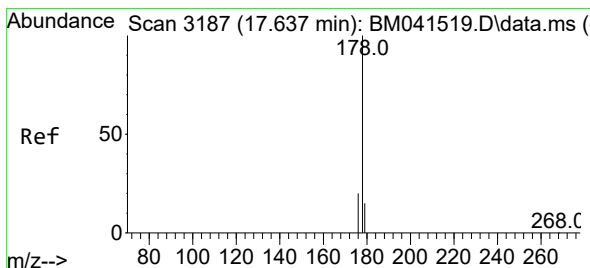
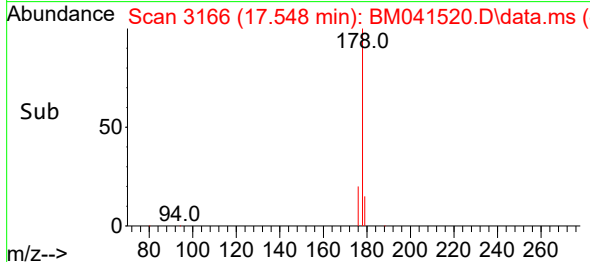
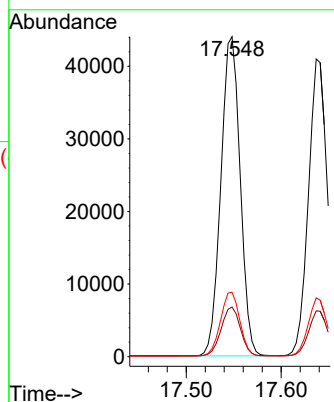
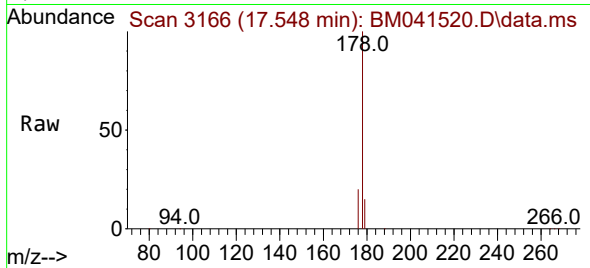




#15
Phenanthrene
Concen: 0.801 ng/ul
RT: 17.548 min Scan# 3165
Delta R.T. 0.004 min
Lab File: BM041520.D
Acq: 28 Aug 2023 13:27

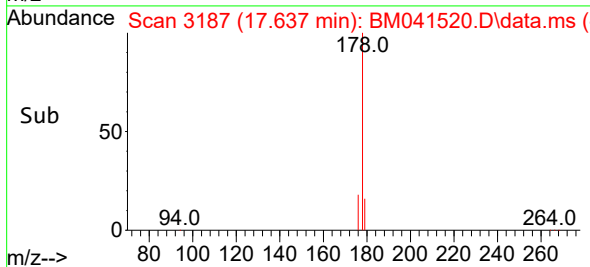
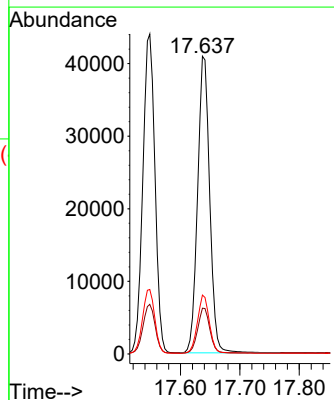
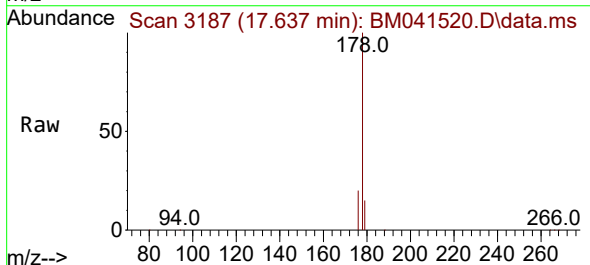
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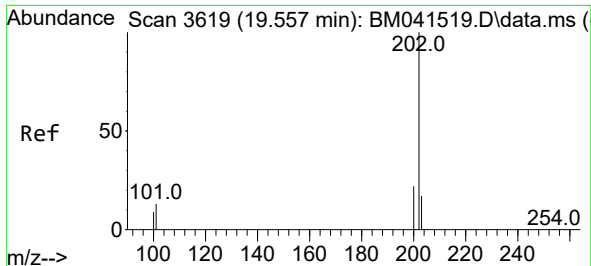
Tgt Ion:178 Resp: 62213
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 20.2 16.3 24.5



#16
Anthracene
Concen: 0.825 ng/ul
RT: 17.637 min Scan# 3187
Delta R.T. 0.000 min
Lab File: BM041520.D
Acq: 28 Aug 2023 13:27

Tgt Ion:178 Resp: 57886
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.8 15.9 23.9

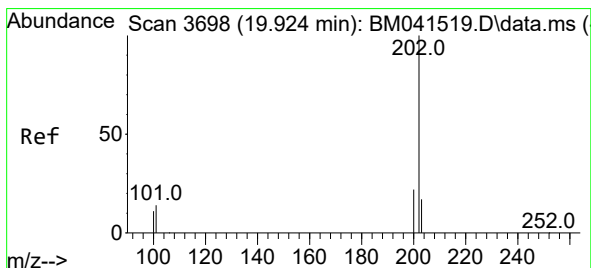
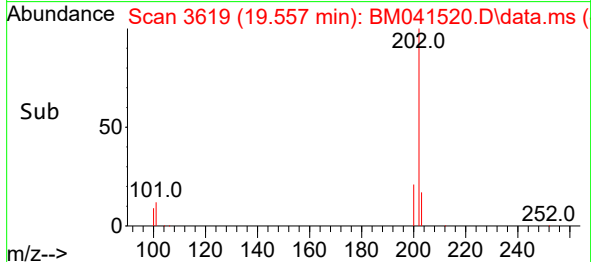
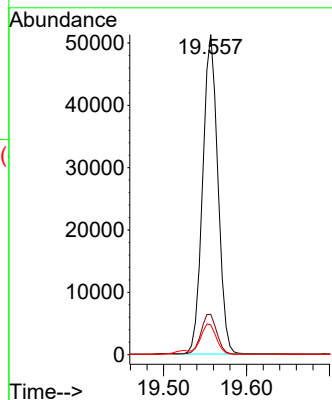
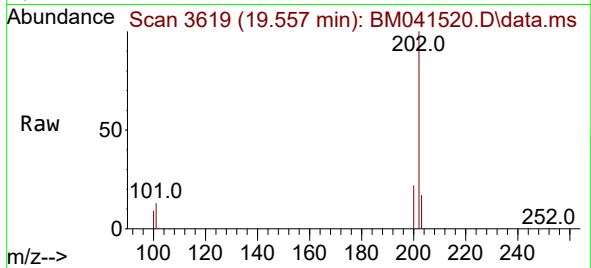




#19
Fluoranthene
Concen: 0.791 ng/ul
RT: 19.557 min Scan# 3619
Delta R.T. 0.000 min
Lab File: BM041520.D
Acq: 28 Aug 2023 13:27

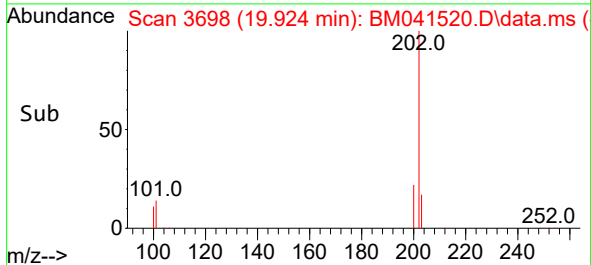
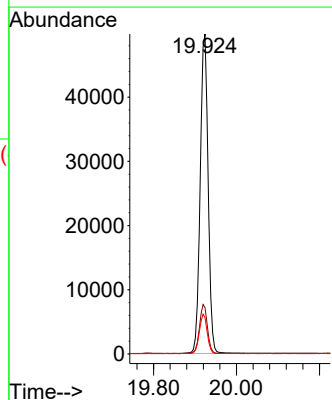
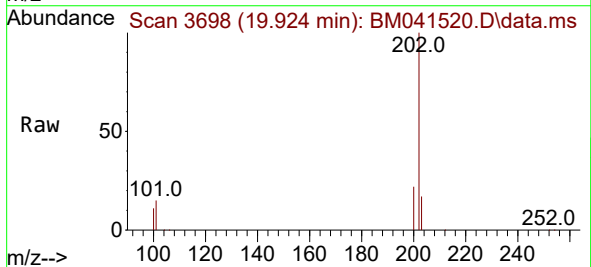
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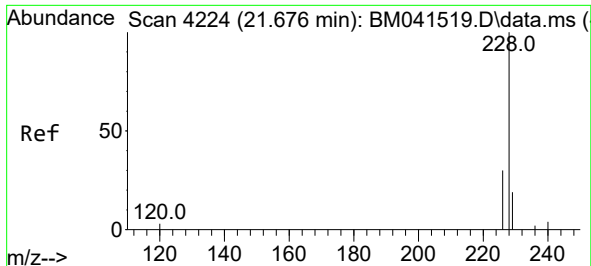
Tgt Ion:202 Resp: 65268
Ion Ratio Lower Upper
202 100
101 12.6 10.5 15.7
100 9.4 7.8 11.6



#20
Pyrene
Concen: 0.788 ng/ul
RT: 19.924 min Scan# 3698
Delta R.T. 0.000 min
Lab File: BM041520.D
Acq: 28 Aug 2023 13:27

Tgt Ion:202 Resp: 65993
Ion Ratio Lower Upper
202 100
101 14.5 11.6 17.4
100 11.4 9.1 13.7

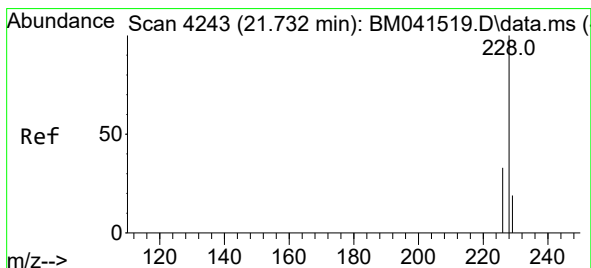
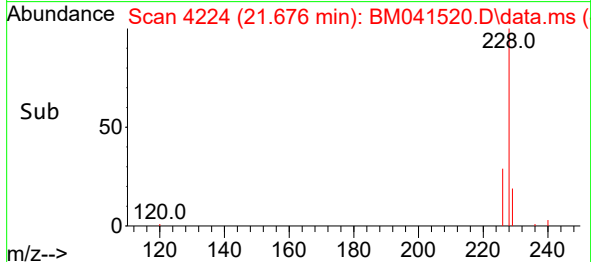
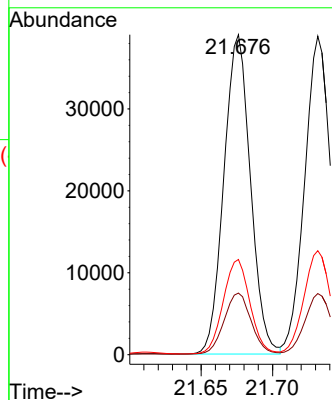
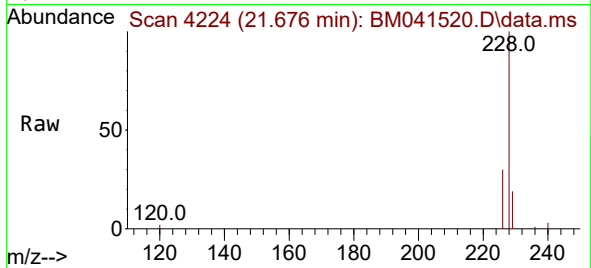




#21
Benzo(a)anthracene
Concen: 0.789 ng/ul
RT: 21.676 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM041520.D
Acq: 28 Aug 2023 13:27

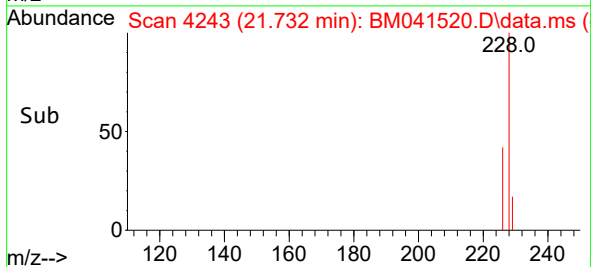
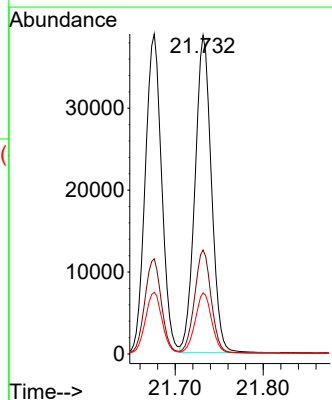
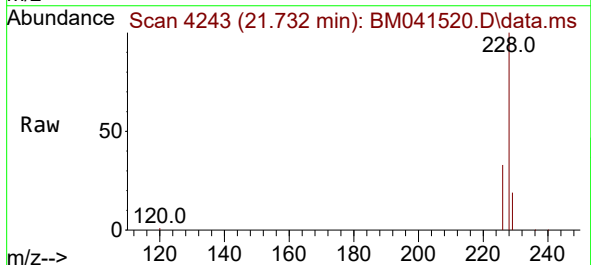
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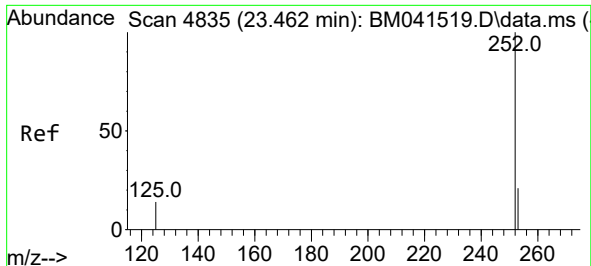
Tgt Ion:228 Resp: 50357
Ion Ratio Lower Upper
228 100
229 19.3 15.8 23.6
226 29.8 24.0 36.0



#22
Chrysene
Concen: 0.799 ng/ul
RT: 21.732 min Scan# 4243
Delta R.T. 0.000 min
Lab File: BM041520.D
Acq: 28 Aug 2023 13:27

Tgt Ion:228 Resp: 50260
Ion Ratio Lower Upper
228 100
226 32.6 26.3 39.5
229 19.2 15.4 23.2

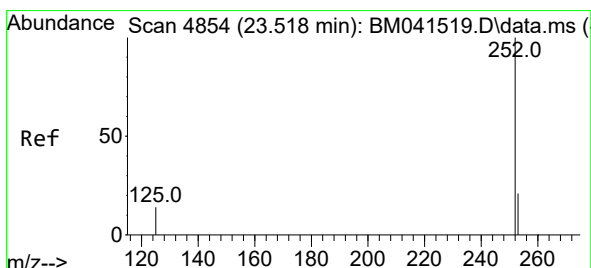
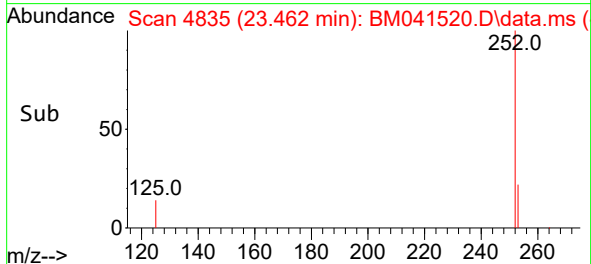
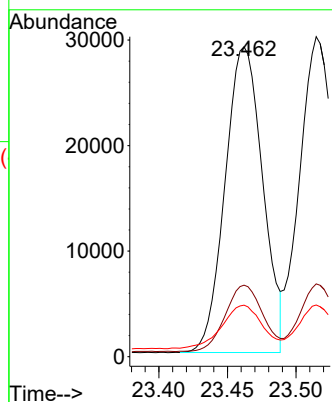
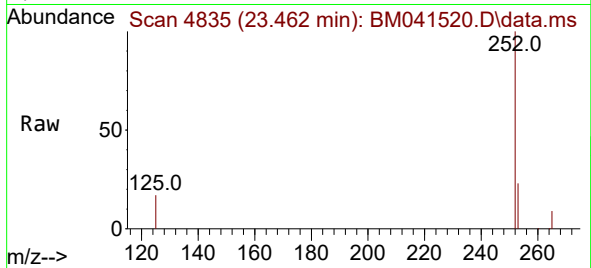




#24
Benzo(b)fluoranthene
Concen: 0.790 ng/ul
RT: 23.462 min Scan# 4835
Delta R.T. 0.000 min
Lab File: BM041520.D
Acq: 28 Aug 2023 13:27

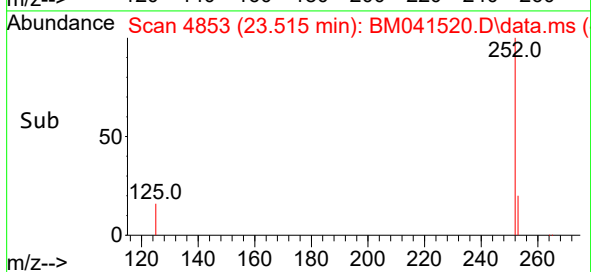
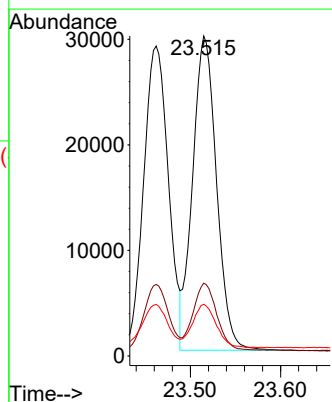
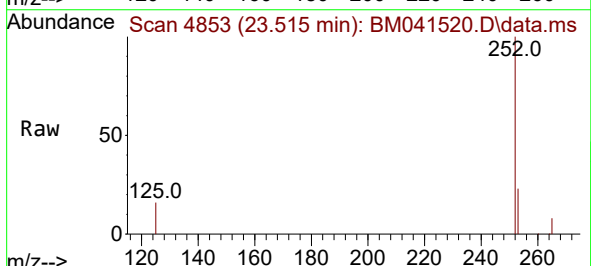
Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

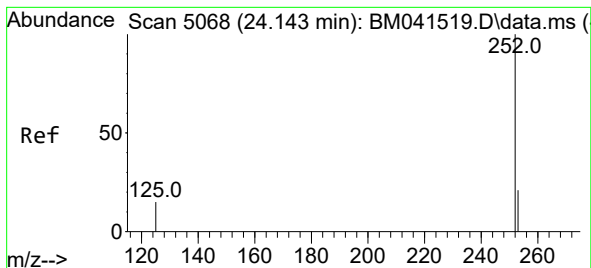
Tgt Ion:252 Resp: 55298
Ion Ratio Lower Upper
252 100
253 23.1 0.0 47.0
125 16.6 0.0 37.2



#25
Benzo(k)fluoranthene
Concen: 0.802 ng/ul
RT: 23.515 min Scan# 4853
Delta R.T. -0.003 min
Lab File: BM041520.D
Acq: 28 Aug 2023 13:27

Tgt Ion:252 Resp: 54837
Ion Ratio Lower Upper
252 100
253 22.8 19.3 28.9
125 16.1 15.0 22.4





#26

Benzo(a)pyrene

Concen: 0.802 ng/ul

RT: 24.143 min Scan# 5068

Delta R.T. 0.000 min

Lab File: BM041520.D

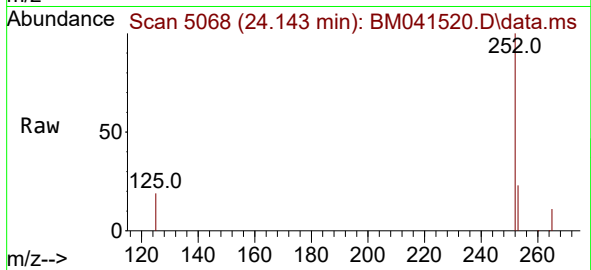
Acq: 28 Aug 2023 13:27

Instrument :

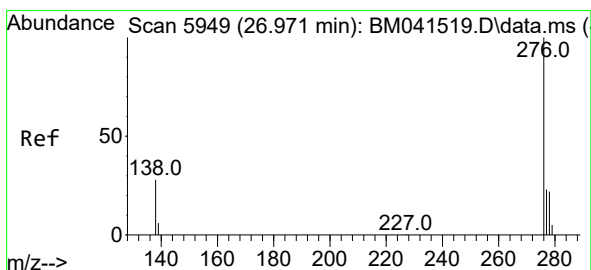
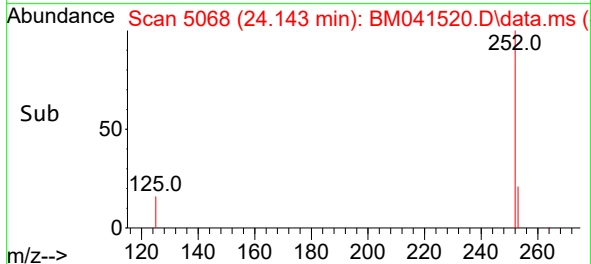
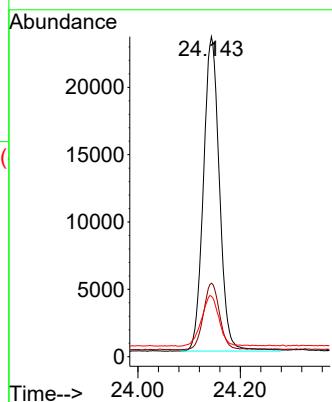
BNA_M

ClientSampleId :

SSTD0.8004



Tgt Ion:	252	Resp:	50762
Ion Ratio	Lower	Upper	
252	100		
253	22.9	20.0	30.0
125	18.9	17.1	25.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.789 ng/ul

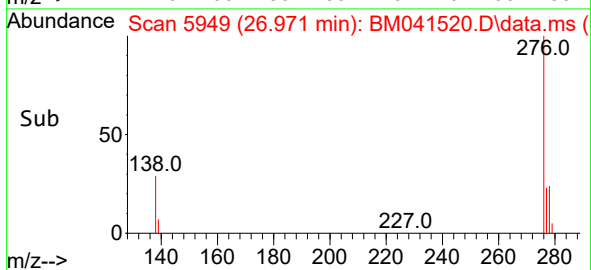
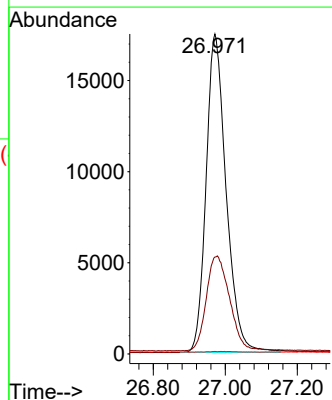
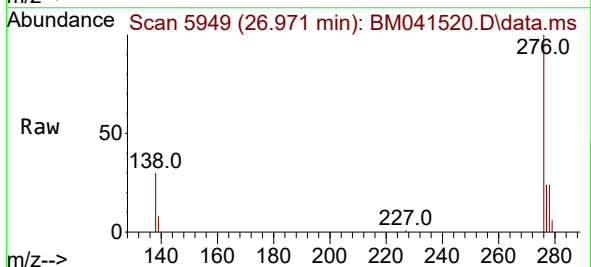
RT: 26.971 min Scan# 5949

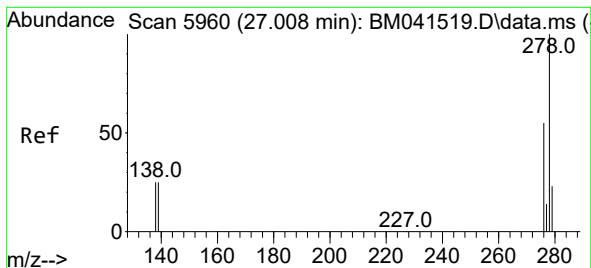
Delta R.T. 0.000 min

Lab File: BM041520.D

Acq: 28 Aug 2023 13:27

Tgt Ion:	276	Resp:	67647
Ion Ratio	Lower	Upper	
276	100		
138	34.7	27.3	40.9
227	0.1	0.0	0.0

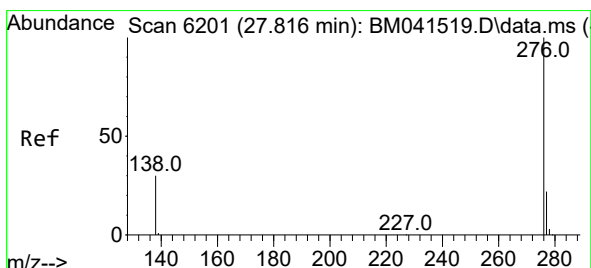
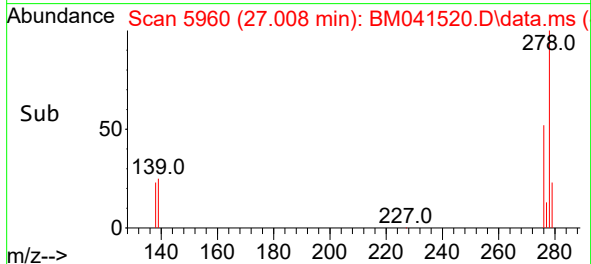
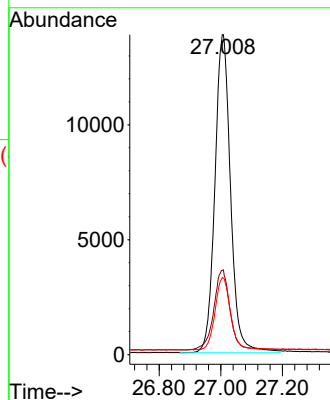
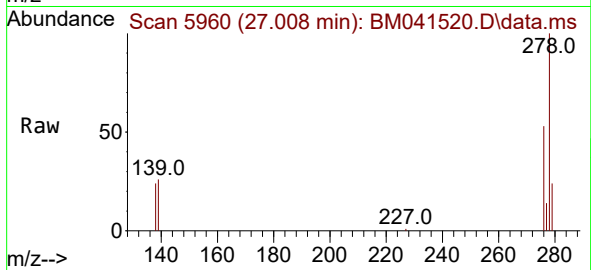




#28
Dibenzo(a,h)anthracene
Concen: 0.797 ng/ul
RT: 27.008 min Scan# 5960
Delta R.T. 0.000 min
Lab File: BM041520.D
Acq: 28 Aug 2023 13:27

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:278 Resp: 48932
Ion Ratio Lower Upper
278 100
139 26.5 22.2 33.2
279 24.0 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.791 ng/ul
RT: 27.816 min Scan# 6201
Delta R.T. 0.000 min
Lab File: BM041520.D
Acq: 28 Aug 2023 13:27

Tgt Ion:276 Resp: 56624
Ion Ratio Lower Upper
276 100
138 29.8 25.9 38.9
277 23.9 19.1 28.7

