

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032555.D
 Acq On : 16 Oct 2021 09:35
 Operator : CG/JU
 Sample : M4029-19DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00T0DL

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Quant Time: Oct 18 05:28:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 15 12:37:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	7325	0.40	ng/ul	0.00
4) Naphthalene-d8	10.335	136	23765	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	12670	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	26020	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.125	240	18896	0.40	ng/ul	0.00
23) Perylene-d12	23.261	264	14133	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	3339	0.41	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	793	0.03	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	1731	0.03	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.384	128	3066	0.04	ng/ul#	92
7) 2-Methylnaphthalene	12.008	142	1867	0.04	ng/ul	99
8) 1-Methylnaphthalene	12.233	142	1164	0.02	ng/ul	98
10) Acenaphthylene	13.928	152	2527	0.05	ng/ul	94
12) Fluorene	15.260	166	1368	0.02	ng/ul#	96
15) Phenanthrene	16.988	178	33291	0.38	ng/ul	99
16) Anthracene	17.074	178	4019	0.05	ng/ul	96
19) Fluoranthene	19.000	202	87829	0.94	ng/ul	99
20) Pyrene	19.362	202	74357	0.77	ng/ul	99
21) Benzo(a)anthracene	21.109	228	28105	0.38	ng/ul	98
22) Chrysene	21.159	228	37934	0.47	ng/ul	98
24) Benzo(b)fluoranthene	22.629	252	43054m	0.66	ng/ul	
25) Benzo(k)fluoranthene	22.663	252	14931m	0.23	ng/ul	
26) Benzo(a)pyrene	23.167	252	23454	0.43	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.359	276	16795	0.25	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.359	278	3777	0.07	ng/ul#	74
29) Benzo(g,h,i)perylene	26.004	276	15405	0.26	ng/ul	99

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

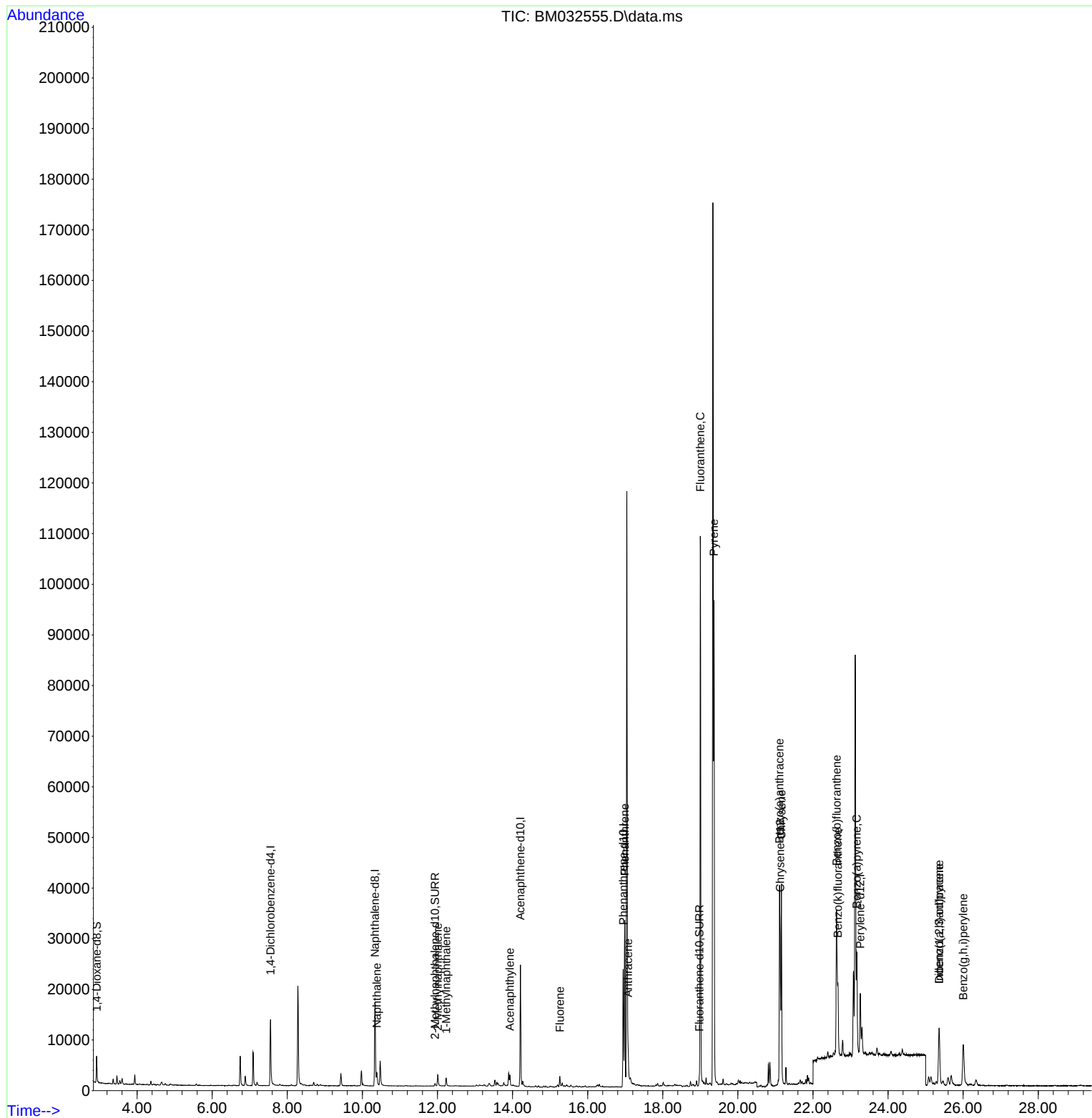
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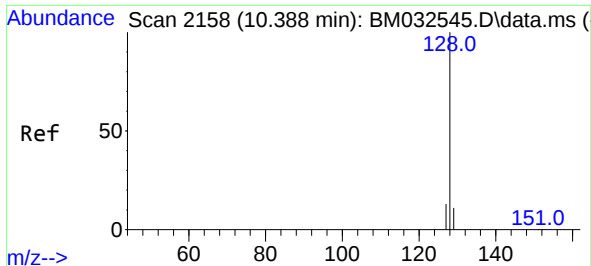
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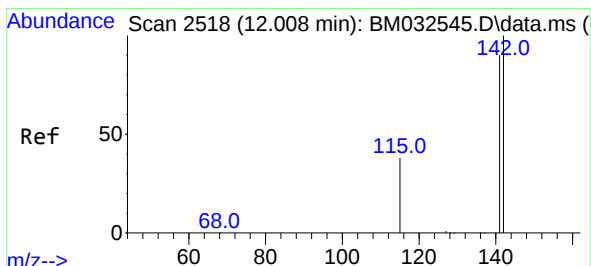
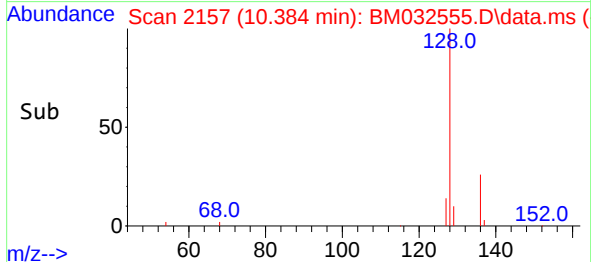
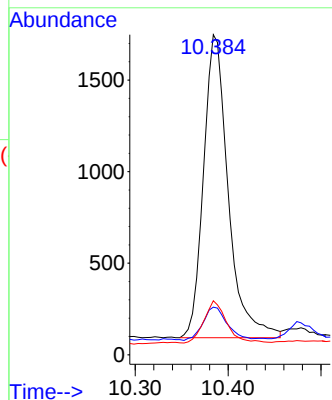
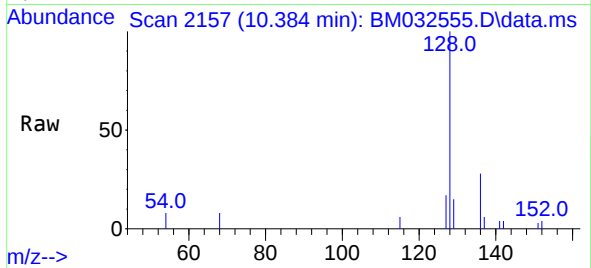
#5
Naphthalene
Concen: 0.04 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. -0.009 min
Lab File: BM032555.D
Acq: 16 Oct 2021 09:35

Tgt Ion:128 Resp: 3066
Ion Ratio Lower Upper
128 100
129 14.9 9.1 13.7#
127 16.9 11.1 16.7#

Instrument :
BNA_M
ClientSampleId :
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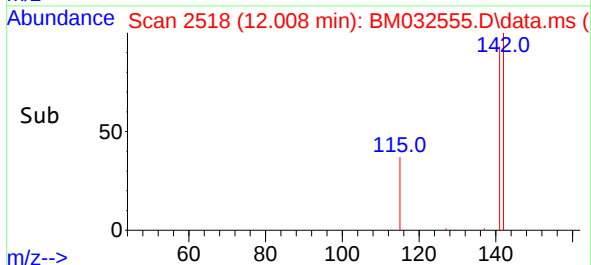
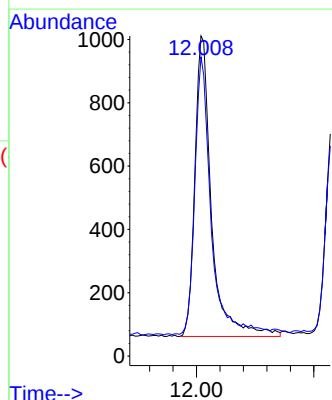
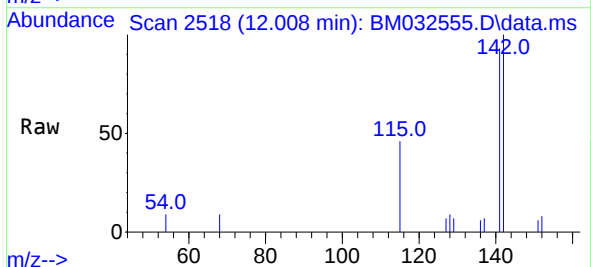
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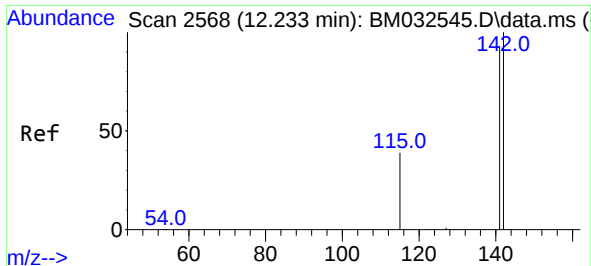
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#7
2-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.008 min Scan# 2518
Delta R.T. -0.004 min
Lab File: BM032555.D
Acq: 16 Oct 2021 09:35

Tgt Ion:142 Resp: 1867
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.2





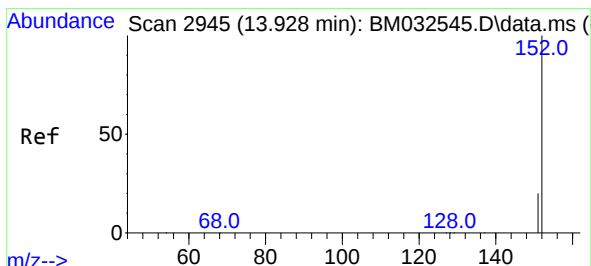
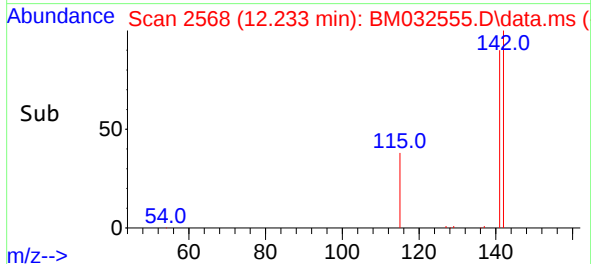
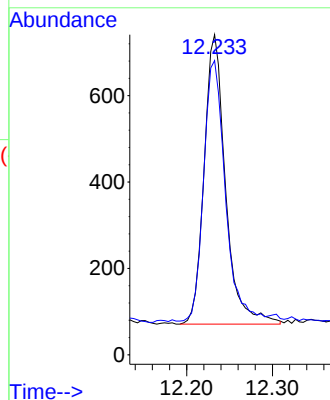
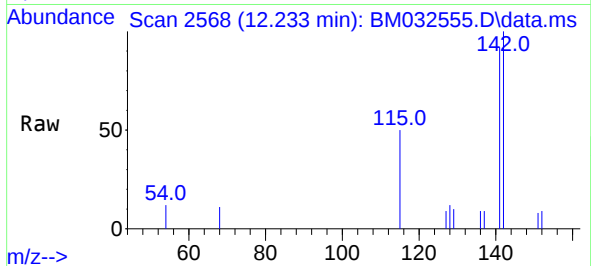
#8
1-Methylnaphthalene
Concen: 0.02 ng/ul
RT: 12.233 min Scan# 2568
Delta R.T. -0.004 min
Lab File: BM032555.D
Acq: 16 Oct 2021 09:35

Tgt Ion:142 Resp: 1164
Ion Ratio Lower Upper
142 100
141 91.8 74.9 112.3

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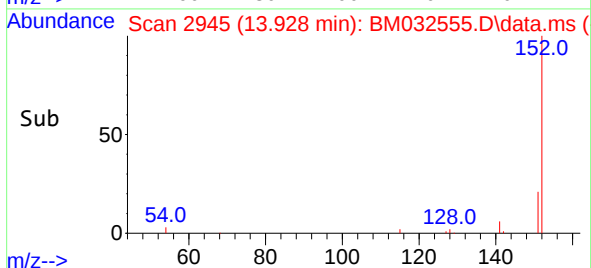
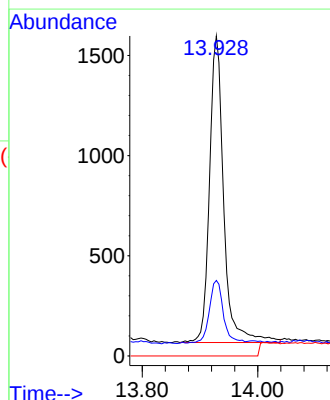
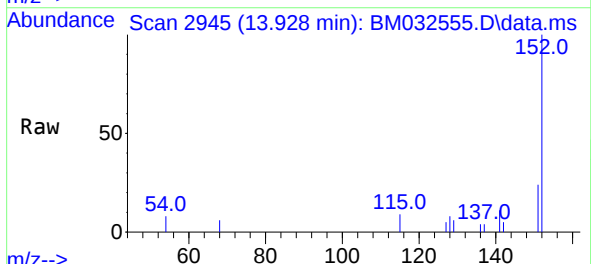
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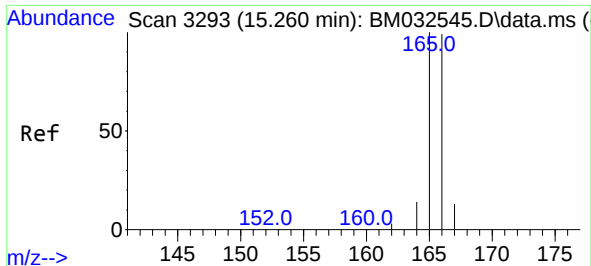
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#10
Acenaphthylene
Concen: 0.05 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.004 min
Lab File: BM032555.D
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Tgt Ion:152 Resp: 2527
Ion Ratio Lower Upper
152 100
151 23.6 16.7 25.1
153 0.0 0.0 0.0





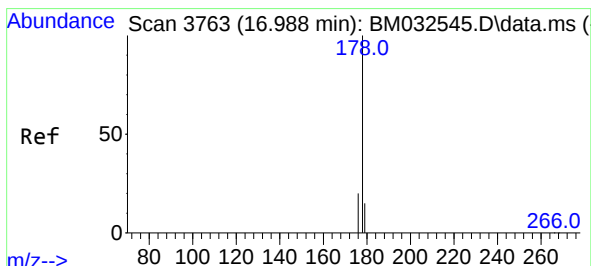
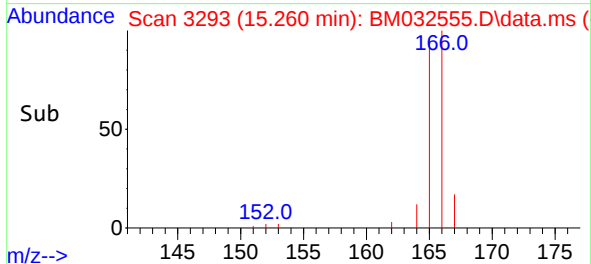
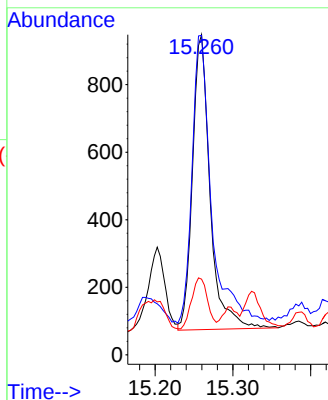
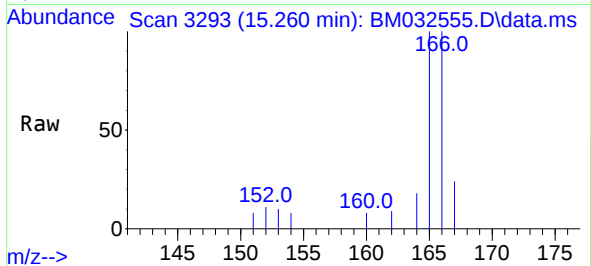
#12
Fluorene
Concen: 0.02 ng/ul
RT: 15.260 min Scan# 3293
Delta R.T. -0.004 min
Lab File: BM032555.D
Acq: 16 Oct 2021 09:35

Tgt Ion:	166	Resp:	1368
Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.7	121.1
167	23.6	11.2	16.8#

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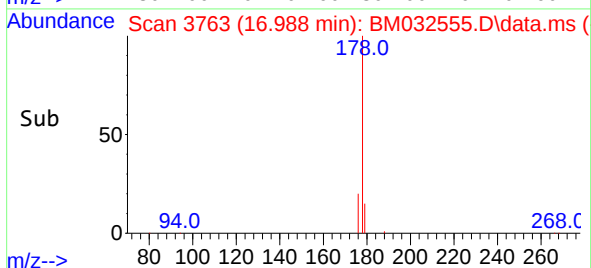
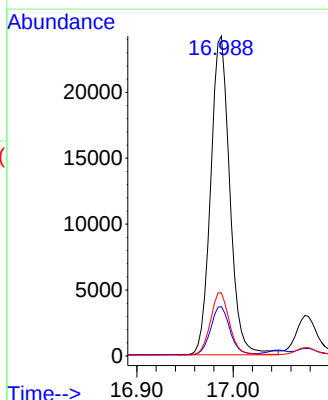
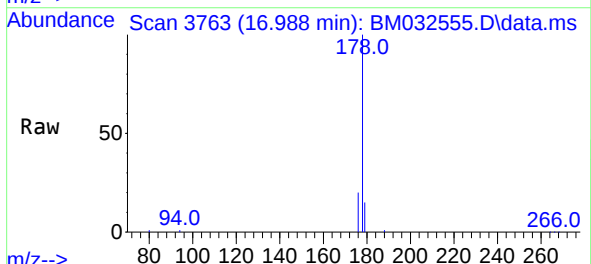
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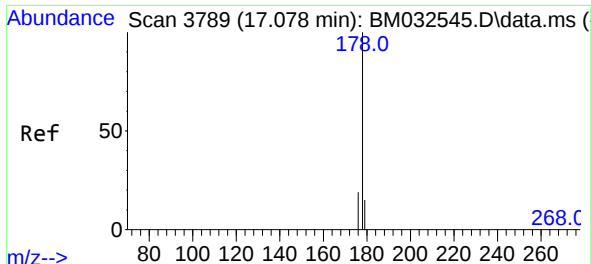
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#15
Phenanthrene
Concen: 0.38 ng/ul
RT: 16.988 min Scan# 3763
Delta R.T. -0.007 min
Lab File: BM032555.D
Acq: 16 Oct 2021 09:35

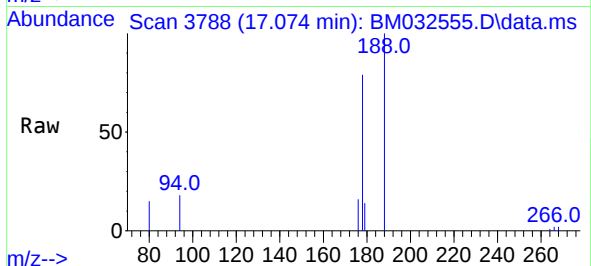
Tgt Ion:	178	Resp:	33291
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	19.8	16.1	24.1





#16
 Anthracene
 Concen: 0.05 ng/ul
 RT: 17.074 min Scan# 3788
 Delta R.T. -0.010 min
 Lab File: BM032555.D
 Acq: 16 Oct 2021 09:35

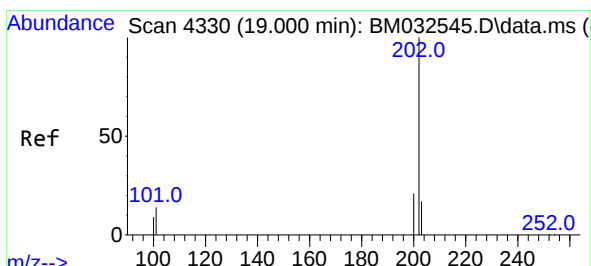
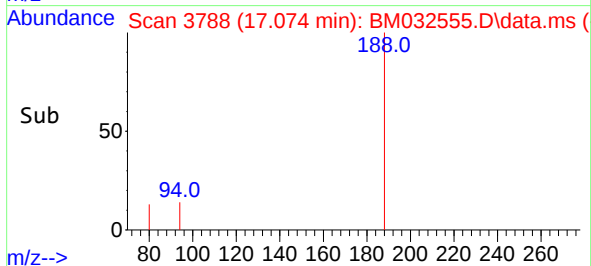
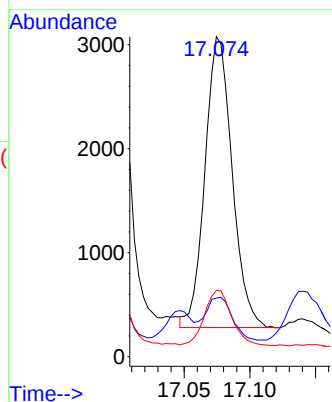
Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:	178	Resp:	4019
Ion Ratio	Lower	Upper	
178	100		
179	18.3	12.9	19.3
176	20.7	15.8	23.6

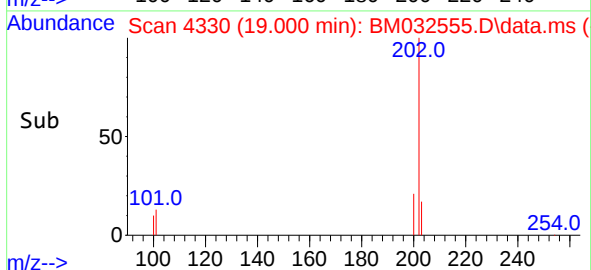
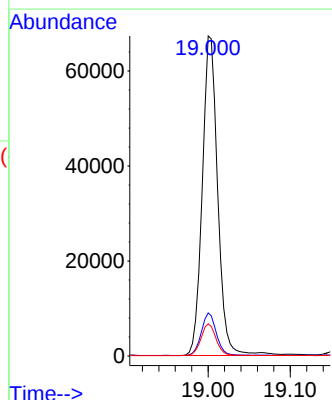
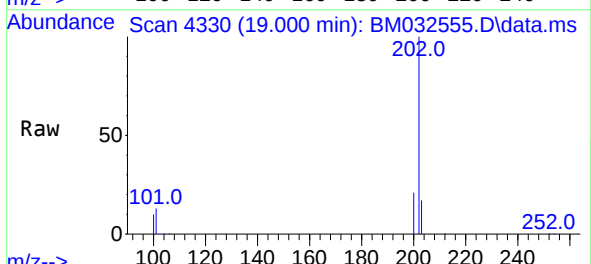
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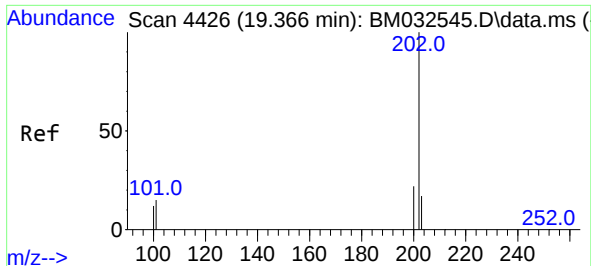
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#19
 Fluoranthene
 Concen: 0.94 ng/ul
 RT: 19.000 min Scan# 4330
 Delta R.T. -0.011 min
 Lab File: BM032555.D
 Acq: 16 Oct 2021 09:35

Tgt Ion:	202	Resp:	87829
Ion Ratio	Lower	Upper	
202	100		
101	13.4	10.6	16.0
100	10.1	7.8	11.8





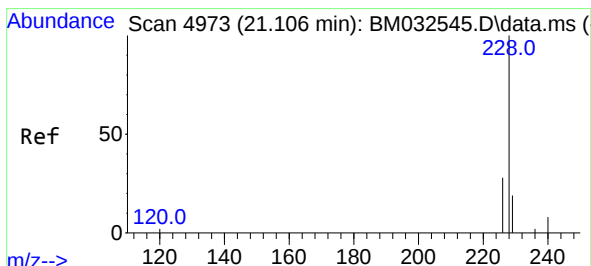
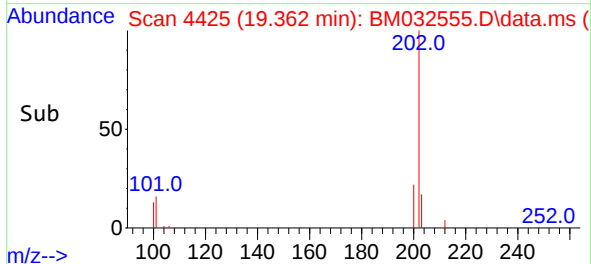
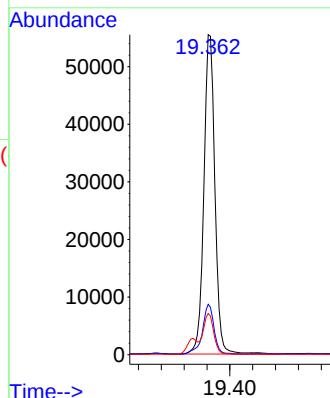
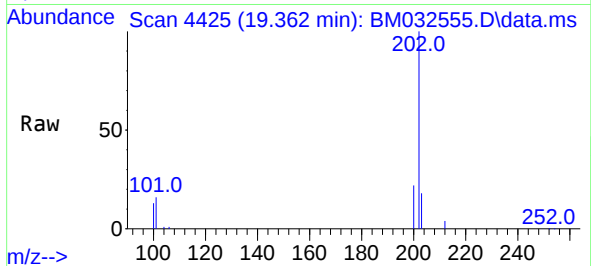
#20
Pyrene
Concen: 0.77 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.011 min
Lab File: BM032555.D
Acq: 16 Oct 2021 09:35

Tgt Ion:	202	Resp:	74357
Ion Ratio	Lower	Upper	
202	100		
101	15.7	12.3	18.5
100	12.8	10.1	15.1

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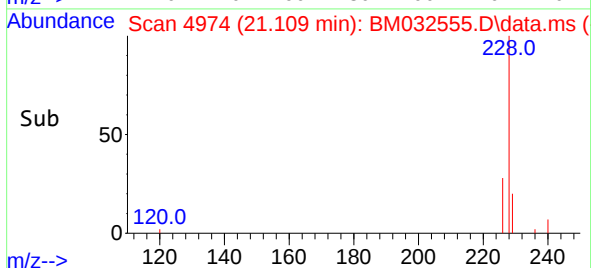
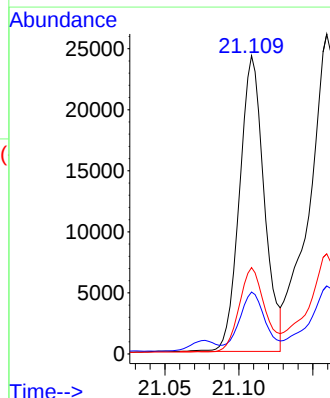
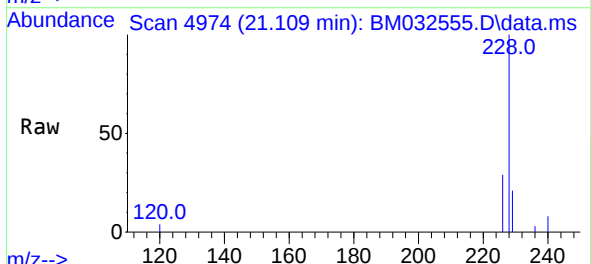
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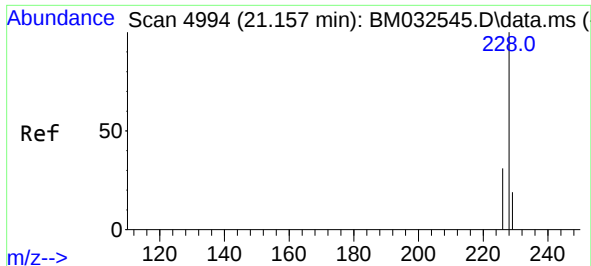
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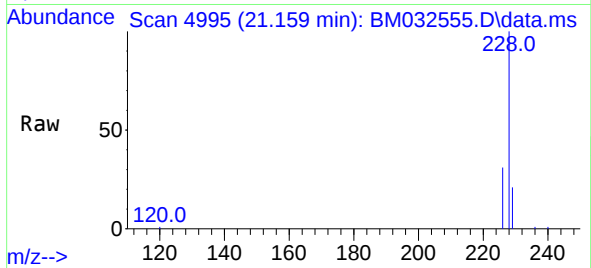
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Benzo(a)anthracene
Concen: 0.38 ng/ul
RT: 21.109 min Scan# 4974
Delta R.T. -0.012 min
Lab File: BM032555.D
Acq: 16 Oct 2021 09:35

Tgt Ion:	228	Resp:	28105
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.9	23.9
226	29.0	22.4	33.6

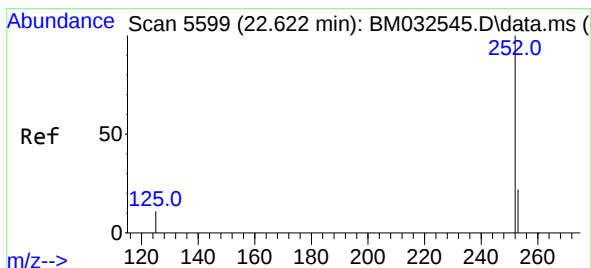
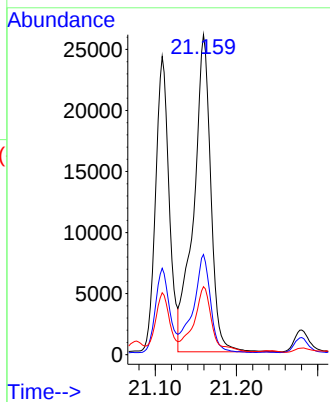
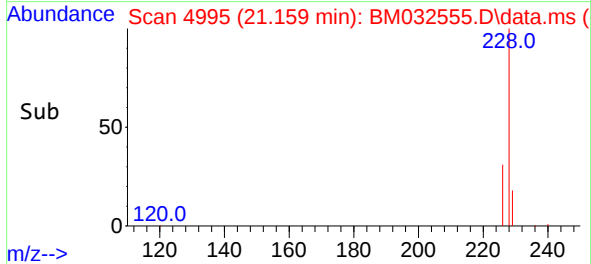




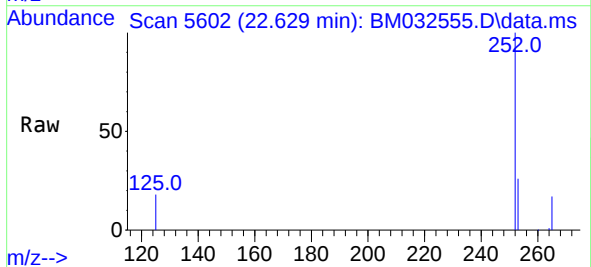
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Chrysene
Concen: 0.47 ng/u1
RT: 21.159 min Scan# 4995
Delta R.T. -0.012 min
Lab File: BM032555.D
Acq: 16 Oct 2021 09:35



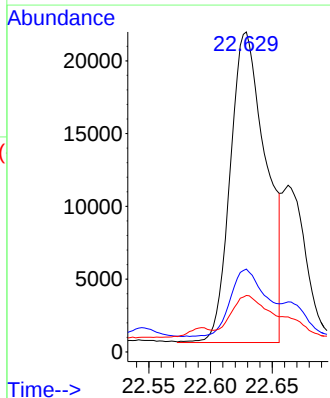
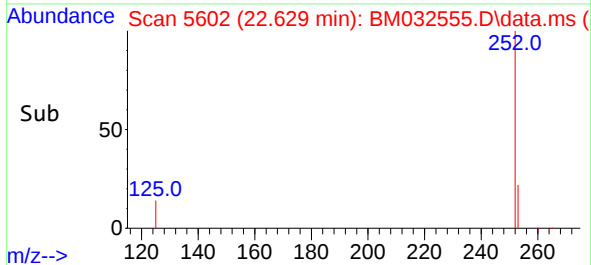
Tgt Ion:228 Resp: 37934
Ion Ratio Lower Upper
228 100
226 31.3 25.1 37.7
229 21.2 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 0.66 ng/u1 m
RT: 22.629 min Scan# 5602
Delta R.T. -0.014 min
Lab File: BM032555.D
Acq: 16 Oct 2021 09:35



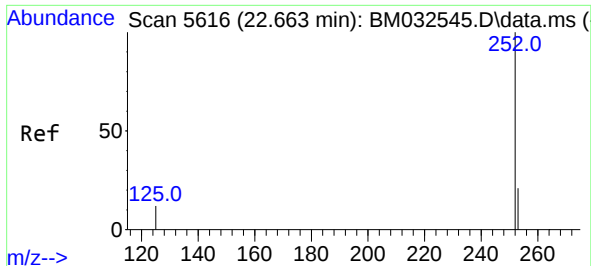
Tgt Ion:252 Resp: 43054
Ion Ratio Lower Upper
252 100
253 25.9 0.0 53.8
125 17.6 0.0 35.6



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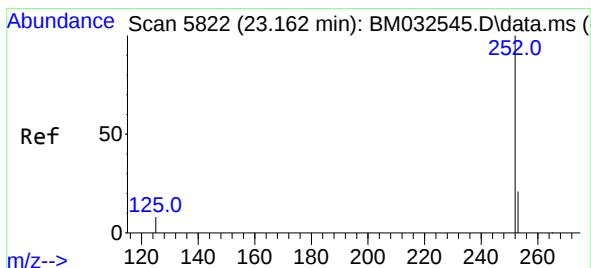
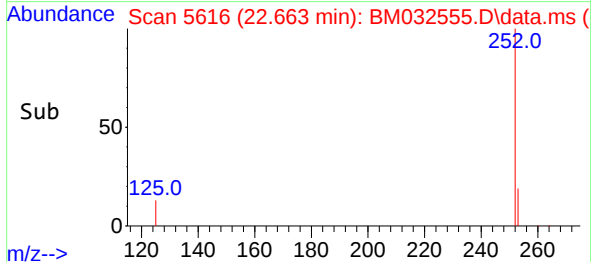
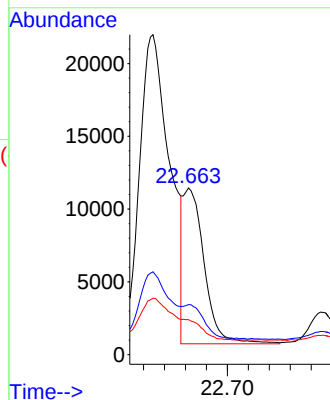
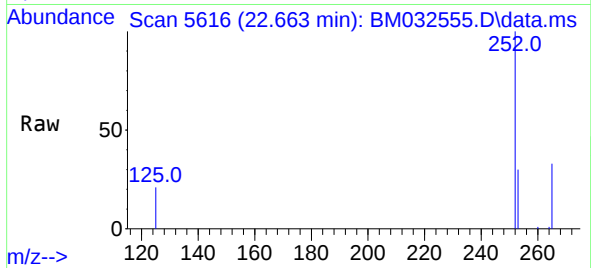
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Benzo(k)fluoranthene
Concen: 0.23 ng/ul m
RT: 22.663 min Scan# 5616
Delta R.T. -0.022 min
Lab File: BM032555.D
Acq: 16 Oct 2021 09:35

Tgt Ion:	252	Resp:	14931
Ion Ratio	Lower	Upper	
252	100		
253	30.0	21.8	32.6
125	21.0	14.4	21.6

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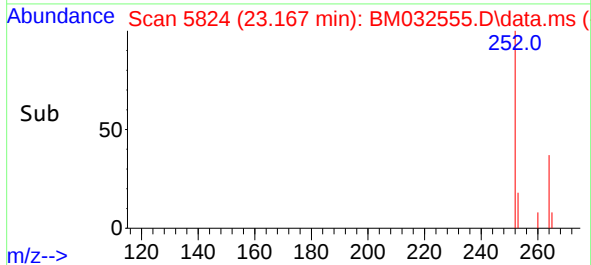
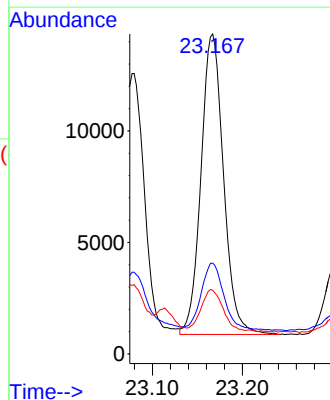
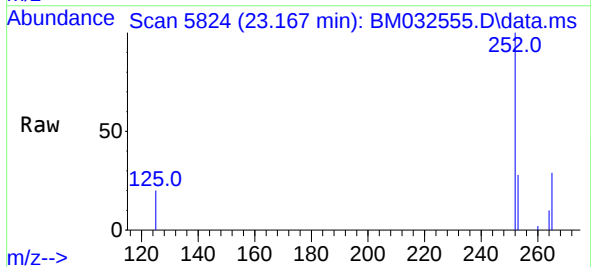
Manual Integrations
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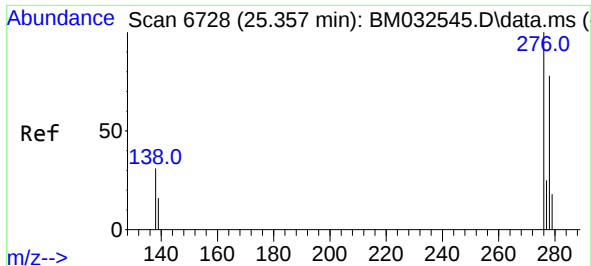
mohammad
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#26
Benzo(a)pyrene
Concen: 0.43 ng/ul
RT: 23.167 min Scan# 5824
Delta R.T. -0.017 min
Lab File: BM032555.D
Acq: 16 Oct 2021 09:35

Tgt Ion:	252	Resp:	23454
Ion Ratio	Lower	Upper	
252	100		
253	28.4	23.6	35.4
125	19.9	17.1	25.7





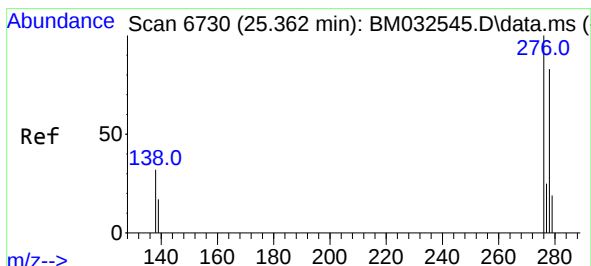
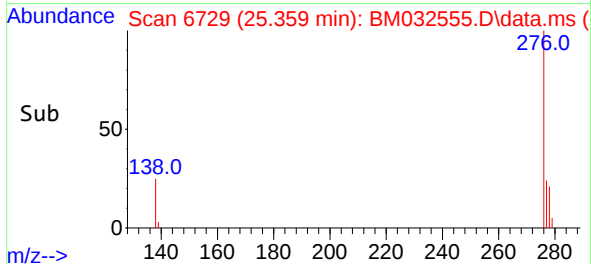
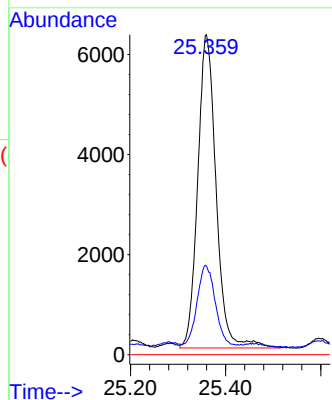
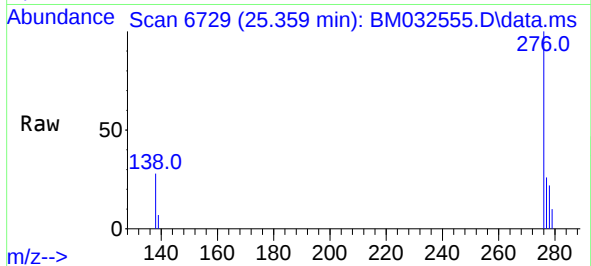
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.25 ng/ul
RT: 25.359 min Scan# 6729
Delta R.T. -0.027 min
Lab File: BM032555.D
Acq: 16 Oct 2021 09:35

Tgt Ion:	276	Resp:	16795
Ion Ratio	Lower	Upper	
276	100		
138	25.5	24.9	37.3
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
C00T0DL

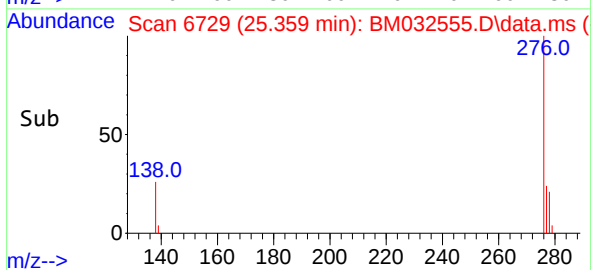
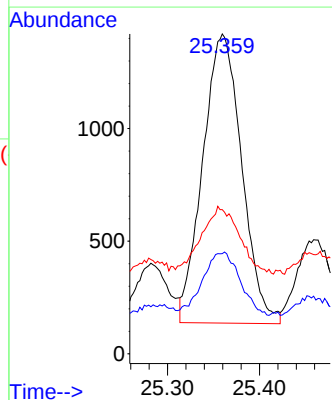
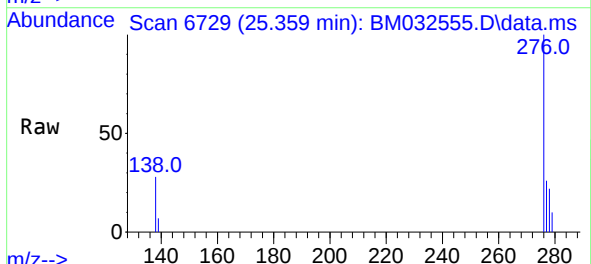
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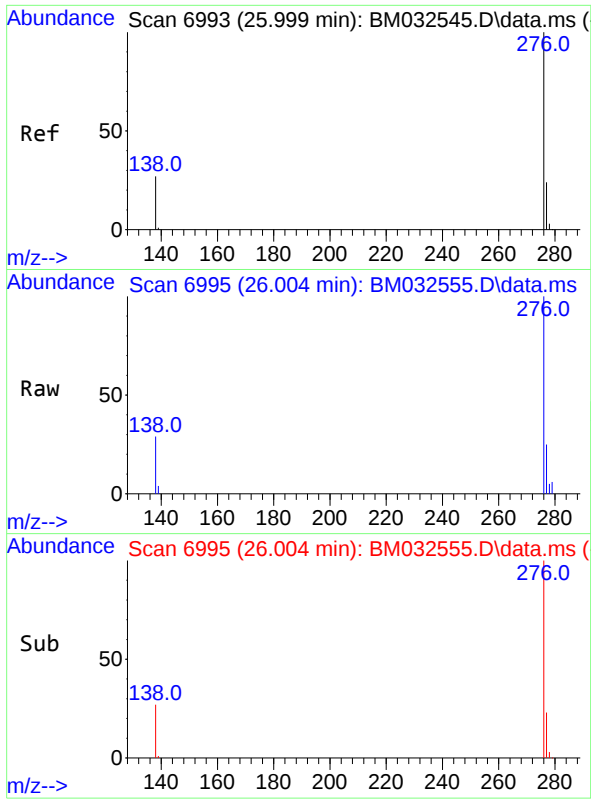
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#28
Dibenzo(a,h)anthracene
Concen: 0.07 ng/ul
RT: 25.359 min Scan# 6729
Delta R.T. -0.034 min
Lab File: BM032555.D
Acq: 16 Oct 2021 09:35

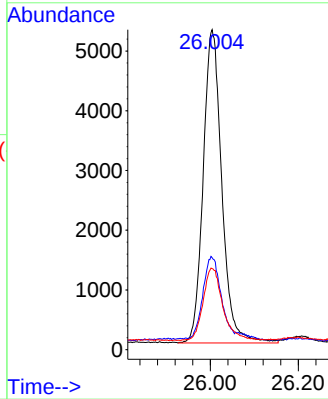
Tgt Ion:	278	Resp:	3777
Ion Ratio	Lower	Upper	
278	100		
139	31.3	18.6	28.0#
279	45.1	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.26 ng/ul
RT: 26.004 min Scan# 6995
Delta R.T. -0.027 min
Lab File: BM032555.D
Acq: 16 Oct 2021 09:35

Tgt Ion:	276	Resp:	15405
Ion Ratio	Lower	Upper	
276	100		
138	28.8	22.6	33.8
277	25.4	19.9	29.9



Instrument :
BNA_M
ClientSampleId :
C00T0DL

Manual Integrations
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