

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
 Data File : BM032358.D
 Acq On : 07 Oct 2021 16:05
 Operator : CG/JU
 Sample : M3879-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW403

Manual Integrations
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Quant Time: Oct 07 16:35:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 15:38:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	6176	0.40	ng/ul	0.00
4) Naphthalene-d8	10.411	136	21118	0.40	ng/ul #	0.00
9) Acenaphthene-d10	14.270	164	11813	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.995	188	24675	0.40	ng/ul	0.00
17) Chrysene-d12	21.162	240	20296	0.40	ng/ul	0.00
23) Perylene-d12	23.305	264	18381	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.965	96	16791	2.53	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.003	152	6972	0.25	ng/ul	0.00
18) Fluoranthene-d10	19.015	212	16898	0.31	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.460	128	2810	0.04	ng/ul#	90
7) 2-Methylnaphthalene	12.080	142	1892	0.05	ng/ul	100
8) 1-Methylnaphthalene	12.300	142	1438	0.04	ng/ul	99
10) Acenaphthylene	13.991	152	2043	0.04	ng/ul#	77
11) Acenaphthene	14.331	153	1184	0.03	ng/ul	95
12) Fluorene	15.313	166	1221	0.02	ng/ul#	93
14) Pentachlorophenol	16.661	266	177	0.03	ng/ul	96
15) Phenanthrene	17.036	178	37293	0.46	ng/ul	100
16) Anthracene	17.126	178	4987	0.08	ng/ul#	93
19) Fluoranthene	19.046	202	121133	1.43	ng/ul	98
20) Pyrene	19.408	202	107302	1.26	ng/ul	98
21) Benzo(a)anthracene	21.145	228	42266	0.59	ng/ul	98
22) Chrysene	21.196	228	65450	0.78	ng/ul	98
24) Benzo(b)fluoranthene	22.670	252	91372m	0.96	ng/ul	
25) Benzo(k)fluoranthene	22.704	252	29741m	0.32	ng/ul	
26) Benzo(a)pyrene	23.210	252	48429	0.68	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.422	276	40033	0.44	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.422	278	9132	0.12	ng/ul#	74
29) Benzo(g,h,i)perylene	26.072	276	35704	0.41	ng/ul	97

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

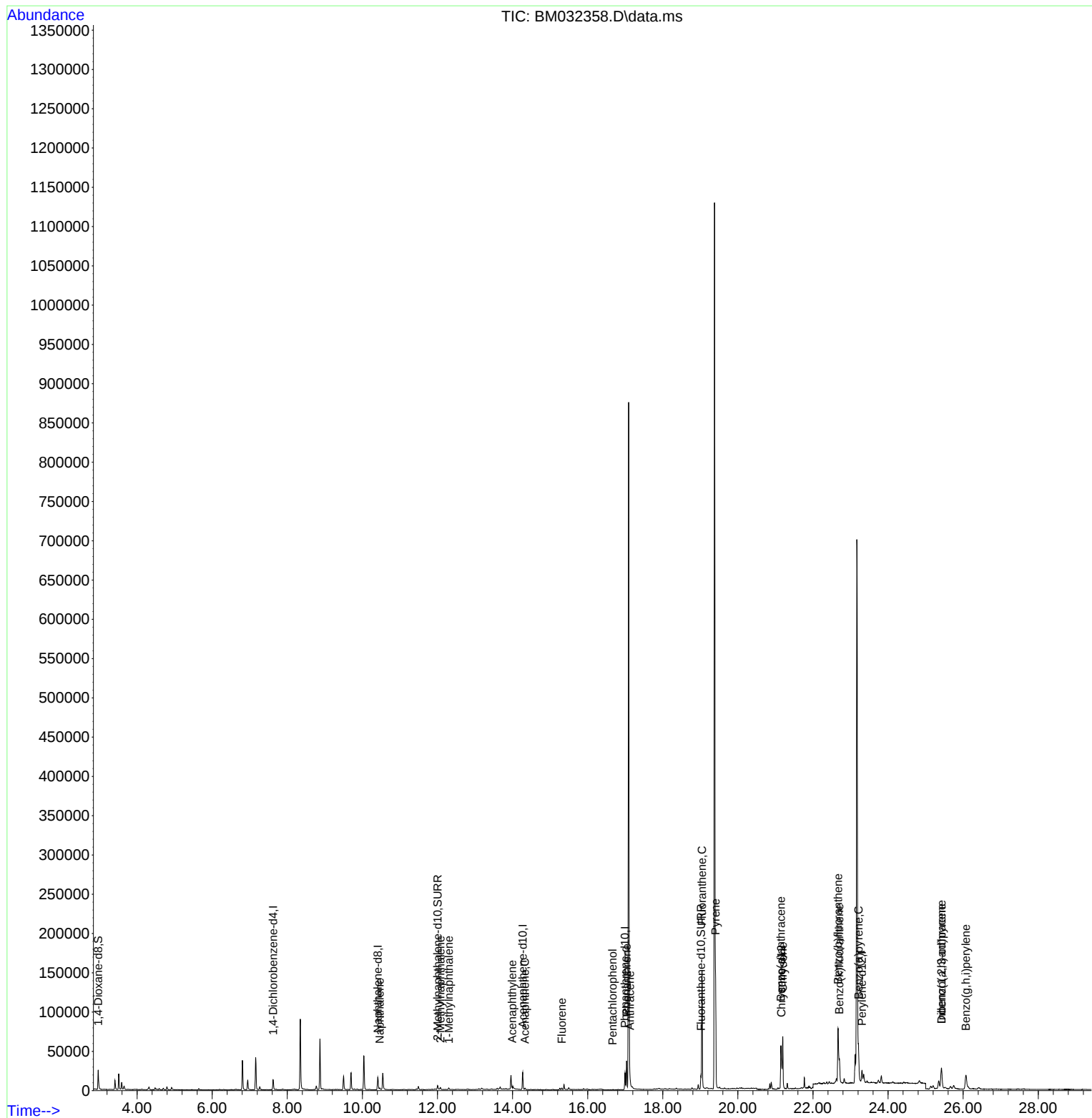
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
Data File : BM032358.D
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ALS Vial : 4 Sample Multiplier: 1

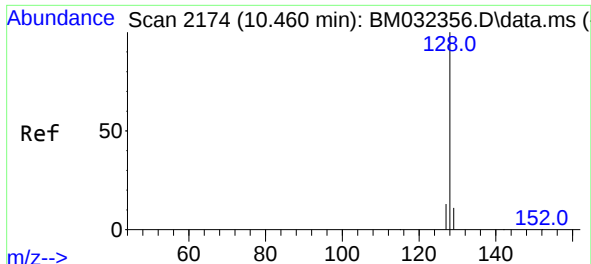
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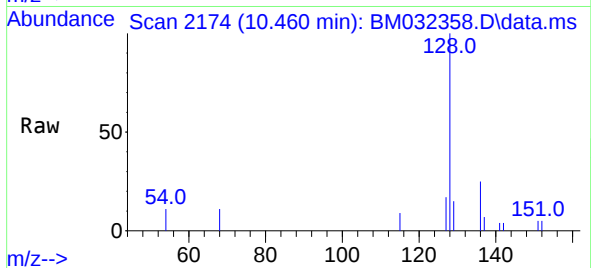
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Quant Time: Oct 07 16:35:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 15:38:40 2021
Response via : Initial Calibration

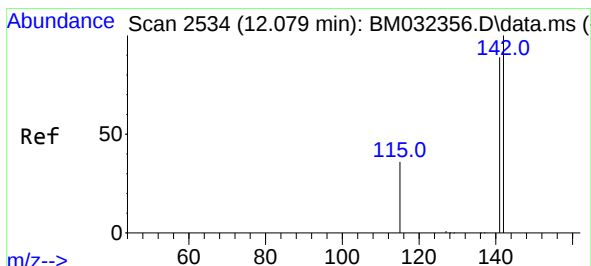
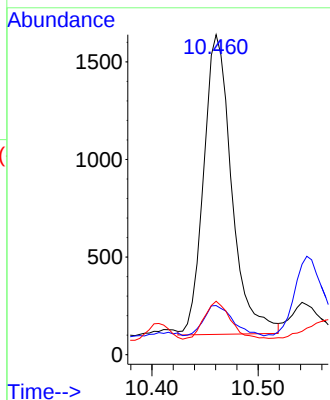
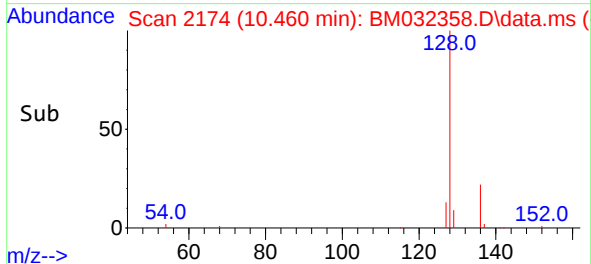




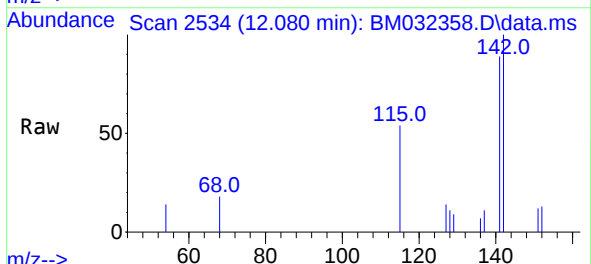
#5
Naphthalene
Concen: 0.04 ng/ul
RT: 10.460 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BM032358.D
Acq: 07 Oct 2021 16:05



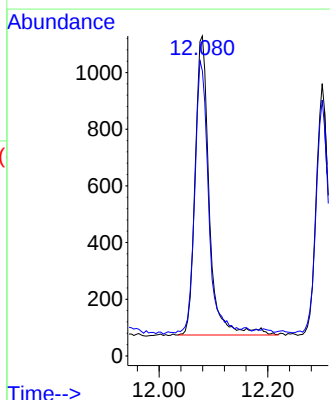
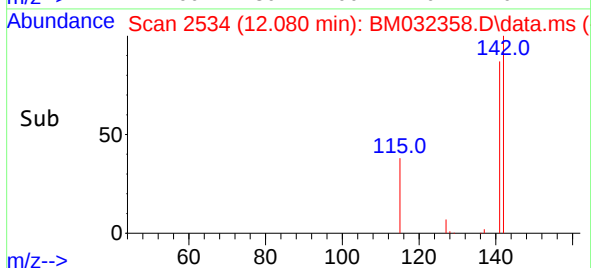
Tgt Ion:128 Resp: 2810
Ion Ratio Lower Upper
128 100
129 15.4 9.0 13.4#
127 16.7 10.5 15.7#



#7
2-Methylnaphthalene
Concen: 0.05 ng/ul
RT: 12.080 min Scan# 2534
Delta R.T. 0.000 min
Lab File: BM032358.D
Acq: 07 Oct 2021 16:05



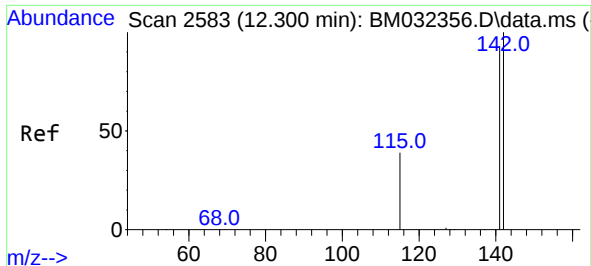
Tgt Ion:142 Resp: 1892
Ion Ratio Lower Upper
142 100
141 88.6 71.2 106.8



Instrument :
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ClientSampled :
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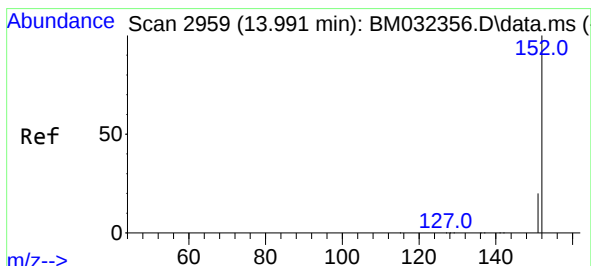
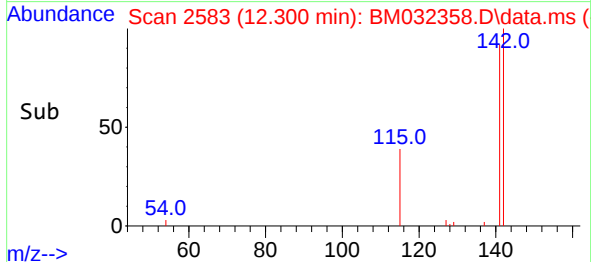
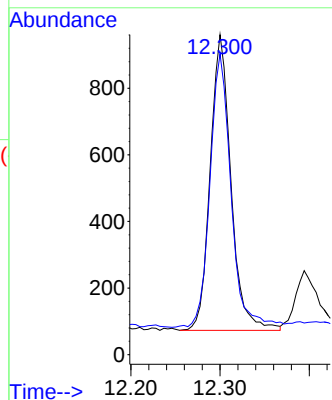
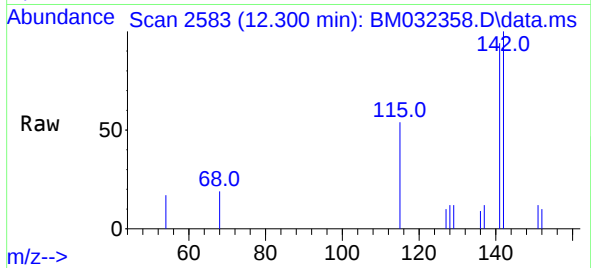
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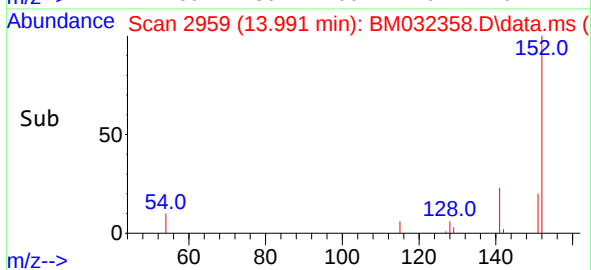
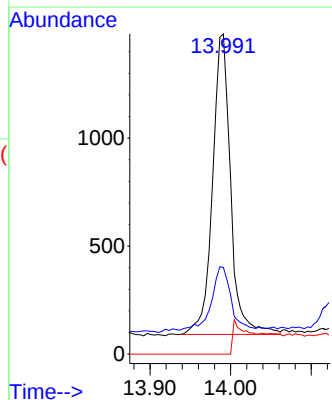
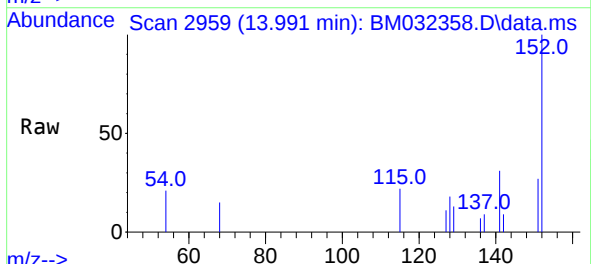
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1-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.300 min Scan# 2583
Delta R.T. 0.000 min
Lab File: BM032358.D
Acq: 07 Oct 2021 16:05

Tgt Ion:142 Resp: 1438
Ion Ratio Lower Upper
142 100
141 93.6 73.8 110.6



#10
Acenaphthylene
Concen: 0.04 ng/ul
RT: 13.991 min Scan# 2959
Delta R.T. 0.000 min
Lab File: BM032358.D
Acq: 07 Oct 2021 16:05

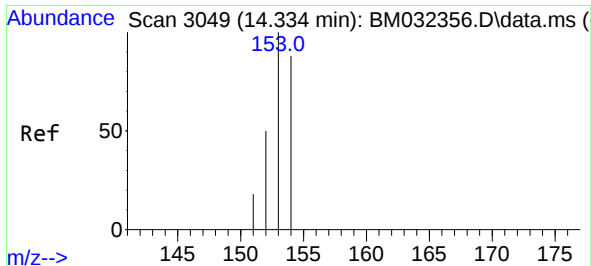
Tgt Ion:152 Resp: 2043
Ion Ratio Lower Upper
152 100
151 27.1 16.0 24.0#
153 0.0 10.7 16.1#



Instrument :
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ClientSampled :
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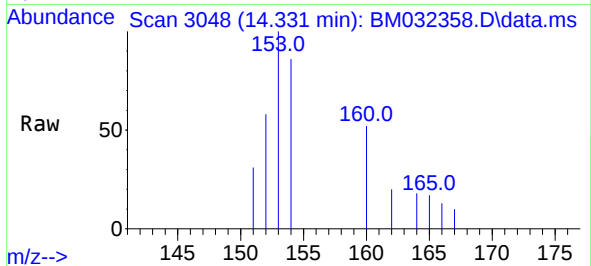
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#11
Acenaphthene
Concen: 0.03 ng/ul
RT: 14.331 min Scan# 3048
Delta R.T. -0.004 min
Lab File: BM032358.D
Acq: 07 Oct 2021 16:05

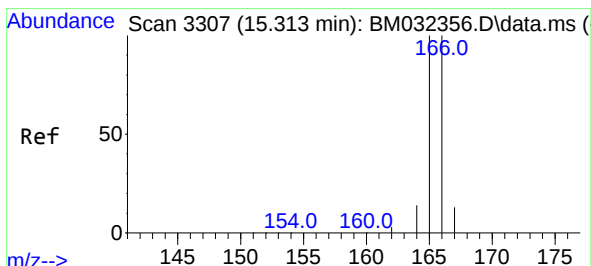
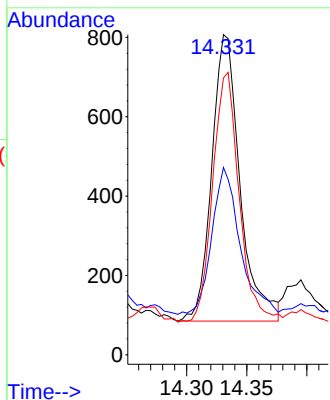
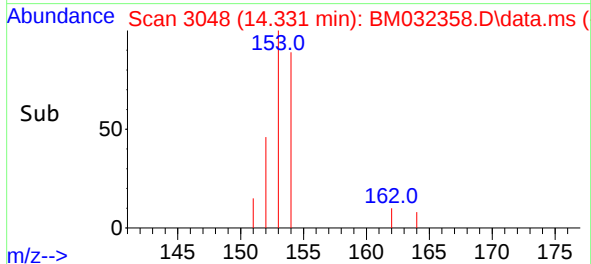
Instrument :
BNA_M
ClientSampled :
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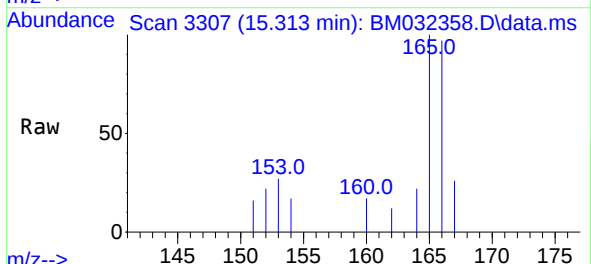
Tgt Ion:	153	Resp:	1184
Ion	Ratio	Lower	Upper
153	100		
152	58.5	41.6	62.4
154	86.5	71.2	106.8

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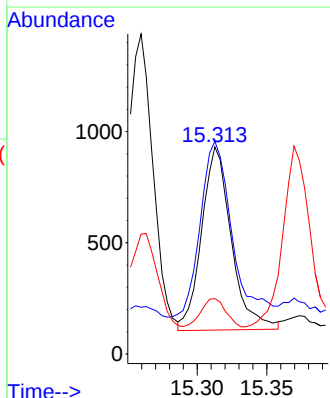
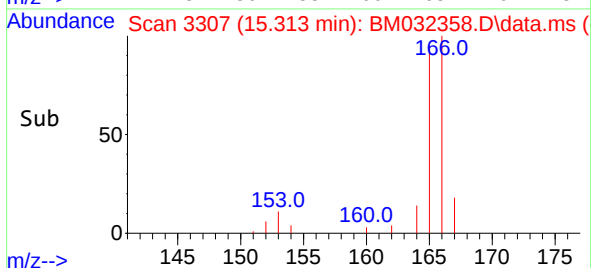
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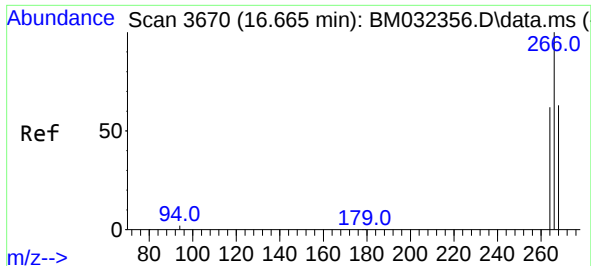


#12
Fluorene
Concen: 0.02 ng/ul
RT: 15.313 min Scan# 3307
Delta R.T. 0.000 min
Lab File: BM032358.D
Acq: 07 Oct 2021 16:05



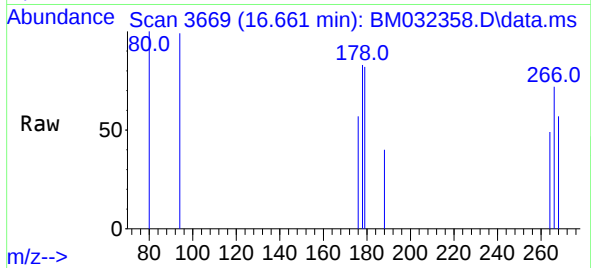
Tgt Ion:	166	Resp:	1221
Ion	Ratio	Lower	Upper
166	100		
165	102.8	79.4	119.2
167	26.7	10.8	16.2#





#14
Pentachlorophenol
Concen: 0.03 ng/ul
RT: 16.661 min Scan# 3669
Delta R.T. -0.003 min
Lab File: BM032358.D
Acq: 07 Oct 2021 16:05

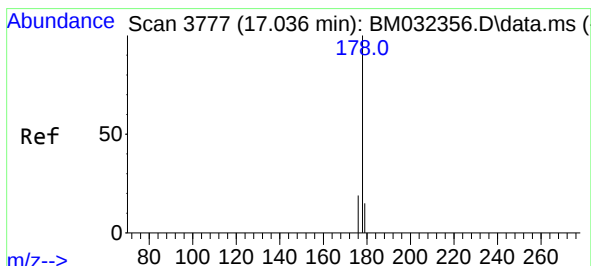
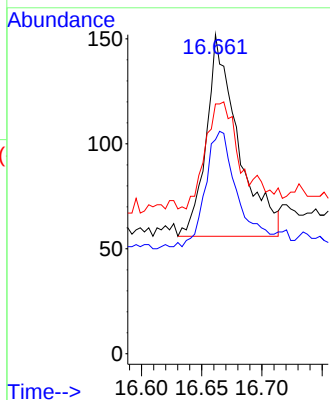
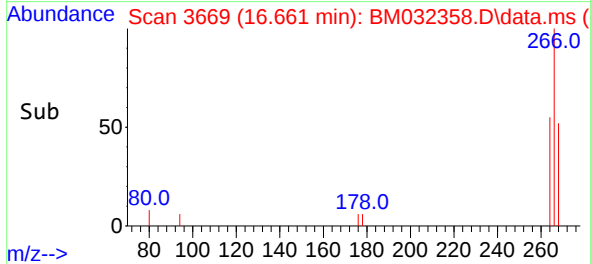
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ClientSampled :
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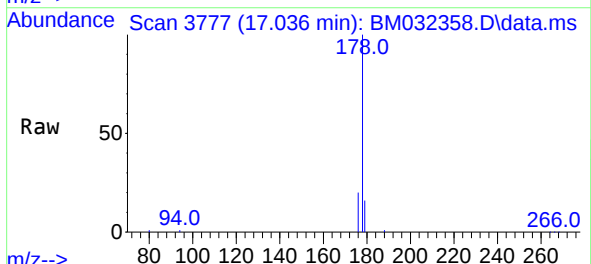
Tgt Ion:	266	Resp:	177
Ion	Ratio	Lower	Upper
266	100		
264	57.6	49.8	74.8
268	61.6	50.4	75.6

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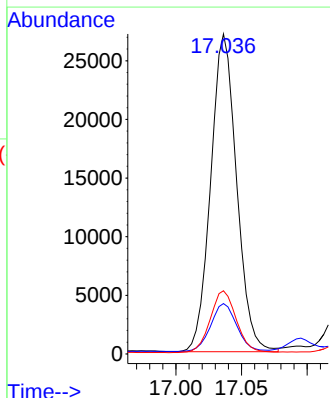
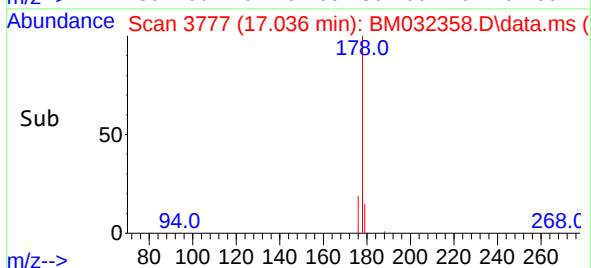
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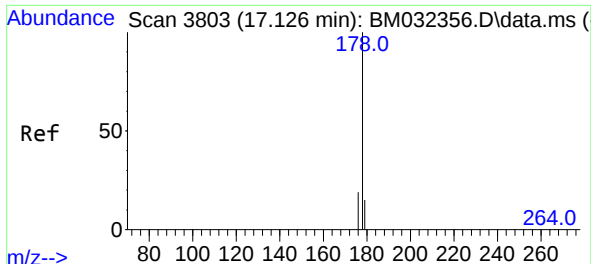


#15
Phenanthrene
Concen: 0.46 ng/ul
RT: 17.036 min Scan# 3777
Delta R.T. 0.000 min
Lab File: BM032358.D
Acq: 07 Oct 2021 16:05



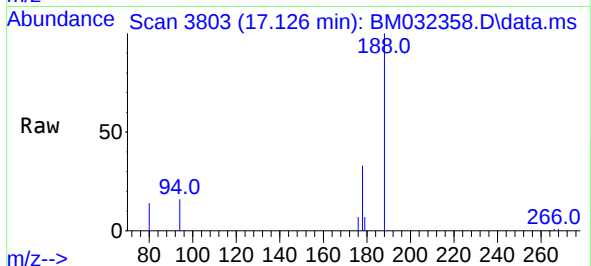
Tgt Ion:	178	Resp:	37293
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	19.7	15.8	23.6





#16
 Anthracene
 Concen: 0.08 ng/ul
 RT: 17.126 min Scan# 3803
 Delta R.T. 0.000 min
 Lab File: BM032358.D
 Acq: 07 Oct 2021 16:05

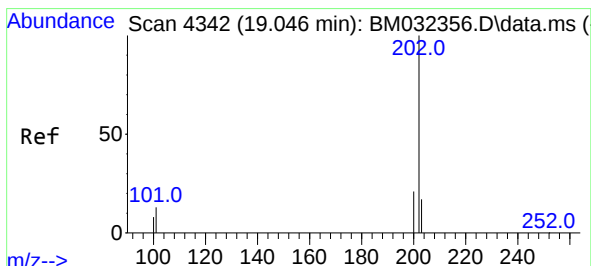
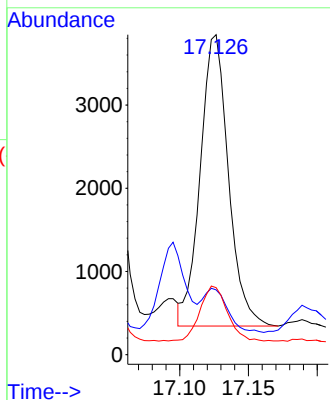
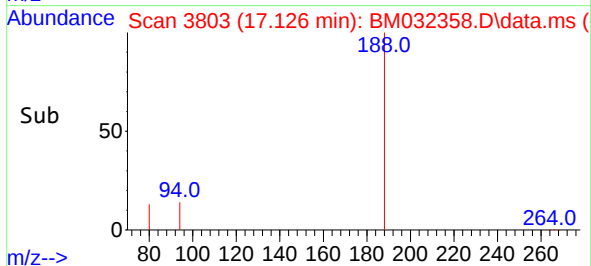
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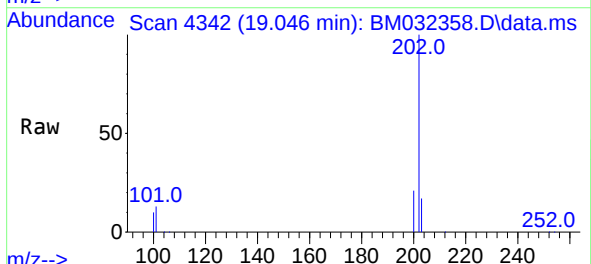
Tgt Ion:	178	Resp:	4987
Ion	Ratio	Lower	Upper
178	100		
179	20.3	12.7	19.1#
176	20.9	15.3	22.9

Manual Integrations
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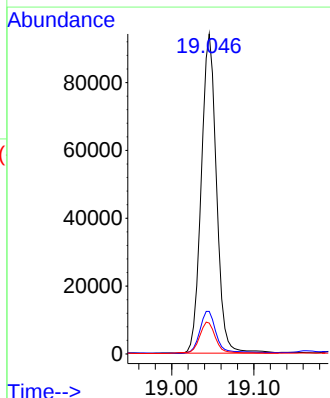
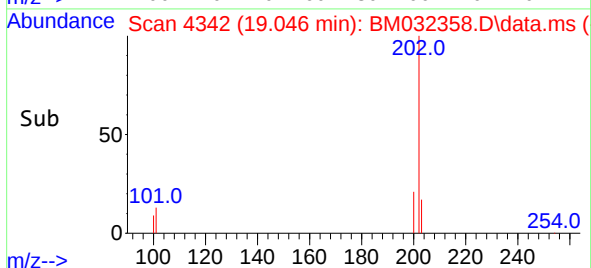
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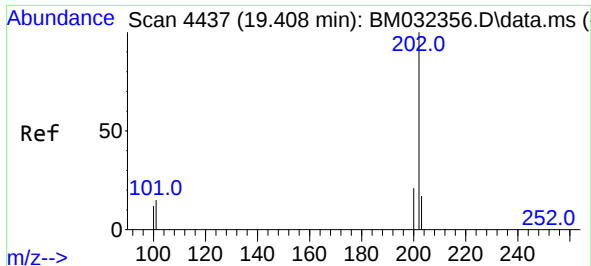


#19
 Fluoranthene
 Concen: 1.43 ng/ul
 RT: 19.046 min Scan# 4342
 Delta R.T. 0.000 min
 Lab File: BM032358.D
 Acq: 07 Oct 2021 16:05



Tgt Ion:	202	Resp:	121133
Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.8	14.8
100	9.6	7.2	10.8





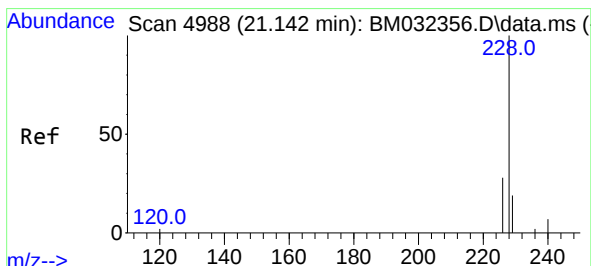
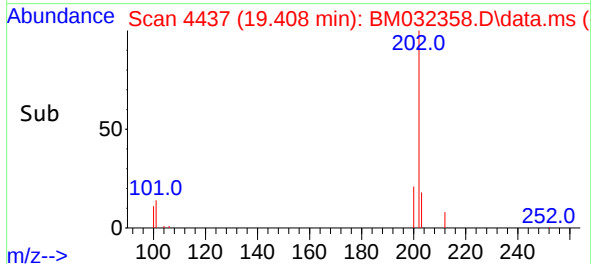
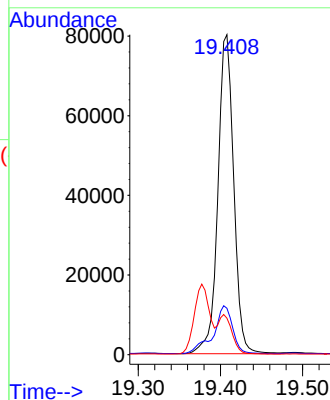
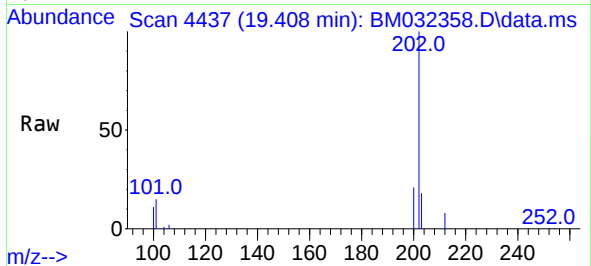
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Pyrene
Concen: 1.26 ng/ul
RT: 19.408 min Scan# 4437
Delta R.T. 0.000 min
Lab File: BM032358.D
Acq: 07 Oct 2021 16:05

Tgt Ion:202 Resp: 107302
Ion Ratio Lower Upper
202 100
101 14.5 12.1 18.1
100 11.4 9.8 14.6

Instrument :
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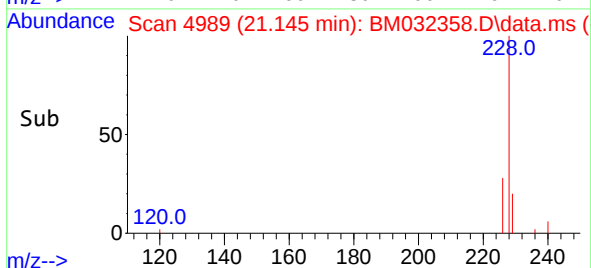
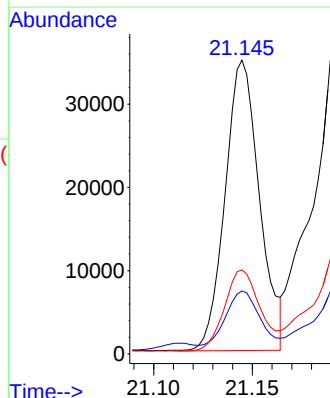
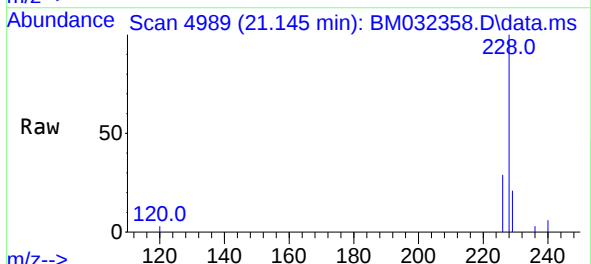
Manual Integrations
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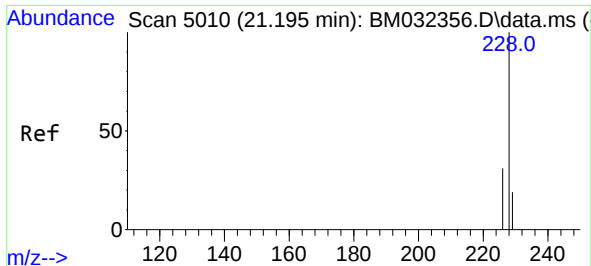
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10/11/2021 2:08:31 PM



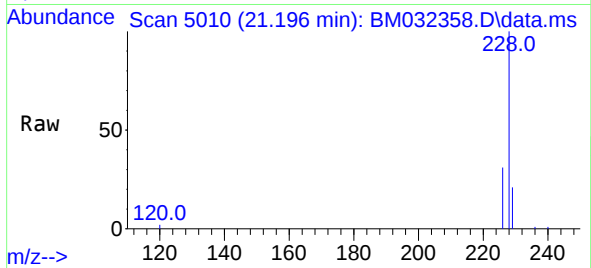
#21
Benzo(a)anthracene
Concen: 0.59 ng/ul
RT: 21.145 min Scan# 4989
Delta R.T. 0.002 min
Lab File: BM032358.D
Acq: 07 Oct 2021 16:05

Tgt Ion:228 Resp: 42266
Ion Ratio Lower Upper
228 100
229 21.5 16.0 24.0
226 28.6 22.3 33.5

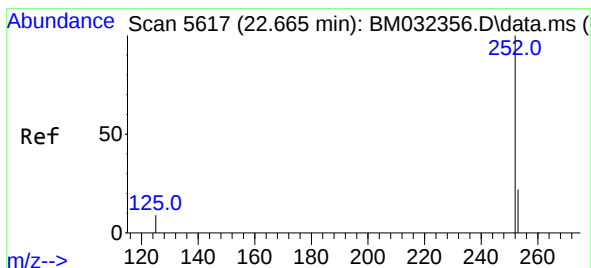
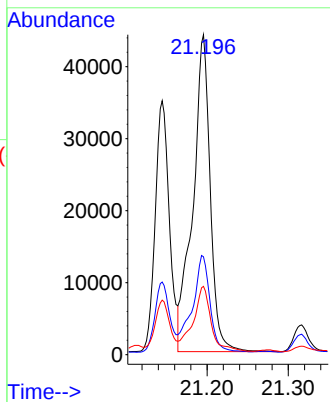
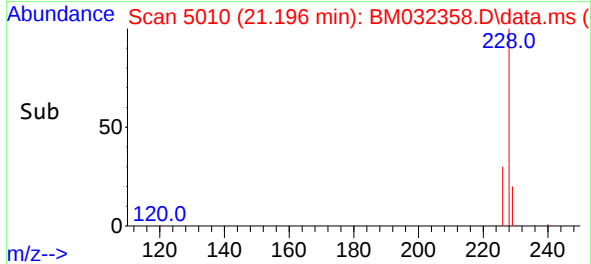




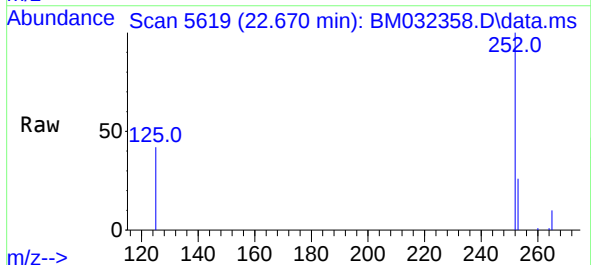
#22
Chrysene
Concen: 0.78 ng/ul
RT: 21.196 min Scan# 5010
Delta R.T. 0.000 min
Lab File: BM032358.D
Acq: 07 Oct 2021 16:05



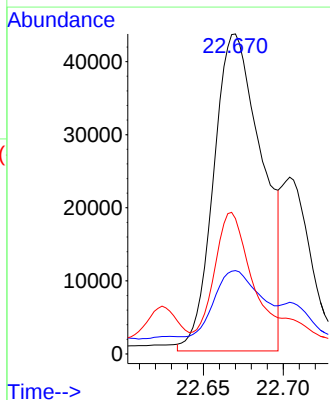
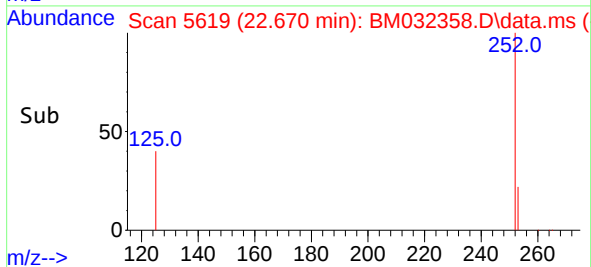
Tgt Ion:228 Resp: 65450
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 21.3 15.6 23.4



#24
Benzo(b)fluoranthene
Concen: 0.96 ng/ul m
RT: 22.670 min Scan# 5619
Delta R.T. 0.005 min
Lab File: BM032358.D
Acq: 07 Oct 2021 16:05



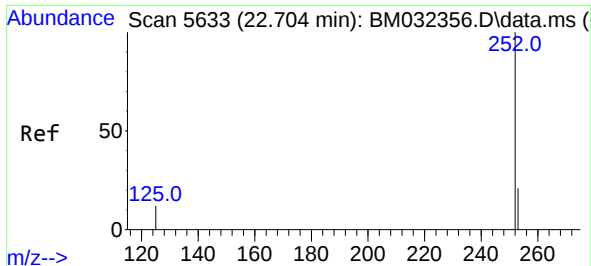
Tgt Ion:252 Resp: 91372
Ion Ratio Lower Upper
252 100
253 26.0 0.0 58.0
125 42.3 0.0 31.4#



Instrument :
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ClientSampled :
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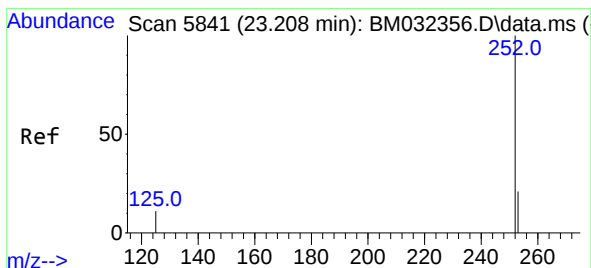
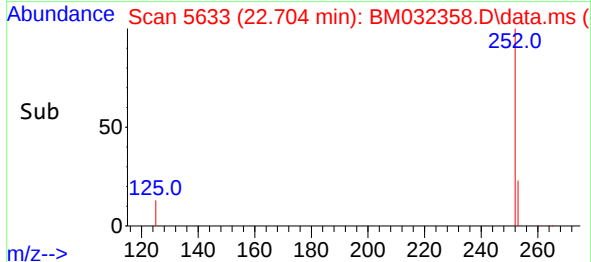
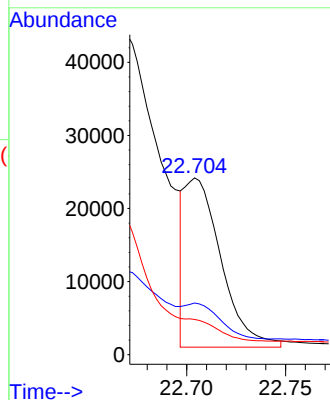
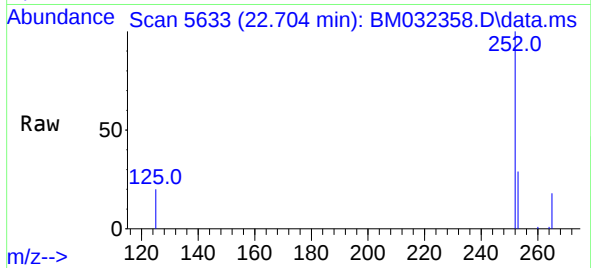
#25
Benzo(k)fluoranthene
Concen: 0.32 ng/ul m
RT: 22.704 min Scan# 5633
Delta R.T. 0.000 min
Lab File: BM032358.D
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Tgt Ion:252	Resp:	29741
Ion Ratio	Lower	Upper
252	100	
253	29.2	22.9 34.3
125	19.9	12.9 19.3#

Instrument :
BNA_M
ClientSampleId :
EW403

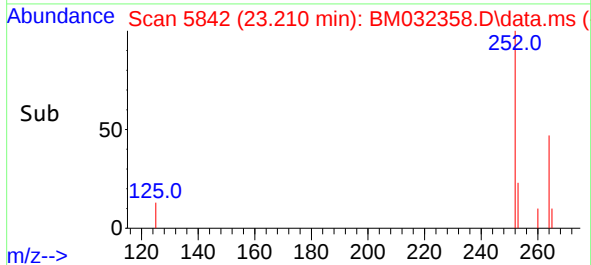
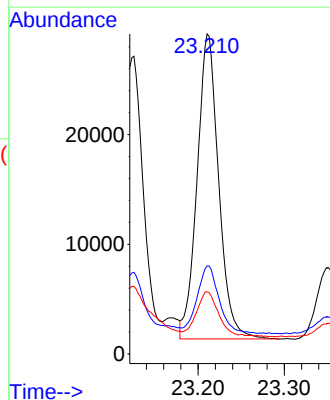
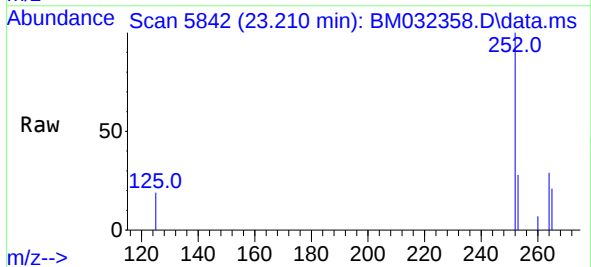
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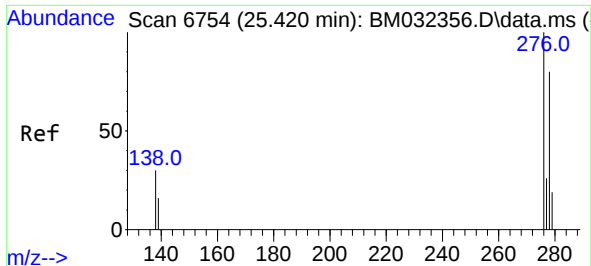
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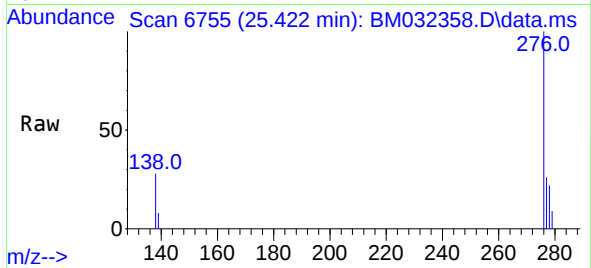
#26
Benzo(a)pyrene
Concen: 0.68 ng/ul
RT: 23.210 min Scan# 5842
Delta R.T. 0.002 min
Lab File: BM032358.D
Acq: 07 Oct 2021 16:05

Tgt Ion:252	Resp:	48429
Ion Ratio	Lower	Upper
252	100	
253	27.5	25.8 38.8
125	19.4	15.4 23.2

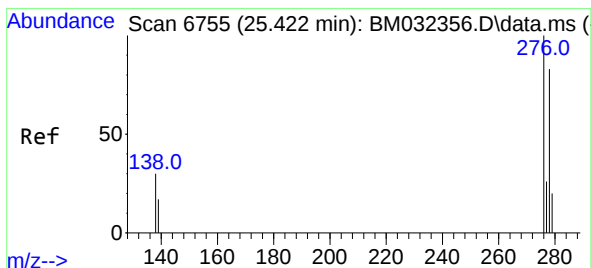
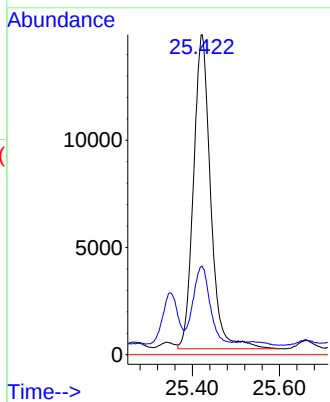
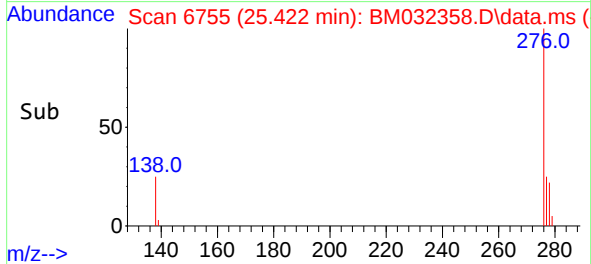




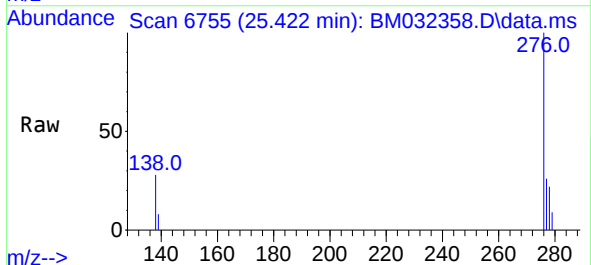
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.44 ng/ul
RT: 25.422 min Scan# 6755
Delta R.T. 0.002 min
Lab File: BM032358.D
Acq: 07 Oct 2021 16:05



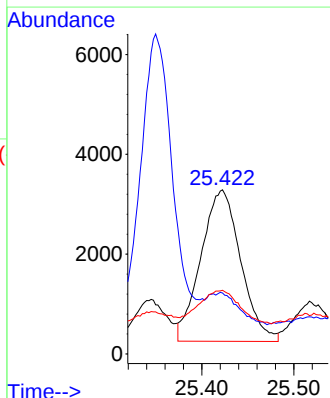
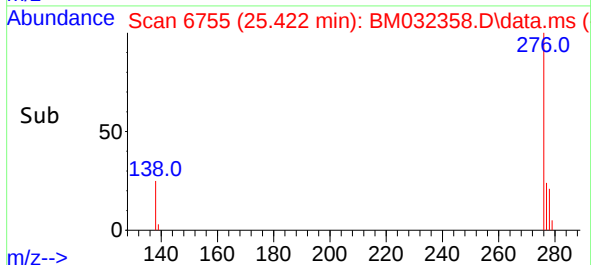
Tgt Ion: 276 Resp: 40033
Ion Ratio Lower Upper
276 100
138 27.1 24.3 36.5
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.12 ng/ul
RT: 25.422 min Scan# 6755
Delta R.T. 0.000 min
Lab File: BM032358.D
Acq: 07 Oct 2021 16:05



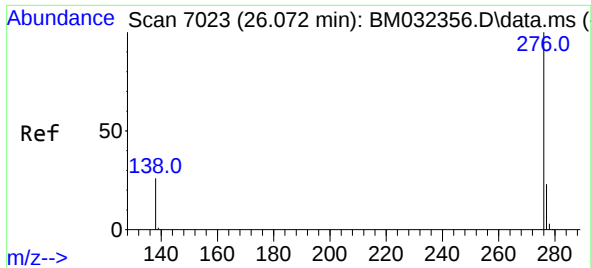
Tgt Ion: 278 Resp: 9132
Ion Ratio Lower Upper
278 100
139 37.2 16.6 24.8#
279 38.8 23.0 34.6#



Instrument :
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#29
 Benzo(g,h,i)perylene
 Concen: 0.41 ng/ul
 RT: 26.072 min Scan# 7023
 Delta R.T. 0.000 min
 Lab File: BM032358.D
 Acq: 07 Oct 2021 16:05

Tgt Ion:	276	Resp:	35704
Ion Ratio	Lower	Upper	
276	100		
138	28.1	21.0	31.4
277	25.5	19.8	29.8

Instrument :
 BNA_M
 ClientSampleId :
 EW403

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