

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
 Data File : BM032279.D
 Acq On : 29 Sep 2021 19:25
 Operator : CG/JU
 Sample : M3777-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF9

Manual Integrations
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mohammad
 9/30/2021 11:29:44 AM

Quant Time: Sep 30 01:04:39 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	7.653	152	6483	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.447	136	19321	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.300	164	8970	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.022	188	16494	0.400	ng/ul	-0.01
17) Chrysene-d12	21.186	240	13558	0.400	ng/ul	0.00
23) Perylene-d12	23.346	264	14563	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.986	96	32110	4.607	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152	8072	0.314	ng/ul	-0.01
18) Fluoranthene-d10	19.042	212	17406	0.473	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.016	152	957	0.027	ng/ul#	62
11) Acenaphthene	14.361	153	961	0.029	ng/ul	95
15) Phenanthrene	17.064	178	4017	0.075	ng/ul#	93
16) Anthracene	17.154	178	1851	0.042	ng/ul#	82
19) Fluoranthene	19.072	202	7381	0.130	ng/ul#	95
20) Pyrene	19.435	202	9042	0.159	ng/ul#	95
21) Benzo(a)anthracene	21.169	228	4363	0.091	ng/ul#	92
22) Chrysene	21.220	228	5482	0.098	ng/ul#	94
24) Benzo(b)fluoranthene	22.704	252	7177m	0.095	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	2878m	0.039	ng/ul	
26) Benzo(a)pyrene	23.252	252	6494	0.114	ng/ul#	59
27) Indeno(1,2,3-cd)pyrene	25.483	276	3587	0.049	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.481	278	1331	0.023	ng/ul#	1
29) Benzo(g,h,i)perylene	26.144	276	5116	0.074	ng/ul#	87

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

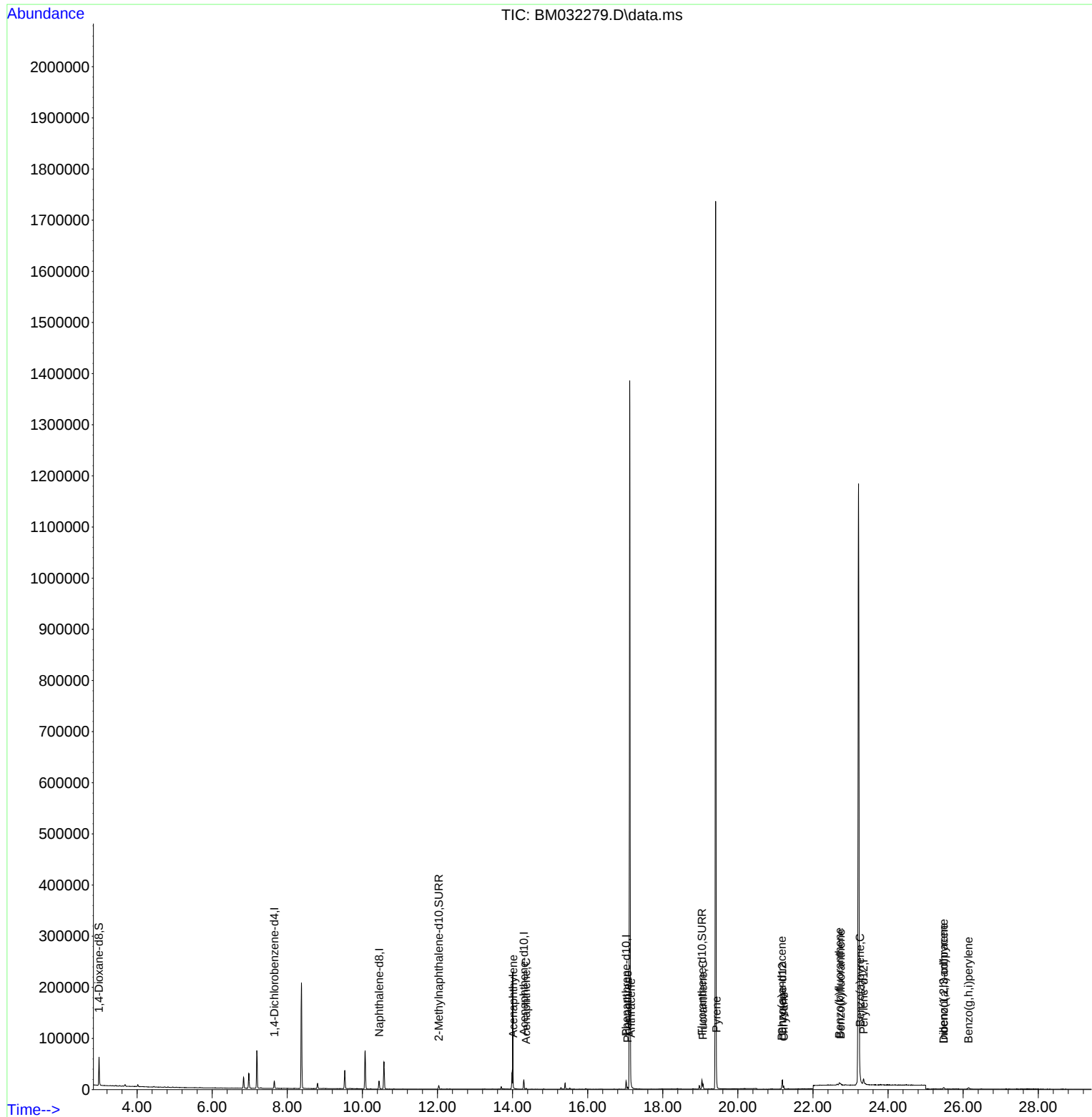
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Data File : BM032279.D
Acq On : 29 Sep 2021 19:25
Operator : CG/JU
Sample : M3777-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

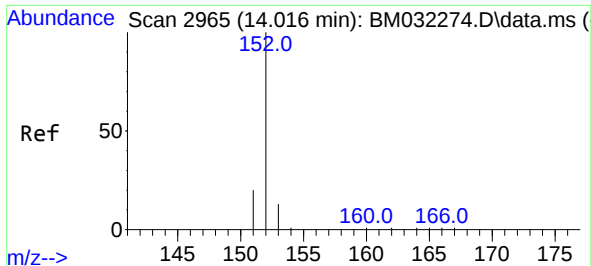
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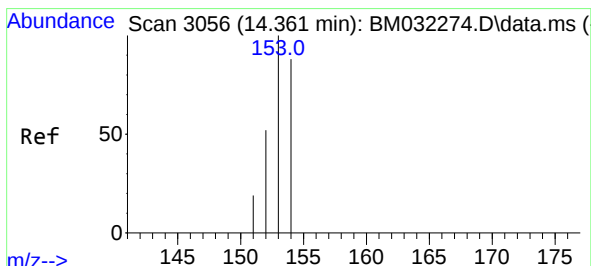
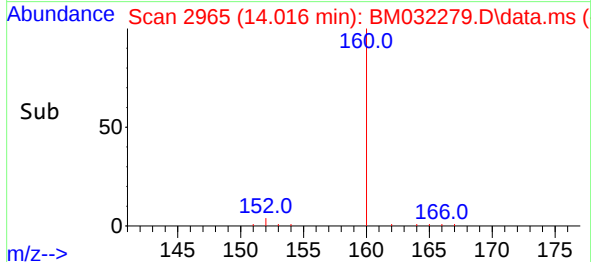
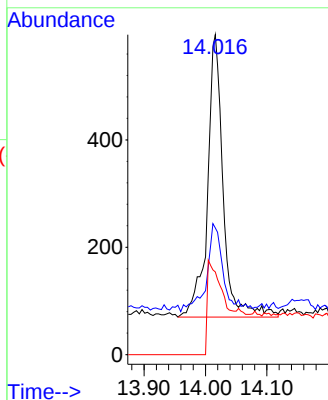
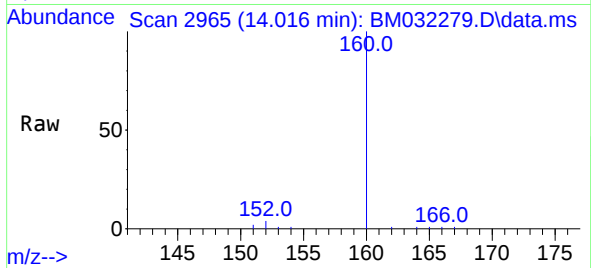
#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.016 min Scan# 2965
Delta R.T. -0.008 min
Lab File: BM032279.D
Acq: 29 Sep 2021 19:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	39.6	16.0	24.0#
153	25.8	10.7	16.1#

Instrument :
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ClientSampleId :
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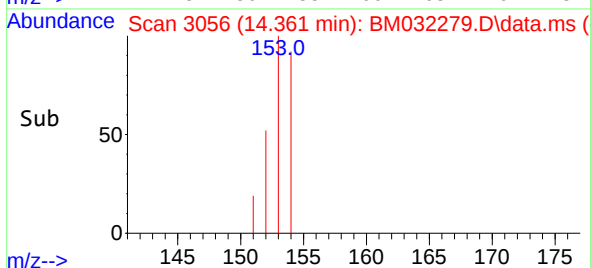
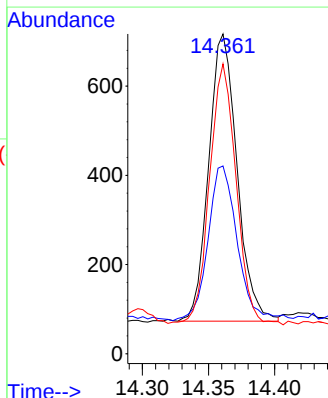
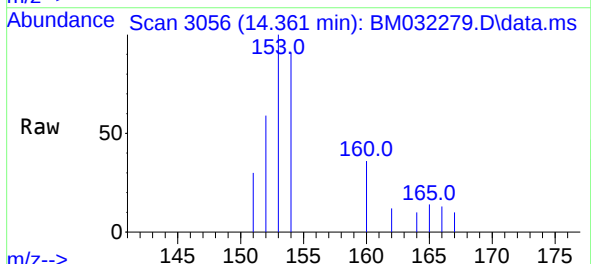
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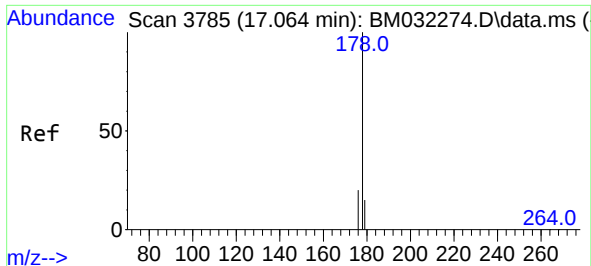
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#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.361 min Scan# 3056
Delta R.T. -0.008 min
Lab File: BM032279.D
Acq: 29 Sep 2021 19:25

Tgt Ion	Ratio	Lower	Upper
153	100		
152	58.7	41.6	62.4
154	90.7	71.2	106.8





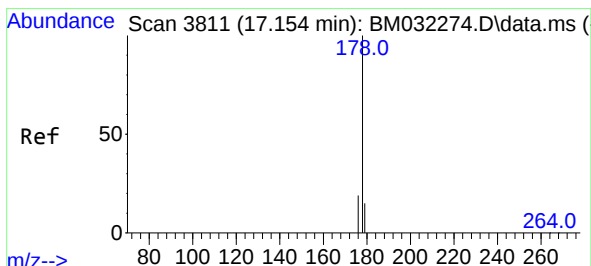
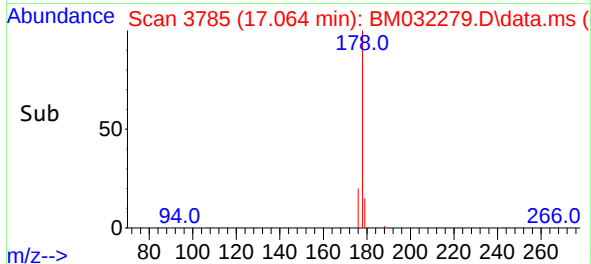
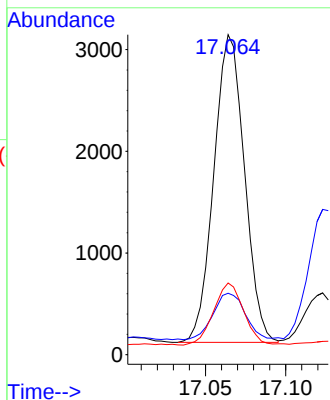
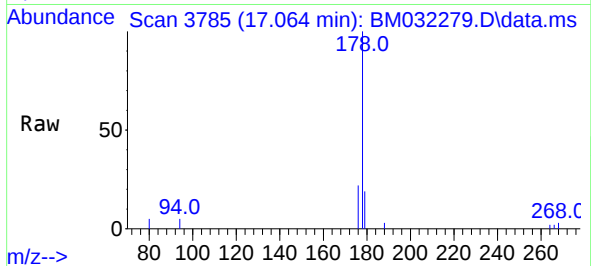
#15
Phenanthrene
Concen: 0.075 ng/u1
RT: 17.064 min Scan# 3785
Delta R.T. -0.010 min
Lab File: BM032279.D
Acq: 29 Sep 2021 19:25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.2	12.6	18.8#
176	22.4	15.8	23.6

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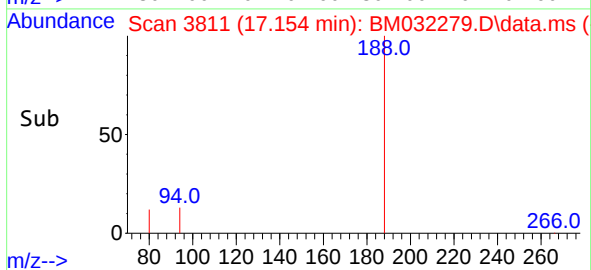
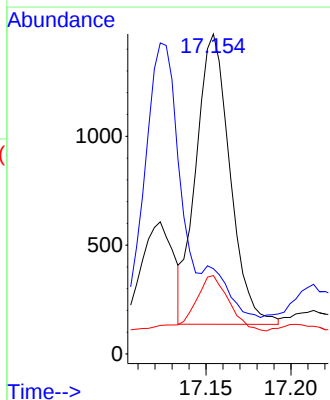
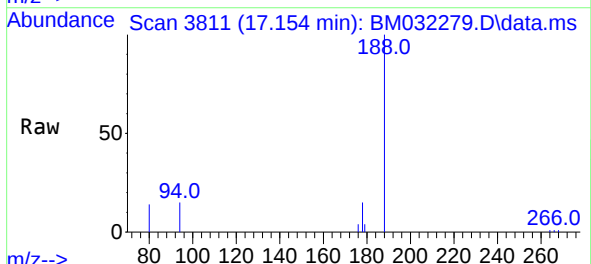
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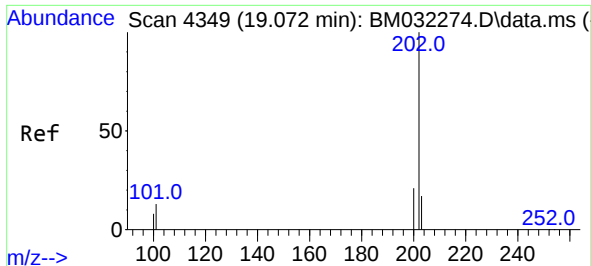
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#16
Anthracene
Concen: 0.042 ng/u1
RT: 17.154 min Scan# 3811
Delta R.T. -0.010 min
Lab File: BM032279.D
Acq: 29 Sep 2021 19:25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	26.7	12.7	19.1#
176	24.5	15.3	22.9#





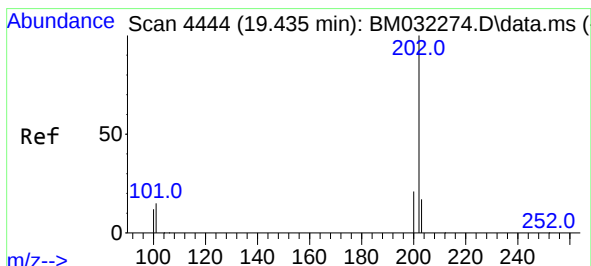
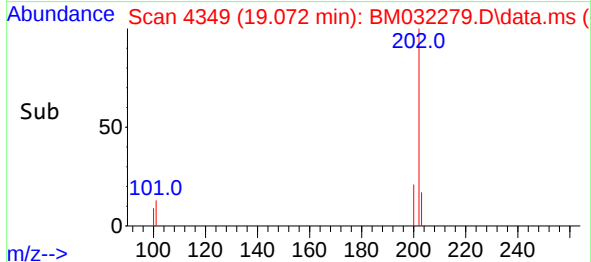
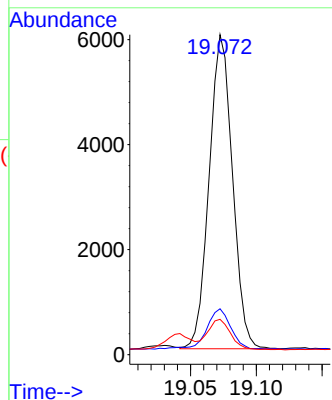
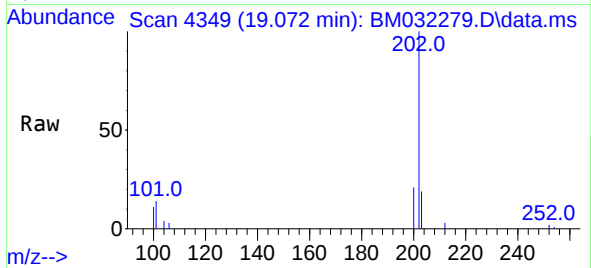
#19
Fluoranthene
Concen: 0.130 ng/u1
RT: 19.072 min Scan# 4349
Delta R.T. -0.011 min
Lab File: BM032279.D
Acq: 29 Sep 2021 19:25

Tgt Ion:202	Resp:	7381
Ion Ratio	Lower	Upper
202 100		
101 14.3	9.8	14.8
100 11.0	7.2	10.8#

Instrument :
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ClientSampled :
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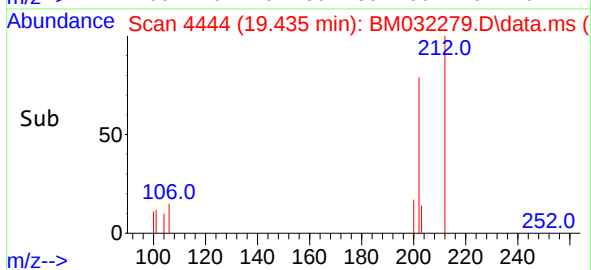
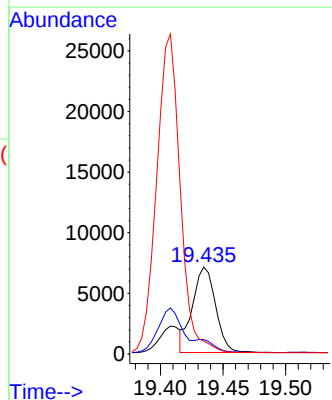
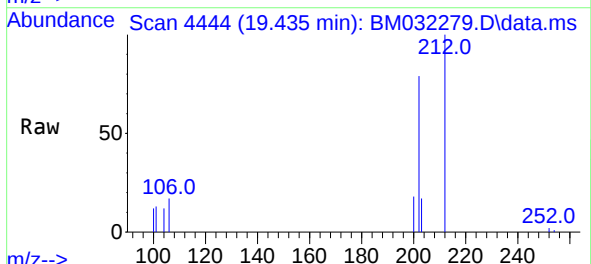
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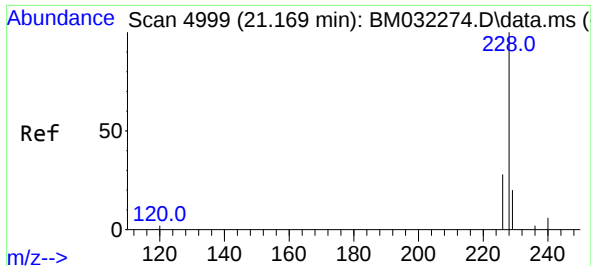
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#20
Pyrene
Concen: 0.159 ng/u1
RT: 19.435 min Scan# 4444
Delta R.T. -0.008 min
Lab File: BM032279.D
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Tgt Ion:202	Resp:	9042
Ion Ratio	Lower	Upper
202 100		
101 16.6	12.1	18.1
100 14.8	9.8	14.6#





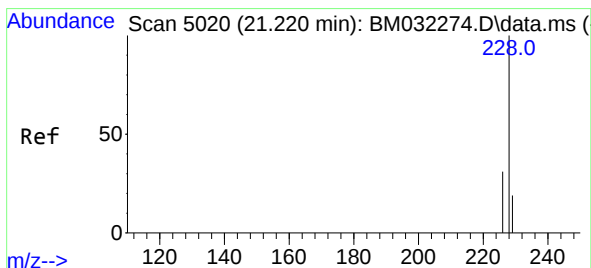
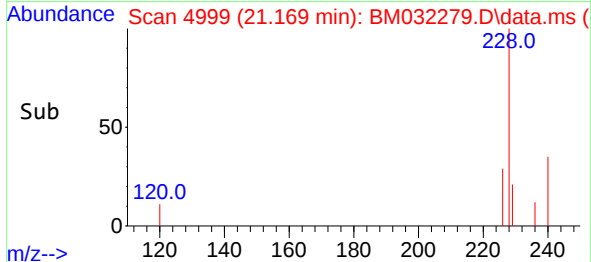
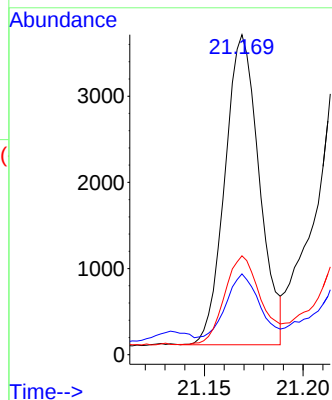
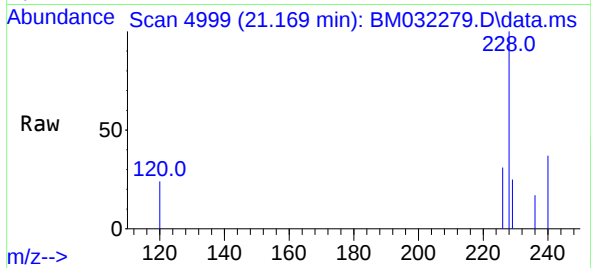
#21
Benzo(a)anthracene
Concen: 0.091 ng/u1
RT: 21.169 min Scan# 4999
Delta R.T. -0.010 min
Lab File: BM032279.D
Acq: 29 Sep 2021 19:25

Tgt Ion:	228	Resp:	4363
Ion Ratio	Lower	Upper	
228	100		
229	25.3	16.0	24.0#
226	30.9	22.3	33.5

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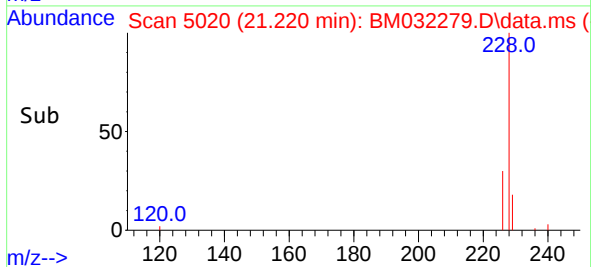
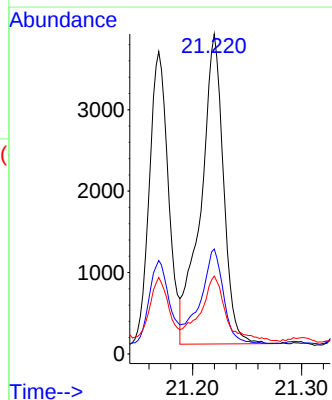
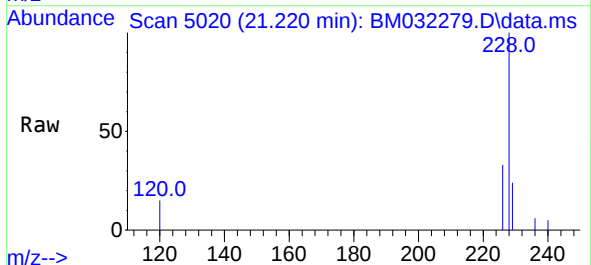
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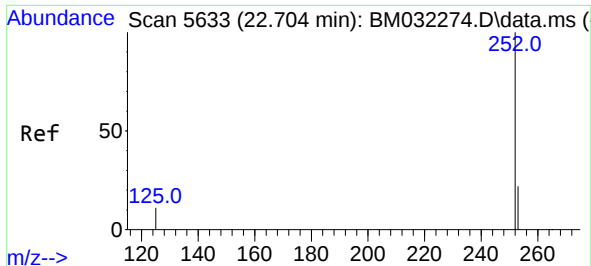
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#22
Chrysene
Concen: 0.098 ng/u1
RT: 21.220 min Scan# 5020
Delta R.T. -0.010 min
Lab File: BM032279.D
Acq: 29 Sep 2021 19:25

Tgt Ion:	228	Resp:	5482
Ion Ratio	Lower	Upper	
228	100		
226	32.8	24.6	37.0
229	24.4	15.6	23.4#





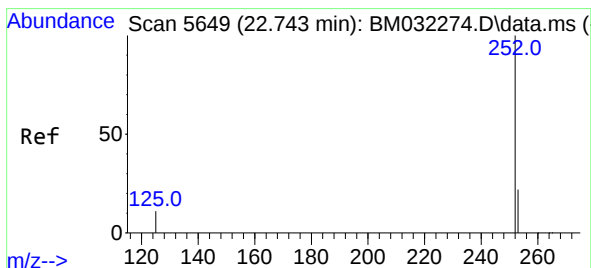
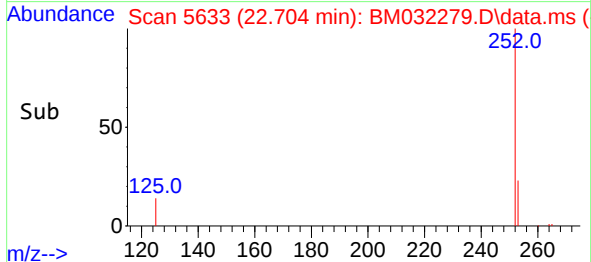
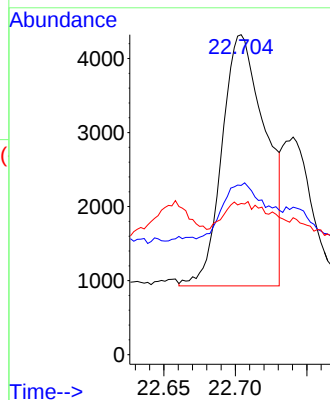
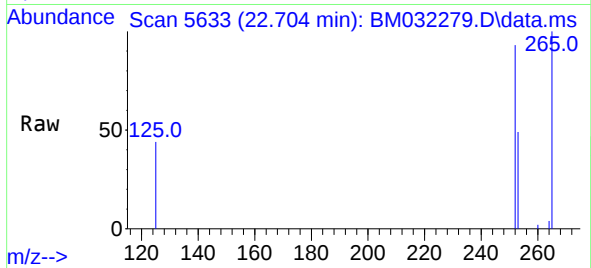
#24
Benzo(b)fluoranthene
Concen: 0.095 ng/ul m
RT: 22.704 min Scan# 5633
Delta R.T. -0.010 min
Lab File: BM032279.D
Acq: 29 Sep 2021 19:25

Tgt Ion:252 Resp: 7177
Ion Ratio Lower Upper
252 100
253 52.9 0.0 58.0
125 47.3 0.0 31.4#

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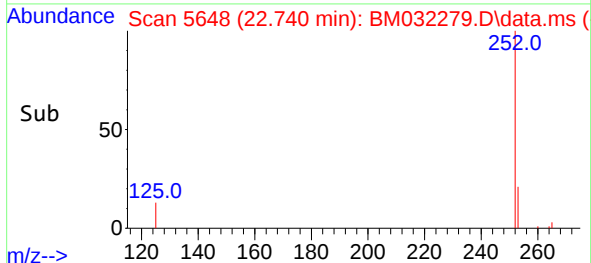
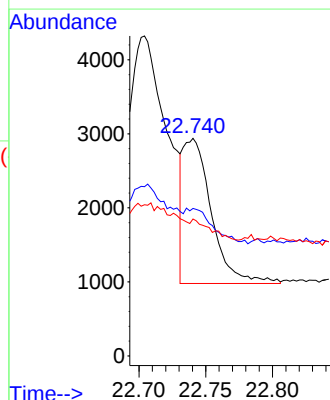
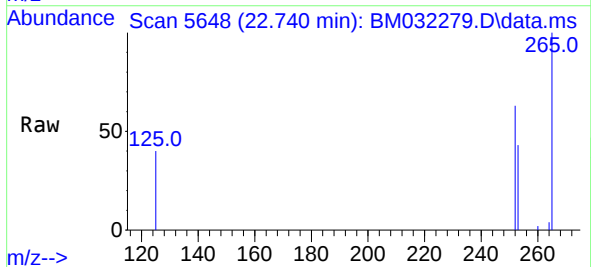
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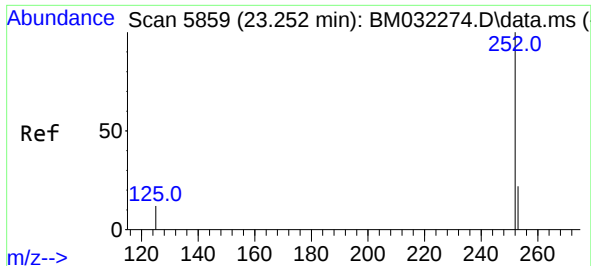
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#25
Benzo(k)fluoranthene
Concen: 0.039 ng/ul m
RT: 22.740 min Scan# 5648
Delta R.T. -0.015 min
Lab File: BM032279.D
Acq: 29 Sep 2021 19:25

Tgt Ion:252 Resp: 2878
Ion Ratio Lower Upper
252 100
253 67.8 22.9 34.3#
125 62.9 12.9 19.3#





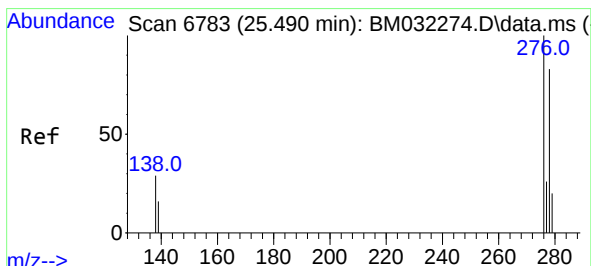
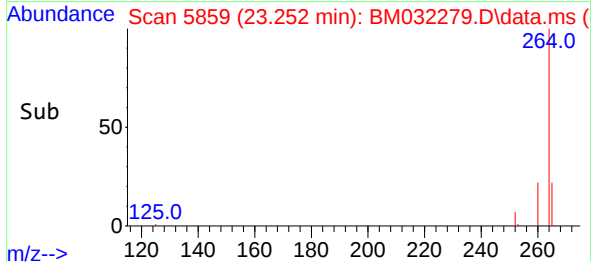
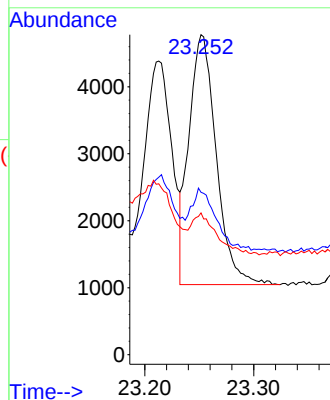
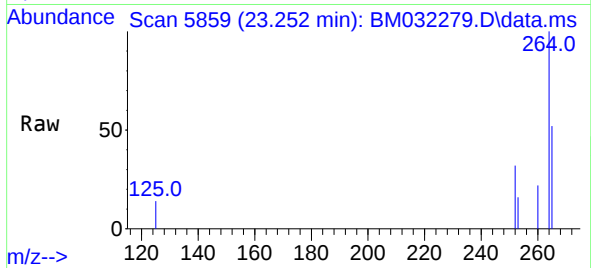
#26
Benzo(a)pyrene
Concen: 0.114 ng/ul
RT: 23.252 min Scan# 5859
Delta R.T. -0.012 min
Lab File: BM032279.D
Acq: 29 Sep 2021 19:25

Tgt Ion:	252	Resp:	6494
Ion Ratio	Lower	Upper	
252	100		
253	50.8	25.8	38.8#
125	44.3	15.4	23.2#

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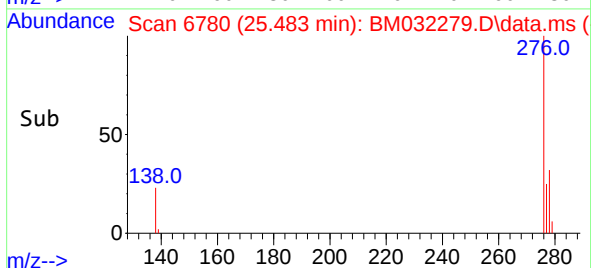
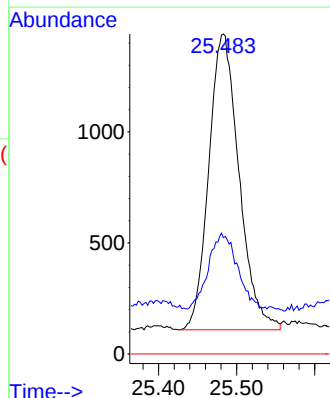
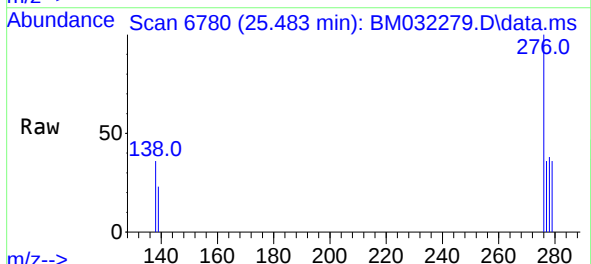
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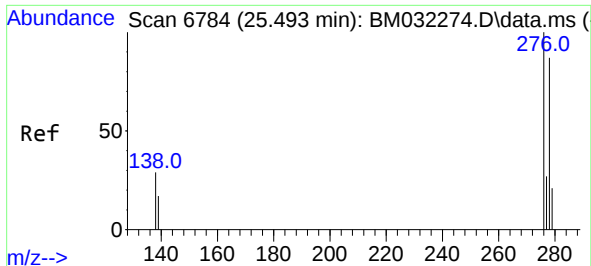
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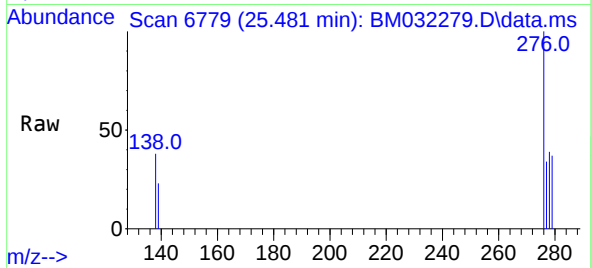
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.049 ng/ul
RT: 25.483 min Scan# 6780
Delta R.T. -0.022 min
Lab File: BM032279.D
Acq: 29 Sep 2021 19:25

Tgt Ion:	276	Resp:	3587
Ion Ratio	Lower	Upper	
276	100		
138	25.0	24.3	36.5
227	0.0	0.0	0.0

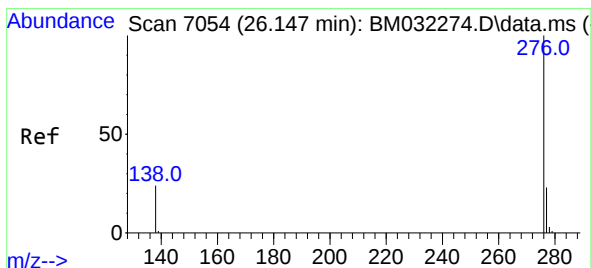
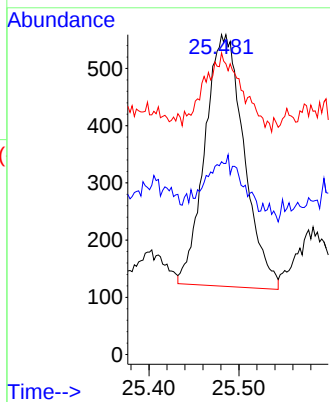
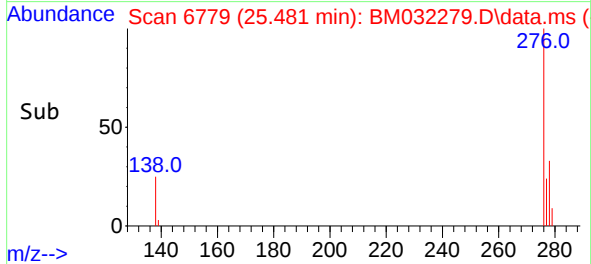




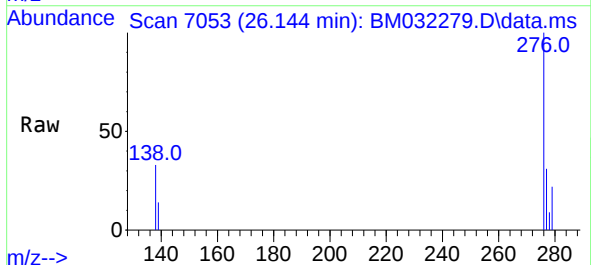
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Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 25.481 min Scan# 6779
Delta R.T. -0.029 min
Lab File: BM032279.D
Acq: 29 Sep 2021 19:25



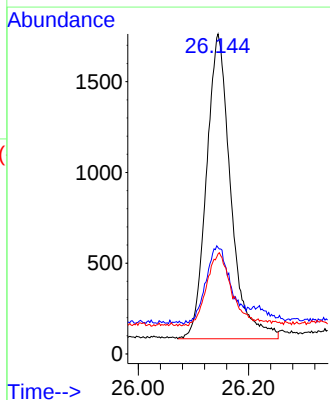
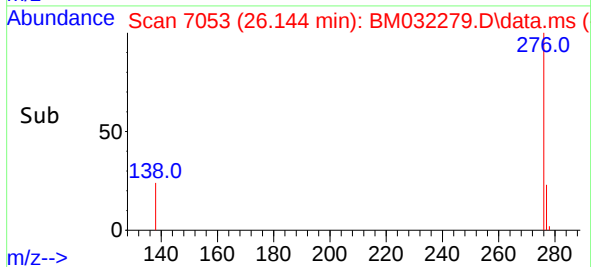
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Ion Ratio Lower Upper
278 100
139 60.3 16.6 24.8#
279 94.3 23.0 34.6#



#29
Benzo(g,h,i)perylene
Concen: 0.074 ng/ul
RT: 26.144 min Scan# 7053
Delta R.T. -0.019 min
Lab File: BM032279.D
Acq: 29 Sep 2021 19:25



Tgt Ion:276 Resp: 5116
Ion Ratio Lower Upper
276 100
138 33.2 21.0 31.4#
277 31.3 19.8 29.8#



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