

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112221\
 Data File : BM033221.D
 Acq On : 22 Nov 2021 18:25
 Operator : CG/JU
 Sample : PB140966BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS966

Quant Time: Nov 23 00:00:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 15:41:12 2021
 Response via : Initial Calibration

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

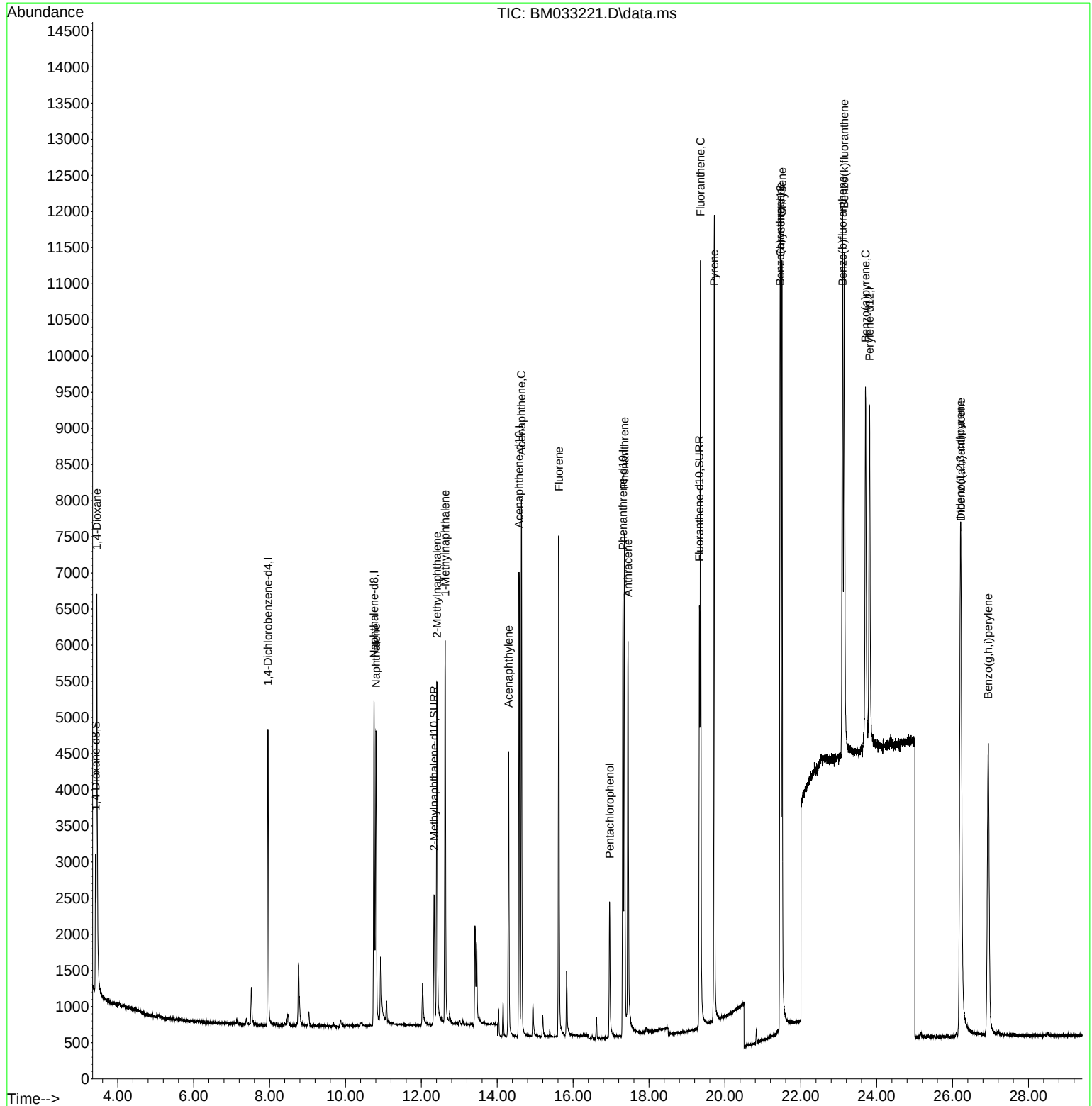
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	2335	0.400	ng/ul	0.00
4) Naphthalene-d8	10.755	136	6475	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.572	164	3627	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.313	188	7907	0.400	ng/ul	0.00
17) Chrysene-d12	21.468	240	7790	0.400	ng/ul	0.00
23) Perylene-d12	23.808	264	7205	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	1322	0.602	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	2779	0.310	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	7028	0.311	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	3788	1.534	ng/ul	92
5) Naphthalene	10.805	128	6113	0.305	ng/ul	100
7) 2-Methylnaphthalene	12.411	142	3878	0.299	ng/ul	100
8) 1-Methylnaphthalene	12.626	142	3772	0.294	ng/ul	99
10) Acenaphthylene	14.299	152	5140	0.303	ng/ul#	100
11) Acenaphthene	14.637	153	4482	0.322	ng/ul	98
12) Fluorene	15.622	166	4901	0.312	ng/ul	98
14) Pentachlorophenol	16.962	266	1514	0.574	ng/ul	99
15) Phenanthrene	17.354	178	8016	0.279	ng/ul	99
16) Anthracene	17.445	178	7008	0.302	ng/ul	97
19) Fluoranthene	19.357	202	9845	0.263	ng/ul	99
20) Pyrene	19.719	202	10190	0.274	ng/ul	99
21) Benzo(a)anthracene	21.453	228	8824	0.317	ng/ul	99
22) Chrysene	21.504	228	10124	0.331	ng/ul	99
24) Benzo(b)fluoranthene	23.098	252	10441	0.320	ng/ul	97
25) Benzo(k)fluoranthene	23.144	252	10577	0.329	ng/ul	98
26) Benzo(a)pyrene	23.704	252	8752	0.324	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.201	276	10811	0.317	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.221	278	8593	0.315	ng/ul	97
29) Benzo(g,h,i)perylene	26.940	276	9737	0.318	ng/ul	95

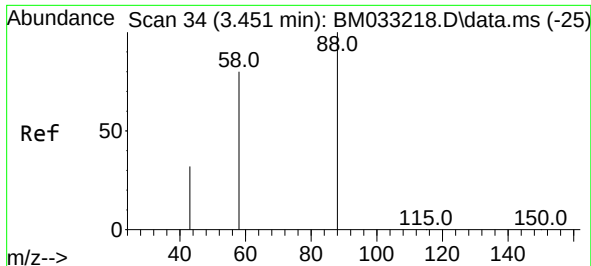
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 15:41:12 2021
Response via : Initial Calibration

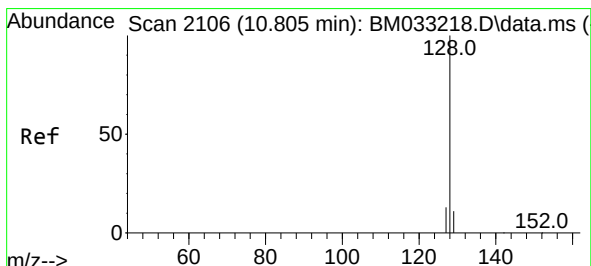
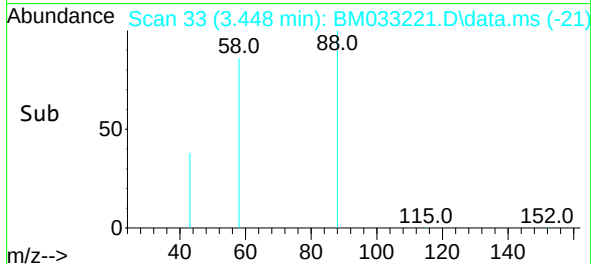
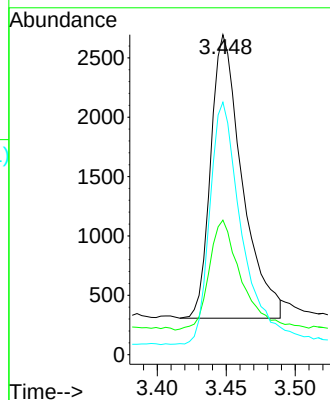
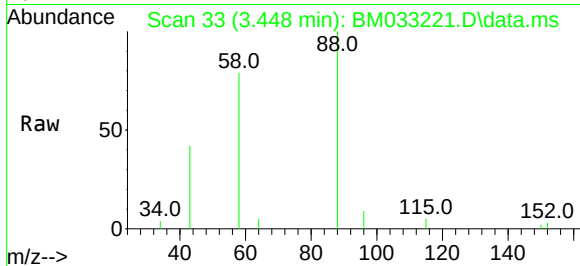




#2
1,4-Dioxane
Concen: 1.534 ng/ul
RT: 3.448 min Scan# 31
Delta R.T. -0.007 min
Lab File: BM033221.D
Acq: 22 Nov 2021 18:25

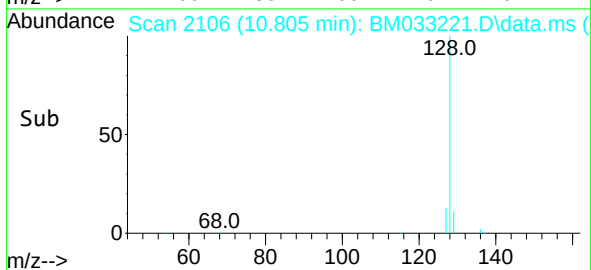
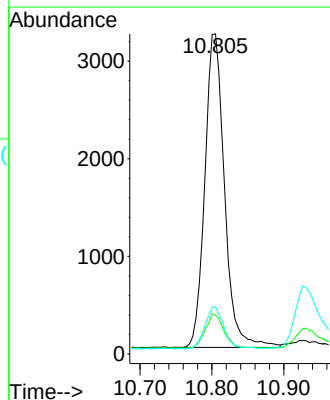
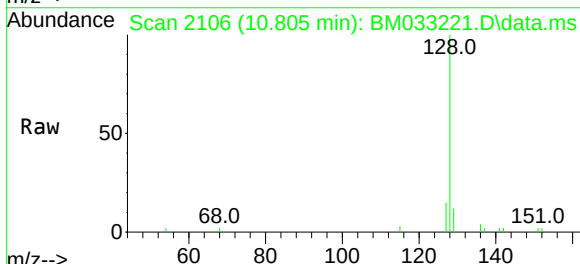
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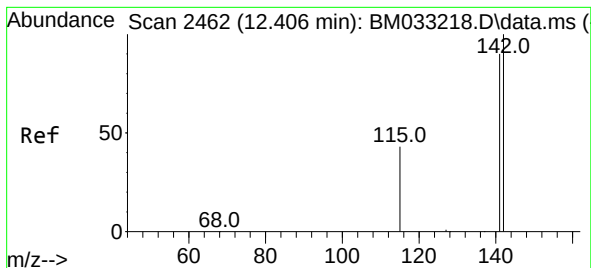
Tgt Ion: 88 Resp: 3788
Ion Ratio Lower Upper
88 100
43 42.0 35.8 53.8
58 78.9 55.8 83.8



#5
Naphthalene
Concen: 0.305 ng/ul
RT: 10.805 min Scan# 2106
Delta R.T. -0.005 min
Lab File: BM033221.D
Acq: 22 Nov 2021 18:25

Tgt Ion: 128 Resp: 6113
Ion Ratio Lower Upper
128 100
129 12.2 9.8 14.6
127 14.7 11.8 17.8





#7

2-Methylnaphthalene

Concen: 0.299 ng/ul

RT: 12.411 min Scan# 2463

Delta R.T. -0.005 min

Lab File: BM033221.D

Acq: 22 Nov 2021 18:25

Instrument :

BNA_M

ClientSampleId :

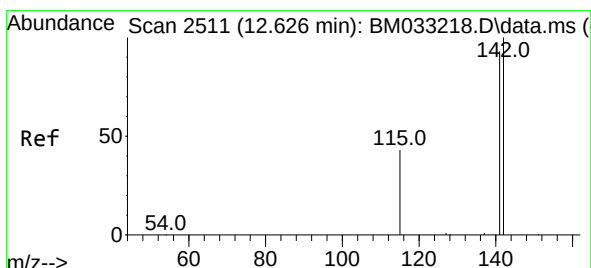
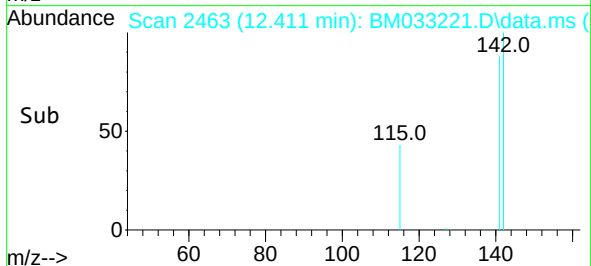
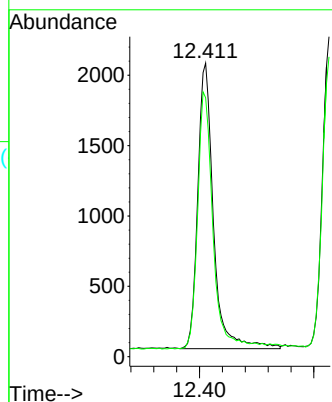
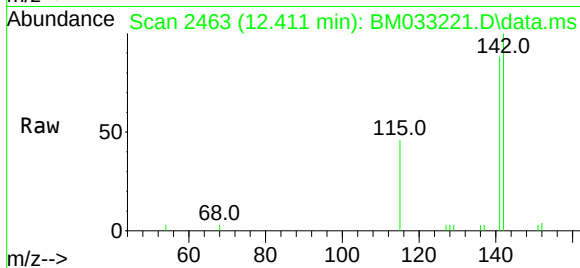
SLCS966

Tgt Ion:142 Resp: 3878

Ion Ratio Lower Upper

142 100

141 91.2 73.3 109.9



#8

1-Methylnaphthalene

Concen: 0.294 ng/ul

RT: 12.626 min Scan# 2511

Delta R.T. -0.005 min

Lab File: BM033221.D

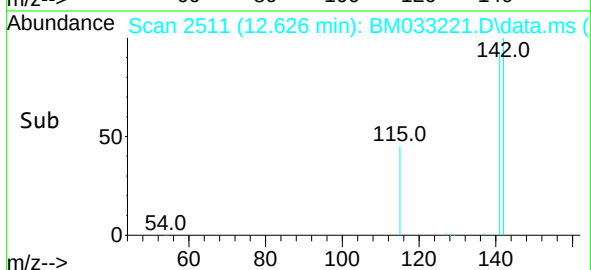
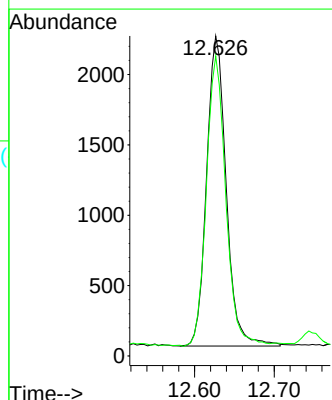
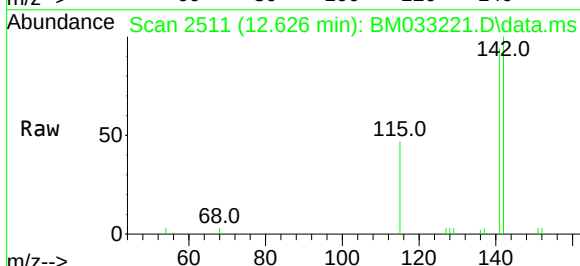
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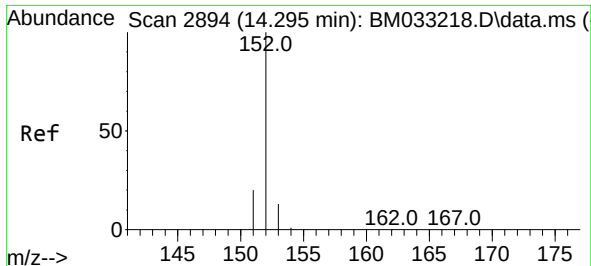
Tgt Ion:142 Resp: 3772

Ion Ratio Lower Upper

142 100

141 93.7 74.5 111.7

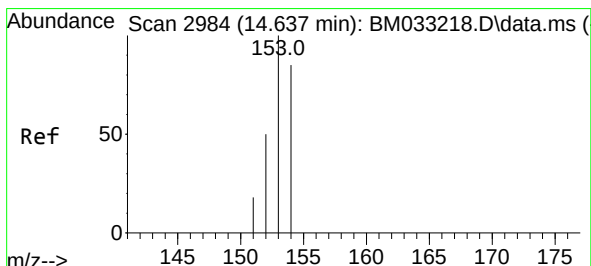
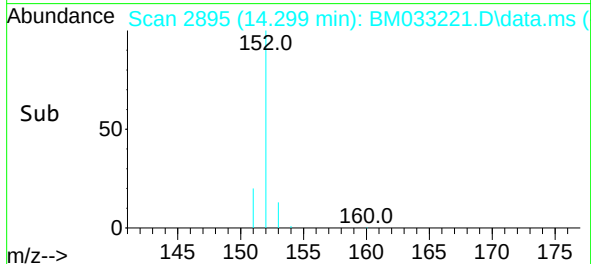
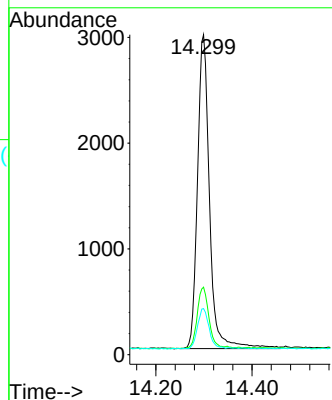
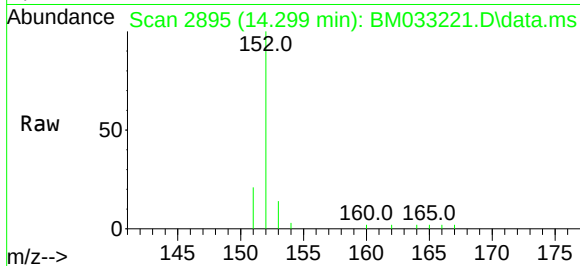




#10
Acenaphthylene
Concen: 0.303 ng/u1
RT: 14.299 min Scan# 2895
Delta R.T. -0.004 min
Lab File: BM033221.D
Acq: 22 Nov 2021 18:25

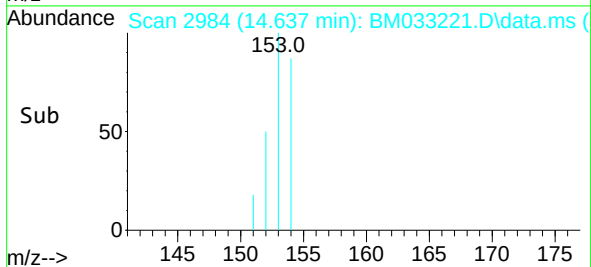
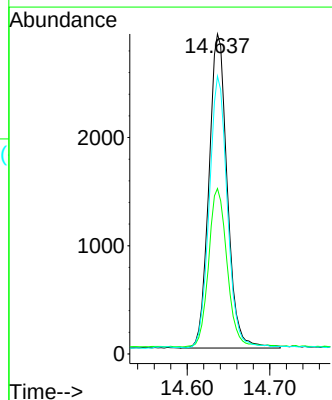
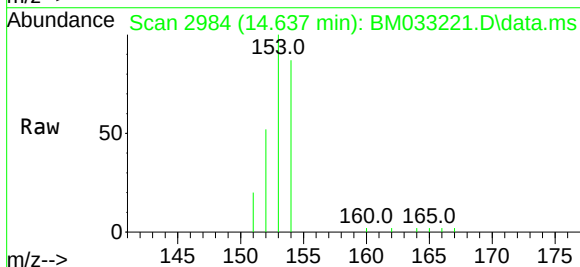
Instrument :
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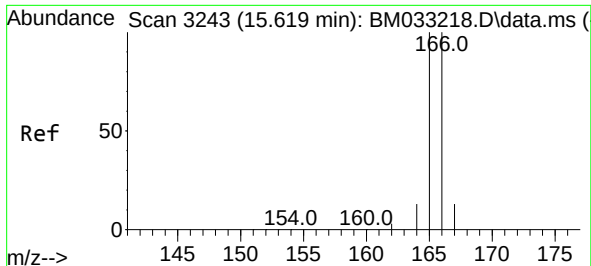
Tgt Ion:152 Resp: 5140
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1
153 14.4 0.0 0.0#



#11
Acenaphthene
Concen: 0.322 ng/u1
RT: 14.637 min Scan# 2984
Delta R.T. -0.008 min
Lab File: BM033221.D
Acq: 22 Nov 2021 18:25

Tgt Ion:153 Resp: 4482
Ion Ratio Lower Upper
153 100
152 51.7 40.6 60.8
154 86.8 70.8 106.2

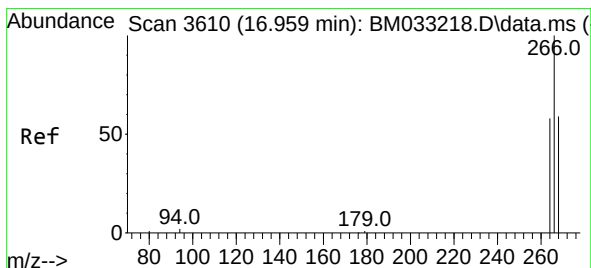
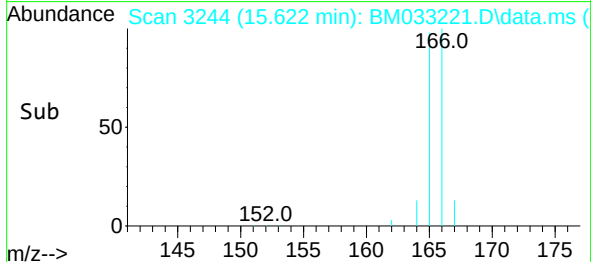
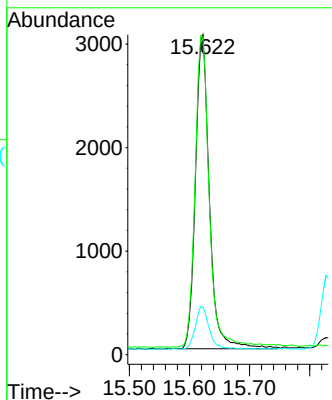
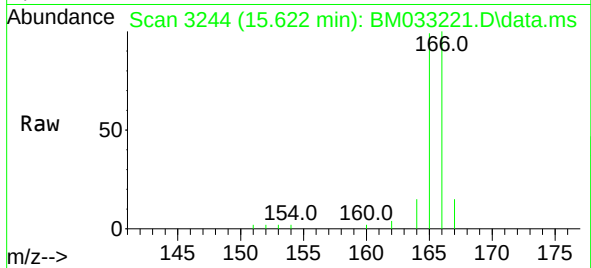




#12
 Fluorene
 Concen: 0.312 ng/ul
 RT: 15.622 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BM033221.D
 Acq: 22 Nov 2021 18:25

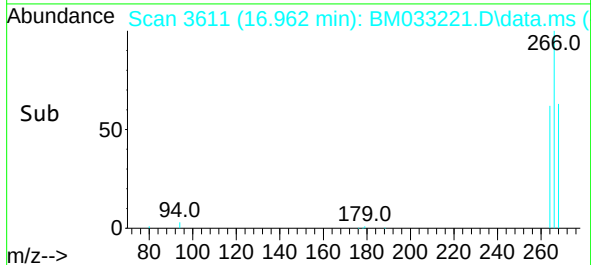
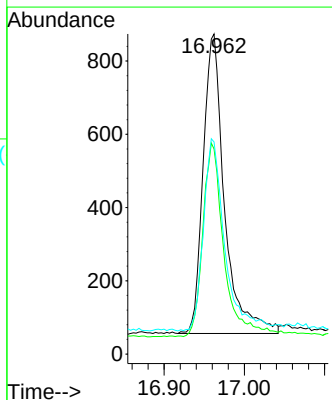
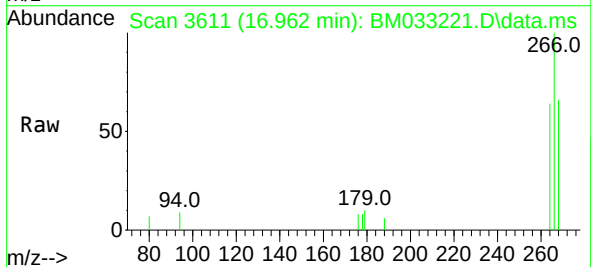
Instrument :
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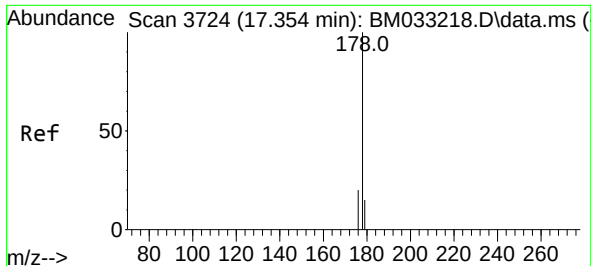
Tgt Ion:166	Resp:	4901
Ion Ratio	Lower	Upper
166	100	
165	99.2	80.8 121.2
167	14.9	11.7 17.5



#14
 Pentachlorophenol
 Concen: 0.574 ng/ul
 RT: 16.962 min Scan# 3611
 Delta R.T. -0.004 min
 Lab File: BM033221.D
 Acq: 22 Nov 2021 18:25

Tgt Ion:266	Resp:	1514
Ion Ratio	Lower	Upper
266	100	
264	63.1	51.2 76.8
268	64.9	52.9 79.3

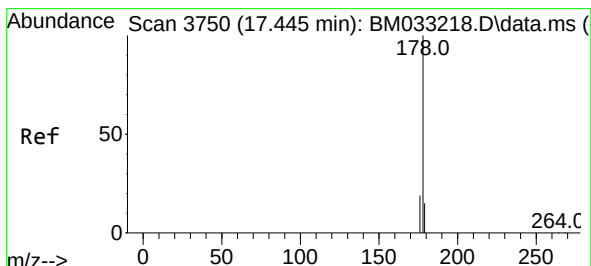
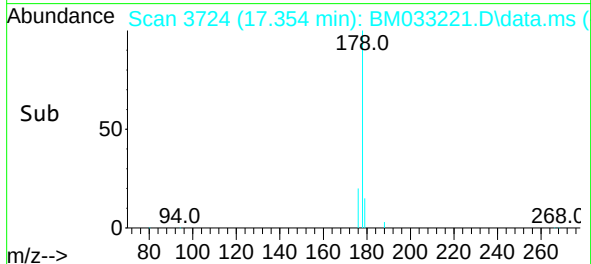
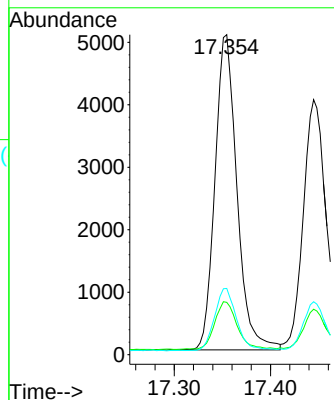
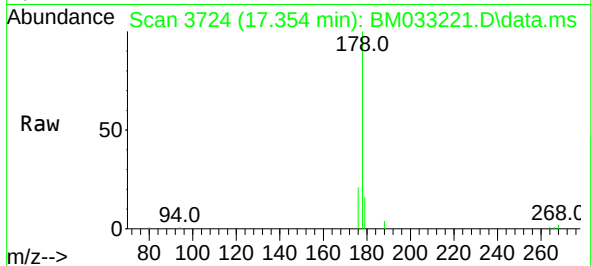




#15
Phenanthrene
Concen: 0.279 ng/u1
RT: 17.354 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM033221.D
Acq: 22 Nov 2021 18:25

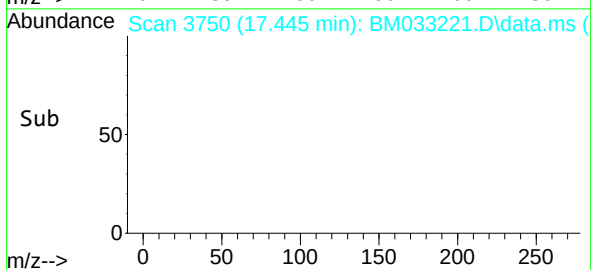
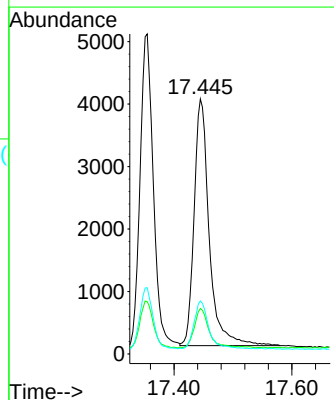
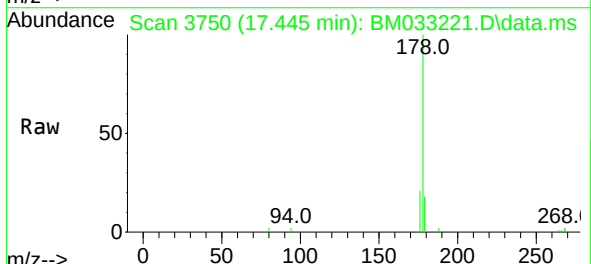
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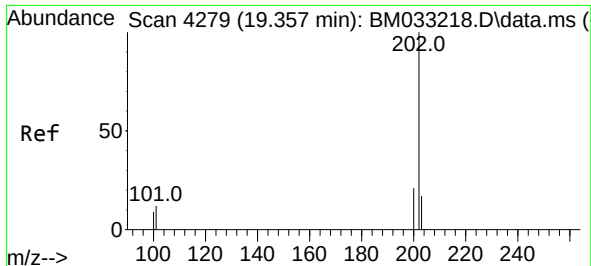
Tgt Ion:178 Resp: 8016
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 20.7 16.0 24.0



#16
Anthracene
Concen: 0.302 ng/u1
RT: 17.445 min Scan# 3750
Delta R.T. -0.007 min
Lab File: BM033221.D
Acq: 22 Nov 2021 18:25

Tgt Ion:178 Resp: 7008
Ion Ratio Lower Upper
178 100
179 17.8 13.0 19.6
176 20.8 15.6 23.4

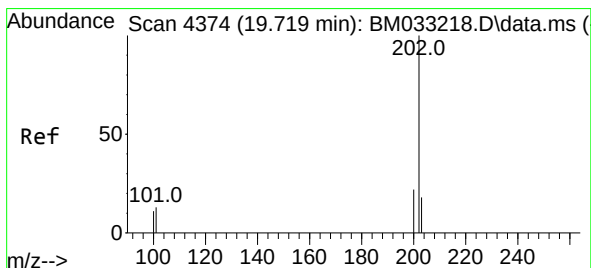
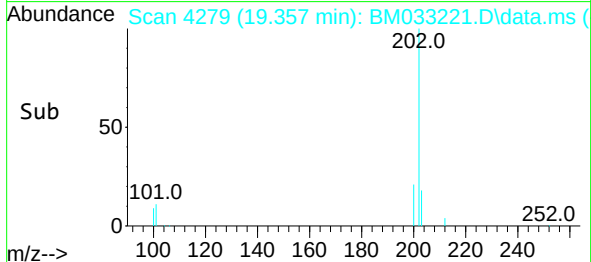
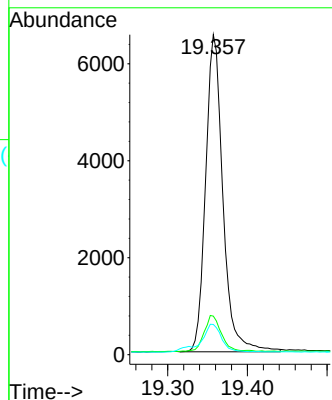
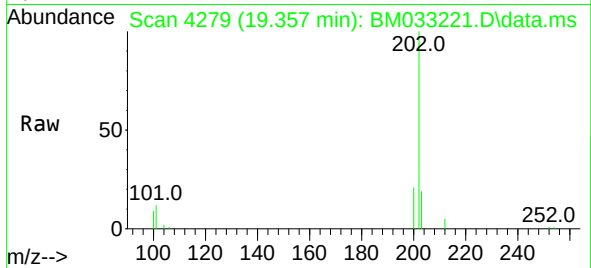




#19
Fluoranthene
Concen: 0.263 ng/ul
RT: 19.357 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM033221.D
Acq: 22 Nov 2021 18:25

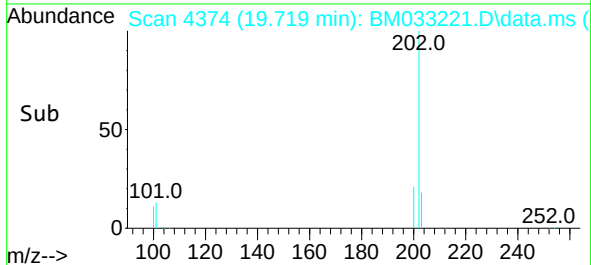
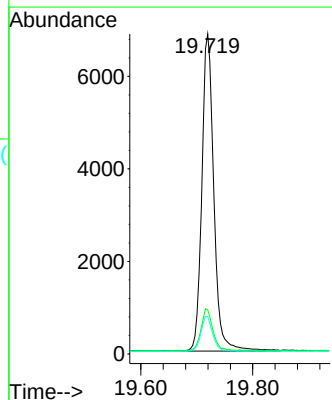
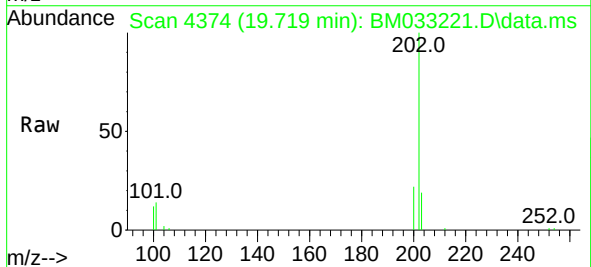
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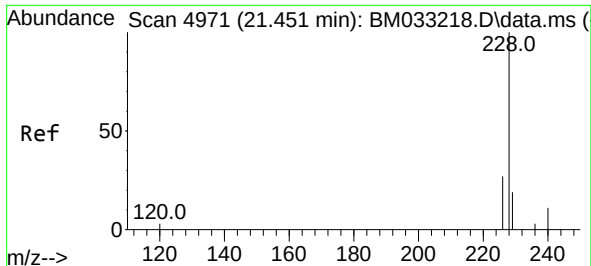
Tgt Ion:202 Resp: 9845
Ion Ratio Lower Upper
202 100
101 12.1 9.9 14.9
100 9.5 7.3 10.9



#20
Pyrene
Concen: 0.274 ng/ul
RT: 19.719 min Scan# 4374
Delta R.T. -0.004 min
Lab File: BM033221.D
Acq: 22 Nov 2021 18:25

Tgt Ion:202 Resp: 10190
Ion Ratio Lower Upper
202 100
101 13.8 11.8 17.6
100 11.7 9.5 14.3

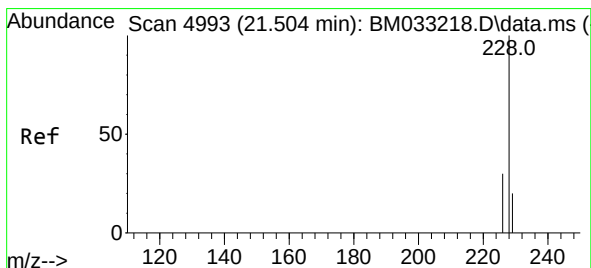
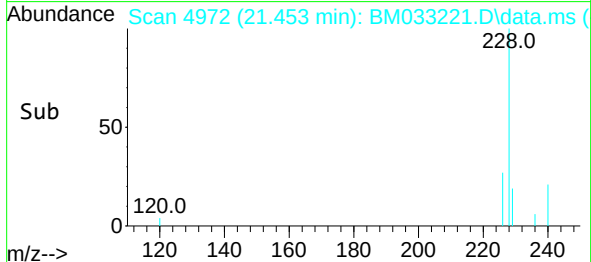
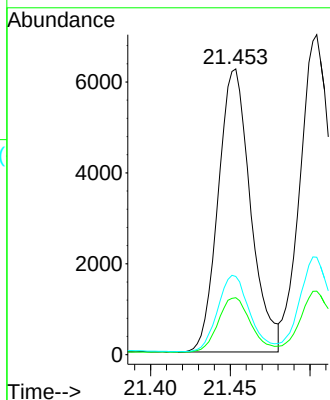
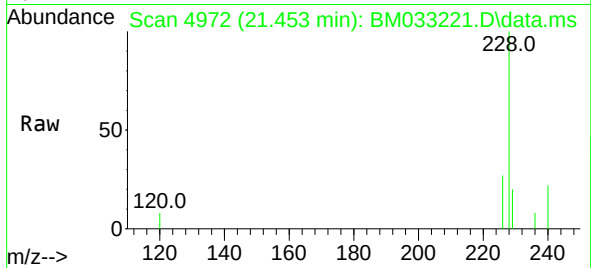




#21
Benzo(a)anthracene
Concen: 0.317 ng/ul
RT: 21.453 min Scan# 4971
Delta R.T. -0.003 min
Lab File: BM033221.D
Acq: 22 Nov 2021 18:25

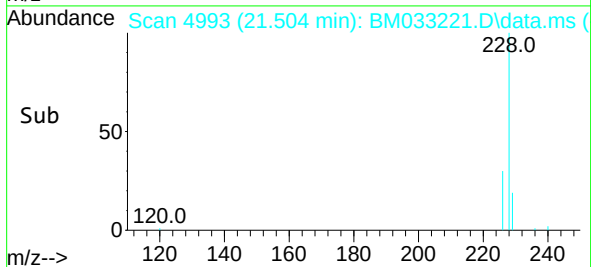
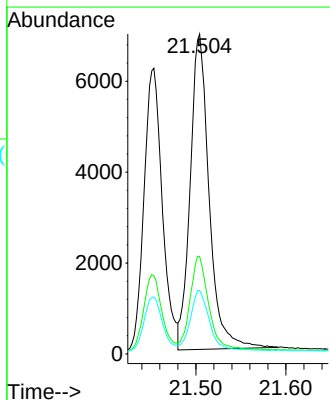
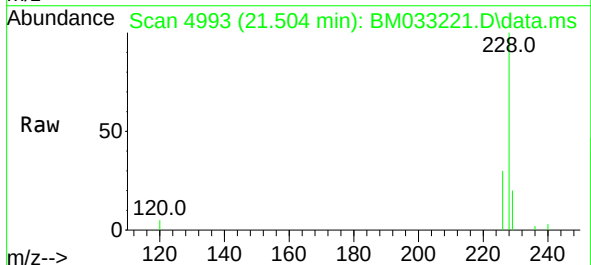
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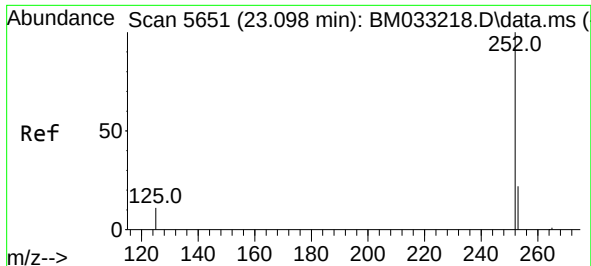
Tgt Ion:228 Resp: 8824
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 27.4 22.4 33.6



#22
Chrysene
Concen: 0.331 ng/ul
RT: 21.504 min Scan# 4993
Delta R.T. -0.003 min
Lab File: BM033221.D
Acq: 22 Nov 2021 18:25

Tgt Ion:228 Resp: 10124
Ion Ratio Lower Upper
228 100
226 30.5 24.9 37.3
229 19.9 16.1 24.1

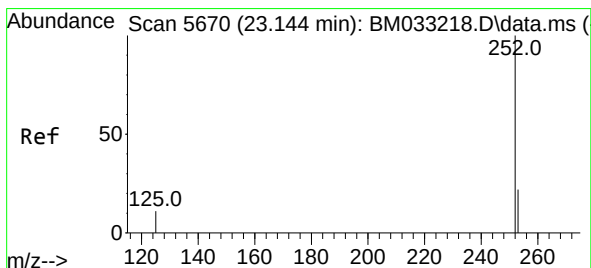
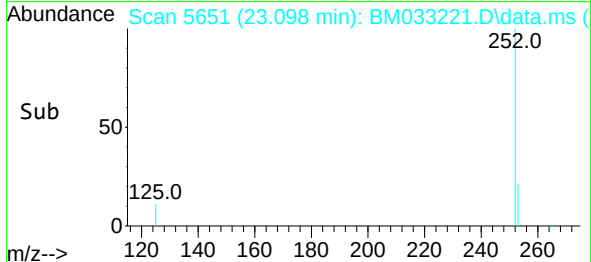
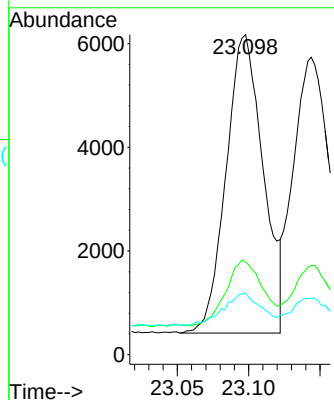
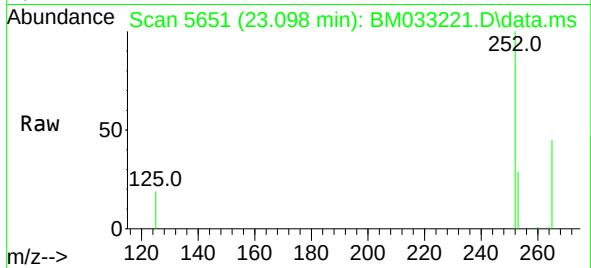




#24
Benzo(b)fluoranthene
Concen: 0.320 ng/ul
RT: 23.098 min Scan# 5651
Delta R.T. -0.003 min
Lab File: BM033221.D
Acq: 22 Nov 2021 18:25

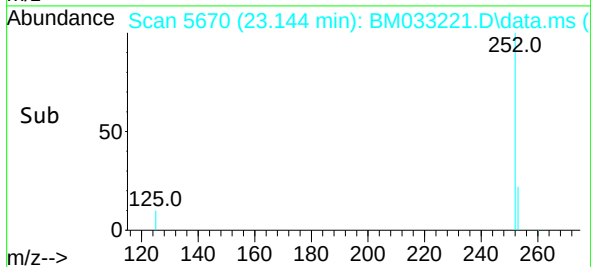
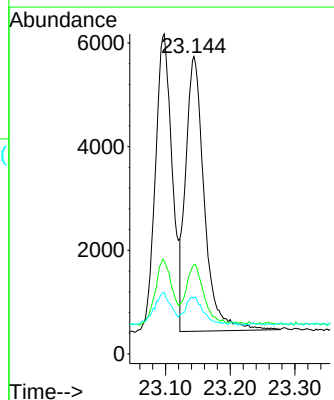
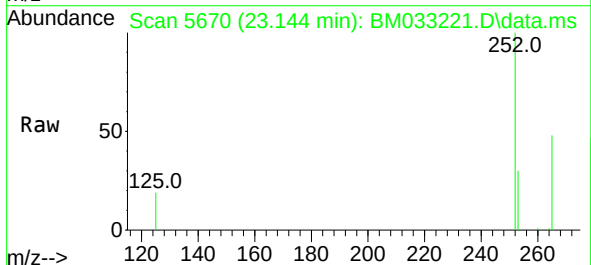
Instrument :
BNA_M
ClientSampleId :
SLCS966

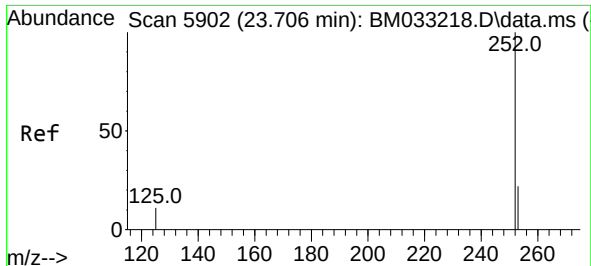
Tgt Ion:252	Resp:	10441
Ion Ratio	Lower	Upper
252	100	
253	29.0	0.0 59.2
125	19.3	0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.329 ng/ul
RT: 23.144 min Scan# 5670
Delta R.T. -0.005 min
Lab File: BM033221.D
Acq: 22 Nov 2021 18:25

Tgt Ion:252	Resp:	10577
Ion Ratio	Lower	Upper
252	100	
253	30.0	23.1 34.7
125	19.0	14.6 21.8

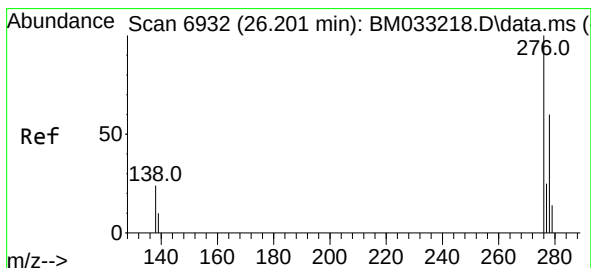
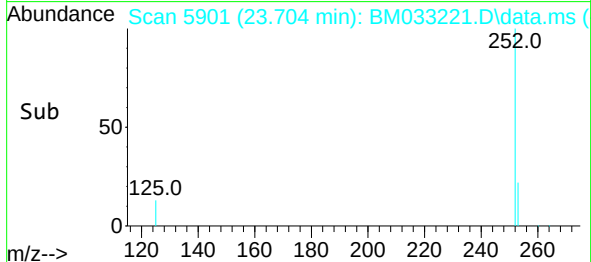
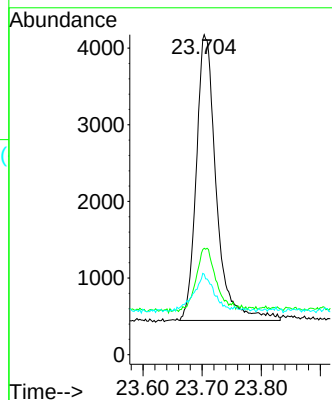
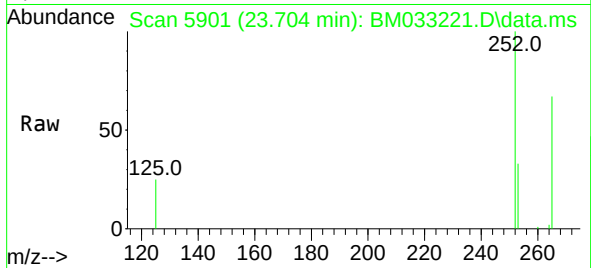




#26
Benzo(a)pyrene
Concen: 0.324 ng/ul
RT: 23.704 min Scan# 5901
Delta R.T. -0.007 min
Lab File: BM033221.D
Acq: 22 Nov 2021 18:25

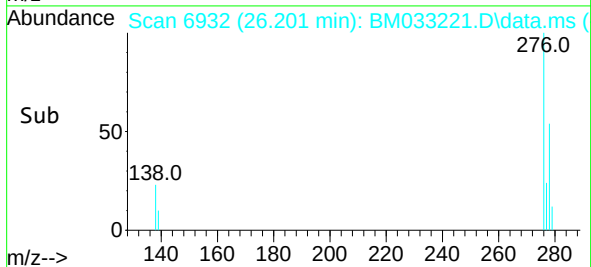
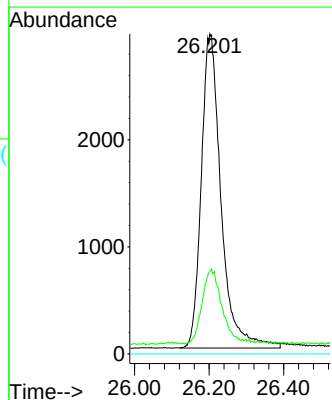
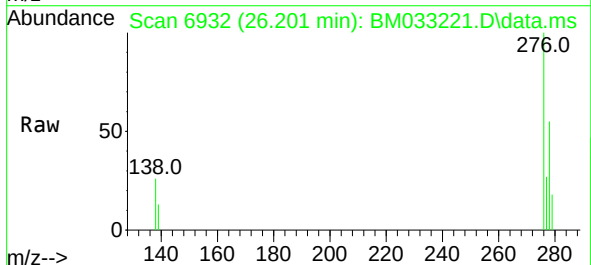
Instrument :
BNA_M
ClientSampleId :
SLCS966

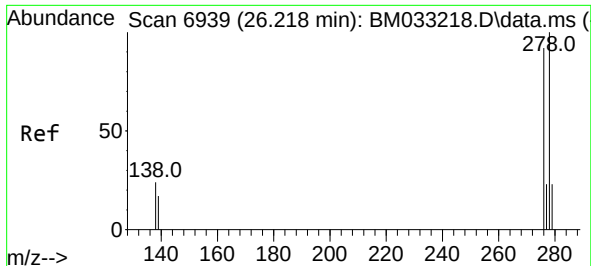
Tgt Ion:252 Resp: 8752
Ion Ratio Lower Upper
252 100
253 33.3 27.1 40.7
125 25.2 17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.317 ng/ul
RT: 26.201 min Scan# 6932
Delta R.T. -0.005 min
Lab File: BM033221.D
Acq: 22 Nov 2021 18:25

Tgt Ion:276 Resp: 10811
Ion Ratio Lower Upper
276 100
138 23.7 22.9 34.3
227 0.0 0.0 0.0

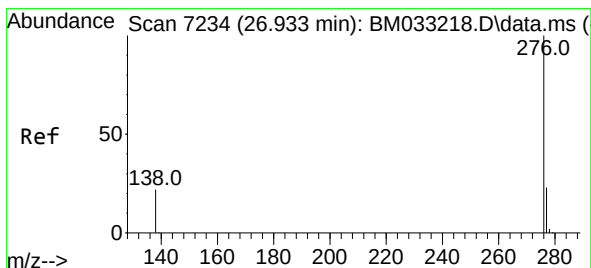
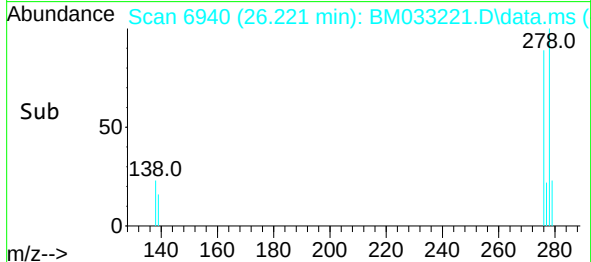
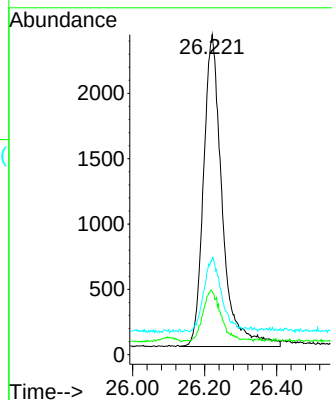
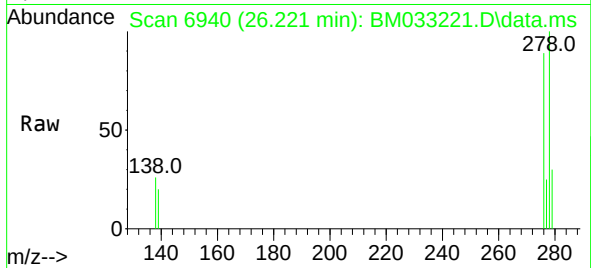




#28
Dibenzo(a,h)anthracene
Concen: 0.315 ng/ul
RT: 26.221 min Scan# 6940
Delta R.T. -0.005 min
Lab File: BM033221.D
Acq: 22 Nov 2021 18:25

Instrument :
BNA_M
ClientSampleId :
SLCS966

Tgt Ion:278 Resp: 8593
Ion Ratio Lower Upper
278 100
139 19.8 18.2 27.2
279 30.2 24.6 36.8



#29
Benzo(g,h,i)perylene
Concen: 0.318 ng/ul
RT: 26.940 min Scan# 7237
Delta R.T. 0.002 min
Lab File: BM033221.D
Acq: 22 Nov 2021 18:25

Tgt Ion:276 Resp: 9737
Ion Ratio Lower Upper
276 100
138 23.8 22.2 33.2
277 26.9 21.0 31.4

