

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
 Data File : BM032262.D
 Acq On : 29 Sep 2021 04:52
 Operator : CG/JU
 Sample : M3755-06
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AL0

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Quant Time: Sep 29 06:13:41 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	6595	0.400	ng/ul	0.00
4) Naphthalene-d8	10.446	136	20113	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.299	164	9149	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.025	188	16165	0.400	ng/ul	0.00
17) Chrysene-d12	21.185	240	12656	0.400	ng/ul	-0.01
23) Perylene-d12	23.347	264	11597	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.989	96	16544	2.333	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.038	152	3760	0.140	ng/ul	-0.01
18) Fluoranthene-d10	19.045	212	6321	0.184	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.495	128	4359	0.073	ng/ul#	94
7) 2-Methylnaphthalene	12.110	142	1850	0.048	ng/ul	99
8) 1-Methylnaphthalene	12.335	142	1526	0.041	ng/ul	99
10) Acenaphthylene	14.015	152	3349	0.091	ng/ul#	93
12) Fluorene	15.346	166	1509	0.039	ng/ul#	94
15) Phenanthrene	17.066	178	39429	0.749	ng/ul	100
16) Anthracene	17.153	178	12487	0.288	ng/ul	98
19) Fluoranthene	19.075	202	90457	1.712	ng/ul	100
20) Pyrene	19.437	202	82614	1.560	ng/ul	97
21) Benzo(a)anthracene	21.170	228	33929	0.758	ng/ul	97
22) Chrysene	21.221	228	36592	0.699	ng/ul	98
24) Benzo(b)fluoranthene	22.703	252	38527m	0.641	ng/ul	
25) Benzo(k)fluoranthene	22.742	252	15409m	0.265	ng/ul	
26) Benzo(a)pyrene	23.253	252	29846	0.660	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.487	276	16558	0.286	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.487	278	4208	0.089	ng/ul#	74
29) Benzo(g,h,i)perylene	26.146	276	14344	0.262	ng/ul	98

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

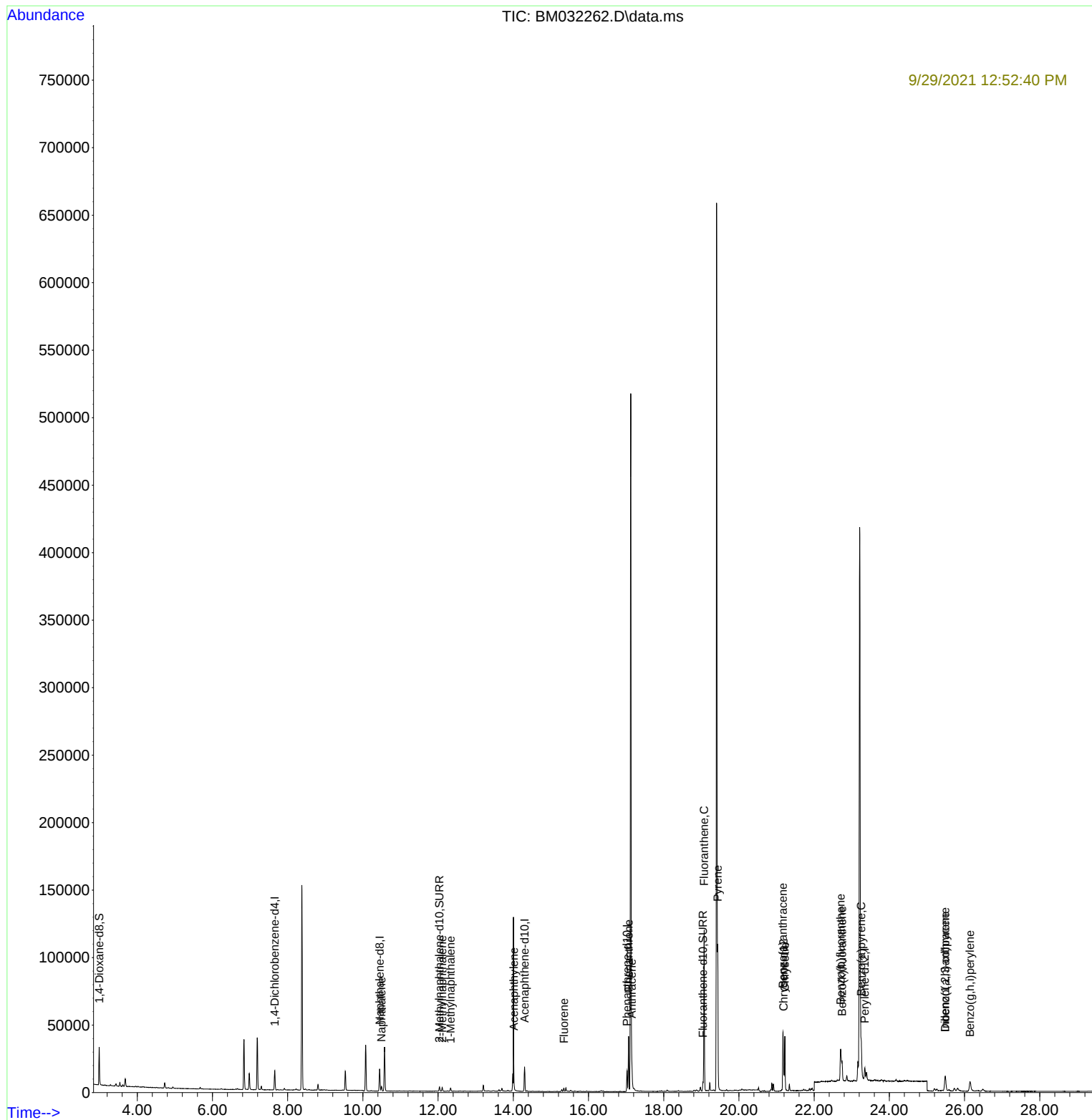
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Data File : BM032262.D
Acq On : 29 Sep 2021 04:52
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ALS Vial : 67 Sample Multiplier: 1

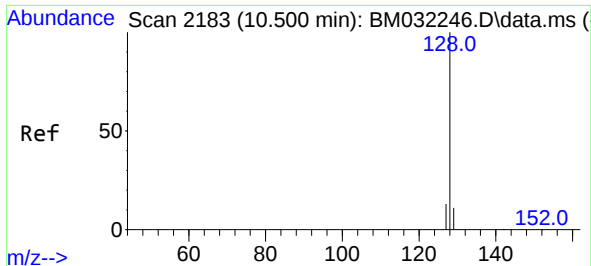
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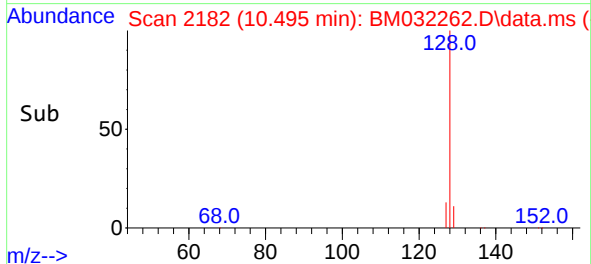
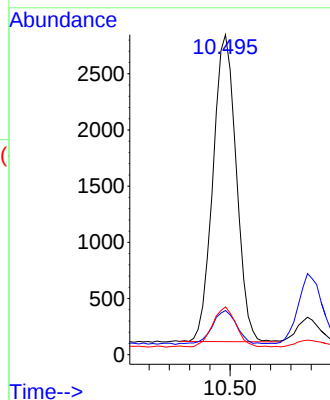
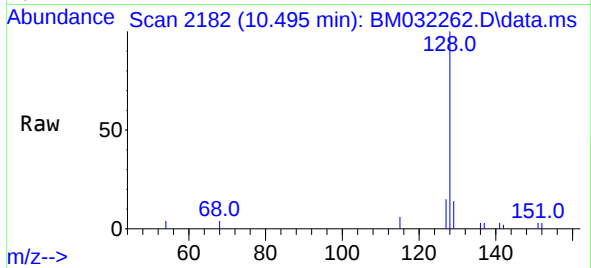
#5
Naphthalene
Concen: 0.073 ng/ul
RT: 10.495 min Scan# 2182
Delta R.T. -0.010 min
Lab File: BM032262.D
Acq: 29 Sep 2021 04:52

Tgt Ion:128 Resp: 4359
Ion Ratio Lower Upper
128 100
129 13.8 9.0 13.4#
127 15.0 10.5 15.7

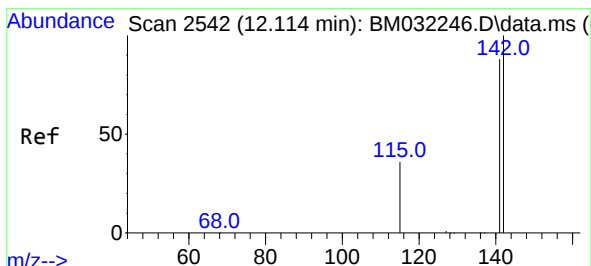
Instrument :
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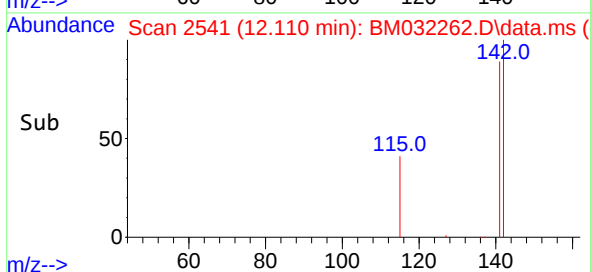
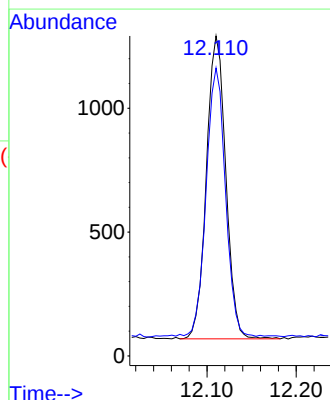
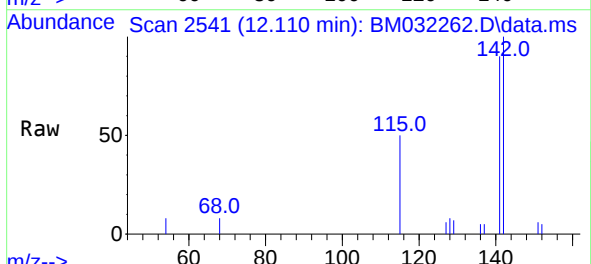


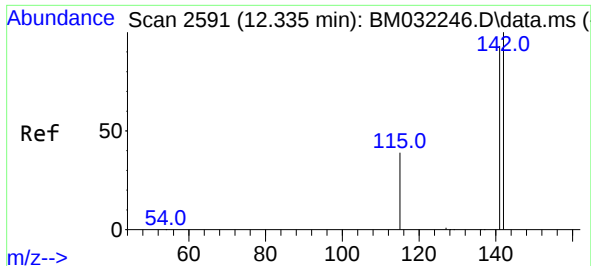
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#7
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.110 min Scan# 2541
Delta R.T. -0.010 min
Lab File: BM032262.D
Acq: 29 Sep 2021 04:52

Tgt Ion:142 Resp: 1850
Ion Ratio Lower Upper
142 100
141 89.6 71.2 106.8





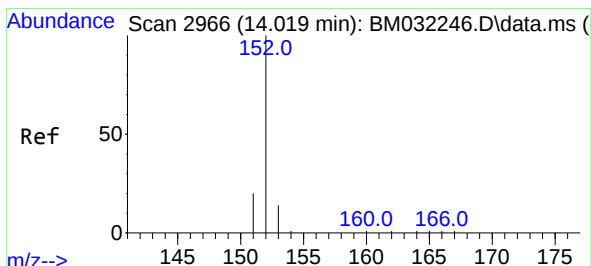
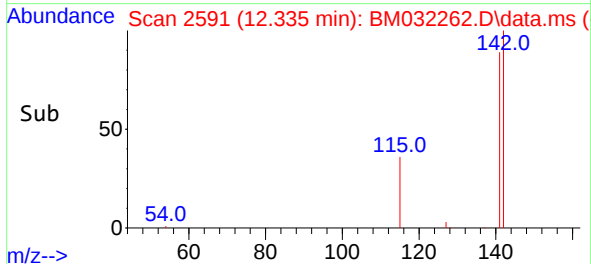
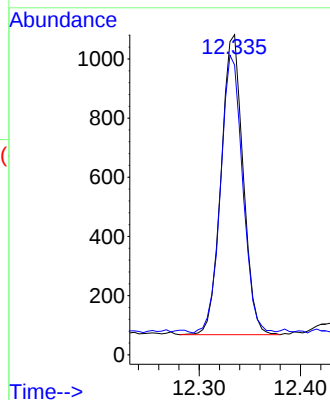
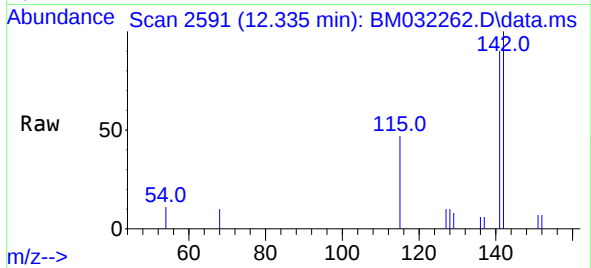
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1-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.335 min Scan# 2591
Delta R.T. -0.006 min
Lab File: BM032262.D
Acq: 29 Sep 2021 04:52

Tgt Ion:142 Resp: 1526
Ion Ratio Lower Upper
142 100
141 92.9 73.8 110.6

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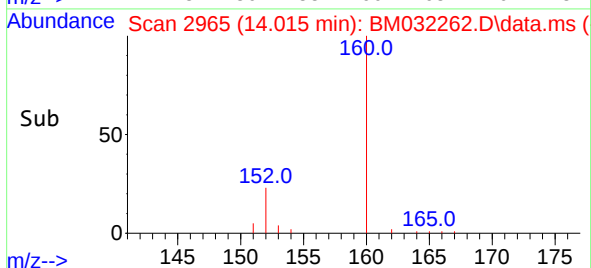
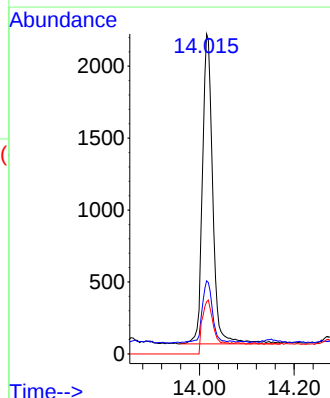
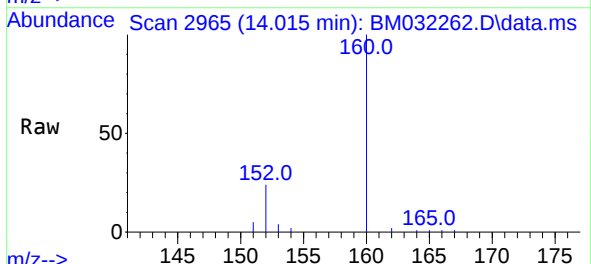
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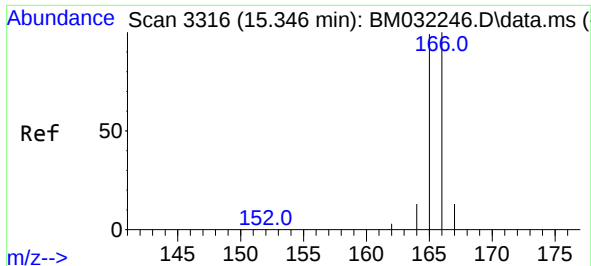
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#10
Acenaphthylene
Concen: 0.091 ng/ul
RT: 14.015 min Scan# 2965
Delta R.T. -0.009 min
Lab File: BM032262.D
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Tgt Ion:152 Resp: 3349
Ion Ratio Lower Upper
152 100
151 22.8 16.0 24.0
153 16.3 10.7 16.1#





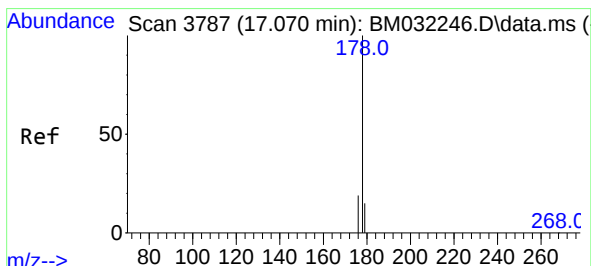
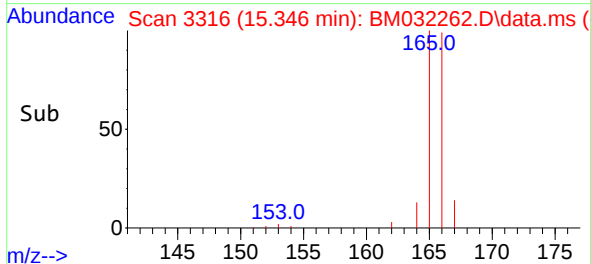
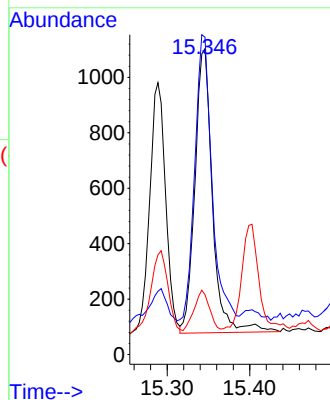
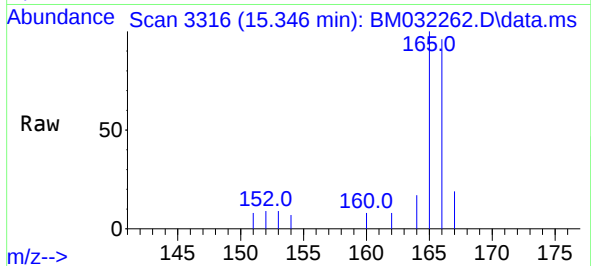
#12
Fluorene
Concen: 0.039 ng/u1
RT: 15.346 min Scan# 3316
Delta R.T. -0.005 min
Lab File: BM032262.D
Acq: 29 Sep 2021 04:52

Tgt Ion:	166	Resp:	1509
Ion	Ratio	Lower	Upper
166	100		
165	103.8	79.4	119.2
167	19.6	10.8	16.2#

Instrument :
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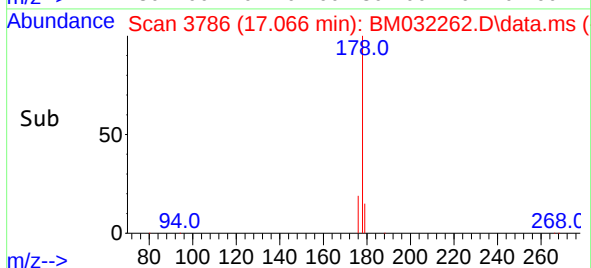
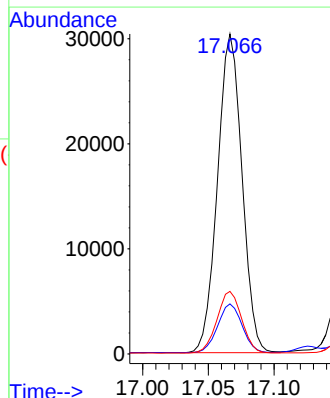
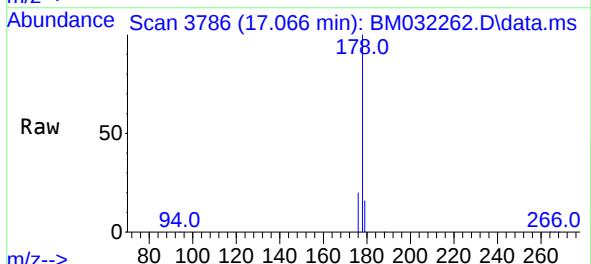
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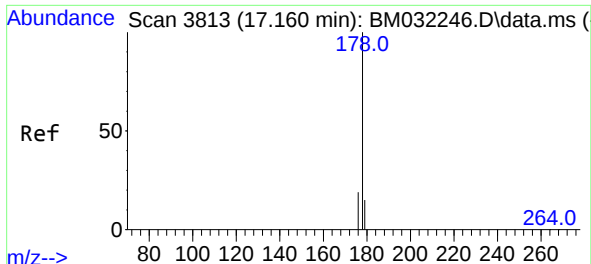
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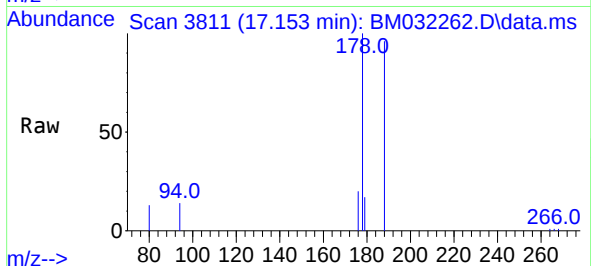
#15
Phenanthrene
Concen: 0.749 ng/u1
RT: 17.066 min Scan# 3786
Delta R.T. -0.008 min
Lab File: BM032262.D
Acq: 29 Sep 2021 04:52

Tgt Ion:	178	Resp:	39429
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	19.5	15.8	23.6



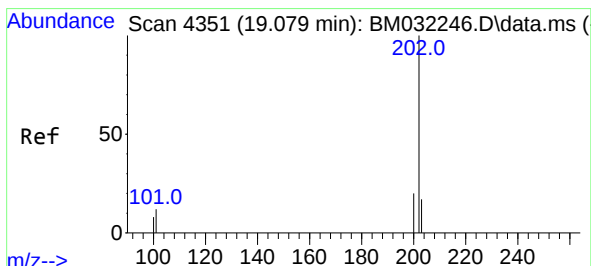
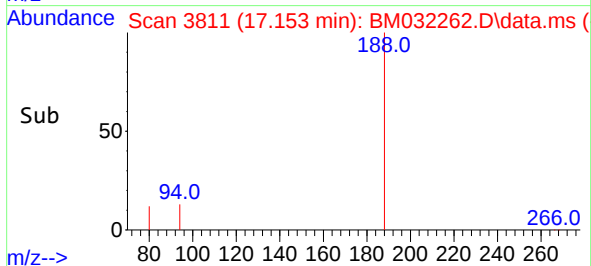
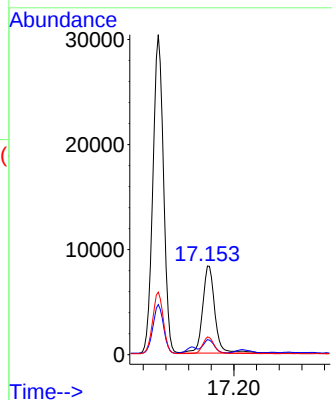


#16
 Anthracene
 Concen: 0.288 ng/u1
 RT: 17.153 min Scan# 3811
 Delta R.T. -0.012 min
 Lab File: BM032262.D
 Acq: 29 Sep 2021 04:52

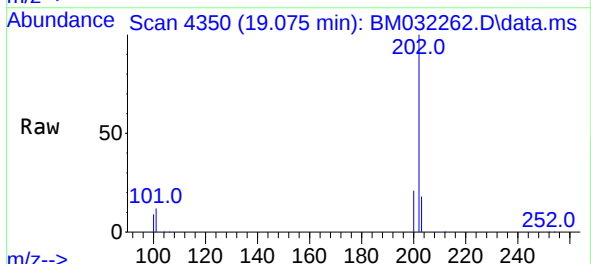


Tgt Ion:178 Resp: 12487

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.7	19.1
176	20.1	15.3	22.9

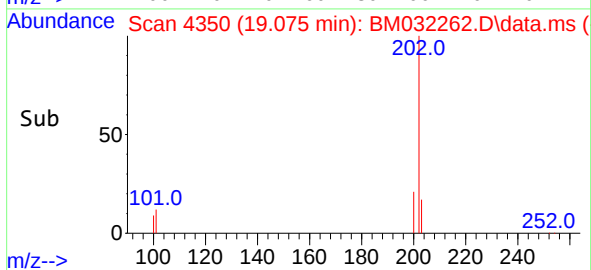
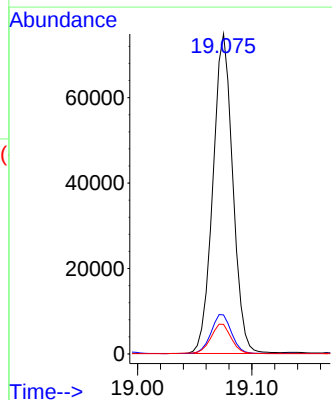


#19
 Fluoranthene
 Concen: 1.712 ng/u1
 RT: 19.075 min Scan# 4350
 Delta R.T. -0.009 min
 Lab File: BM032262.D
 Acq: 29 Sep 2021 04:52



Tgt Ion:202 Resp: 90457

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.8
100	9.3	7.2	10.8

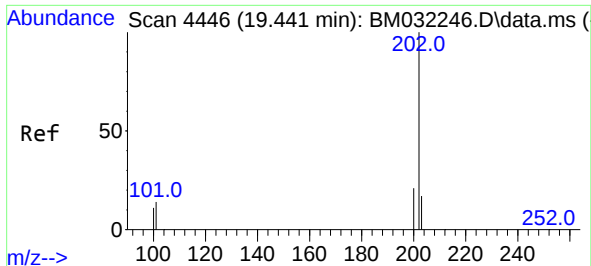


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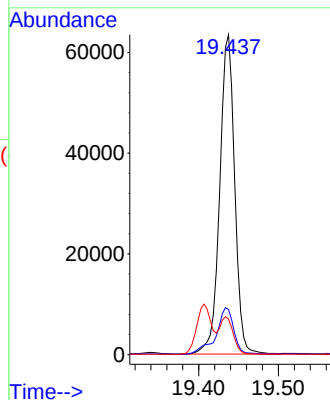
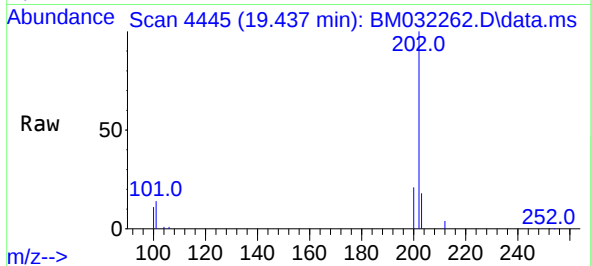
#20
Pyrene
Concen: 1.560 ng/ul
RT: 19.437 min Scan# 4445
Delta R.T. -0.005 min
Lab File: BM032262.D
Acq: 29 Sep 2021 04:52

Tgt Ion:	202	Resp:	82614
Ion Ratio	Lower	Upper	
202	100		
101	14.1	12.1	18.1
100	11.1	9.8	14.6

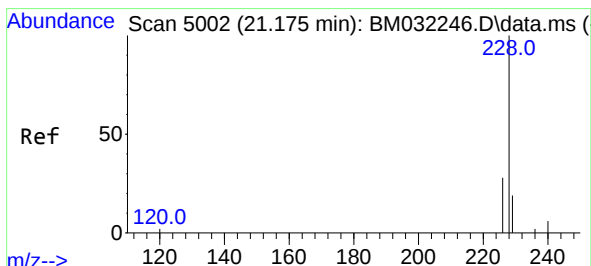
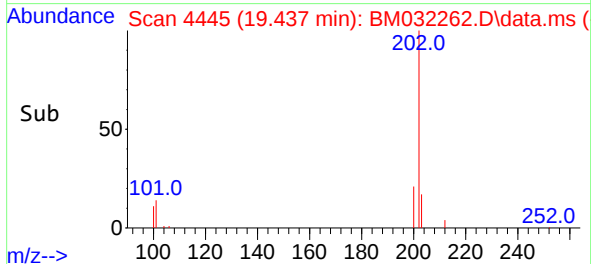
Instrument :
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ClientSampleId :
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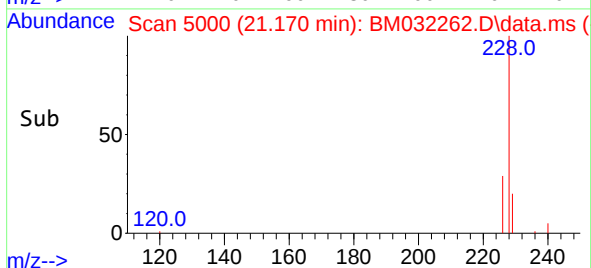
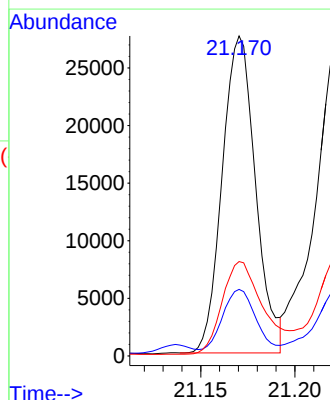
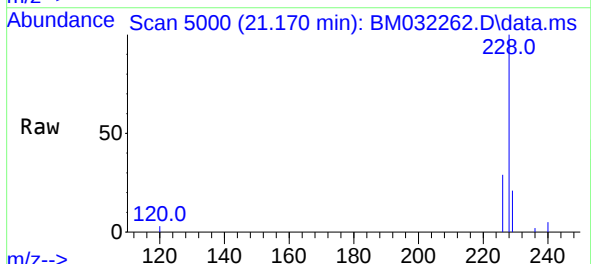


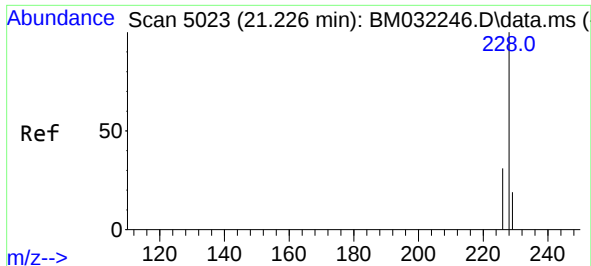
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#21
Benzo(a)anthracene
Concen: 0.758 ng/ul
RT: 21.170 min Scan# 5000
Delta R.T. -0.008 min
Lab File: BM032262.D
Acq: 29 Sep 2021 04:52

Tgt Ion:	228	Resp:	33929
Ion Ratio	Lower	Upper	
228	100		
229	20.8	16.0	24.0
226	29.5	22.3	33.5





#22
Chrysene
Concen: 0.699 ng/ul
RT: 21.221 min Scan# 5021
Delta R.T. -0.008 min
Lab File: BM032262.D
Acq: 29 Sep 2021 04:52

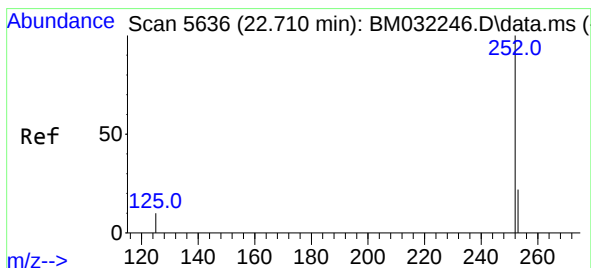
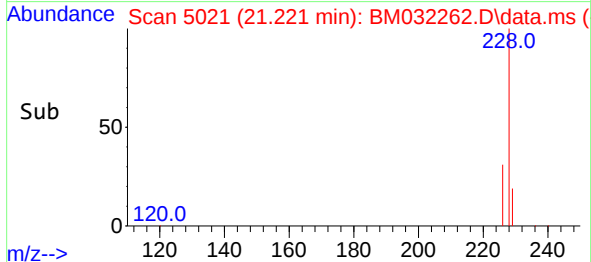
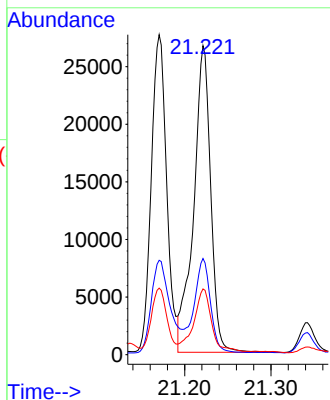
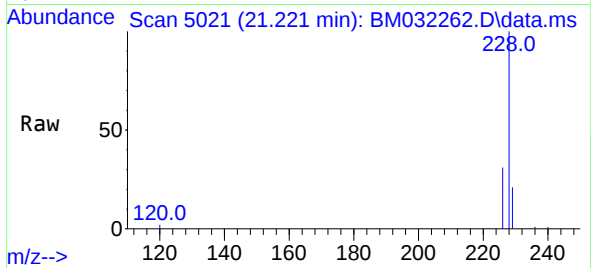
Tgt Ion:	228	Resp:	36592
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.6	37.0
229	21.3	15.6	23.4

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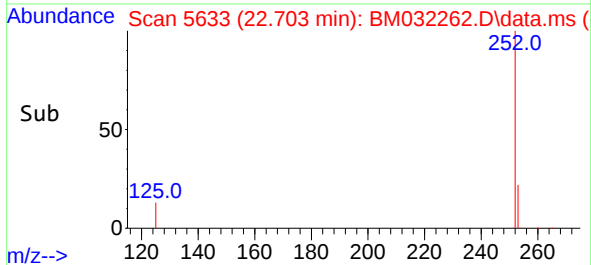
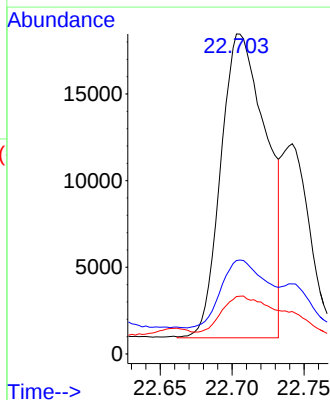
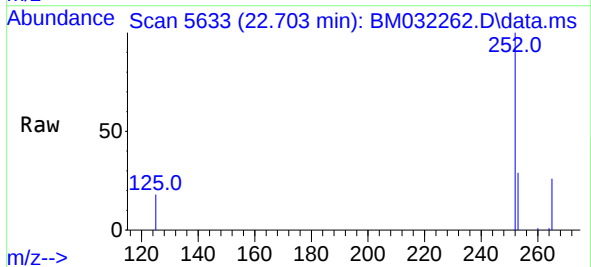
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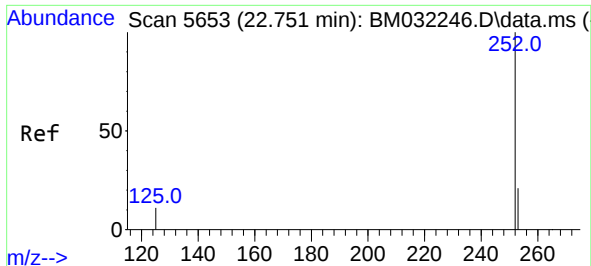
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#24
Benzo(b)fluoranthene
Concen: 0.641 ng/ul m
RT: 22.703 min Scan# 5633
Delta R.T. -0.011 min
Lab File: BM032262.D
Acq: 29 Sep 2021 04:52

Tgt Ion:	252	Resp:	38527
Ion Ratio	Lower	Upper	
252	100		
253	29.2	0.0	58.0
125	17.9	0.0	31.4





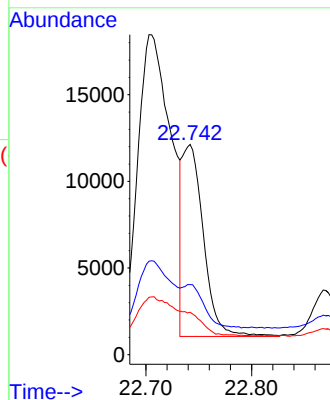
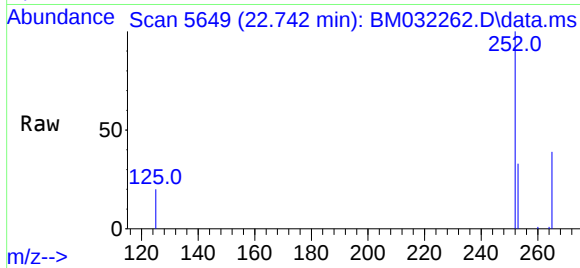
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Benzo(k)fluoranthene
Concen: 0.265 ng/ul m
RT: 22.742 min Scan# 5649
Delta R.T. -0.013 min
Lab File: BM032262.D
Acq: 29 Sep 2021 04:52

Tgt Ion:	252	Resp:	15409
Ion Ratio	Lower	Upper	
252	100		
253	33.3	22.9	34.3
125	20.2	12.9	19.3#

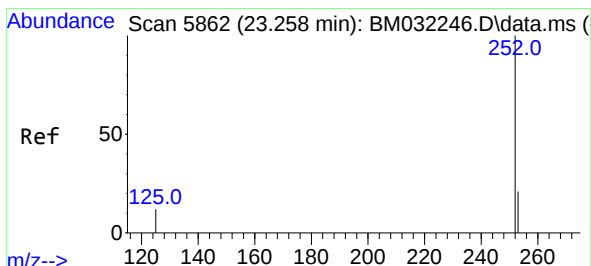
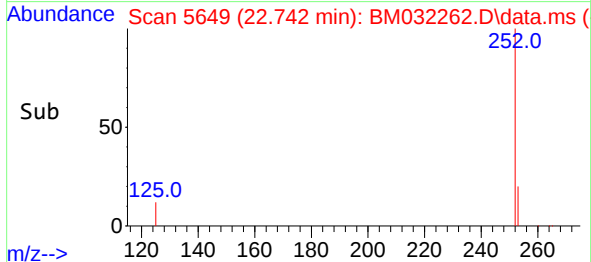
Instrument :
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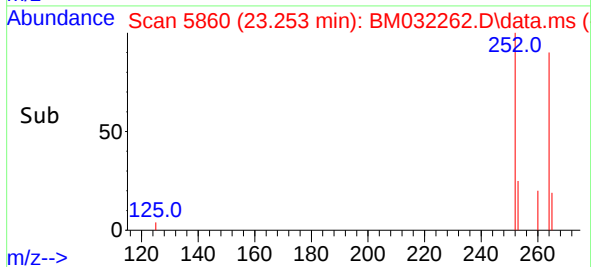
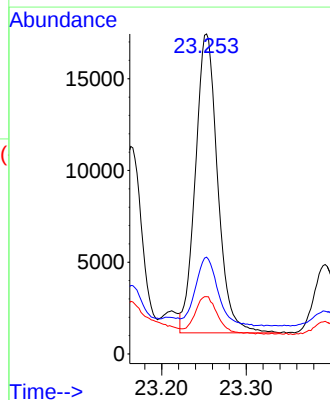
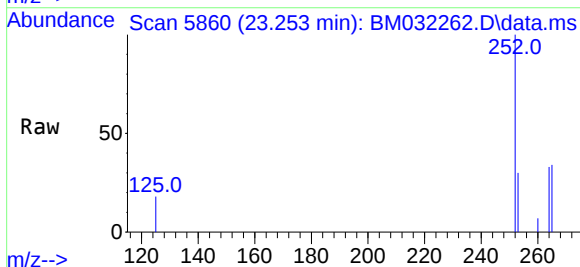


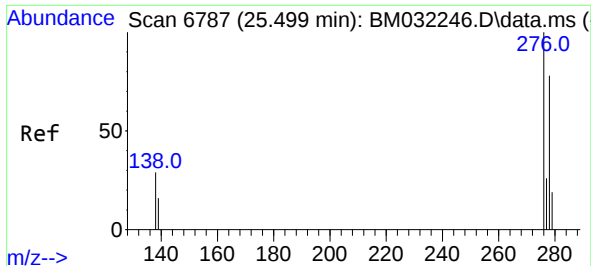
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#26
Benzo(a)pyrene
Concen: 0.660 ng/ul
RT: 23.253 min Scan# 5860
Delta R.T. -0.011 min
Lab File: BM032262.D
Acq: 29 Sep 2021 04:52

Tgt Ion:	252	Resp:	29846
Ion Ratio	Lower	Upper	
252	100		
253	30.3	25.8	38.8
125	17.9	15.4	23.2





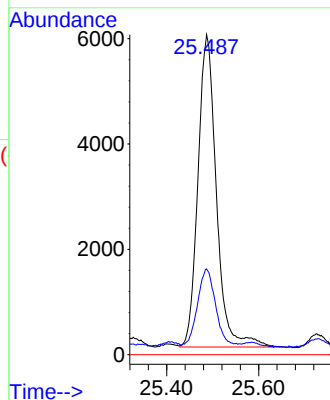
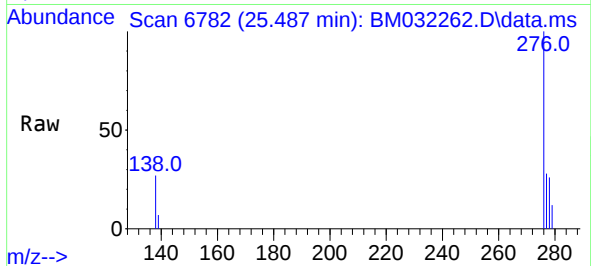
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.286 ng/ul
RT: 25.487 min Scan# 6782
Delta R.T. -0.018 min
Lab File: BM032262.D
Acq: 29 Sep 2021 04:52

Tgt Ion:	276	Resp:	16558
Ion Ratio	Lower	Upper	
276	100		
138	25.0	24.3	36.5
227	0.0	0.0	0.0

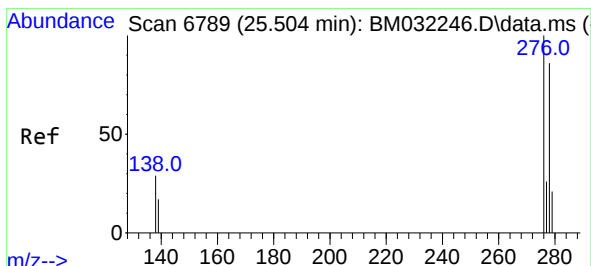
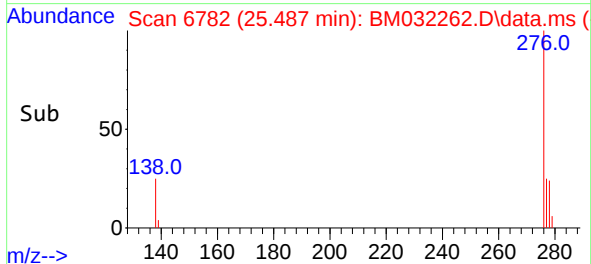
Instrument :
BNA_M
ClientSampled :
C0AL0

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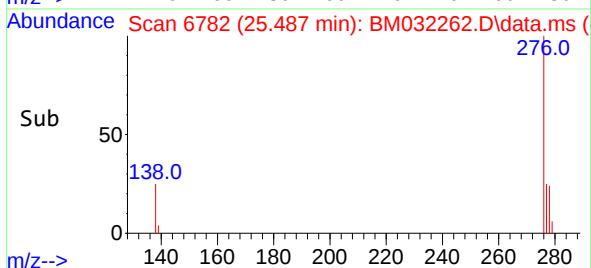
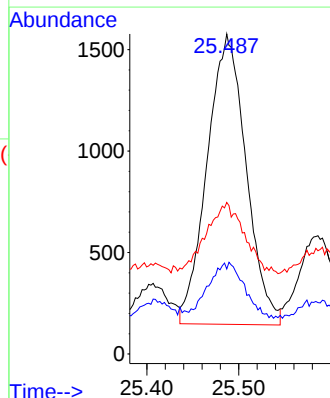
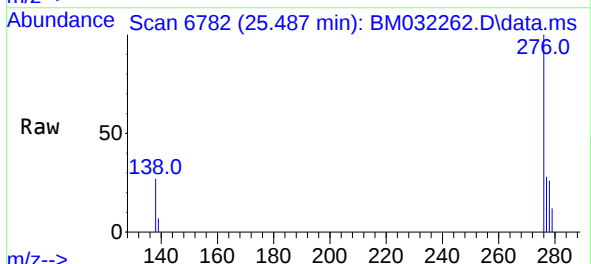


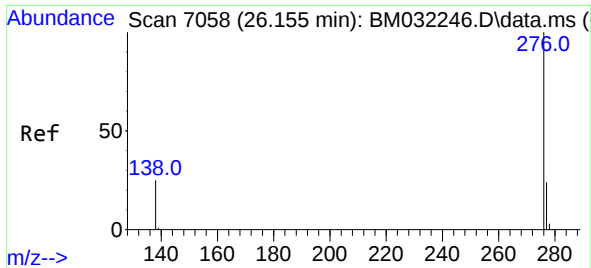
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#28
Dibenzo(a,h)anthracene
Concen: 0.089 ng/ul
RT: 25.487 min Scan# 6782
Delta R.T. -0.023 min
Lab File: BM032262.D
Acq: 29 Sep 2021 04:52

Tgt Ion:	278	Resp:	4208
Ion Ratio	Lower	Upper	
278	100		
139	26.6	16.6	24.8#
279	47.4	23.0	34.6#





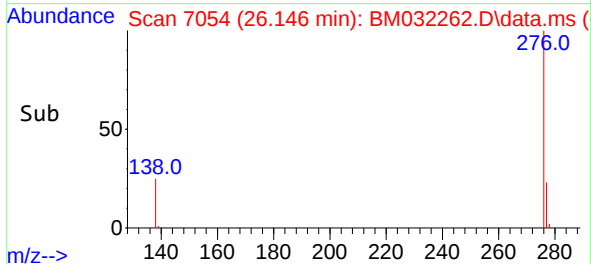
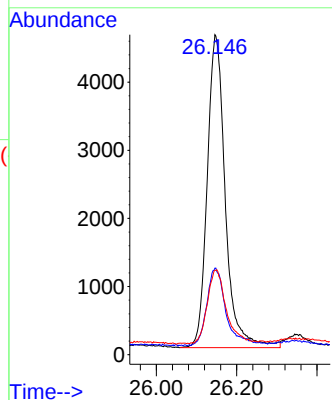
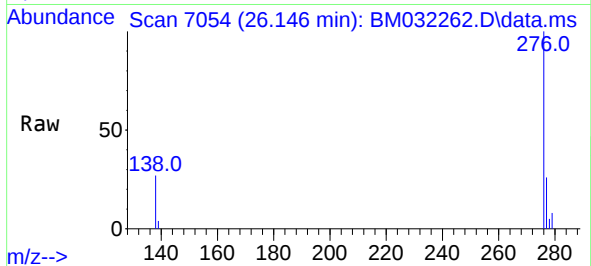
#29
Benzo(g,h,i)perylene
Concen: 0.262 ng/ul
RT: 26.146 min Scan# 7054
Delta R.T. -0.018 min
Lab File: BM032262.D
Acq: 29 Sep 2021 04:52

Tgt Ion:	276	Resp:	14344
Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.0	31.4
277	26.4	19.8	29.8

Instrument :
BNA_M
ClientSampleId :
C0AL0

Manual Integrations
APPROVED

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