

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
 Data File : BM032256.D
 Acq On : 29 Sep 2021 01:17
 Operator : CG/JU
 Sample : M3755-04
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ3

Manual Integrations
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Quant Time: Sep 29 03:25:55 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 : Mon Sep 27 13:37:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	6746	0.400	ng/ul	0.00
4) Naphthalene-d8	10.447	136	20253	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.300	164	9363	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.026	188	16913	0.400	ng/ul	0.00
17) Chrysene-d12	21.186	240	13973	0.400	ng/ul	0.00
23) Perylene-d12	23.351	264	12660	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.989	96	25035	3.452	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.039	152	5235	0.194	ng/ul	0.00
18) Fluoranthene-d10	19.046	212	9516	0.251	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.496	128	7613	0.127	ng/ul	97
7) 2-Methylnaphthalene	12.111	142	5299	0.138	ng/ul	99
8) 1-Methylnaphthalene	12.332	142	5503	0.146	ng/ul	100
10) Acenaphthylene	14.020	152	3542	0.094	ng/ul#	91
11) Acenaphthene	14.361	153	10335	0.299	ng/ul	99
12) Fluorene	15.343	166	11369	0.290	ng/ul	99
15) Phenanthrene	17.068	178	138719	2.519	ng/ul	99
16) Anthracene	17.154	178	31161	0.687	ng/ul	100
19) Fluoranthene	19.076	202	256427	4.396	ng/ul	100
20) Pyrene	19.438	202	215445	3.684	ng/ul	97
21) Benzo(a)anthracene	21.171	228	97397	1.971	ng/ul	99
22) Chrysene	21.222	228	101758	1.760	ng/ul	99
24) Benzo(b)fluoranthene	22.707	252	129280m	1.969	ng/ul	
25) Benzo(k)fluoranthene	22.743	252	48139m	0.758	ng/ul	
26) Benzo(a)pyrene	23.254	252	87586	1.775	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.490	276	58906	0.933	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.490	278	14682	0.286	ng/ul	95
29) Benzo(g,h,i)perylene	26.149	276	50666	0.848	ng/ul	100

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

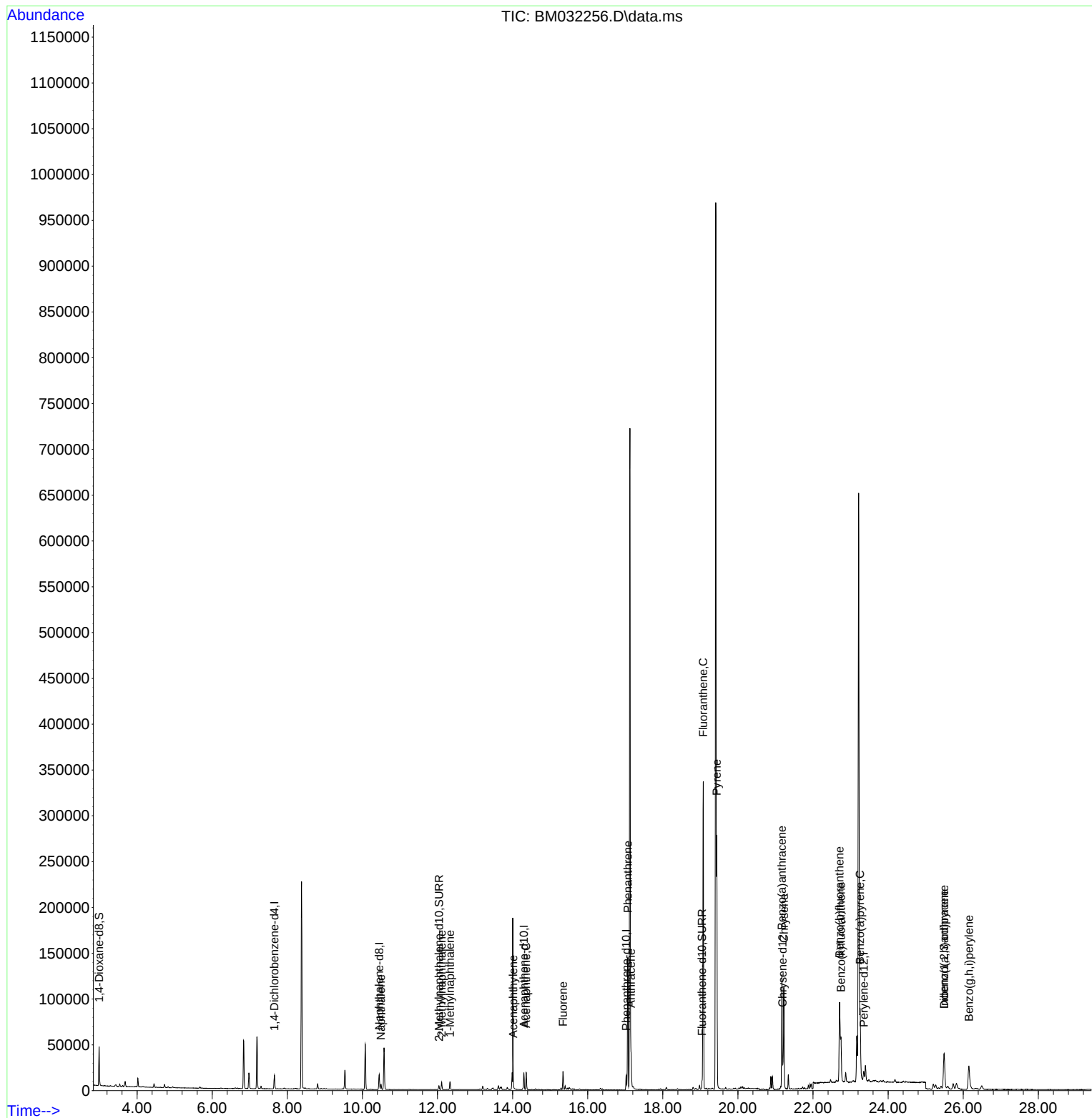
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
Data File : BM032256.D
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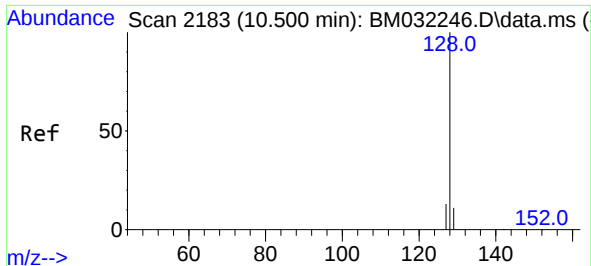
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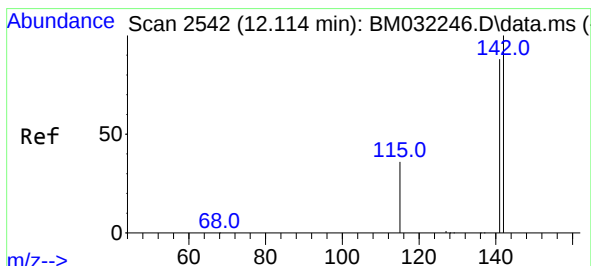
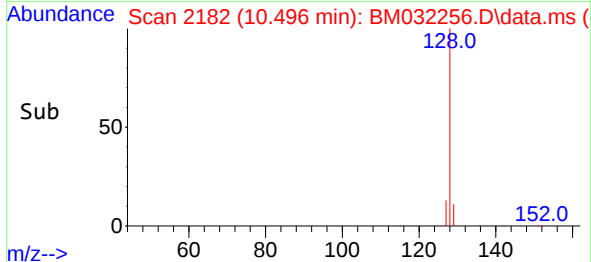
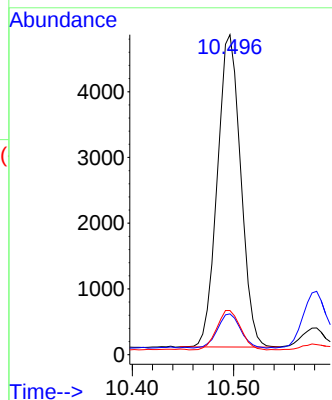
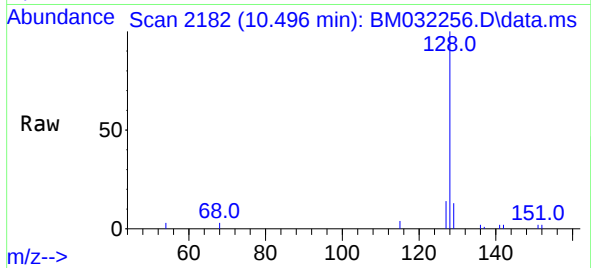
#5
Naphthalene
Concen: 0.127 ng/ul
RT: 10.496 min Scan# 2182
Delta R.T. -0.009 min
Lab File: BM032256.D
Acq: 29 Sep 2021 01:17

Tgt Ion:	128	Resp:	7613
Ion Ratio	Lower	Upper	
128	100		
129	12.8	9.0	13.4
127	13.8	10.5	15.7

Instrument :
BNA_M
ClientSampled :
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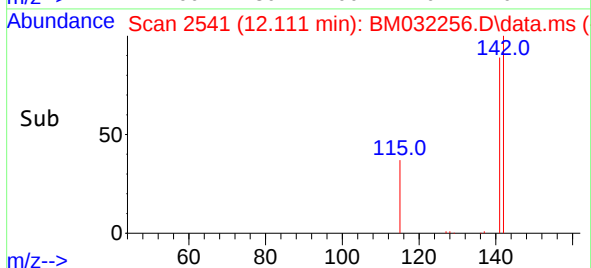
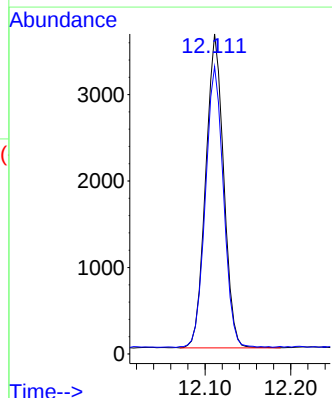
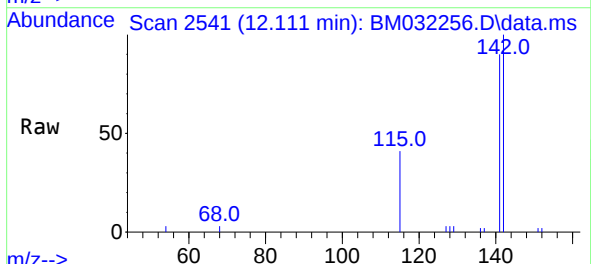
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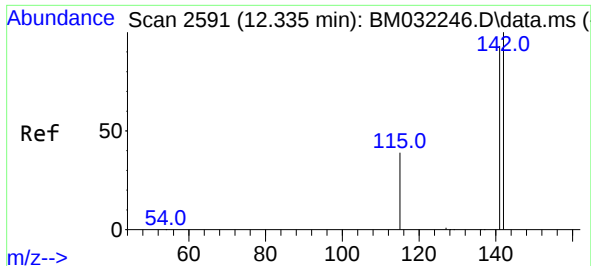
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#7
2-Methylnaphthalene
Concen: 0.138 ng/ul
RT: 12.111 min Scan# 2541
Delta R.T. -0.009 min
Lab File: BM032256.D
Acq: 29 Sep 2021 01:17

Tgt Ion:	142	Resp:	5299
Ion Ratio	Lower	Upper	
142	100		
141	90.0	71.2	106.8





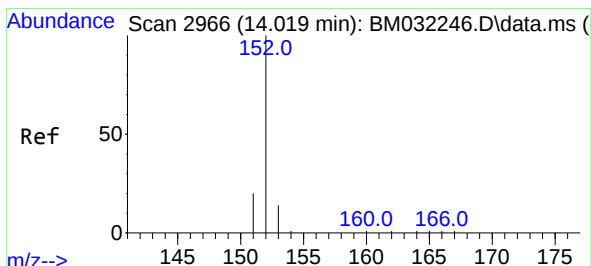
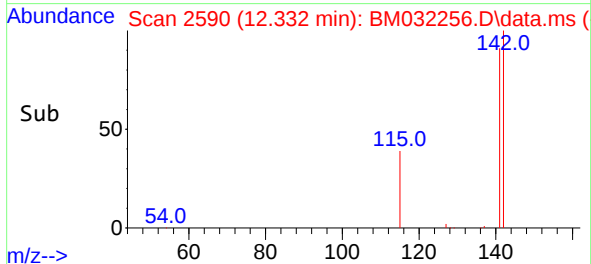
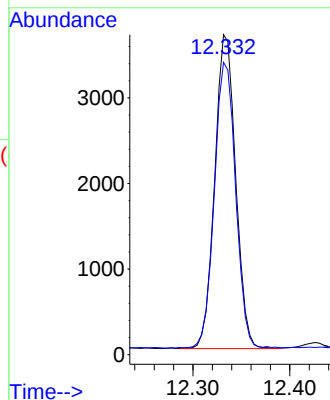
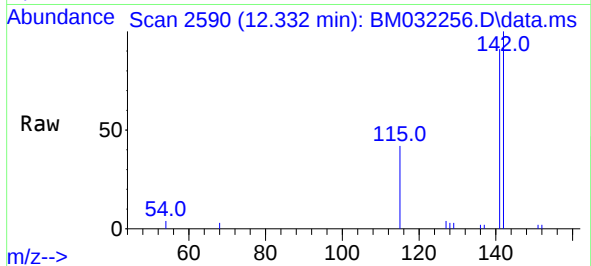
#8
1-Methylnaphthalene
Concen: 0.146 ng/ul
RT: 12.332 min Scan# 2590
Delta R.T. -0.009 min
Lab File: BM032256.D
Acq: 29 Sep 2021 01:17

Tgt Ion:142 Resp: 5503
Ion Ratio Lower Upper
142 100
141 92.6 73.8 110.6

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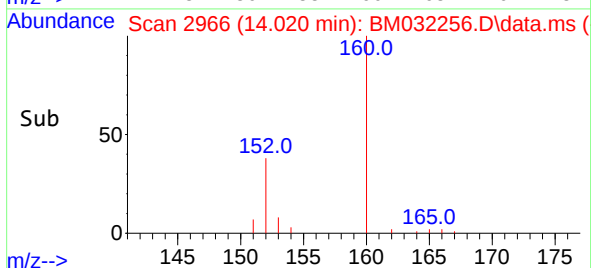
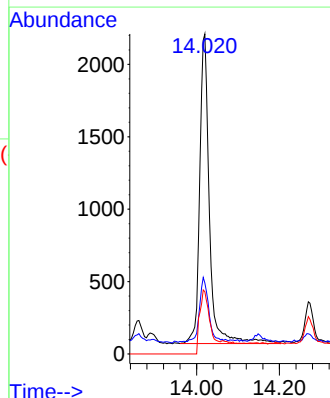
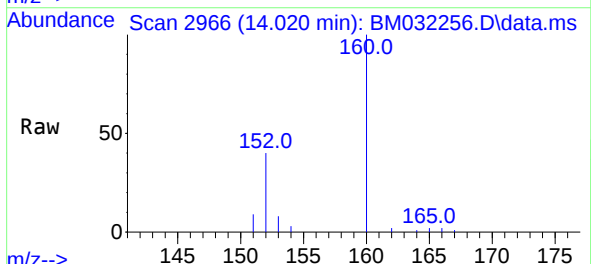
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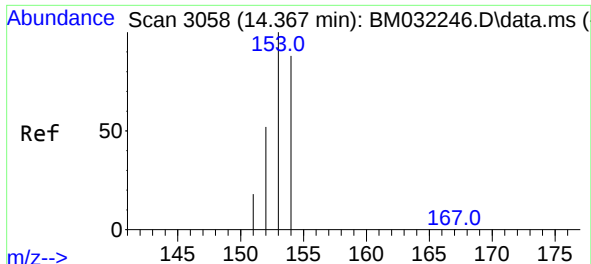
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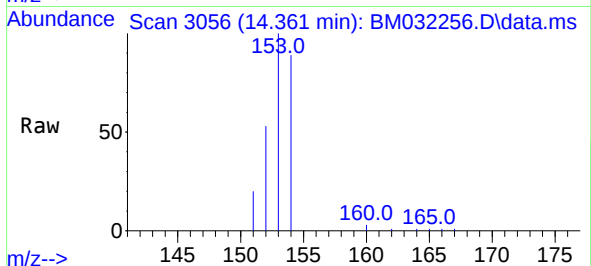
#10
Acenaphthylene
Concen: 0.094 ng/ul
RT: 14.020 min Scan# 2966
Delta R.T. -0.004 min
Lab File: BM032256.D
Acq: 29 Sep 2021 01:17

Tgt Ion:152 Resp: 3542
Ion Ratio Lower Upper
152 100
151 22.2 16.0 24.0
153 19.5 10.7 16.1#

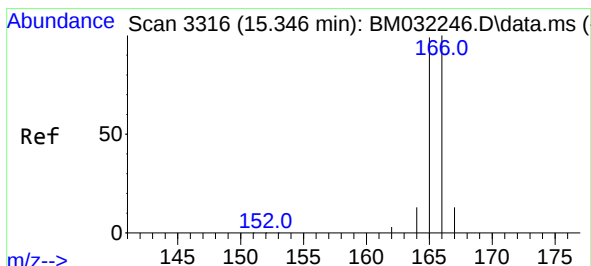
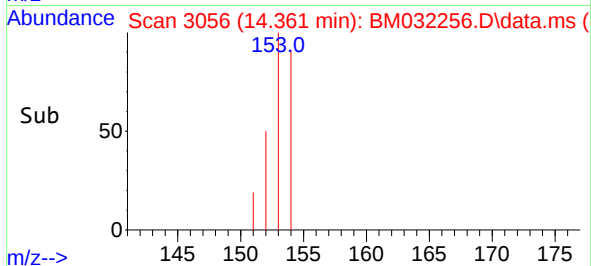
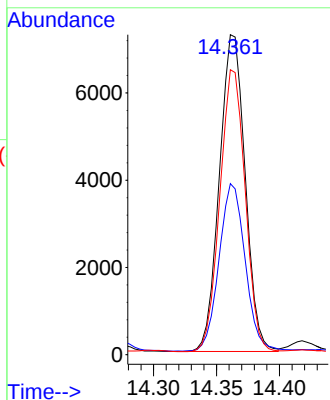




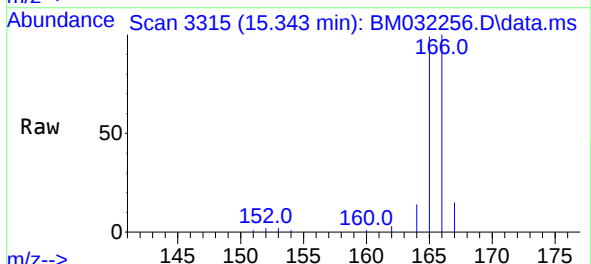
#11
Acenaphthene
Concen: 0.299 ng/ul
RT: 14.361 min Scan# 3056
Delta R.T. -0.008 min
Lab File: BM032256.D
Acq: 29 Sep 2021 01:17



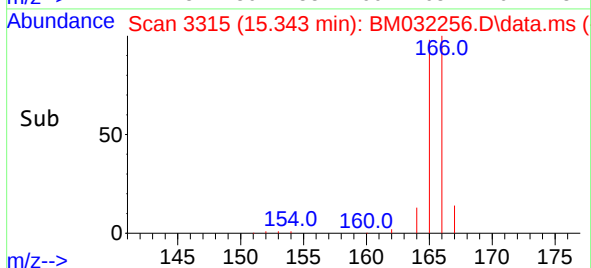
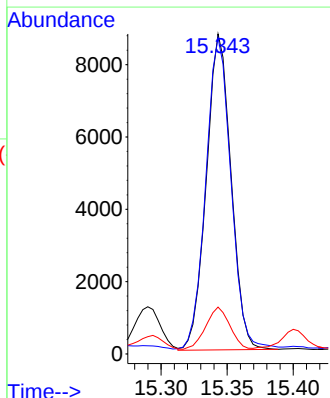
Tgt Ion:	153	Resp:	10335
Ion Ratio	Lower	Upper	
153	100		
152	53.4	41.6	62.4
154	89.1	71.2	106.8



#12
Fluorene
Concen: 0.290 ng/ul
RT: 15.343 min Scan# 3315
Delta R.T. -0.008 min
Lab File: BM032256.D
Acq: 29 Sep 2021 01:17



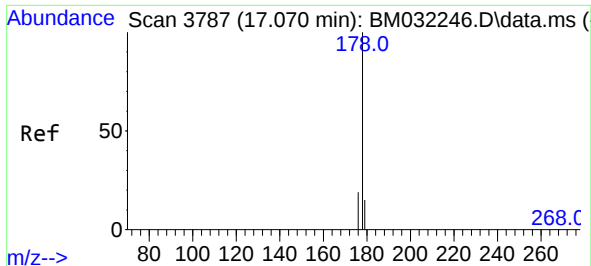
Tgt Ion:	166	Resp:	11369
Ion Ratio	Lower	Upper	
166	100		
165	98.8	79.4	119.2
167	14.6	10.8	16.2



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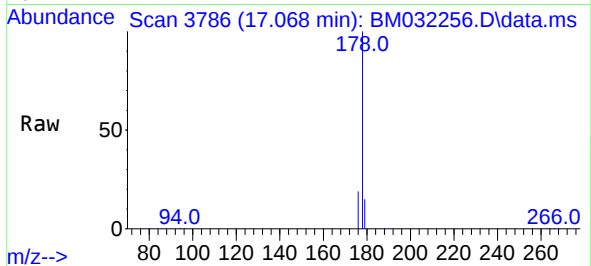
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#15
Phenanthrene
Concen: 2.519 ng/ul
RT: 17.068 min Scan# 3786
Delta R.T. -0.007 min
Lab File: BM032256.D
Acq: 29 Sep 2021 01:17

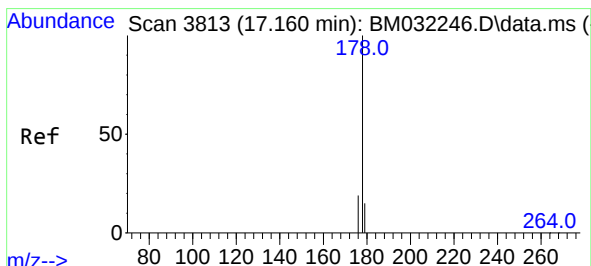
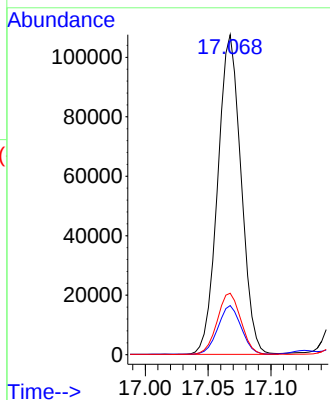
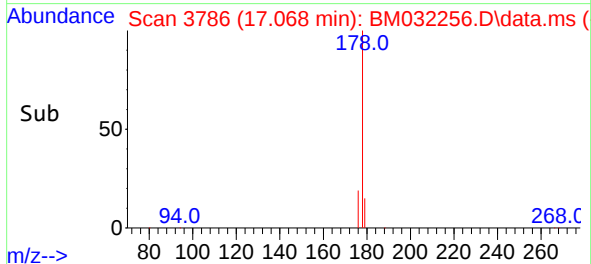
Instrument :
BNA_M
ClientSampled :
C0AJ3



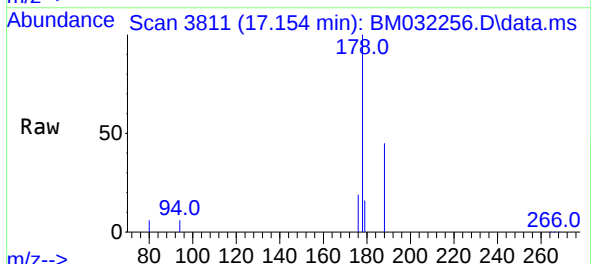
Tgt Ion:178 Resp: 138719
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 19.2 15.8 23.6

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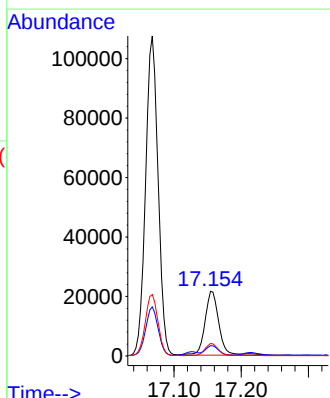
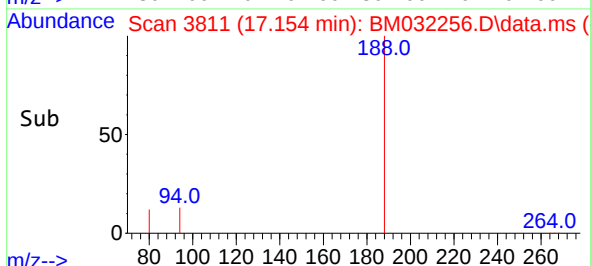
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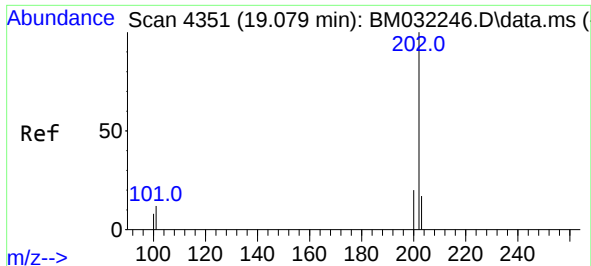


#16
Anthracene
Concen: 0.687 ng/ul
RT: 17.154 min Scan# 3811
Delta R.T. -0.010 min
Lab File: BM032256.D
Acq: 29 Sep 2021 01:17



Tgt Ion:178 Resp: 31161
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 19.3 15.3 22.9





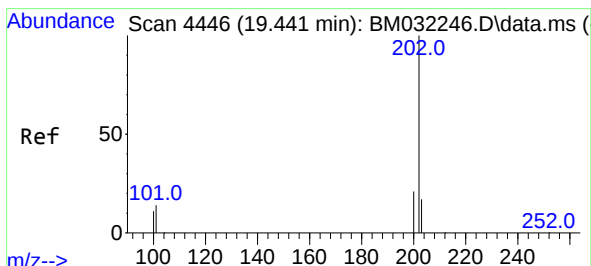
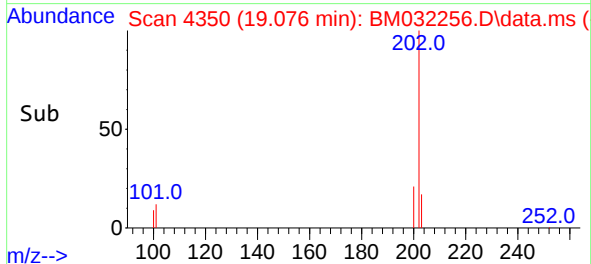
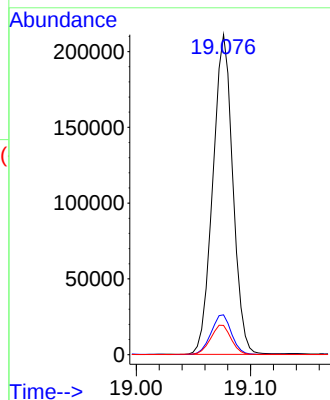
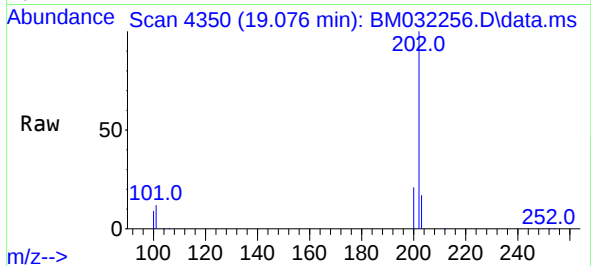
#19
Fluoranthene
Concen: 4.396 ng/u1
RT: 19.076 min Scan# 4350
Delta R.T. -0.008 min
Lab File: BM032256.D
Acq: 29 Sep 2021 01:17

Tgt Ion:202 Resp: 256427
Ion Ratio Lower Upper
202 100
101 12.5 9.8 14.8
100 9.1 7.2 10.8

Instrument :
BNA_M
ClientSampled :
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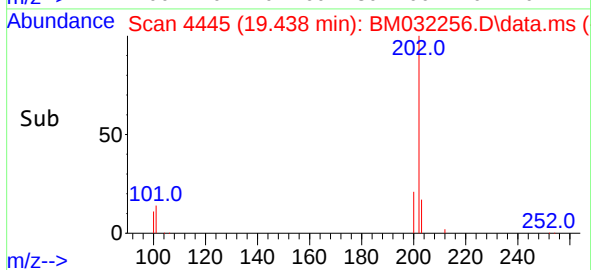
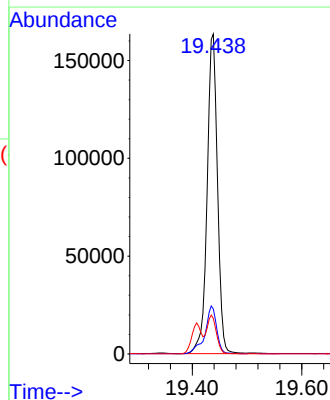
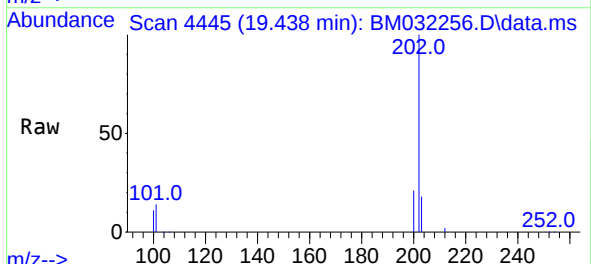
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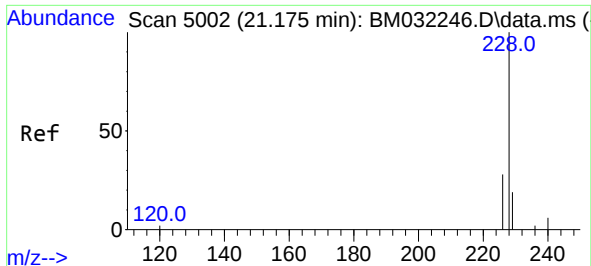
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#20
Pyrene
Concen: 3.684 ng/u1
RT: 19.438 min Scan# 4445
Delta R.T. -0.004 min
Lab File: BM032256.D
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Tgt Ion:202 Resp: 215445
Ion Ratio Lower Upper
202 100
101 14.1 12.1 18.1
100 11.1 9.8 14.6





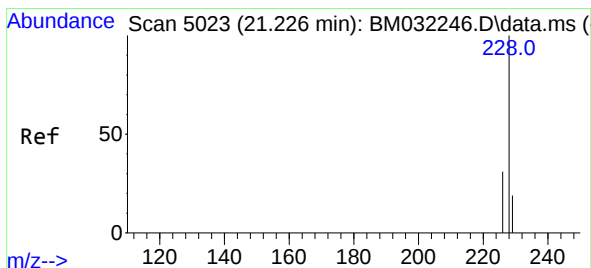
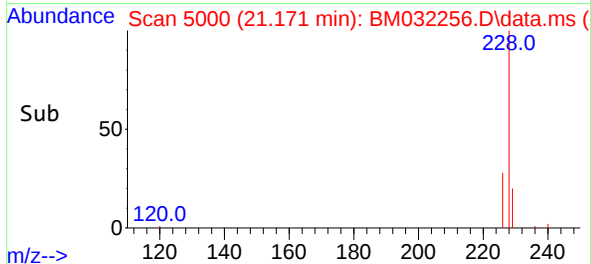
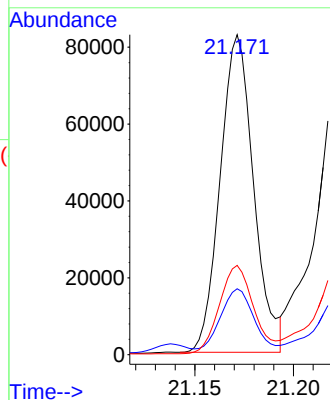
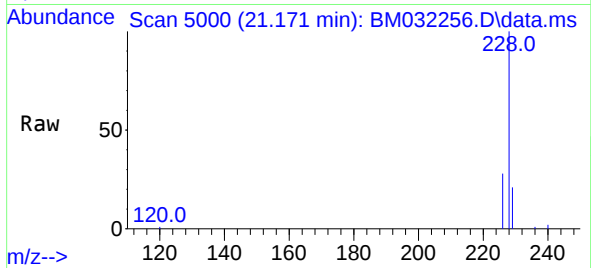
#21
Benzo(a)anthracene
Concen: 1.971 ng/ul
RT: 21.171 min Scan# 5000
Delta R.T. -0.007 min
Lab File: BM032256.D
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Tgt Ion:228	Resp:	97397
Ion Ratio	Lower	Upper
228	100	
229	20.6	16.0 24.0
226	27.9	22.3 33.5

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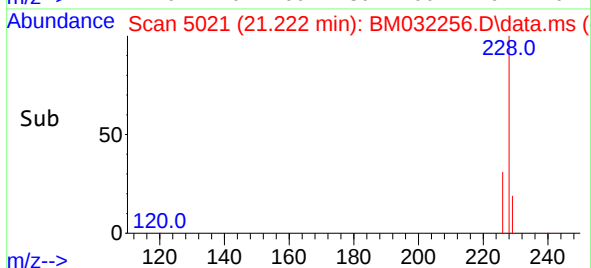
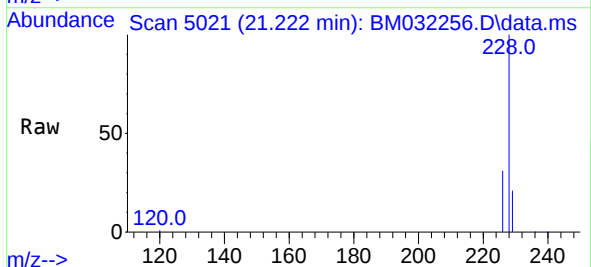
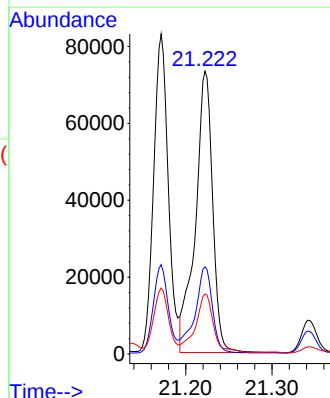
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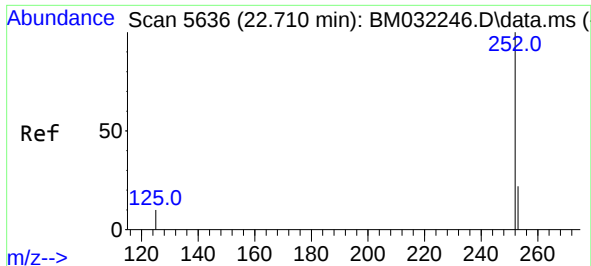
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#22
Chrysene
Concen: 1.760 ng/ul
RT: 21.222 min Scan# 5021
Delta R.T. -0.007 min
Lab File: BM032256.D
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Tgt Ion:228	Resp:	101758
Ion Ratio	Lower	Upper
228	100	
226	30.8	24.6 37.0
229	21.2	15.6 23.4





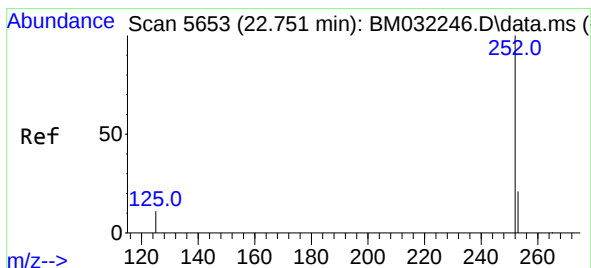
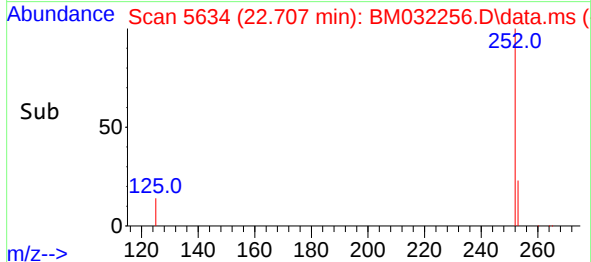
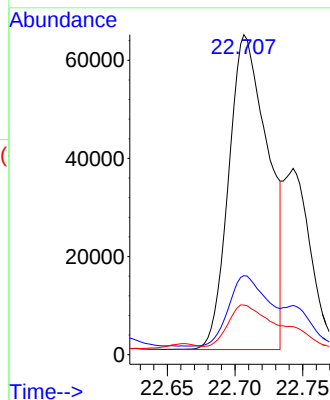
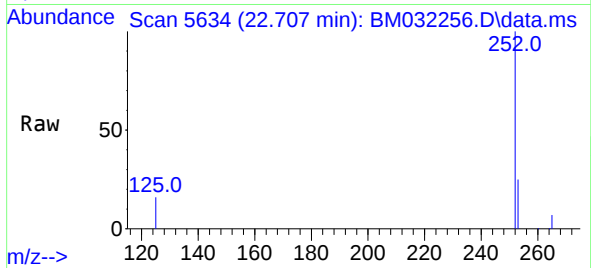
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Benzo(b)fluoranthene
Concen: 1.969 ng/ul m
RT: 22.707 min Scan# 5634
Delta R.T. -0.007 min
Lab File: BM032256.D
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Tgt Ion:252 Resp: 129280
Ion Ratio Lower Upper
252 100
253 24.7 0.0 58.0
125 15.5 0.0 31.4

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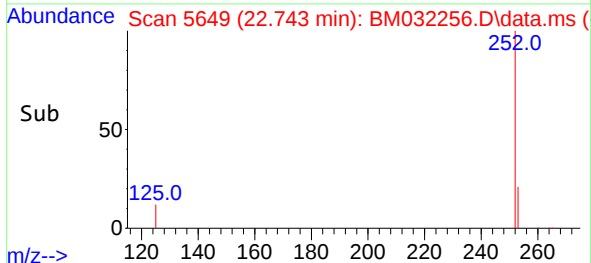
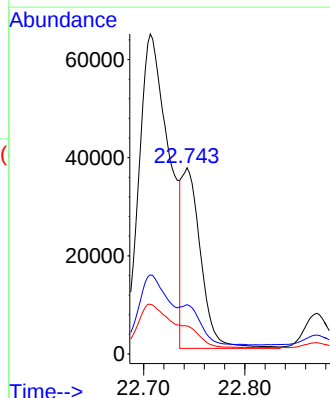
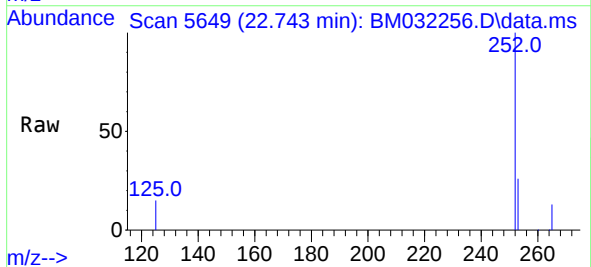
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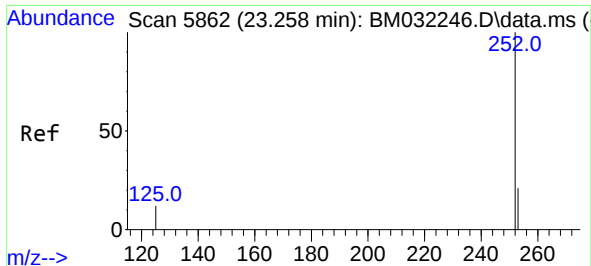
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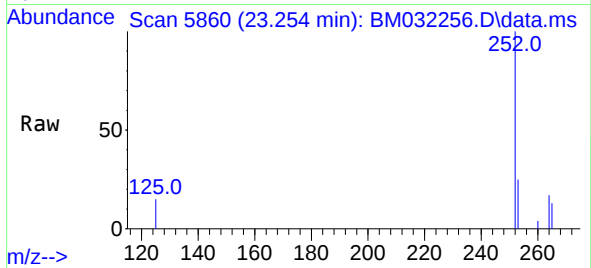
#25
Benzo(k)fluoranthene
Concen: 0.758 ng/ul m
RT: 22.743 min Scan# 5649
Delta R.T. -0.012 min
Lab File: BM032256.D
Acq: 29 Sep 2021 01:17

Tgt Ion:252 Resp: 48139
Ion Ratio Lower Upper
252 100
253 26.5 22.9 34.3
125 15.1 12.9 19.3

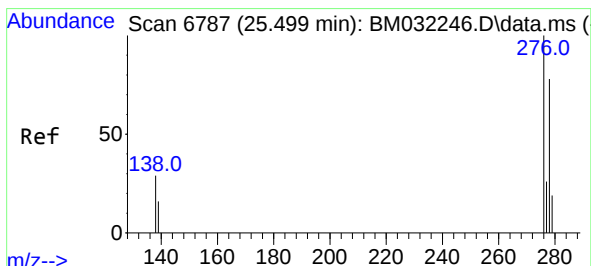
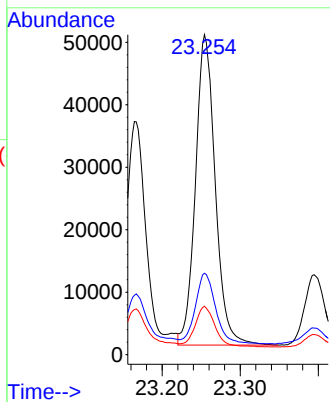
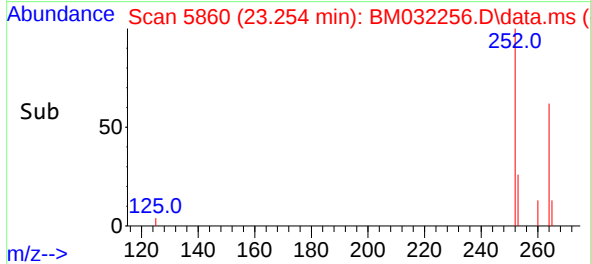




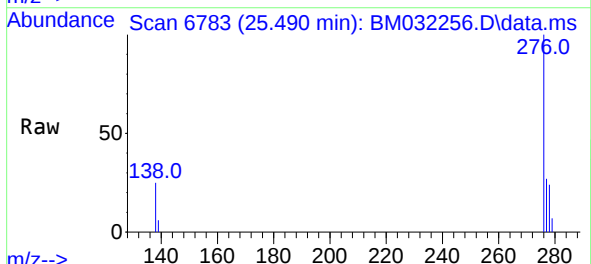
#26
Benzo(a)pyrene
Concen: 1.775 ng/ul
RT: 23.254 min Scan# 5860
Delta R.T. -0.010 min
Lab File: BM032256.D
Acq: 29 Sep 2021 01:17



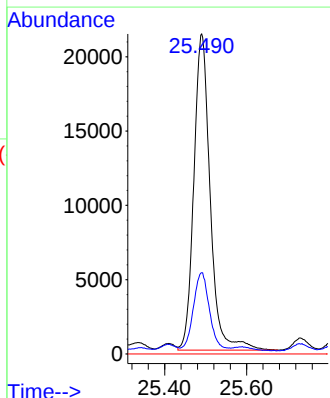
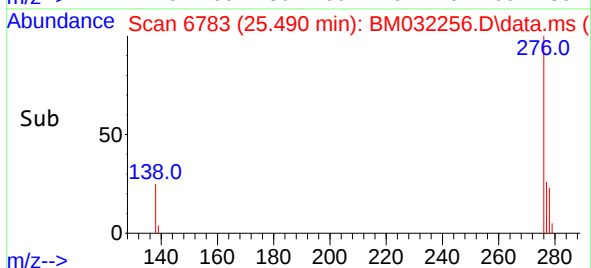
Tgt Ion:252 Resp: 87586
Ion Ratio Lower Upper
252 100
253 25.5 25.8 38.8#
125 15.1 15.4 23.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.933 ng/ul
RT: 25.490 min Scan# 6783
Delta R.T. -0.015 min
Lab File: BM032256.D
Acq: 29 Sep 2021 01:17



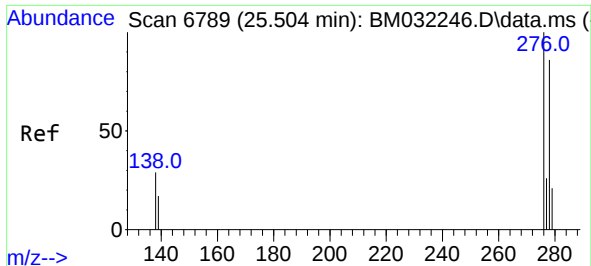
Tgt Ion:276 Resp: 58906
Ion Ratio Lower Upper
276 100
138 26.1 24.3 36.5
227 0.0 0.0 0.0



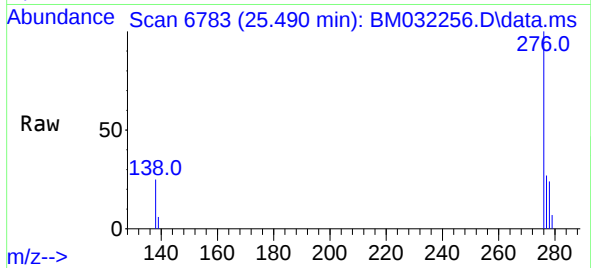
Instrument :
BNA_M
ClientSampled :
C0AJ3

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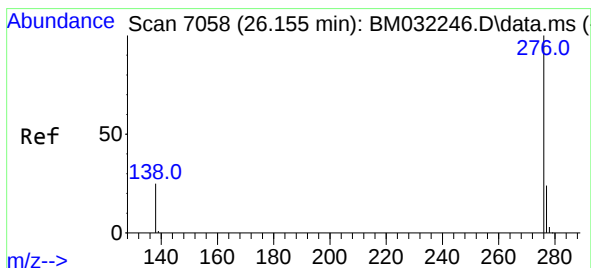
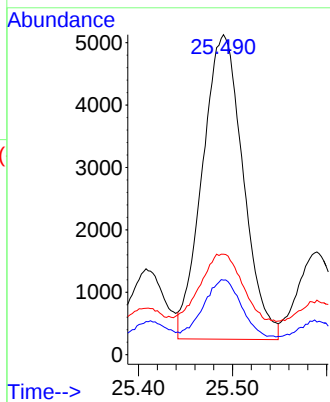
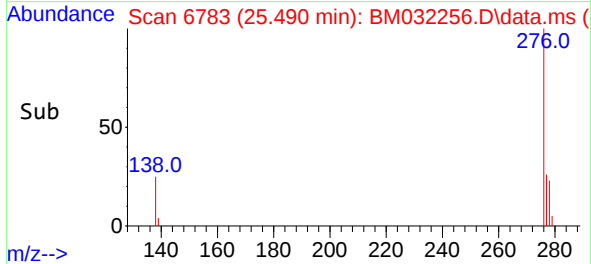
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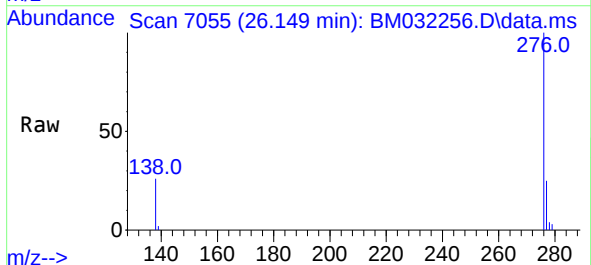
#28
Dibenzo(a,h)anthracene
Concen: 0.286 ng/ul
RT: 25.490 min Scan# 6783
Delta R.T. -0.019 min
Lab File: BM032256.D
Acq: 29 Sep 2021 01:17



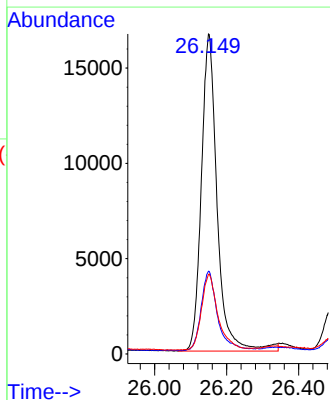
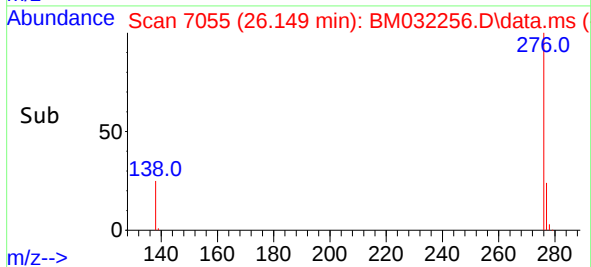
Tgt Ion: 278 Resp: 14682
Ion Ratio Lower Upper
278 100
139 23.3 16.6 24.8
279 31.4 23.0 34.6



#29
Benzo(g,h,i)perylene
Concen: 0.848 ng/ul
RT: 26.149 min Scan# 7055
Delta R.T. -0.015 min
Lab File: BM032256.D
Acq: 29 Sep 2021 01:17



Tgt Ion: 276 Resp: 50666
Ion Ratio Lower Upper
276 100
138 25.8 21.0 31.4
277 24.8 19.8 29.8



Instrument :
BNA_M
ClientSampleId :
C0AJ3

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