

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045528.D
 Acq On : 24 Apr 2024 14:57
 Operator : MA/JU
 Sample : PB160234BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS234

Quant Time: Apr 24 15:49:23 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 : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

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

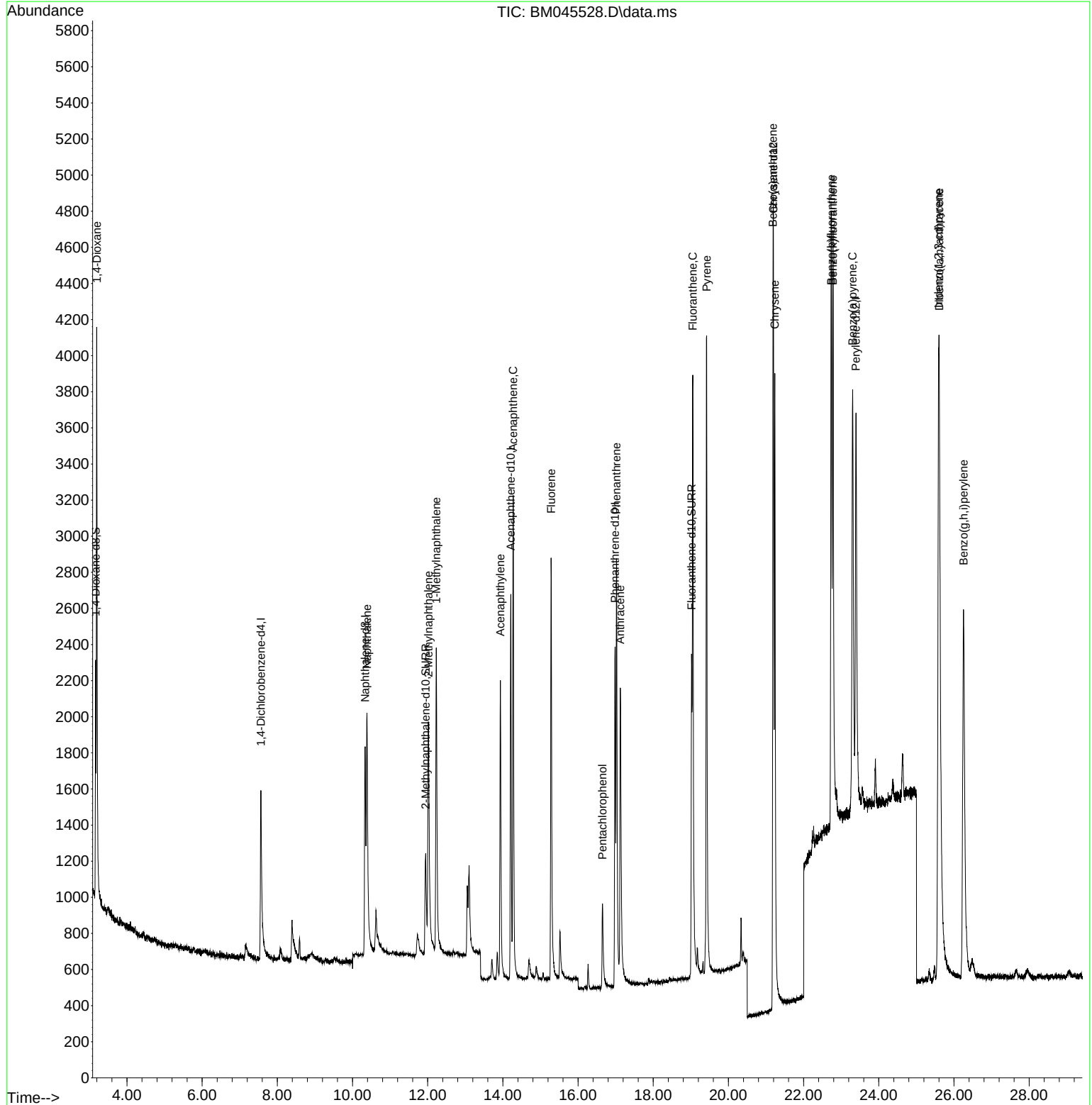
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	866	0.400	ng/ul	0.00
4) Naphthalene-d8	10.336	136	2641	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.210	164	1424	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	2981	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.198	240	2549	0.400	ng/ul	# 0.00
23) Perylene-d12	23.393	264	3643	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	883	0.761	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.947	152	1340	0.385	ng/ul	0.02
18) Fluoranthene-d10	19.020	212	2672	0.333	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.196	88	2139	1.916	ng/ul#	86
5) Naphthalene	10.385	128	2646	0.373	ng/ul	96
7) 2-Methylnaphthalene	12.019	142	1576	0.389	ng/ul	98
8) 1-Methylnaphthalene	12.228	142	1577	0.347	ng/ul	99
10) Acenaphthylene	13.933	152	2599	0.370	ng/ul	99
11) Acenaphthene	14.275	153	1891	0.363	ng/ul	96
12) Fluorene	15.284	166	2064	0.370	ng/ul	98
14) Pentachlorophenol	16.651	266	498	0.838	ng/ul	92
15) Phenanthrene	17.023	178	3137	0.361	ng/ul	98
16) Anthracene	17.124	178	3084	0.380	ng/ul	95
19) Fluoranthene	19.053	202	3803	0.323	ng/ul	95
20) Pyrene	19.420	202	4081	0.338	ng/ul	96
21) Benzo(a)anthracene	21.186	228	3505	0.430	ng/ul	95
22) Chrysene	21.233	228	4354	0.348	ng/ul	99
24) Benzo(b)fluoranthene	22.735	252	4590	0.375	ng/ul	98
25) Benzo(k)fluoranthene	22.779	252	5594	0.361	ng/ul	98
26) Benzo(a)pyrene	23.305	252	4828	0.380	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.591	276	6701	0.363	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.608	278	5269	0.360	ng/ul	91
29) Benzo(g,h,i)perylene	26.255	276	5618	0.338	ng/ul	97

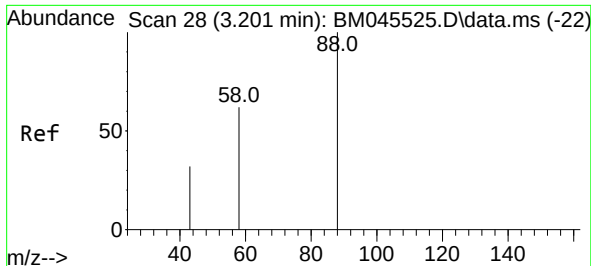
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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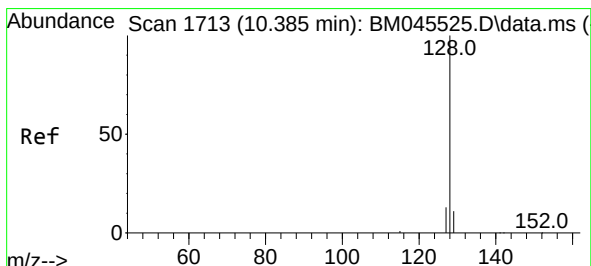
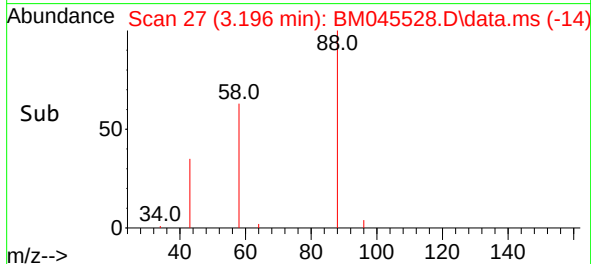
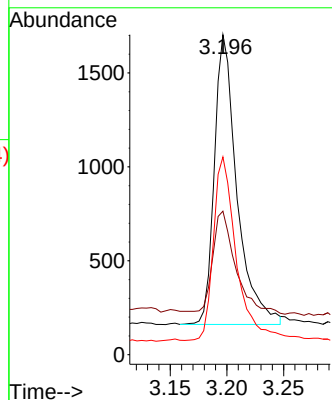
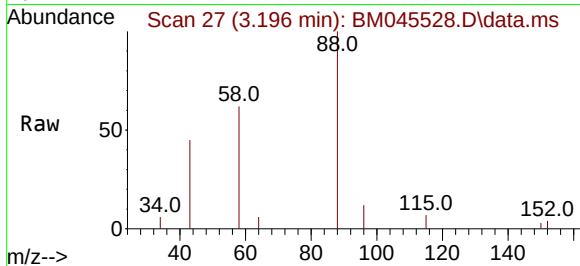




#2
 1,4-Dioxane
 Concen: 1.916 ng/ul
 RT: 3.196 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BM045528.D
 Acq: 24 Apr 2024 14:57

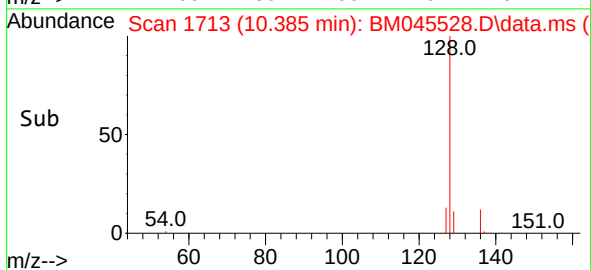
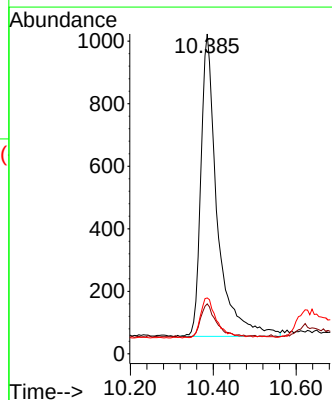
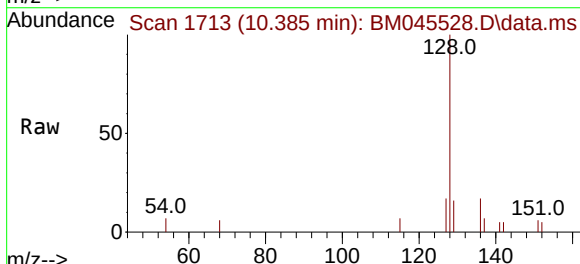
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 BNA_M
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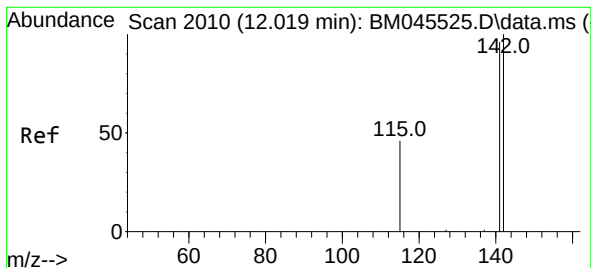
Tgt Ion: 88 Resp: 2139
 Ion Ratio Lower Upper
 88 100
 43 44.8 36.8 55.2
 58 61.8 35.4 53.2#



#5
 Naphthalene
 Concen: 0.373 ng/ul
 RT: 10.385 min Scan# 1713
 Delta R.T. 0.006 min
 Lab File: BM045528.D
 Acq: 24 Apr 2024 14:57

Tgt Ion: 128 Resp: 2646
 Ion Ratio Lower Upper
 128 100
 129 15.6 14.0 21.0
 127 17.5 15.4 23.2

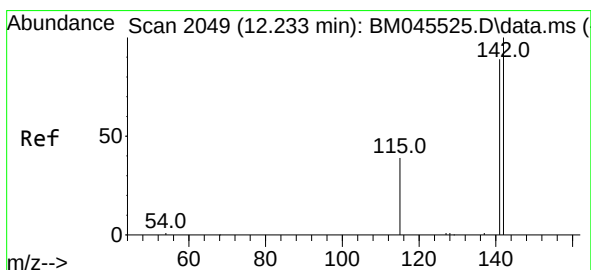
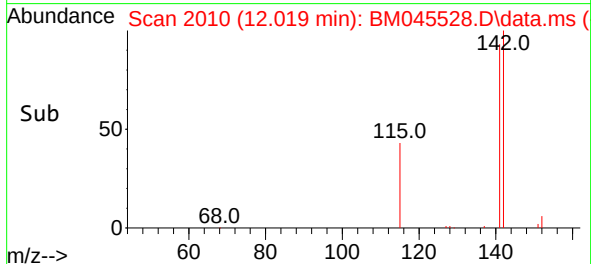
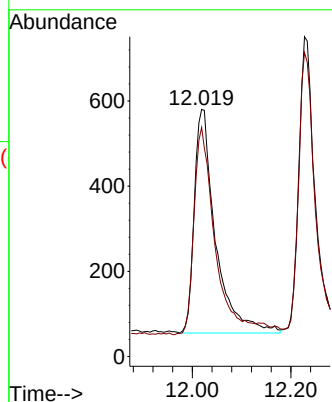
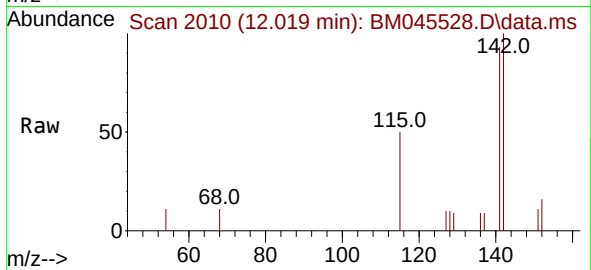




#7
2-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.019 min Scan# 2010
Delta R.T. 0.011 min
Lab File: BM045528.D
Acq: 24 Apr 2024 14:57

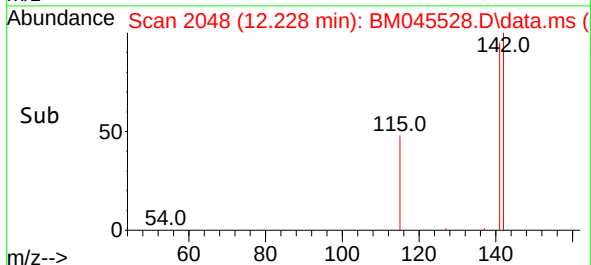
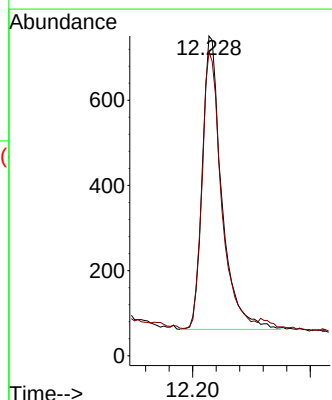
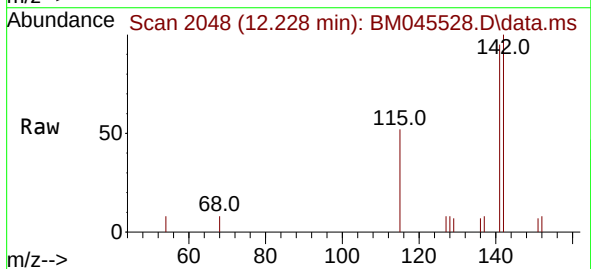
Instrument :
BNA_M
ClientSampleId :
SLCS234

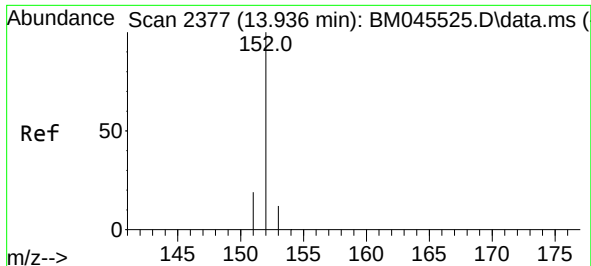
Tgt Ion:142 Resp: 1576
Ion Ratio Lower Upper
142 100
141 94.9 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 12.228 min Scan# 2048
Delta R.T. 0.006 min
Lab File: BM045528.D
Acq: 24 Apr 2024 14:57

Tgt Ion:142 Resp: 1577
Ion Ratio Lower Upper
142 100
141 94.1 76.1 114.1

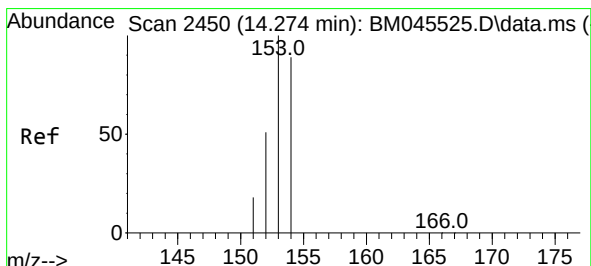
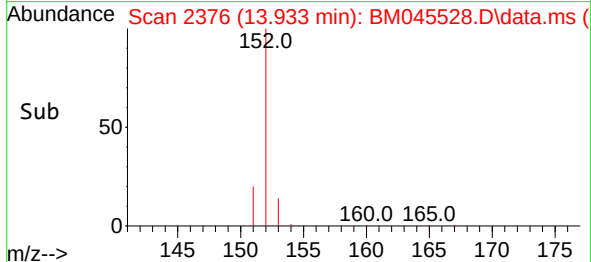
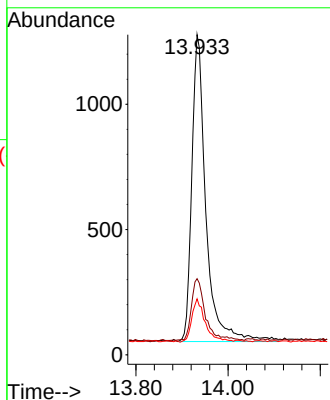
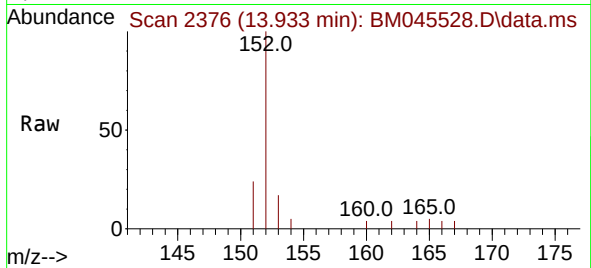




#10
Acenaphthylene
Concen: 0.370 ng/ul
RT: 13.933 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM045528.D
Acq: 24 Apr 2024 14:57

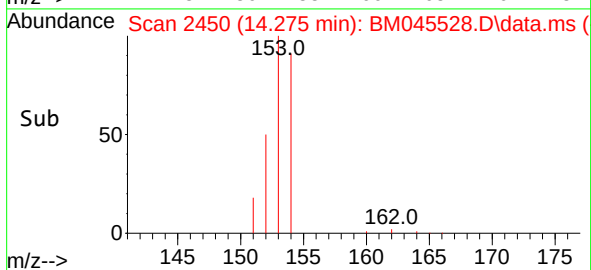
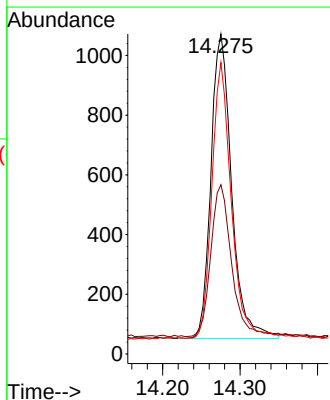
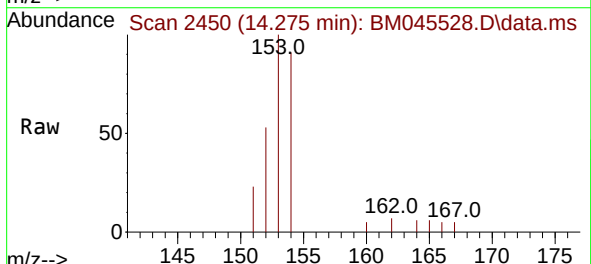
Instrument :
BNA_M
ClientSampleId :
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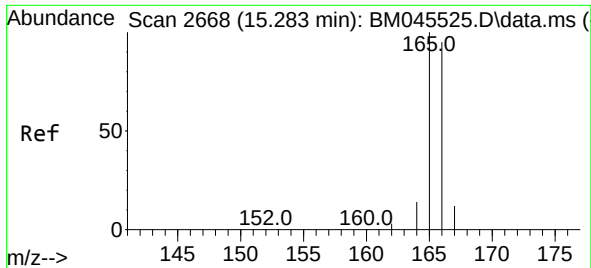
Tgt Ion:152 Resp: 2599
Ion Ratio Lower Upper
152 100
151 23.8 18.6 28.0
153 17.4 14.1 21.1



#11
Acenaphthene
Concen: 0.363 ng/ul
RT: 14.275 min Scan# 2450
Delta R.T. 0.006 min
Lab File: BM045528.D
Acq: 24 Apr 2024 14:57

Tgt Ion:153 Resp: 1891
Ion Ratio Lower Upper
153 100
152 52.9 43.4 65.2
154 91.0 69.0 103.6

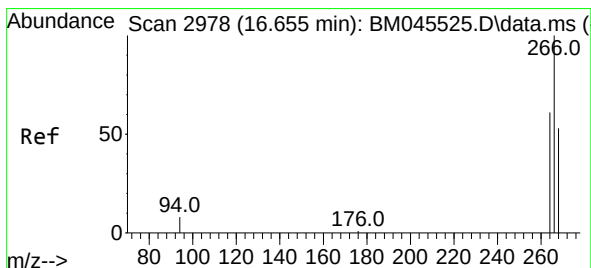
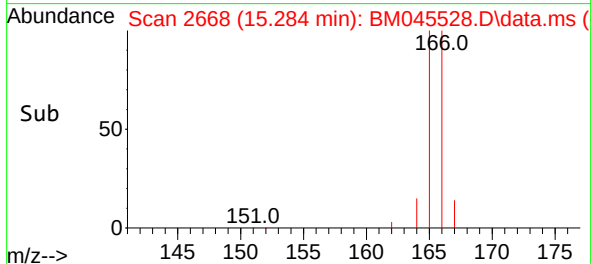
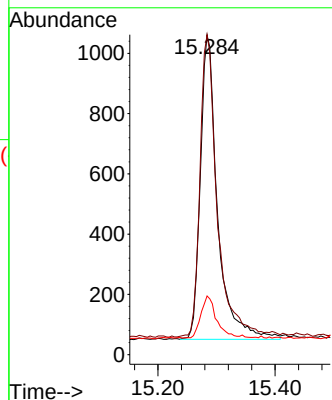
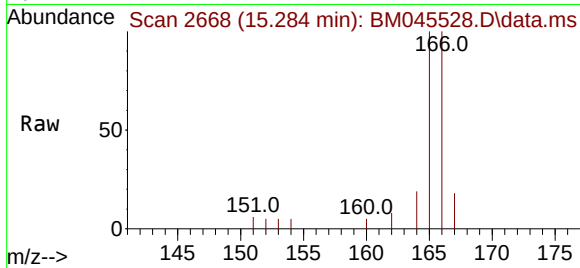




#12
 Fluorene
 Concen: 0.370 ng/ul
 RT: 15.284 min Scan# 2064
 Delta R.T. 0.006 min
 Lab File: BM045528.D
 Acq: 24 Apr 2024 14:57

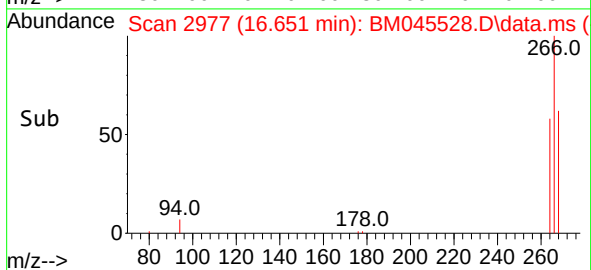
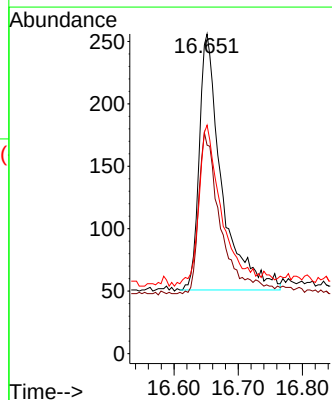
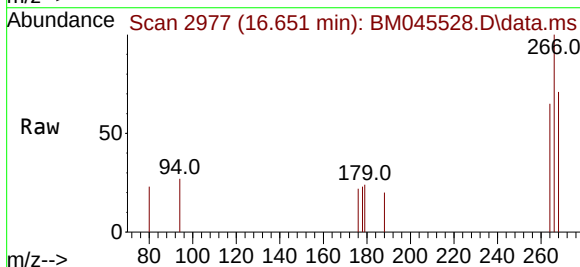
Instrument :
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 ClientSampleId :
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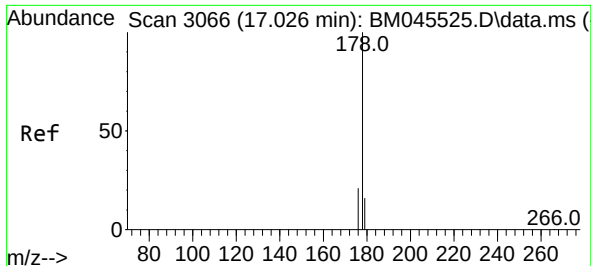
Tgt Ion:	166	Resp:	2064
Ion	Ratio	Lower	Upper
166	100		
165	100.2	82.2	123.2
167	18.4	14.8	22.2



#14
 Pentachlorophenol
 Concen: 0.838 ng/ul
 RT: 16.651 min Scan# 2977
 Delta R.T. 0.001 min
 Lab File: BM045528.D
 Acq: 24 Apr 2024 14:57

Tgt Ion:	266	Resp:	498
Ion	Ratio	Lower	Upper
266	100		
264	64.7	45.5	68.3
268	64.7	56.1	84.1

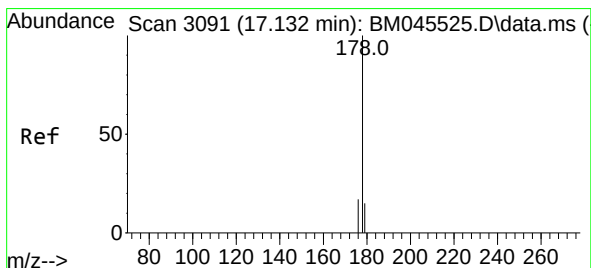
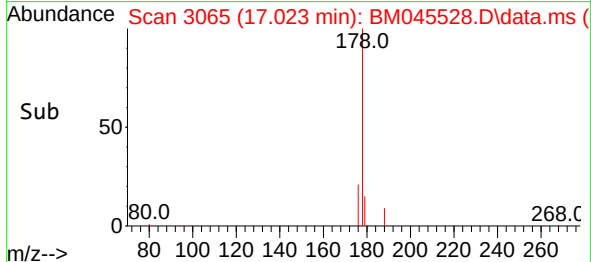
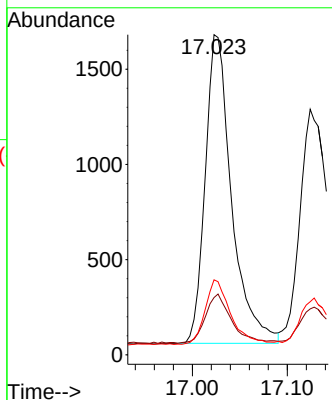
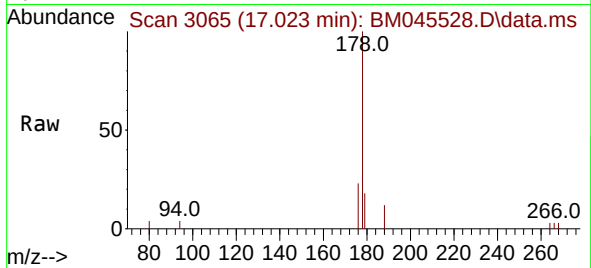




#15
Phenanthrene
Concen: 0.361 ng/u1
RT: 17.023 min Scan# 3066
Delta R.T. 0.001 min
Lab File: BM045528.D
Acq: 24 Apr 2024 14:57

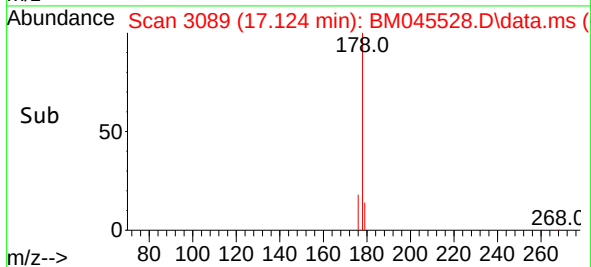
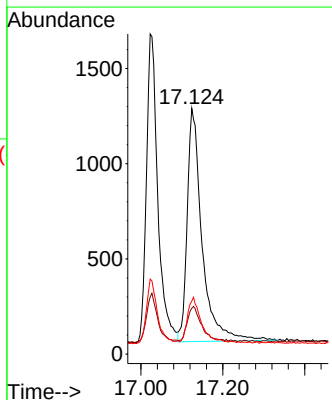
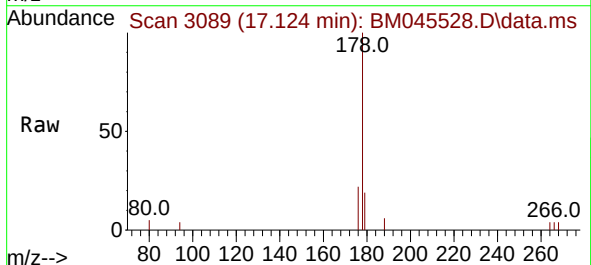
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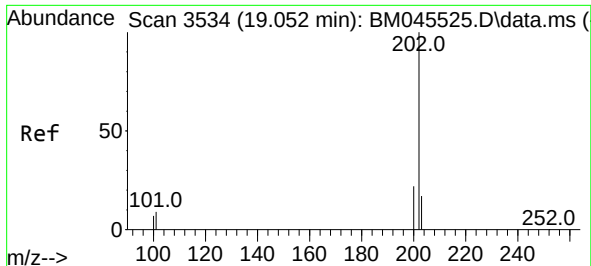
Tgt Ion:	178	Resp:	3137
Ion	Ratio	Lower	Upper
178	100		
179	17.9	15.4	23.2
176	23.4	19.0	28.4



#16
Anthracene
Concen: 0.380 ng/u1
RT: 17.124 min Scan# 3089
Delta R.T. 0.005 min
Lab File: BM045528.D
Acq: 24 Apr 2024 14:57

Tgt Ion:	178	Resp:	3084
Ion	Ratio	Lower	Upper
178	100		
179	18.7	17.8	26.6
176	21.6	18.7	28.1

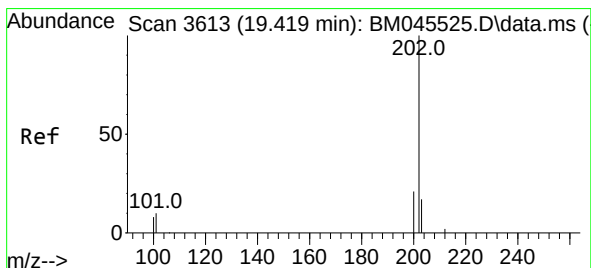
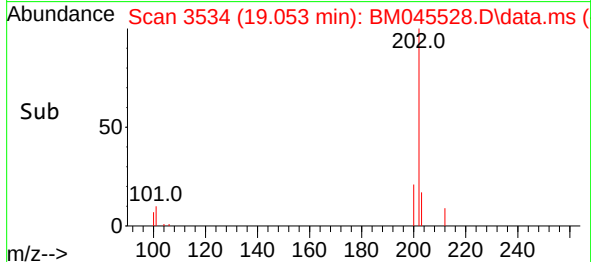
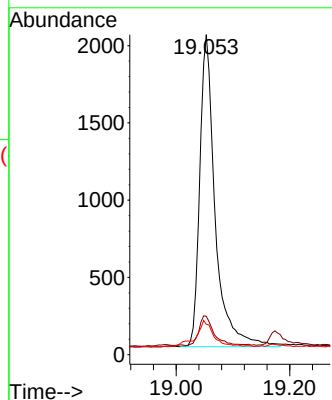
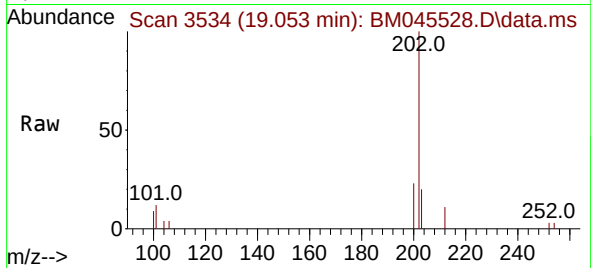




#19
Fluoranthene
Concen: 0.323 ng/ul
RT: 19.053 min Scan# 3534
Delta R.T. 0.006 min
Lab File: BM045528.D
Acq: 24 Apr 2024 14:57

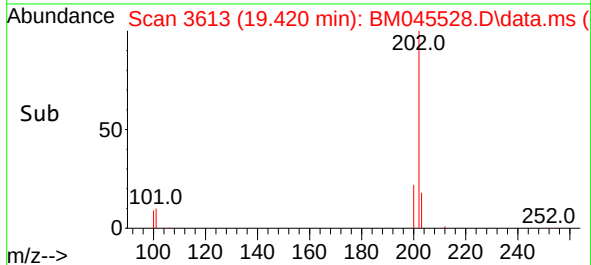
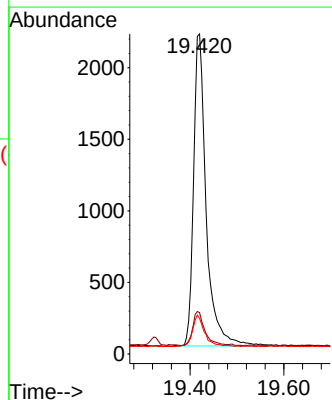
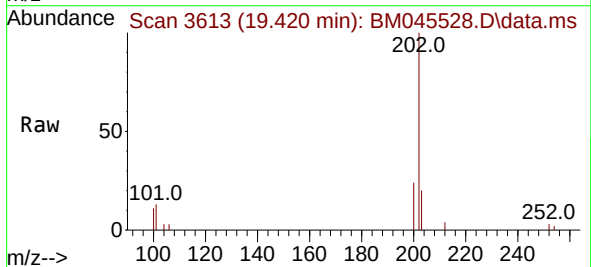
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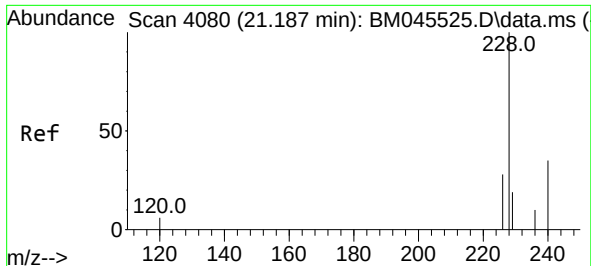
Tgt Ion:202 Resp: 3803
Ion Ratio Lower Upper
202 100
101 12.0 11.2 16.8
100 9.5 9.1 13.7



#20
Pyrene
Concen: 0.338 ng/ul
RT: 19.420 min Scan# 3613
Delta R.T. 0.006 min
Lab File: BM045528.D
Acq: 24 Apr 2024 14:57

Tgt Ion:202 Resp: 4081
Ion Ratio Lower Upper
202 100
101 13.0 11.5 17.3
100 11.1 10.6 15.8

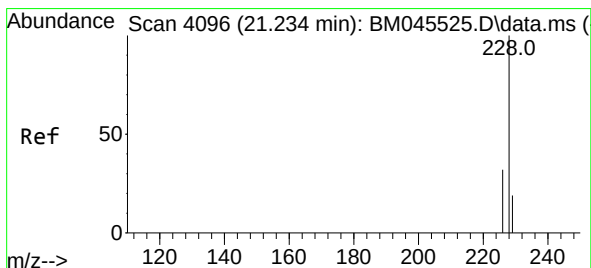
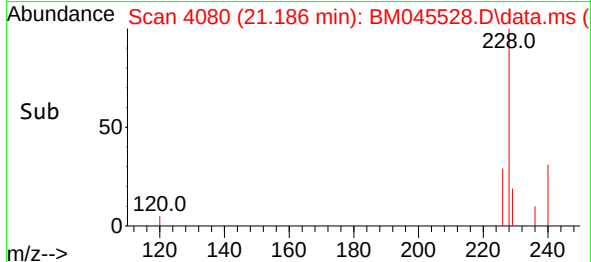
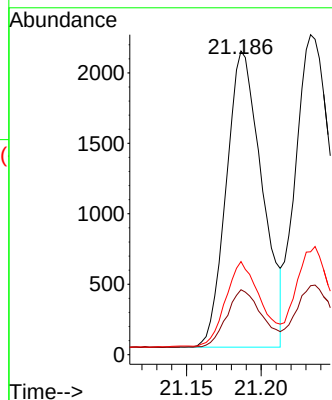
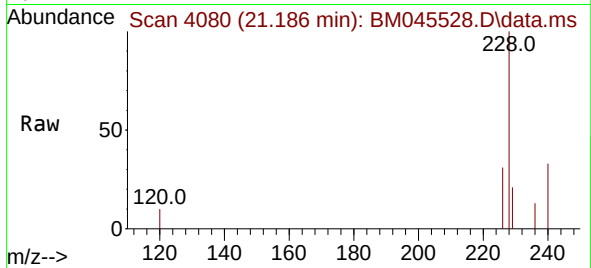




#21
Benzo(a)anthracene
Concen: 0.430 ng/ul
RT: 21.186 min Scan# 4080
Delta R.T. 0.005 min
Lab File: BM045528.D
Acq: 24 Apr 2024 14:57

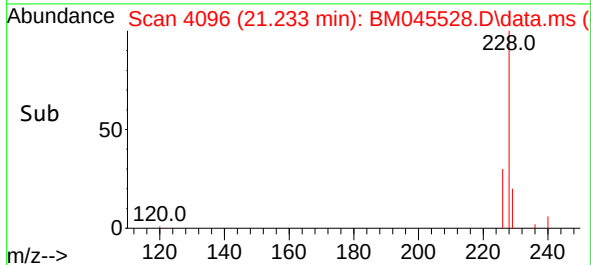
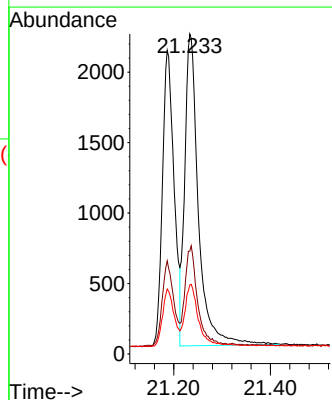
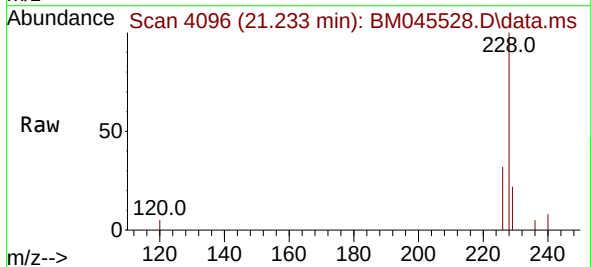
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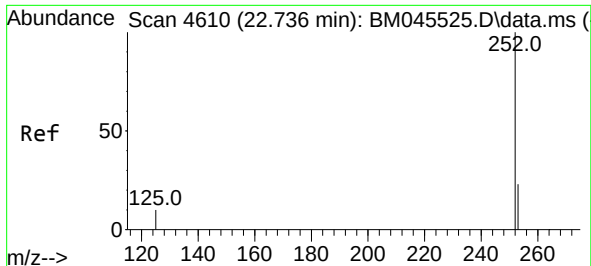
Tgt Ion:228 Resp: 3505
Ion Ratio Lower Upper
228 100
229 21.4 19.4 29.2
226 30.7 26.3 39.5



#22
Chrysene
Concen: 0.348 ng/ul
RT: 21.233 min Scan# 4096
Delta R.T. 0.005 min
Lab File: BM045528.D
Acq: 24 Apr 2024 14:57

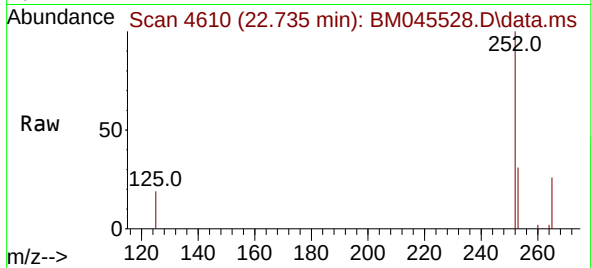
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Ion Ratio Lower Upper
228 100
226 32.1 26.3 39.5
229 21.6 17.8 26.8



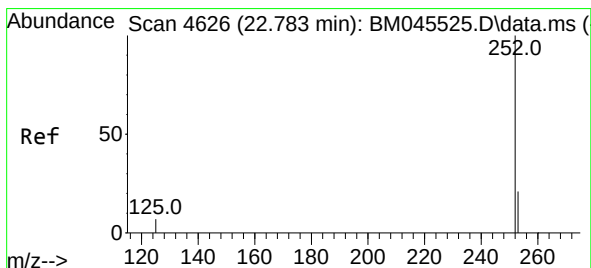
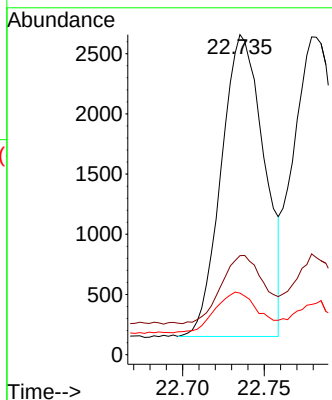


#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul
RT: 22.735 min Scan# 4610
Delta R.T. 0.005 min
Lab File: BM045528.D
Acq: 24 Apr 2024 14:57

Instrument :
BNA_M
ClientSampleId :
SLCS234

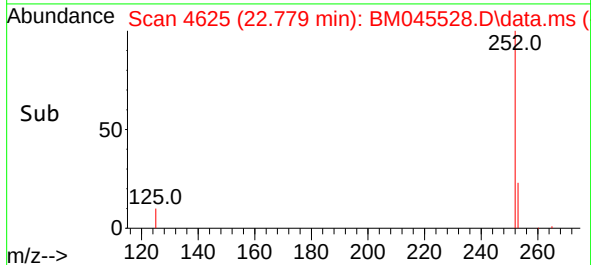
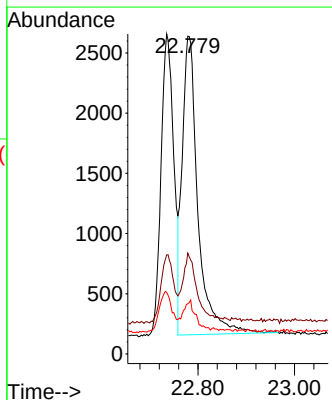
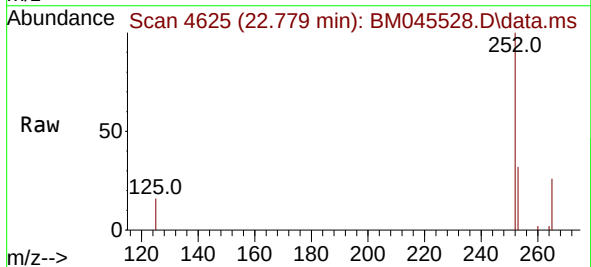


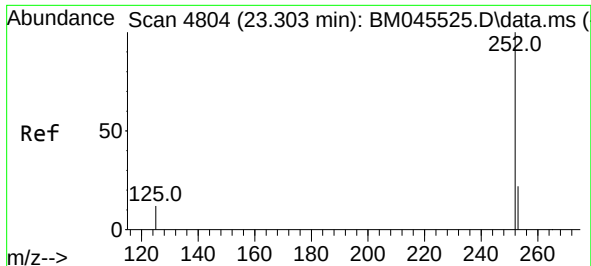
Tgt Ion:252 Resp: 4590
Ion Ratio Lower Upper
252 100
253 31.0 0.0 63.4
125 19.2 0.0 36.8



#25
Benzo(k)fluoranthene
Concen: 0.361 ng/ul
RT: 22.779 min Scan# 4625
Delta R.T. 0.008 min
Lab File: BM045528.D
Acq: 24 Apr 2024 14:57

Tgt Ion:252 Resp: 5594
Ion Ratio Lower Upper
252 100
253 31.7 25.4 38.0
125 15.8 14.8 22.2

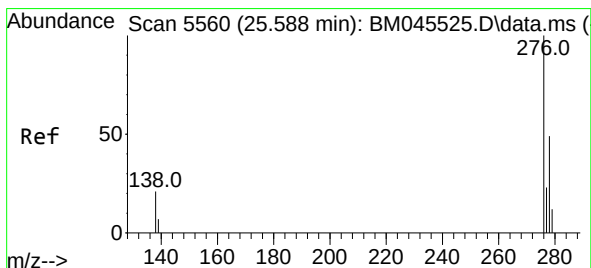
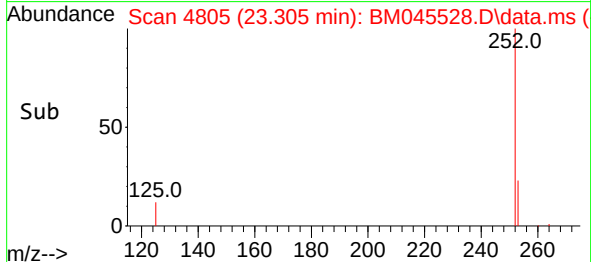
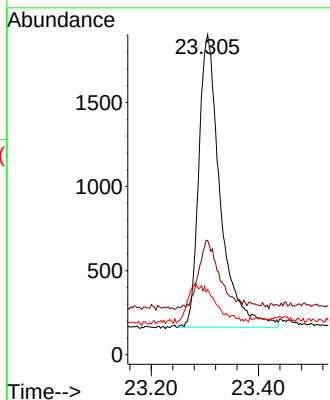
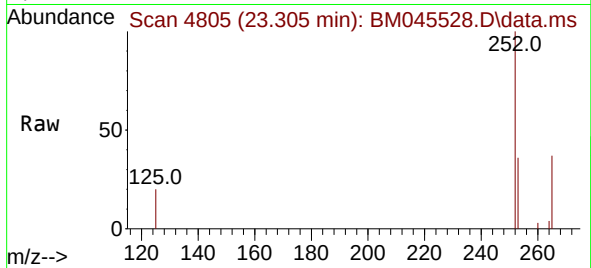




#26
Benzo(a)pyrene
Concen: 0.380 ng/ul
RT: 23.305 min Scan# 4805
Delta R.T. 0.014 min
Lab File: BM045528.D
Acq: 24 Apr 2024 14:57

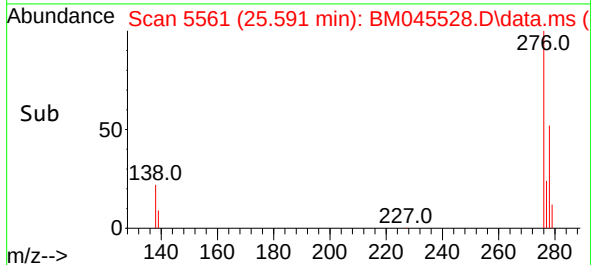
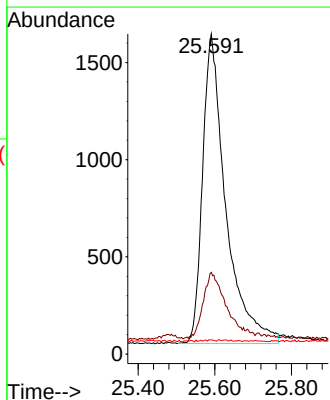
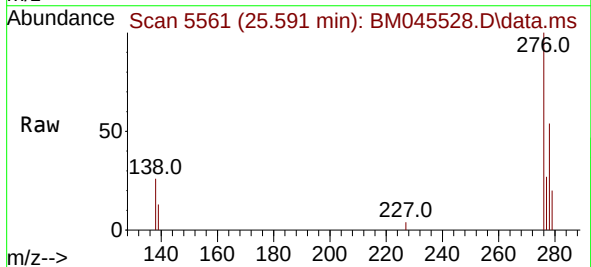
Instrument :
BNA_M
ClientSampleId :
SLCS234

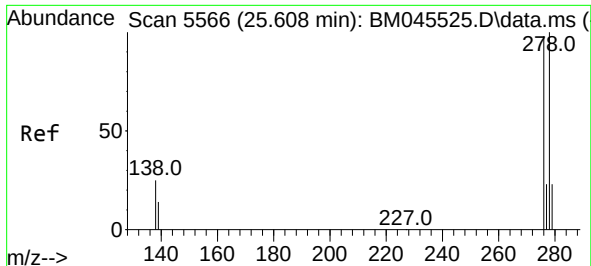
Tgt Ion:252 Resp: 4828
Ion Ratio Lower Upper
252 100
253 35.7 31.6 47.4
125 20.3 19.5 29.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.363 ng/ul
RT: 25.591 min Scan# 5561
Delta R.T. 0.019 min
Lab File: BM045528.D
Acq: 24 Apr 2024 14:57

Tgt Ion:276 Resp: 6701
Ion Ratio Lower Upper
276 100
138 21.2 19.8 29.6
227 0.1 0.2 0.2#

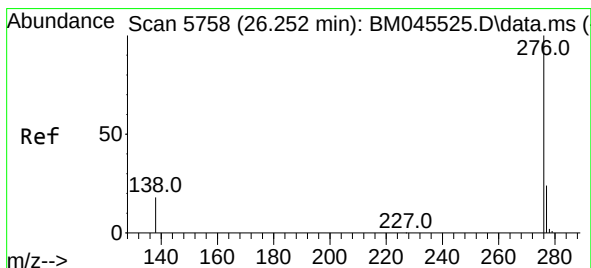
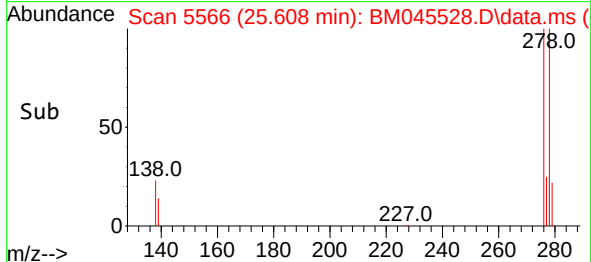
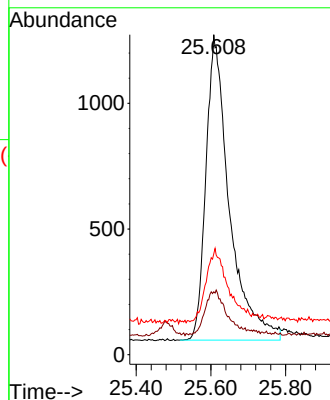
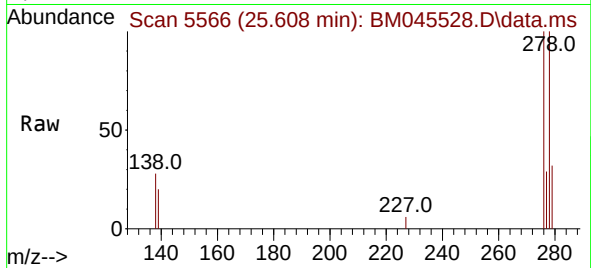




#28
Dibenzo(a,h)anthracene
Concen: 0.360 ng/ul
RT: 25.608 min Scan# 51
Delta R.T. 0.019 min
Lab File: BM045528.D
Acq: 24 Apr 2024 14:57

Instrument :
BNA_M
ClientSampleId :
SLCS234

Tgt Ion:278 Resp: 5269
Ion Ratio Lower Upper
278 100
139 19.6 19.0 28.6
279 31.6 29.4 44.2



#29
Benzo(g,h,i)perylene
Concen: 0.338 ng/ul
RT: 26.255 min Scan# 5759
Delta R.T. 0.019 min
Lab File: BM045528.D
Acq: 24 Apr 2024 14:57

Tgt Ion:276 Resp: 5618
Ion Ratio Lower Upper
276 100
138 24.4 20.8 31.2
277 25.8 21.8 32.8

