

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061822\
 Data File : BM035523.D
 Acq On : 18 Jun 2022 16:25
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV049

Quant Time: Jun 20 02:02:24 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

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

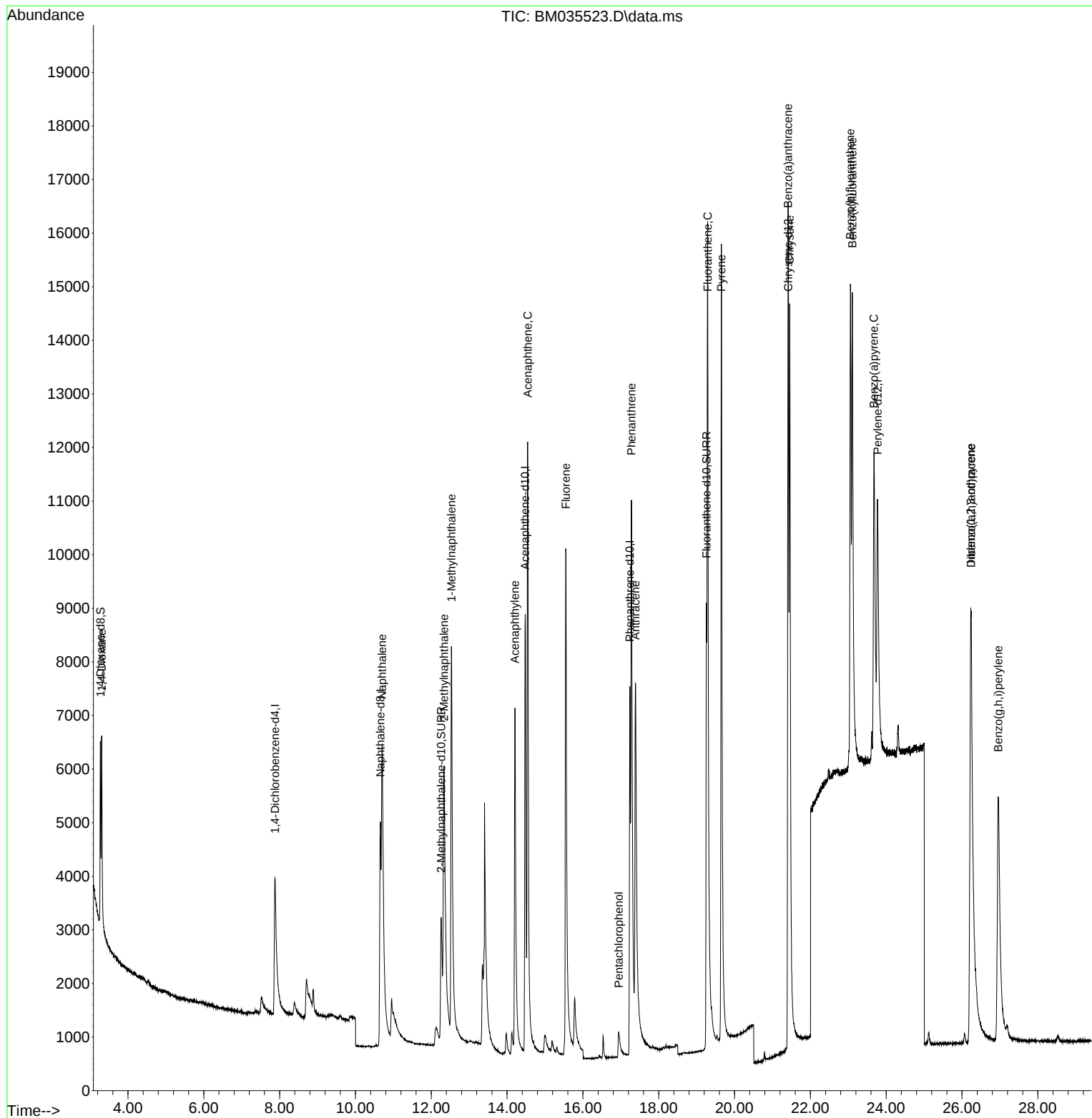
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	3357	0.400	ng/ul	0.02
4) Naphthalene-d8	10.655	136	12360	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.478	164	6390	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.237	188	12758	0.400	ng/ul	0.00
17) Chrysene-d12	21.418	240	10396	0.400	ng/ul	0.00
23) Perylene-d12	23.771	264	8828	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	2097	0.444	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	7059	0.384	ng/ul	0.02
18) Fluoranthene-d10	19.257	212	13678	0.392	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.306	88	2034	0.433	ng/ul#	77
5) Naphthalene	10.705	128	14468	0.346	ng/ul	99
7) 2-Methylnaphthalene	12.338	142	8283	0.346	ng/ul	99
8) 1-Methylnaphthalene	12.530	142	8540	0.389	ng/ul	98
10) Acenaphthylene	14.205	152	13058	0.363	ng/ul	99
11) Acenaphthene	14.543	153	9928	0.372	ng/ul	99
12) Fluorene	15.551	166	10953	0.363	ng/ul	100
14) Pentachlorophenol	16.946	266	746	0.305	ng/ul	99
15) Phenanthrene	17.280	178	16676	0.357	ng/ul	100
16) Anthracene	17.389	178	14287	0.349	ng/ul	100
19) Fluoranthene	19.289	202	19050	0.358	ng/ul	99
20) Pyrene	19.652	202	20531	0.369	ng/ul	100
21) Benzo(a)anthracene	21.409	228	12883	0.328	ng/ul	100
22) Chrysene	21.456	228	17684	0.378	ng/ul	99
24) Benzo(b)fluoranthene	23.055	252	14610	0.378	ng/ul	99
25) Benzo(k)fluoranthene	23.107	252	14630	0.365	ng/ul	100
26) Benzo(a)pyrene	23.677	252	14917	0.372	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.232	276	17007	0.368	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.242	278	13782	0.366	ng/ul	97
29) Benzo(g,h,i)perylene	26.957	276	15668	0.379	ng/ul	99

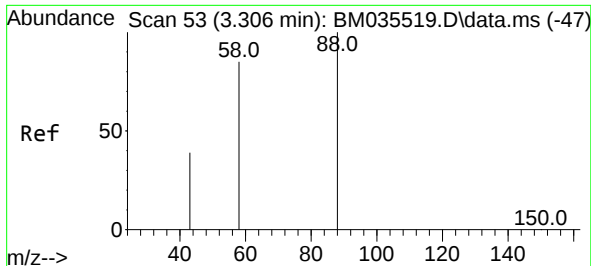
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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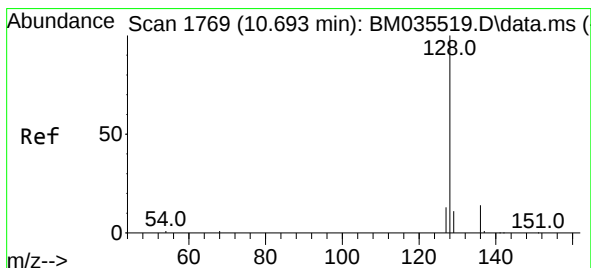
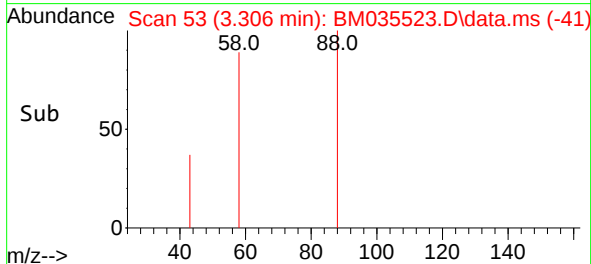
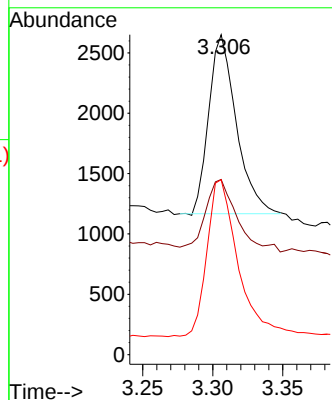
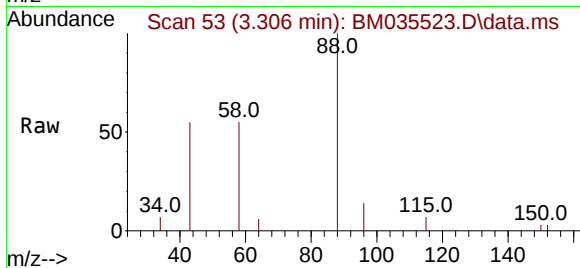




#2
1,4-Dioxane
Concen: 0.433 ng/ul
RT: 3.306 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM035523.D
Acq: 18 Jun 2022 16:25

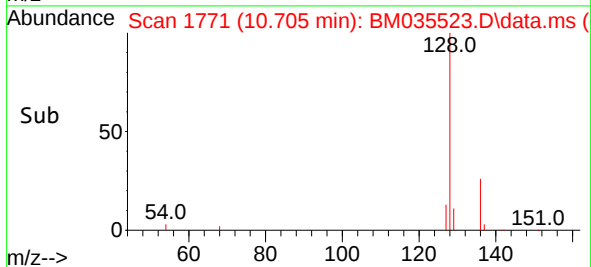
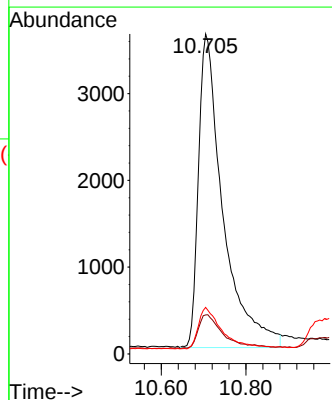
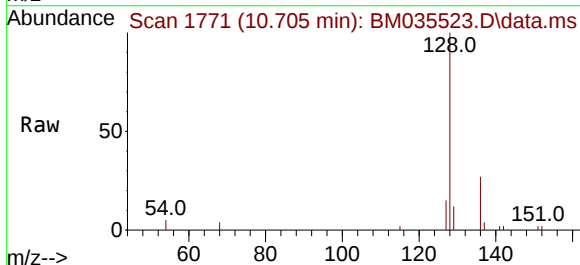
Instrument :
BNA_M
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SICV049

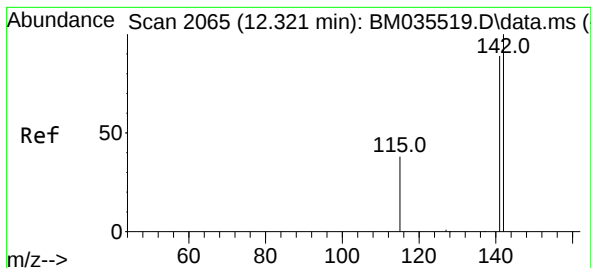
Tgt Ion: 88 Resp: 2034
Ion Ratio Lower Upper
88 100
43 54.7 70.4 105.6#
58 54.7 45.6 68.4



#5
Naphthalene
Concen: 0.346 ng/ul
RT: 10.705 min Scan# 1771
Delta R.T. 0.011 min
Lab File: BM035523.D
Acq: 18 Jun 2022 16:25

Tgt Ion: 128 Resp: 14468
Ion Ratio Lower Upper
128 100
129 12.2 10.1 15.1
127 14.6 11.4 17.2

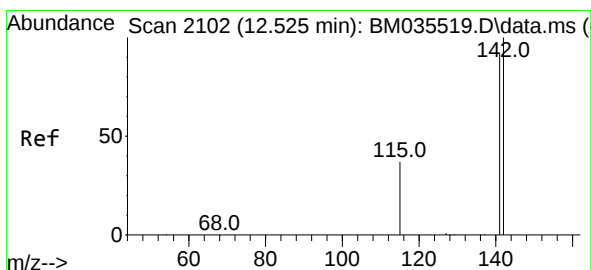
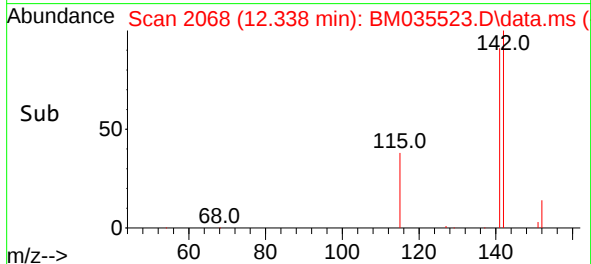
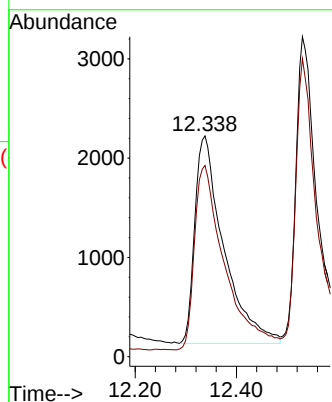
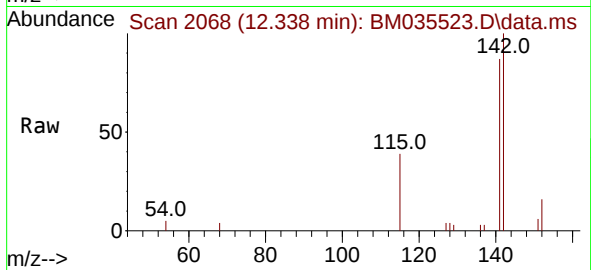




#7
2-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.338 min Scan# 2068
Delta R.T. 0.017 min
Lab File: BM035523.D
Acq: 18 Jun 2022 16:25

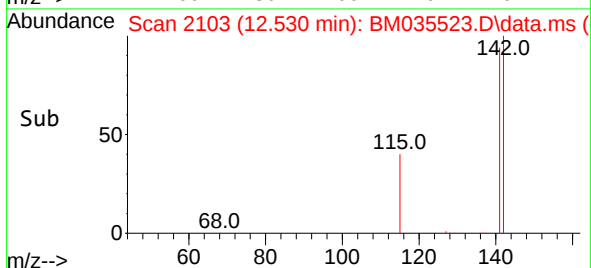
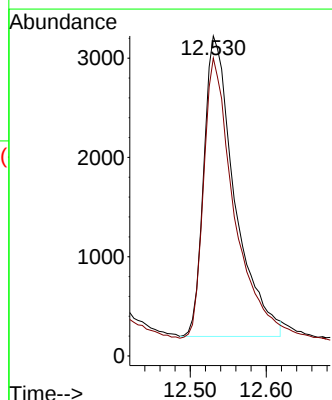
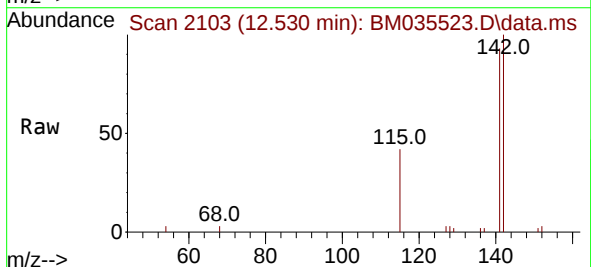
Instrument :
BNA_M
ClientSampleId :
SICV049

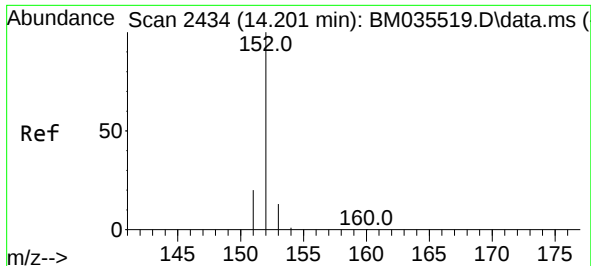
Tgt Ion:142 Resp: 8283
Ion Ratio Lower Upper
142 100
141 93.6 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.530 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BM035523.D
Acq: 18 Jun 2022 16:25

Tgt Ion:142 Resp: 8540
Ion Ratio Lower Upper
142 100
141 91.4 74.6 111.8

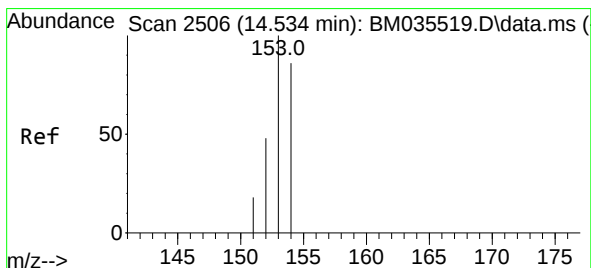
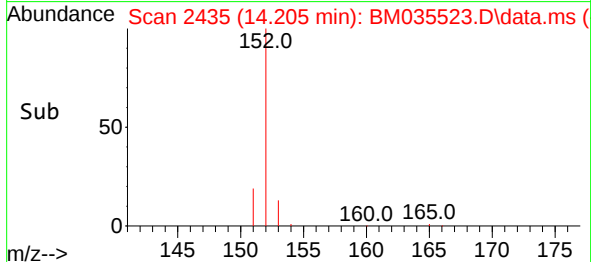
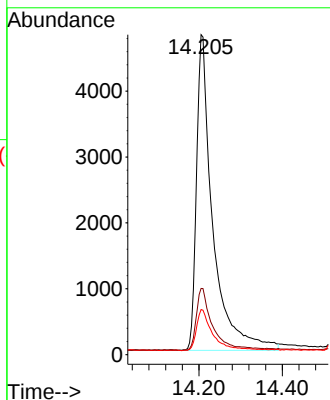
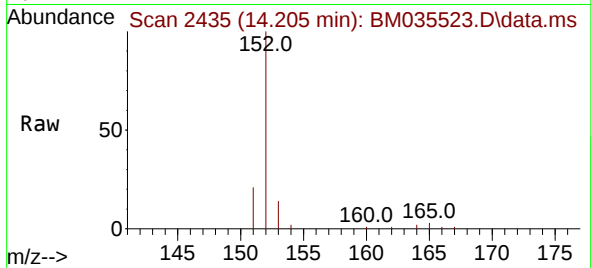




#10
Acenaphthylene
Concen: 0.363 ng/ul
RT: 14.205 min Scan# 2435
Delta R.T. 0.004 min
Lab File: BM035523.D
Acq: 18 Jun 2022 16:25

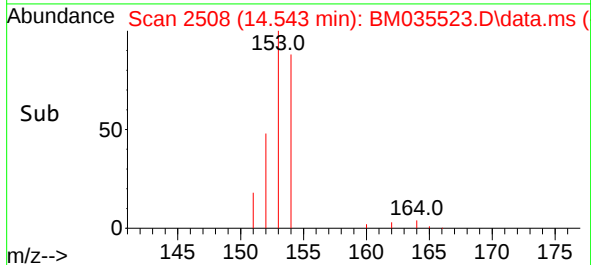
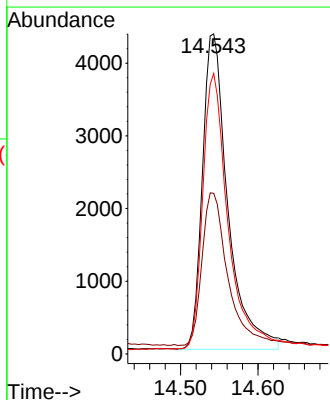
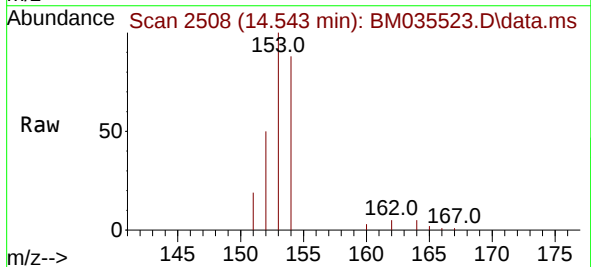
Instrument :
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ClientSampleId :
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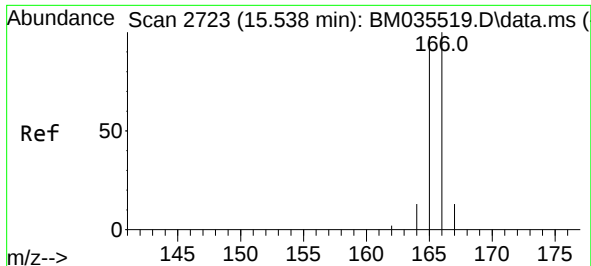
Tgt Ion:152 Resp: 13058
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 14.1 11.1 16.7



#11
Acenaphthene
Concen: 0.372 ng/ul
RT: 14.543 min Scan# 2508
Delta R.T. 0.008 min
Lab File: BM035523.D
Acq: 18 Jun 2022 16:25

Tgt Ion:153 Resp: 9928
Ion Ratio Lower Upper
153 100
152 50.2 40.0 60.0
154 87.7 69.1 103.7

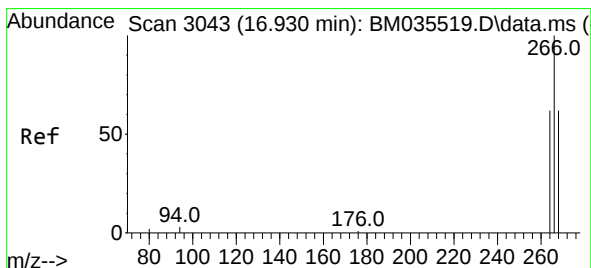
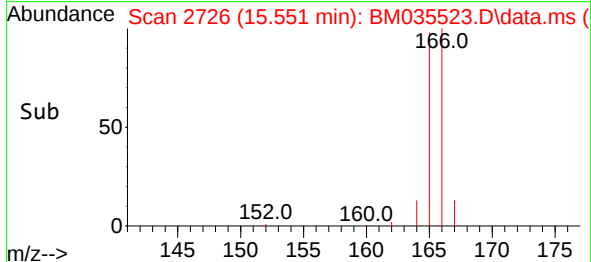
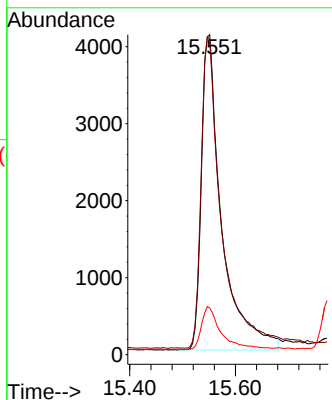
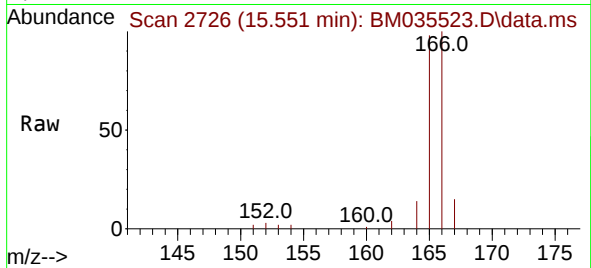




#12
Fluorene
Concen: 0.363 ng/ul
RT: 15.551 min Scan# 21
Delta R.T. 0.013 min
Lab File: BM035523.D
Acq: 18 Jun 2022 16:25

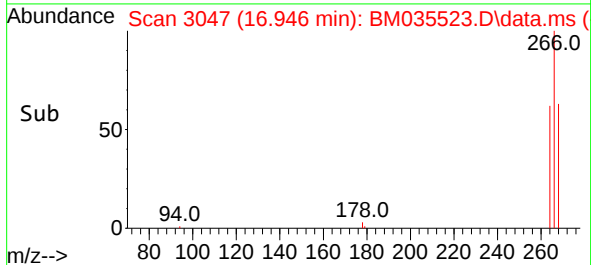
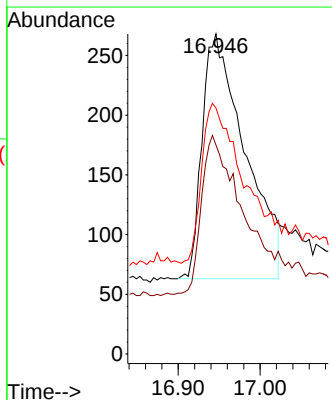
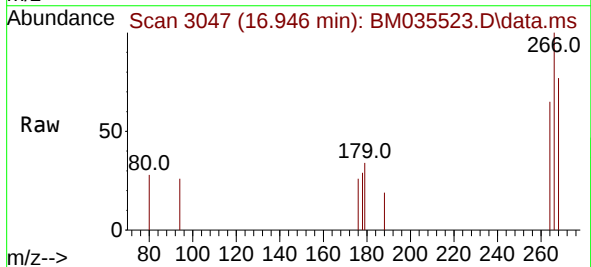
Instrument :
BNA_M
ClientSampleId :
SICV049

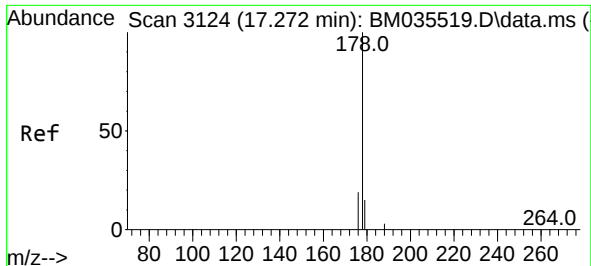
Tgt Ion:166 Resp: 10953
Ion Ratio Lower Upper
166 100
165 98.5 78.7 118.1
167 14.6 11.6 17.4



#14
Pentachlorophenol
Concen: 0.305 ng/ul
RT: 16.946 min Scan# 3047
Delta R.T. 0.016 min
Lab File: BM035523.D
Acq: 18 Jun 2022 16:25

Tgt Ion:266 Resp: 746
Ion Ratio Lower Upper
266 100
264 62.1 51.0 76.4
268 64.3 51.7 77.5

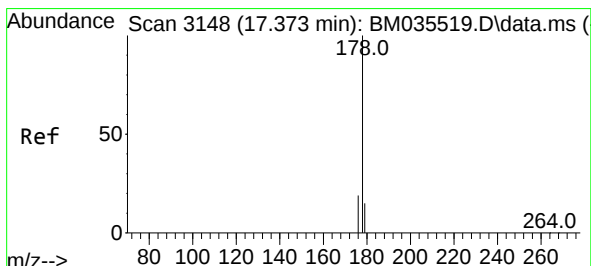
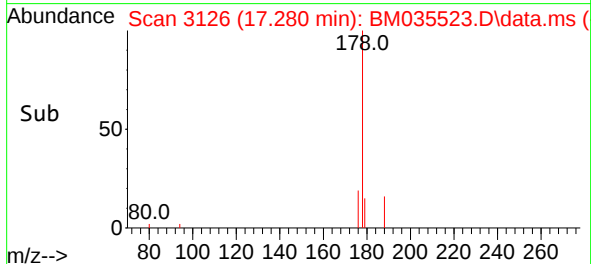
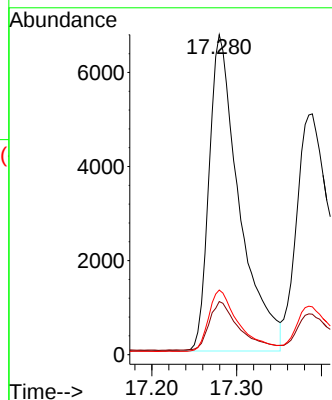
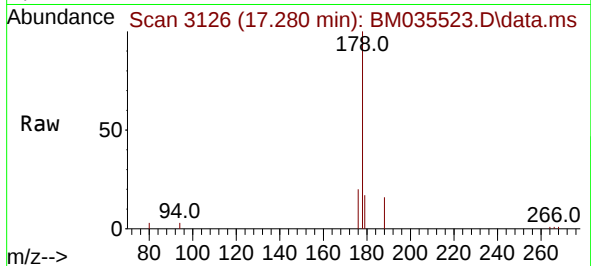




#15
Phenanthrene
Concen: 0.357 ng/u1
RT: 17.280 min Scan# 3124
Delta R.T. 0.008 min
Lab File: BM035523.D
Acq: 18 Jun 2022 16:25

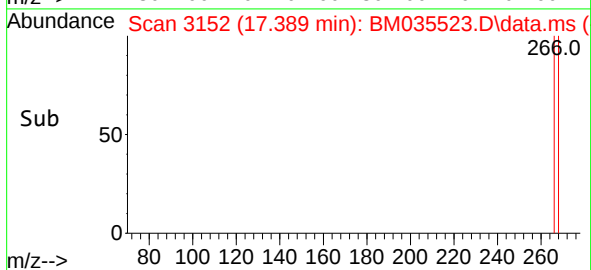
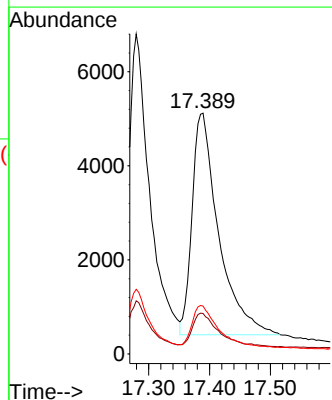
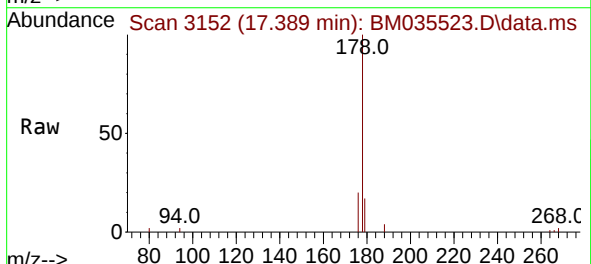
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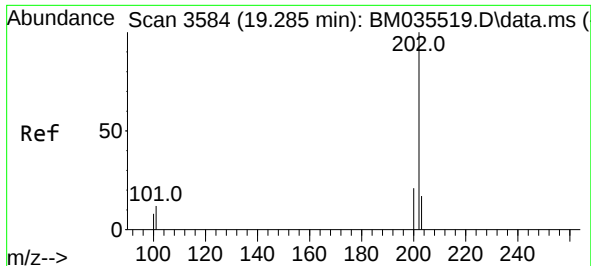
Tgt Ion:178 Resp: 16676
Ion Ratio Lower Upper
178 100
179 16.6 13.2 19.8
176 20.2 16.2 24.4



#16
Anthracene
Concen: 0.349 ng/u1
RT: 17.389 min Scan# 3152
Delta R.T. 0.016 min
Lab File: BM035523.D
Acq: 18 Jun 2022 16:25

Tgt Ion:178 Resp: 14287
Ion Ratio Lower Upper
178 100
179 16.8 13.4 20.0
176 19.9 15.9 23.9

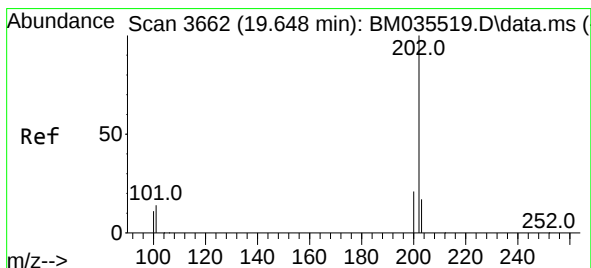
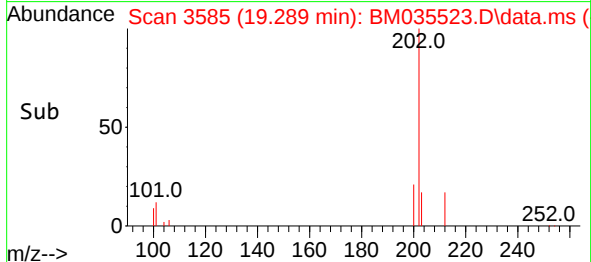
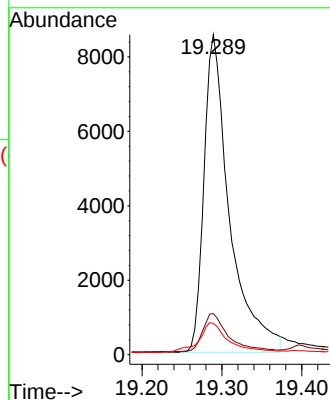
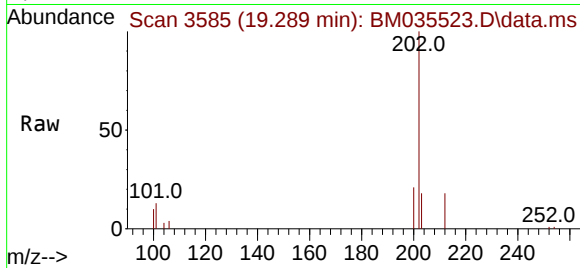




#19
Fluoranthene
Concen: 0.358 ng/u1
RT: 19.289 min Scan# 3585
Delta R.T. 0.004 min
Lab File: BM035523.D
Acq: 18 Jun 2022 16:25

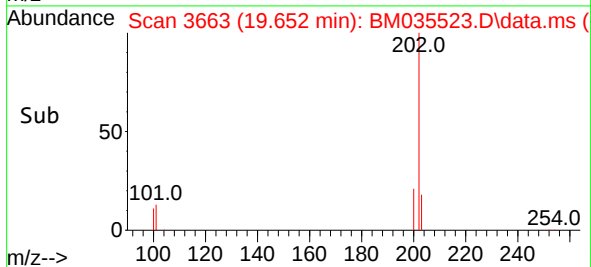
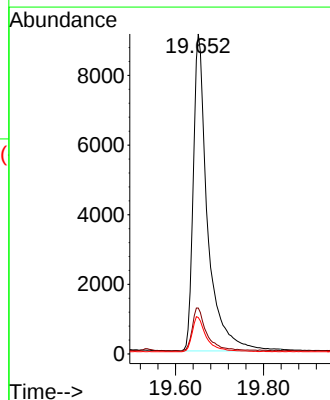
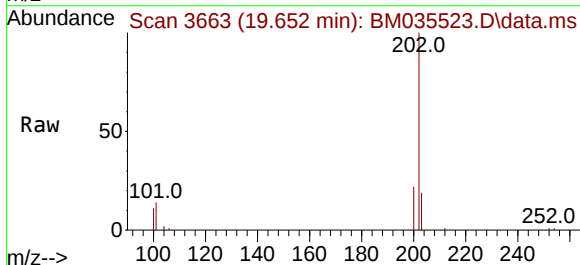
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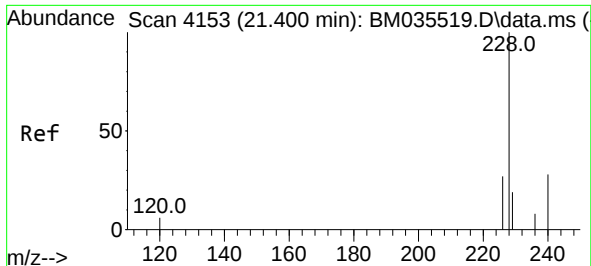
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.0	15.0
100	9.8	7.5	11.3



#20
Pyrene
Concen: 0.369 ng/u1
RT: 19.652 min Scan# 3663
Delta R.T. 0.004 min
Lab File: BM035523.D
Acq: 18 Jun 2022 16:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.6	17.4
100	11.4	9.3	13.9

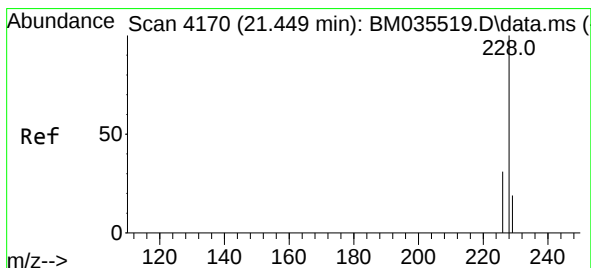
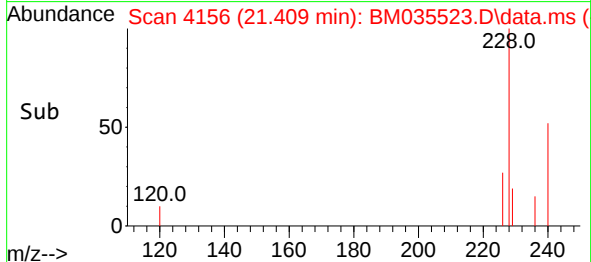
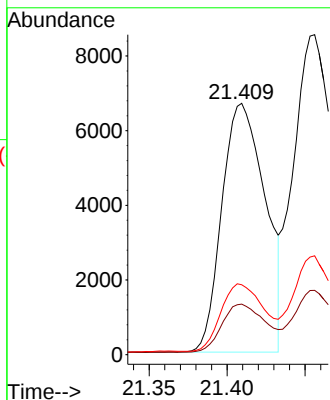
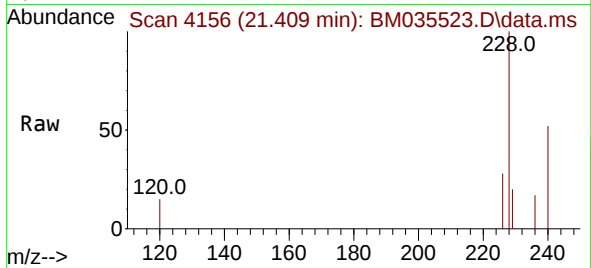




#21
Benzo(a)anthracene
Concen: 0.328 ng/ul
RT: 21.409 min Scan# 4153
Delta R.T. 0.010 min
Lab File: BM035523.D
Acq: 18 Jun 2022 16:25

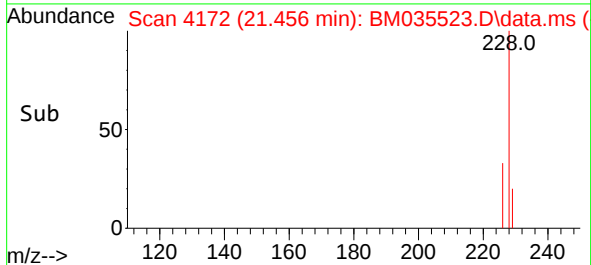
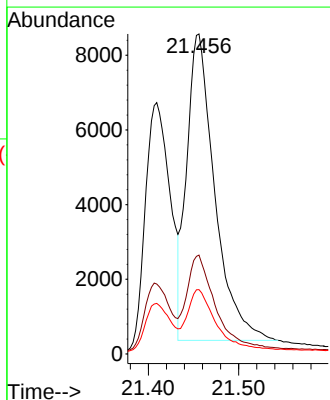
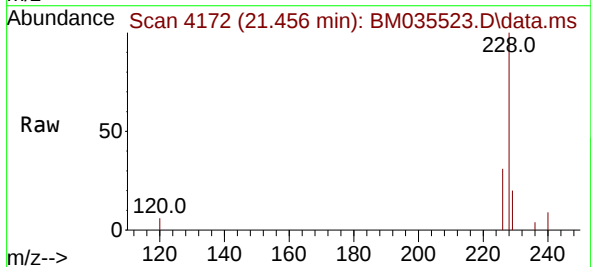
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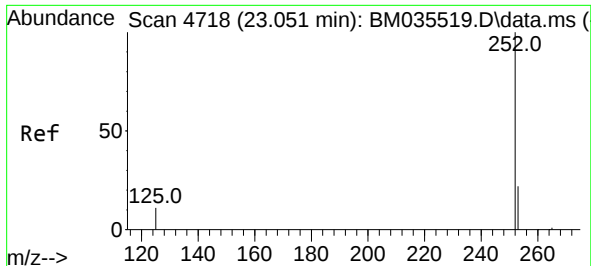
Tgt Ion:228 Resp: 12883
Ion Ratio Lower Upper
228 100
229 20.1 16.2 24.2
226 27.9 22.3 33.5



#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.456 min Scan# 4172
Delta R.T. 0.007 min
Lab File: BM035523.D
Acq: 18 Jun 2022 16:25

Tgt Ion:228 Resp: 17684
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 20.1 15.8 23.8

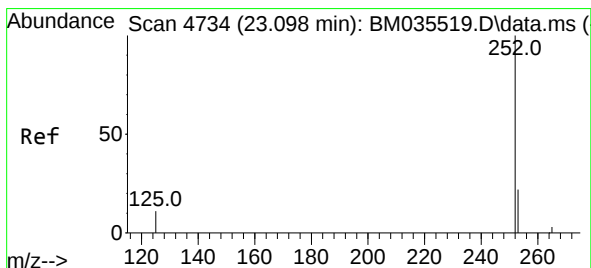
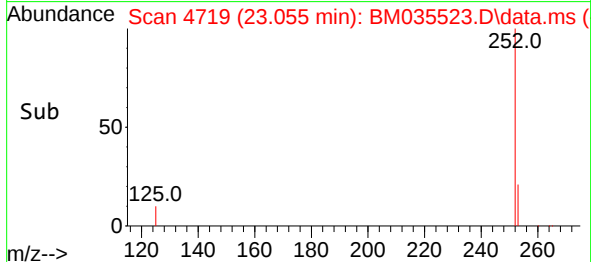
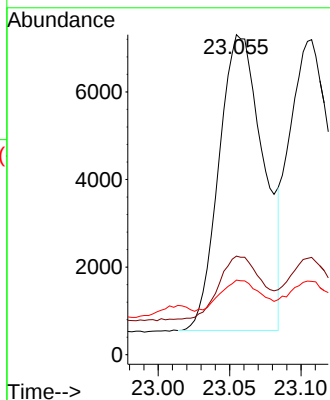
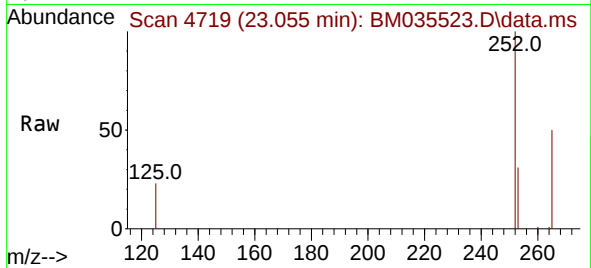




#24
Benzo(b)fluoranthene
Concen: 0.378 ng/ul
RT: 23.055 min Scan# 4718
Delta R.T. 0.004 min
Lab File: BM035523.D
Acq: 18 Jun 2022 16:25

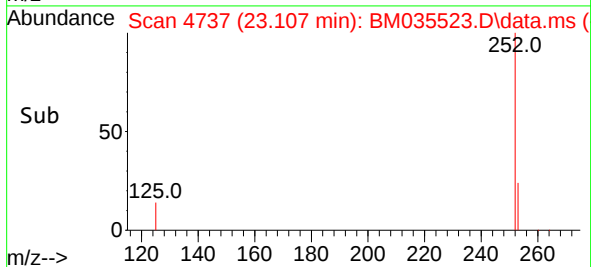
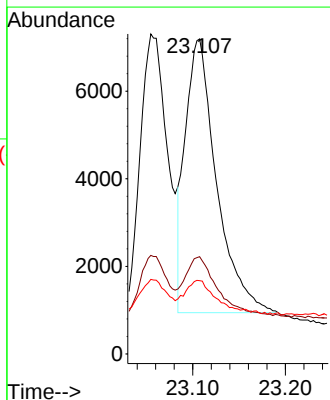
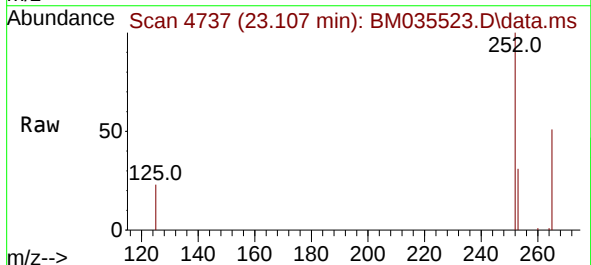
Instrument :
BNA_M
ClientSampleId :
SICV049

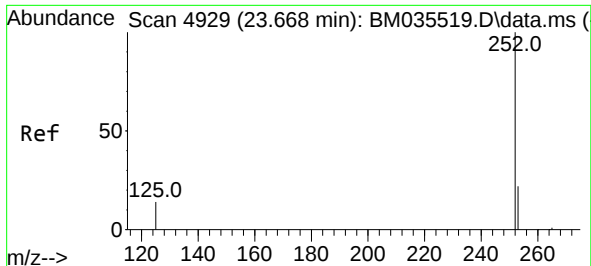
Tgt Ion:252 Resp: 14610
Ion Ratio Lower Upper
252 100
253 30.8 0.0 60.6
125 23.3 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.365 ng/ul
RT: 23.107 min Scan# 4737
Delta R.T. 0.010 min
Lab File: BM035523.D
Acq: 18 Jun 2022 16:25

Tgt Ion:252 Resp: 14630
Ion Ratio Lower Upper
252 100
253 30.9 24.7 37.1
125 23.2 18.2 27.4

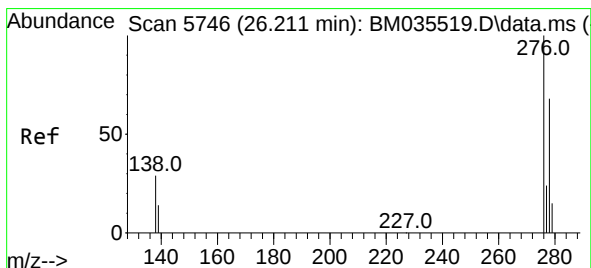
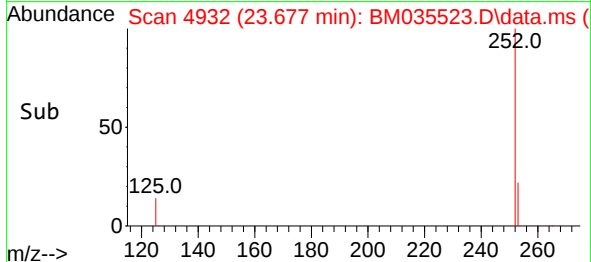
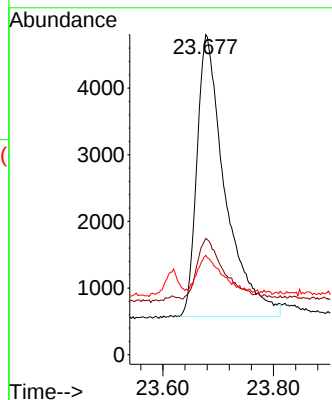
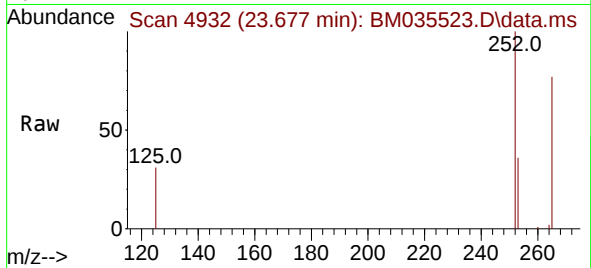




#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 23.677 min Scan# 4929
Delta R.T. 0.010 min
Lab File: BM035523.D
Acq: 18 Jun 2022 16:25

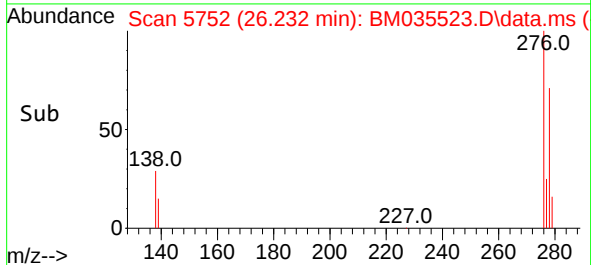
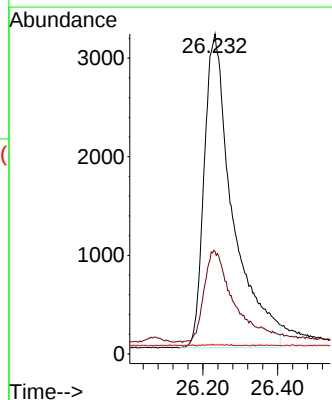
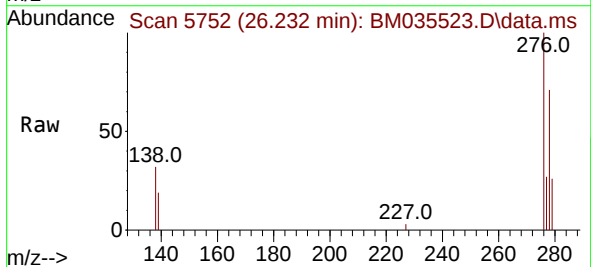
Instrument :
BNA_M
ClientSampleId :
SICV049

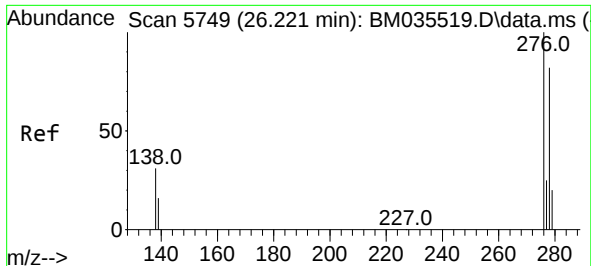
Tgt Ion:	252	Resp:	14917
Ion Ratio	Lower	Upper	
252	100		
253	36.3	27.8	41.6
125	31.0	23.3	34.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng/ul
RT: 26.232 min Scan# 5752
Delta R.T. 0.021 min
Lab File: BM035523.D
Acq: 18 Jun 2022 16:25

Tgt Ion:	276	Resp:	17007
Ion Ratio	Lower	Upper	
276	100		
138	30.9	24.8	37.2
227	0.2	0.1	0.1#

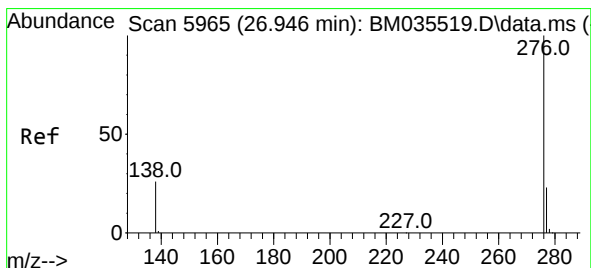
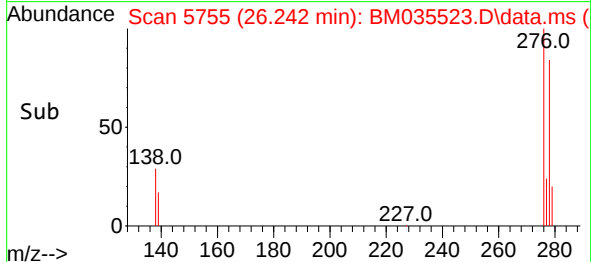
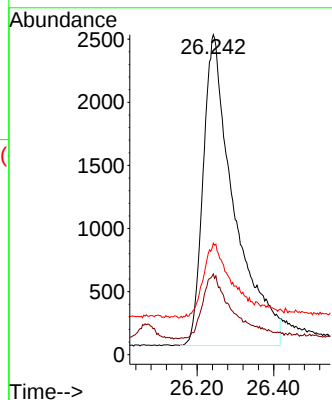
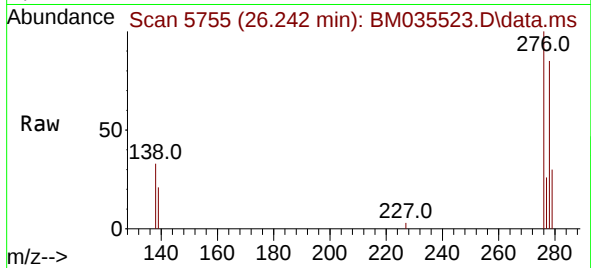




#28
Dibenzo(a,h)anthracene
Concen: 0.366 ng/ul
RT: 26.242 min Scan# 51
Delta R.T. 0.021 min
Lab File: BM035523.D
Acq: 18 Jun 2022 16:25

Instrument :
BNA_M
ClientSampleId :
SICV049

Tgt Ion:278 Resp: 13782
Ion Ratio Lower Upper
278 100
139 25.3 19.1 28.7
279 34.9 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.379 ng/ul
RT: 26.957 min Scan# 5968
Delta R.T. 0.011 min
Lab File: BM035523.D
Acq: 18 Jun 2022 16:25

Tgt Ion:276 Resp: 15668
Ion Ratio Lower Upper
276 100
138 29.9 23.1 34.7
277 25.9 20.3 30.5

