

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
 Data File : BM042187.D
 Acq On : 04 Oct 2023 14:14
 Operator : MA/JU
 Sample : PB155824BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS824

Quant Time: Oct 05 01:53:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 02 19:28:41 2023
 Response via : Initial Calibration

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

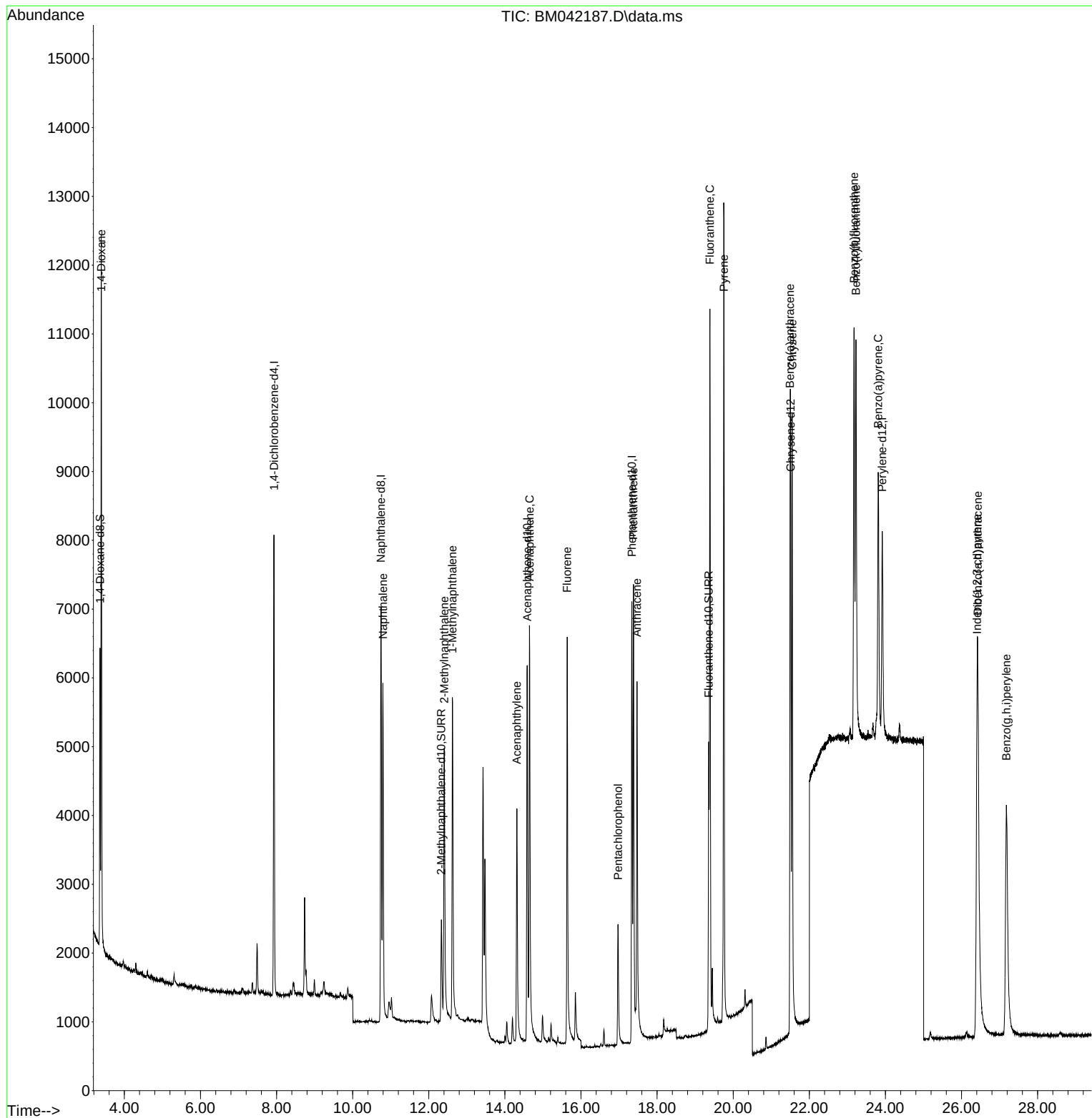
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	3428	0.400	ng/ul	0.00
4) Naphthalene-d8	10.746	136	8749	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.587	164	3548	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	7574	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	4632	0.400	ng/ul	# 0.00
23) Perylene-d12	23.918	264	4646	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	2295	0.503	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	2583	0.215	ng/ul	0.00
18) Fluoranthene-d10	19.357	212	4023	0.231	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	5967	1.252	ng/ul#	81
5) Naphthalene	10.795	128	6909	0.237	ng/ul	99
7) 2-Methylnaphthalene	12.407	142	3801	0.217	ng/ul	95
8) 1-Methylnaphthalene	12.621	142	3863	0.219	ng/ul	99
10) Acenaphthylene	14.314	152	5232	0.233	ng/ul	96
11) Acenaphthene	14.647	153	4221	0.249	ng/ul	99
12) Fluorene	15.637	166	4667	0.244	ng/ul	96
14) Pentachlorophenol	16.974	266	1478	0.430	ng/ul	99
15) Phenanthrene	17.379	178	7759	0.248	ng/ul	99
16) Anthracene	17.472	178	6645	0.233	ng/ul	97
19) Fluoranthene	19.389	202	9612	0.273	ng/ul	95
20) Pyrene	19.757	202	10364	0.277	ng/ul	95
21) Benzo(a)anthracene	21.495	228	7739	0.259	ng/ul	99
22) Chrysene	21.550	228	8551	0.294	ng/ul	99
24) Benzo(b)fluoranthene	23.175	252	8595	0.314	ng/ul	87
25) Benzo(k)fluoranthene	23.225	252	8541	0.317	ng/ul#	87
26) Benzo(a)pyrene	23.810	252	7069	0.299	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.408	276	10054	0.300	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.428	278	7363	0.292	ng/ul#	89
29) Benzo(g,h,i)perylene	27.179	276	8848	0.316	ng/ul	93

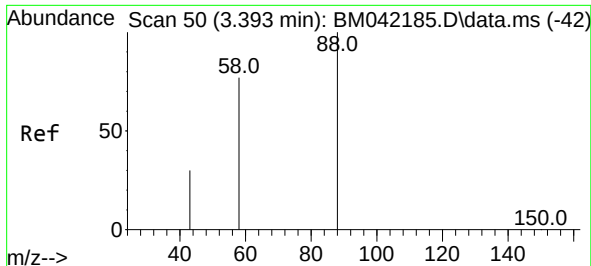
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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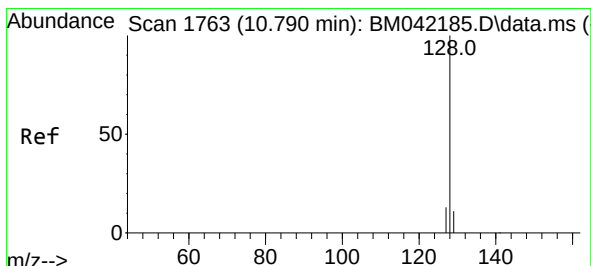
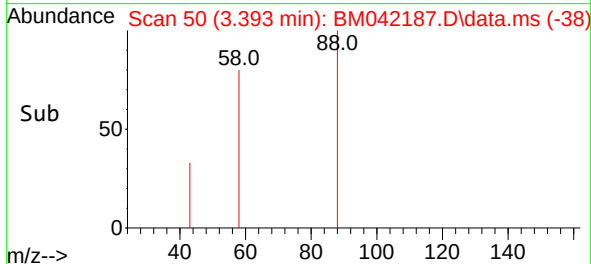
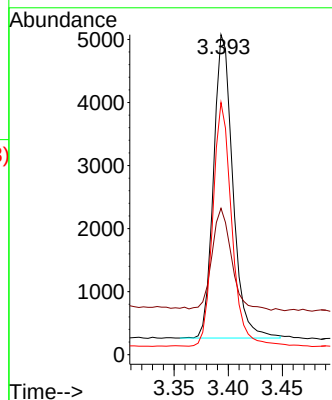
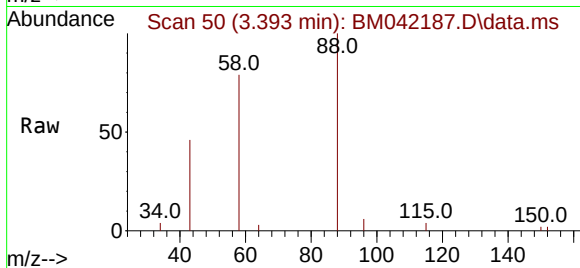




#2
1,4-Dioxane
Concen: 1.252 ng/ul
RT: 3.393 min Scan# 50
Delta R.T. -0.009 min
Lab File: BM042187.D
Acq: 04 Oct 2023 14:14

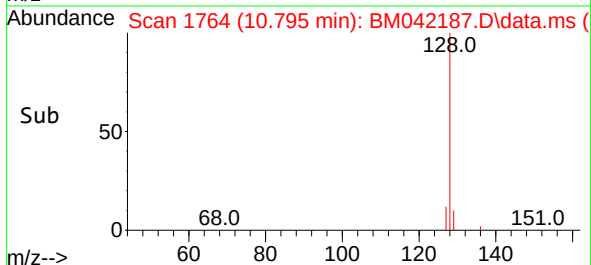
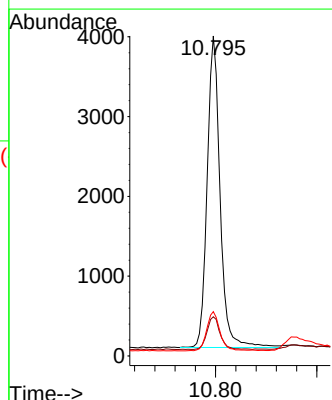
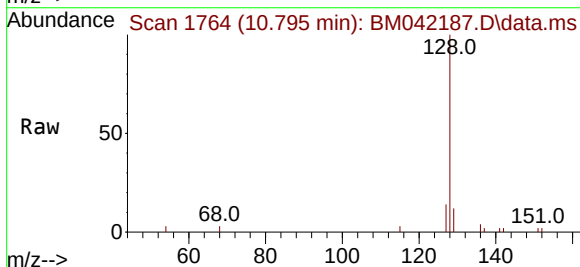
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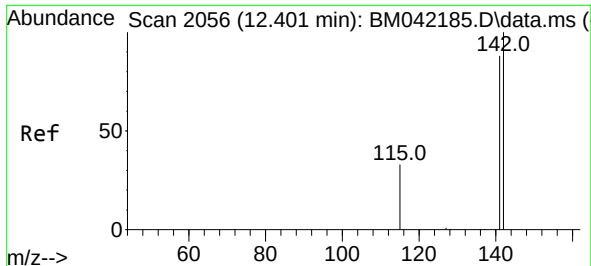
Tgt Ion: 88 Resp: 5967
Ion Ratio Lower Upper
88 100
43 45.7 52.1 78.1#
58 78.8 53.8 80.6



#5
Naphthalene
Concen: 0.237 ng/ul
RT: 10.795 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BM042187.D
Acq: 04 Oct 2023 14:14

Tgt Ion: 128 Resp: 6909
Ion Ratio Lower Upper
128 100
129 12.3 9.4 14.2
127 13.8 11.0 16.4

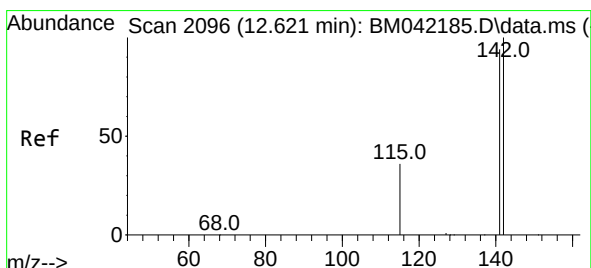
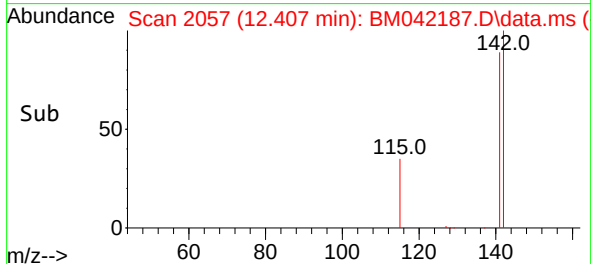
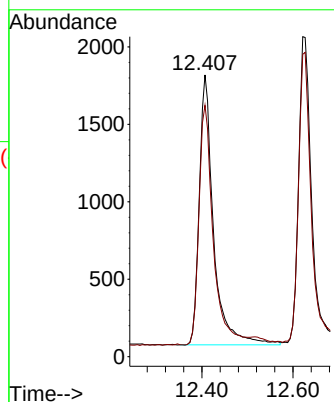
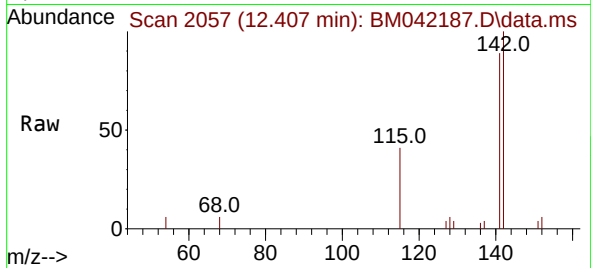




#7
2-Methylnaphthalene
Concen: 0.217 ng/ul
RT: 12.407 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BM042187.D
Acq: 04 Oct 2023 14:14

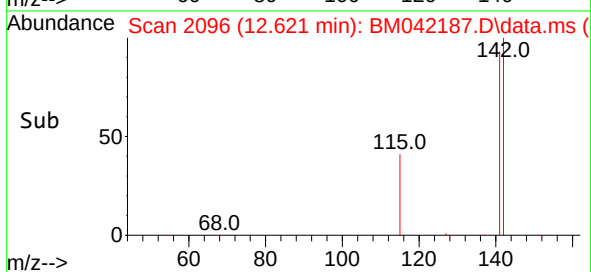
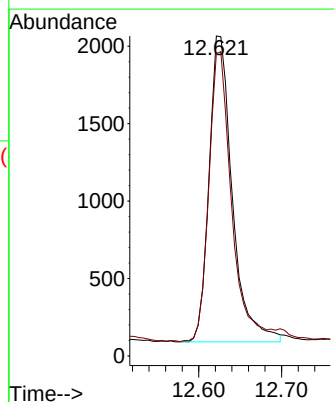
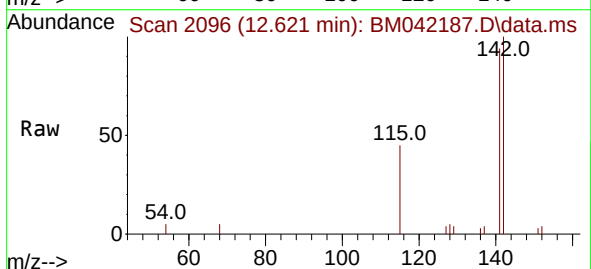
Instrument :
BNA_M
ClientSampleId :
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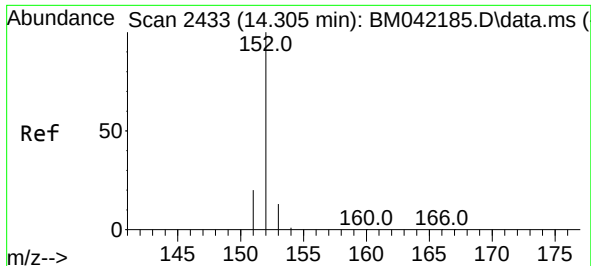
Tgt Ion:142 Resp: 3801
Ion Ratio Lower Upper
142 100
141 92.9 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.219 ng/ul
RT: 12.621 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BM042187.D
Acq: 04 Oct 2023 14:14

Tgt Ion:142 Resp: 3863
Ion Ratio Lower Upper
142 100
141 93.1 73.5 110.3

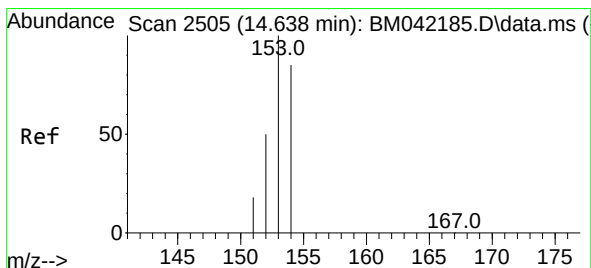
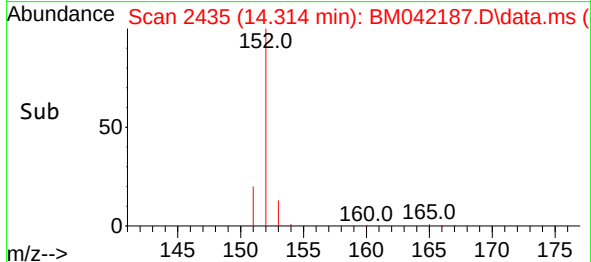
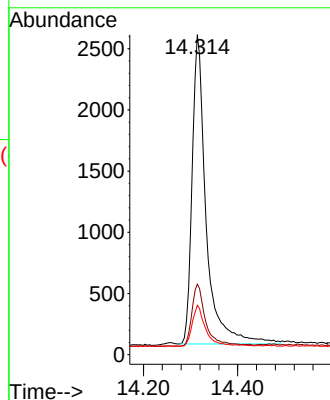
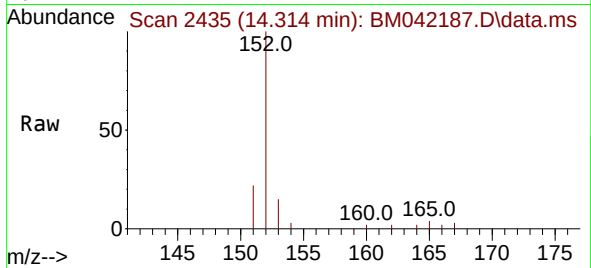




#10
Acenaphthylene
Concen: 0.233 ng/ul
RT: 14.314 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BM042187.D
Acq: 04 Oct 2023 14:14

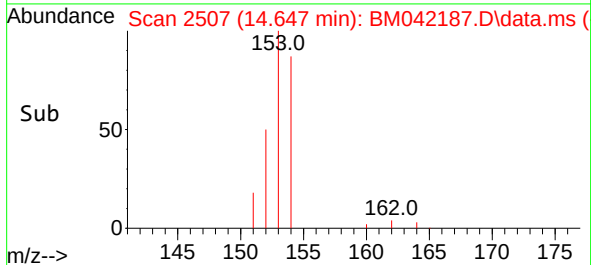
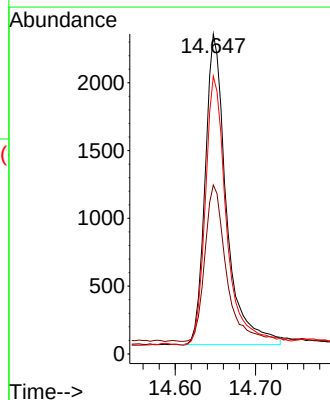
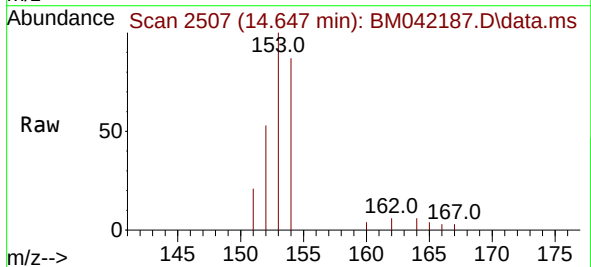
Instrument :
BNA_M
ClientSampleId :
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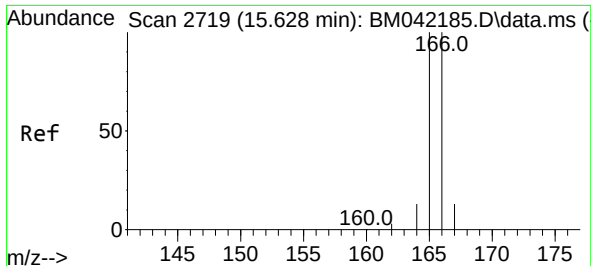
Tgt Ion:152 Resp: 5232
Ion Ratio Lower Upper
152 100
151 22.1 16.4 24.6
153 15.4 10.9 16.3



#11
Acenaphthene
Concen: 0.249 ng/ul
RT: 14.647 min Scan# 2507
Delta R.T. -0.000 min
Lab File: BM042187.D
Acq: 04 Oct 2023 14:14

Tgt Ion:153 Resp: 4221
Ion Ratio Lower Upper
153 100
152 52.8 41.1 61.7
154 86.8 69.5 104.3

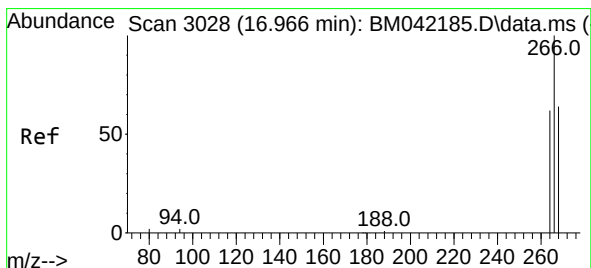
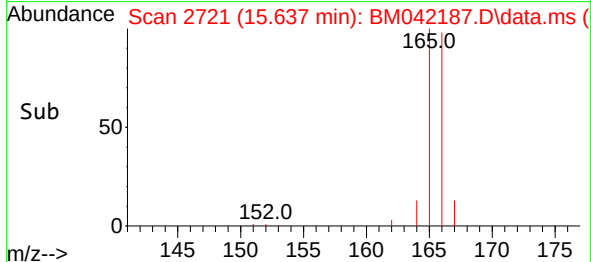
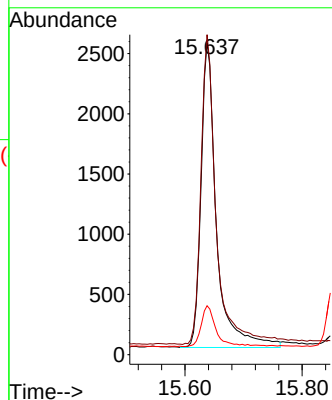
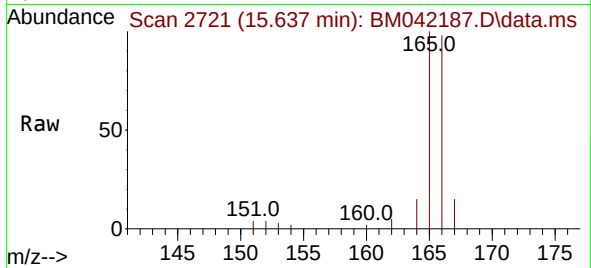




#12
Fluorene
Concen: 0.244 ng/ul
RT: 15.637 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042187.D
Acq: 04 Oct 2023 14:14

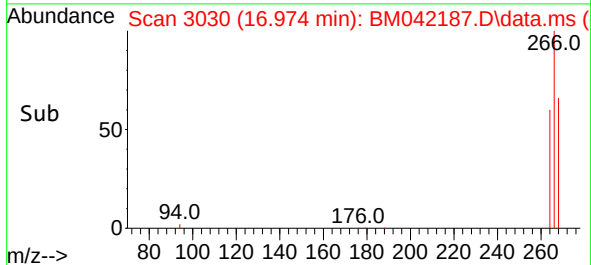
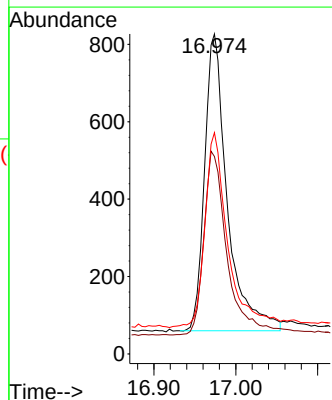
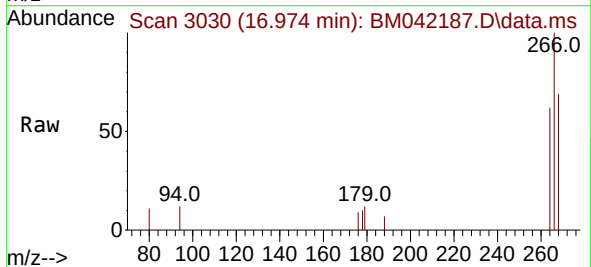
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ClientSampleId :
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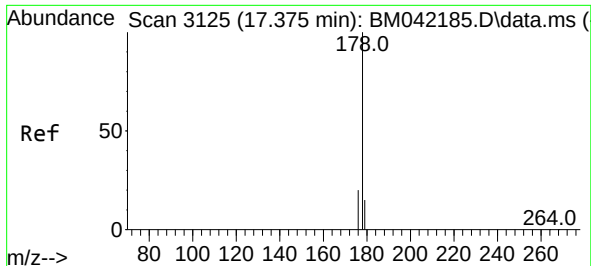
Tgt Ion:166	Resp:	4667
Ion Ratio	Lower	Upper
166	100	
165	102.5	78.4 117.6
167	15.7	11.5 17.3



#14
Pentachlorophenol
Concen: 0.430 ng/ul
RT: 16.974 min Scan# 3030
Delta R.T. -0.004 min
Lab File: BM042187.D
Acq: 04 Oct 2023 14:14

Tgt Ion:266	Resp:	1478
Ion Ratio	Lower	Upper
266	100	
264	63.5	51.1 76.7
268	66.5	52.1 78.1

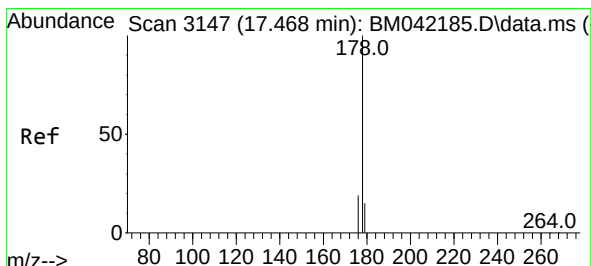
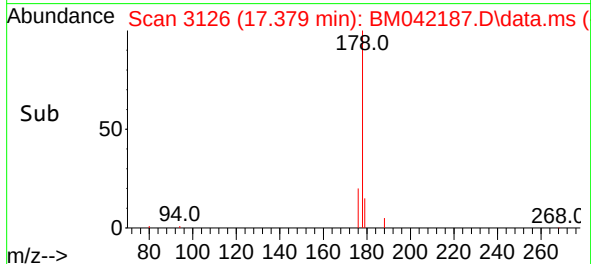
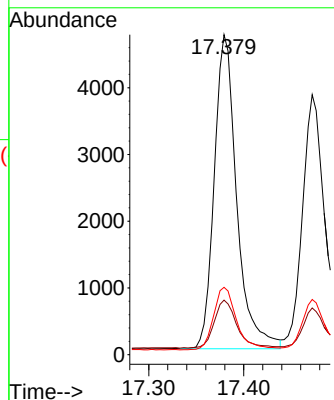
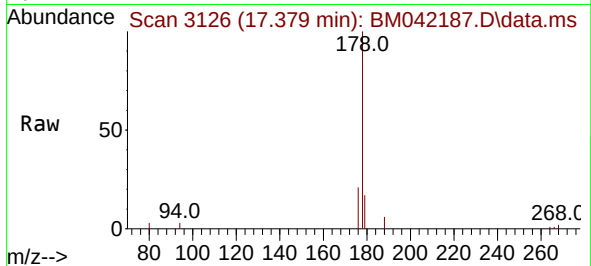




#15
Phenanthrene
Concen: 0.248 ng/ul
RT: 17.379 min Scan# 3125
Delta R.T. -0.004 min
Lab File: BM042187.D
Acq: 04 Oct 2023 14:14

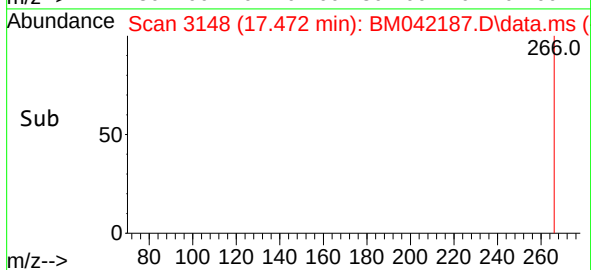
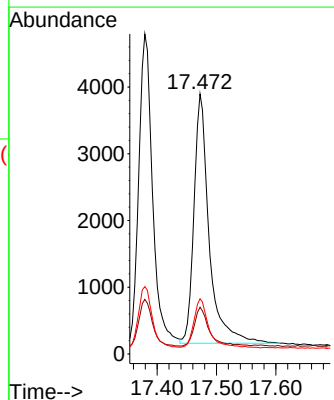
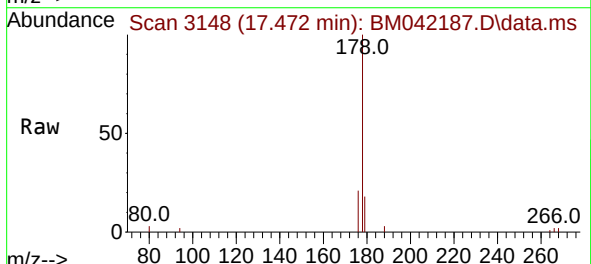
Instrument :
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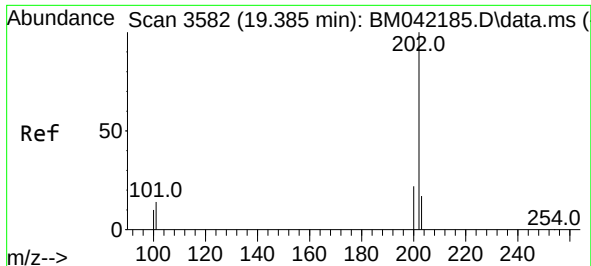
Tgt Ion:178	Resp:	7759
Ion Ratio	Lower	Upper
178	100	
179	17.0	13.0 19.4
176	21.1	16.8 25.2



#16
Anthracene
Concen: 0.233 ng/ul
RT: 17.472 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BM042187.D
Acq: 04 Oct 2023 14:14

Tgt Ion:178	Resp:	6645
Ion Ratio	Lower	Upper
178	100	
179	17.9	12.9 19.3
176	21.2	16.3 24.5

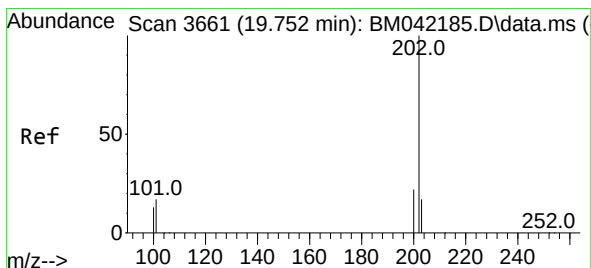
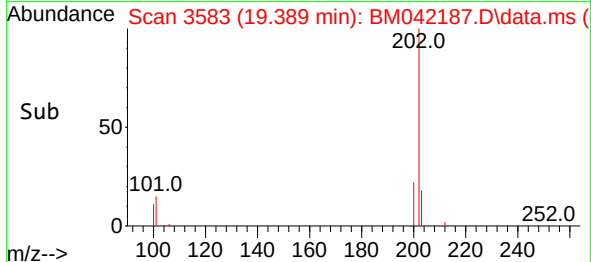
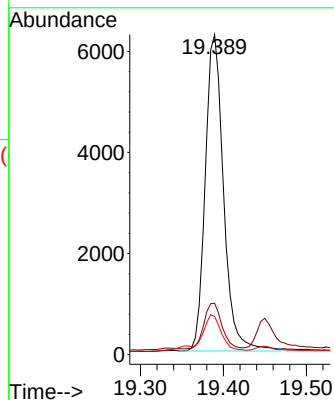
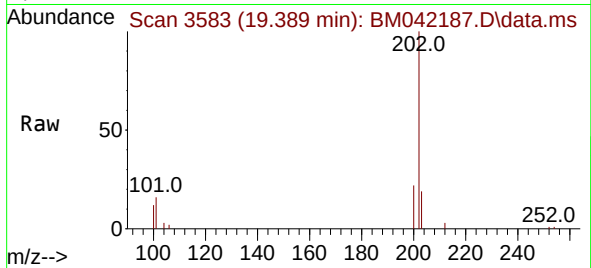




#19
Fluoranthene
Concen: 0.273 ng/ul
RT: 19.389 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BM042187.D
Acq: 04 Oct 2023 14:14

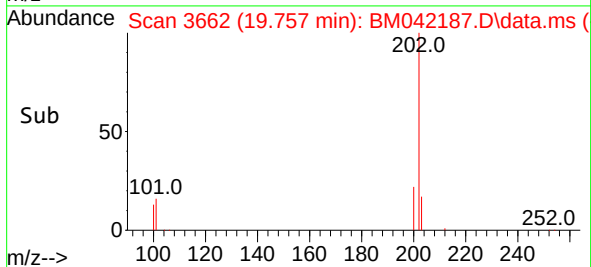
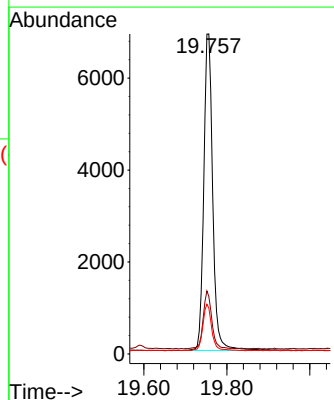
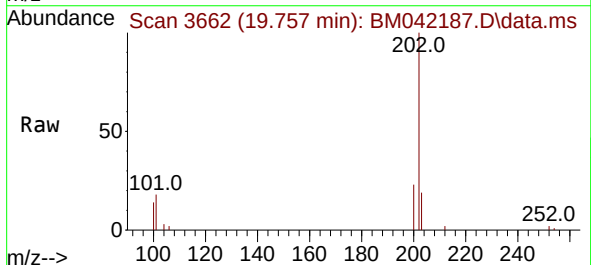
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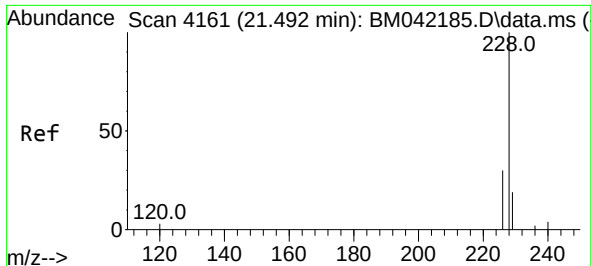
Tgt Ion:202 Resp: 9612
Ion Ratio Lower Upper
202 100
101 16.1 11.1 16.7
100 11.9 8.2 12.2



#20
Pyrene
Concen: 0.277 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BM042187.D
Acq: 04 Oct 2023 14:14

Tgt Ion:202 Resp: 10364
Ion Ratio Lower Upper
202 100
101 18.0 12.7 19.1
100 14.4 9.9 14.9

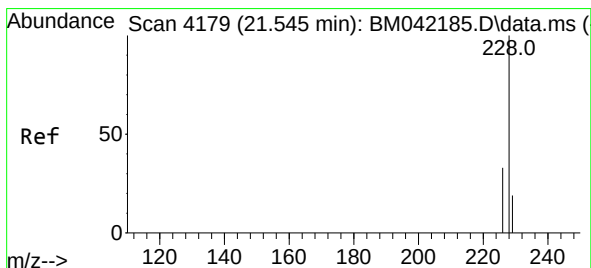
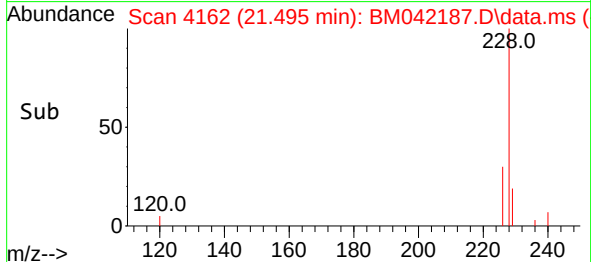
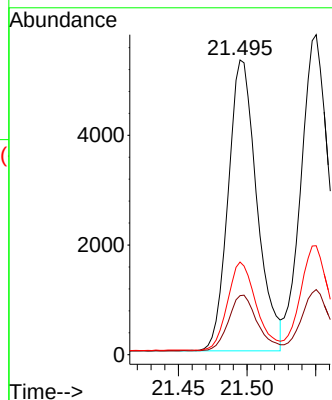
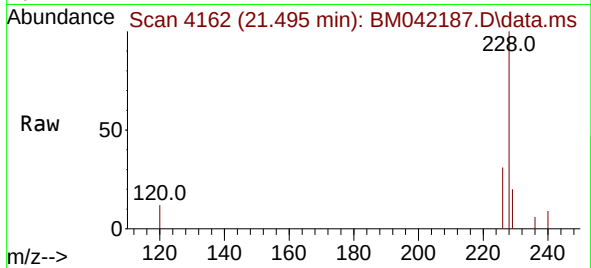




#21
Benzo(a)anthracene
Concen: 0.259 ng/ul
RT: 21.495 min Scan# 4161
Delta R.T. -0.003 min
Lab File: BM042187.D
Acq: 04 Oct 2023 14:14

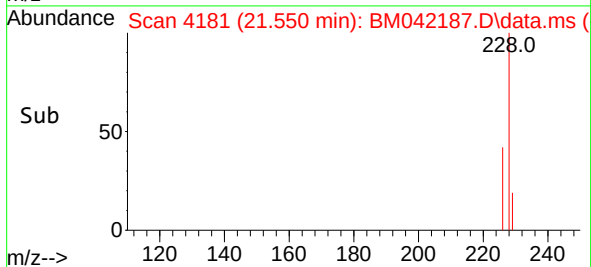
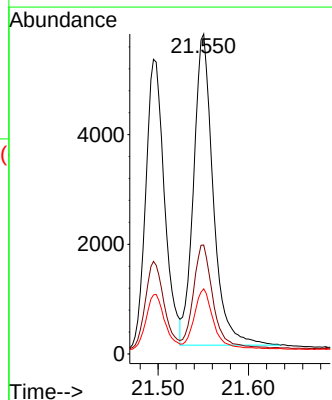
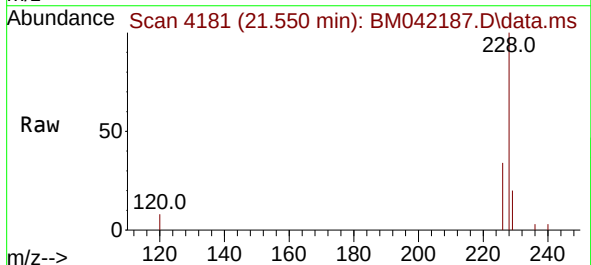
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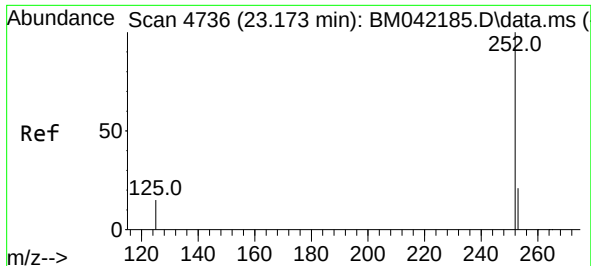
Tgt Ion:228 Resp: 7739
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.8
226 31.4 24.6 37.0



#22
Chrysene
Concen: 0.294 ng/ul
RT: 21.550 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM042187.D
Acq: 04 Oct 2023 14:14

Tgt Ion:228 Resp: 8551
Ion Ratio Lower Upper
228 100
226 34.1 26.7 40.1
229 20.3 15.8 23.8

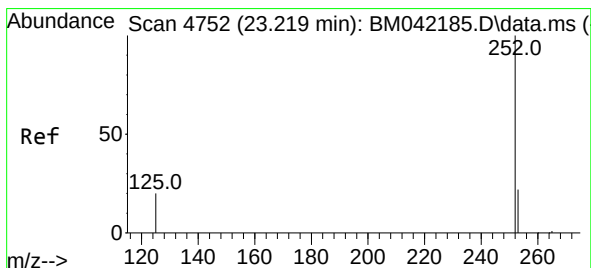
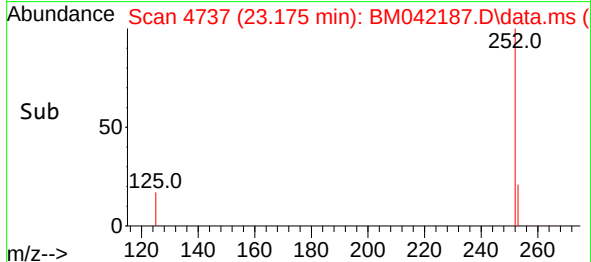
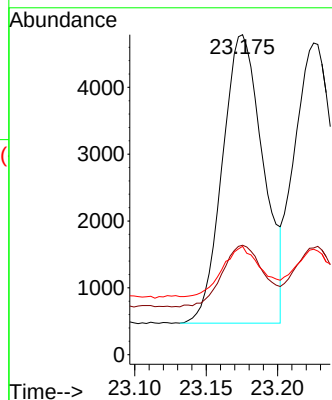
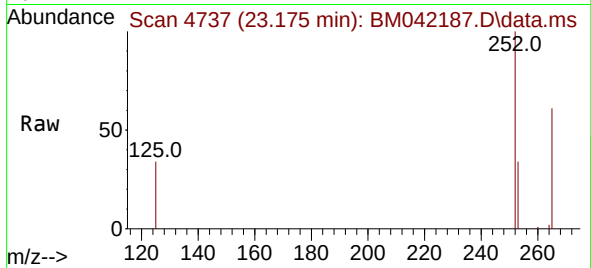




#24
Benzo(b)fluoranthene
Concen: 0.314 ng/ul
RT: 23.175 min Scan# 4736
Delta R.T. -0.003 min
Lab File: BM042187.D
Acq: 04 Oct 2023 14:14

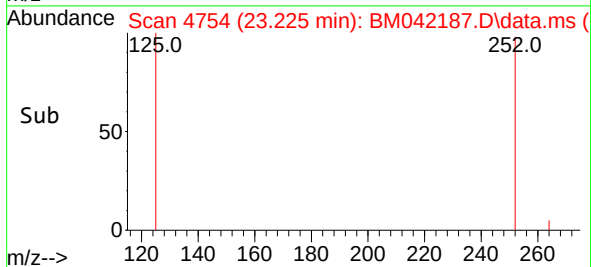
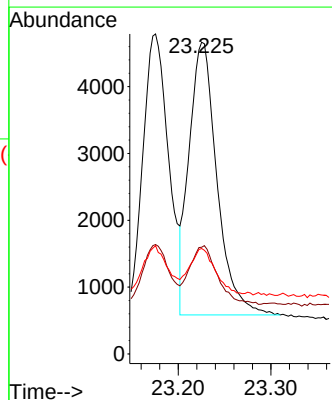
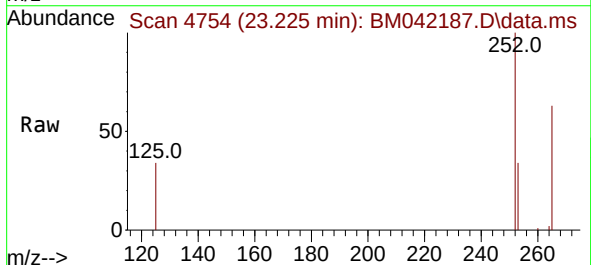
Instrument :
BNA_M
ClientSampleId :
SLCS824

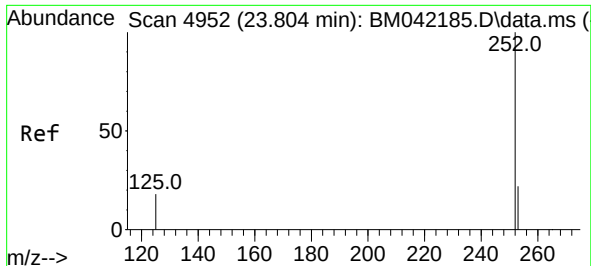
Tgt Ion:252 Resp: 8595
Ion Ratio Lower Upper
252 100
253 34.2 0.0 59.0
125 33.9 0.0 49.6



#25
Benzo(k)fluoranthene
Concen: 0.317 ng/ul
RT: 23.225 min Scan# 4754
Delta R.T. -0.003 min
Lab File: BM042187.D
Acq: 04 Oct 2023 14:14

Tgt Ion:252 Resp: 8541
Ion Ratio Lower Upper
252 100
253 34.2 23.4 35.0
125 33.8 19.9 29.9#

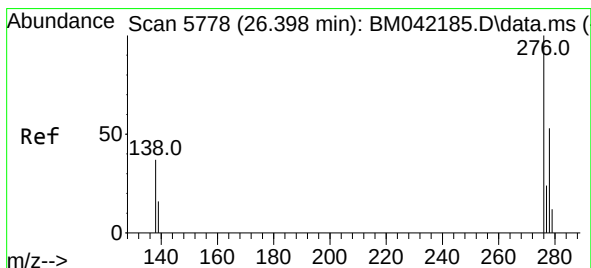
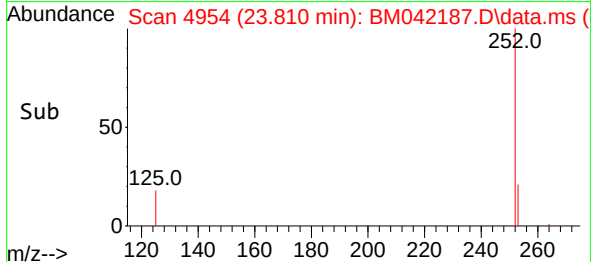
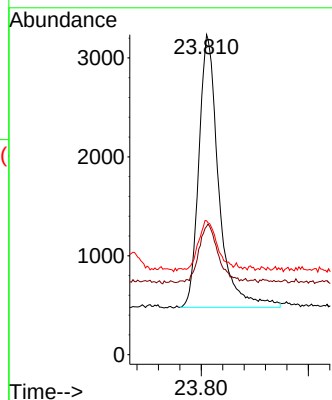
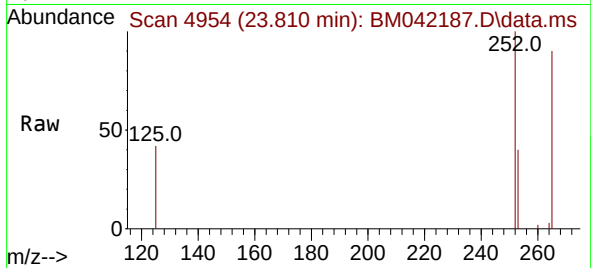




#26
Benzo(a)pyrene
Concen: 0.299 ng/ul
RT: 23.810 min Scan# 4954
Delta R.T. -0.006 min
Lab File: BM042187.D
Acq: 04 Oct 2023 14:14

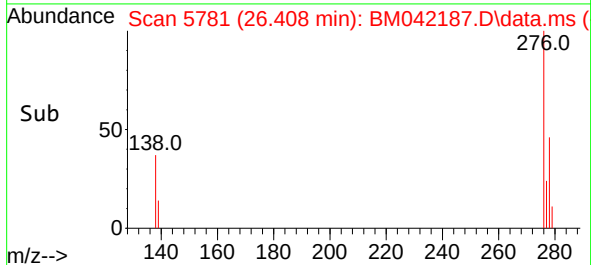
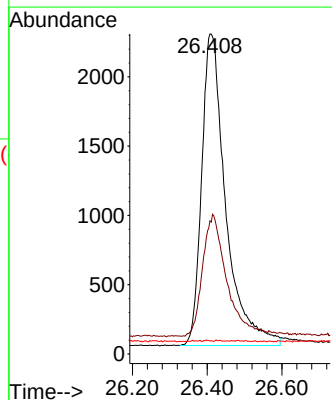
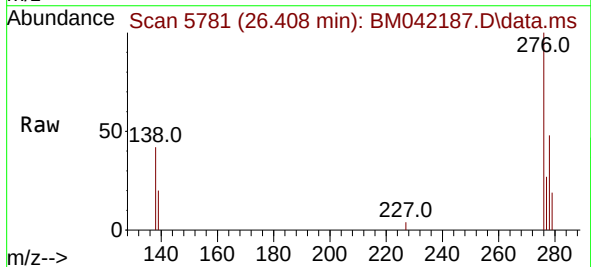
Instrument :
BNA_M
ClientSampleId :
SLCS824

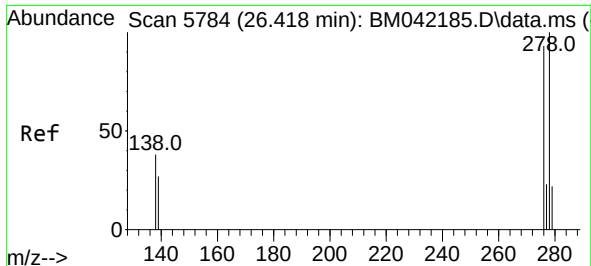
Tgt Ion:252 Resp: 7069
Ion Ratio Lower Upper
252 100
253 40.1 25.3 37.9#
125 41.9 23.2 34.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.300 ng/ul
RT: 26.408 min Scan# 5781
Delta R.T. -0.010 min
Lab File: BM042187.D
Acq: 04 Oct 2023 14:14

Tgt Ion:276 Resp: 10054
Ion Ratio Lower Upper
276 100
138 39.0 26.7 40.1
227 0.1 0.2 0.2#

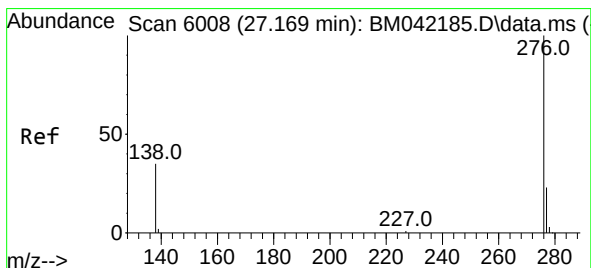
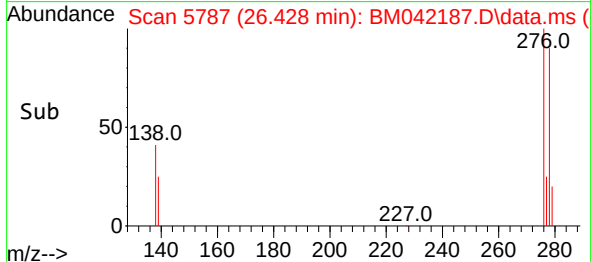
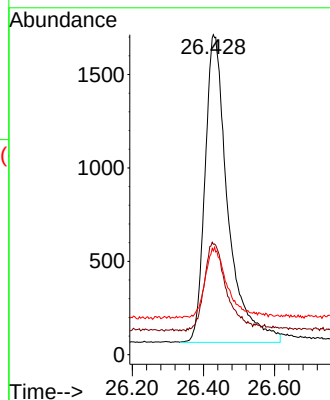
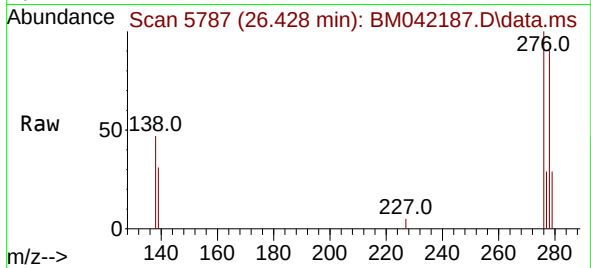




#28
Dibenzo(a,h)anthracene
Concen: 0.292 ng/ul
RT: 26.428 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM042187.D
Acq: 04 Oct 2023 14:14

Instrument :
BNA_M
ClientSampleId :
SLCS824

Tgt Ion:278 Resp: 7363
Ion Ratio Lower Upper
278 100
139 34.5 21.7 32.5#
279 32.4 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.316 ng/ul
RT: 27.179 min Scan# 6011
Delta R.T. -0.017 min
Lab File: BM042187.D
Acq: 04 Oct 2023 14:14

Tgt Ion:276 Resp: 8848
Ion Ratio Lower Upper
276 100
138 39.4 26.8 40.2
277 27.0 20.1 30.1

