

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032520.D
 Acq On : 15 Oct 2021 11:39
 Operator : CG/JU
 Sample : M4030-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00T9

Manual Integrations
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Quant Time: Oct 15 12:55:46 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	7.557	152	4839	0.40	ng/ul	0.00
4) Naphthalene-d8	10.344	136	15322	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.217	164	7952	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	15137	0.40	ng/ul	0.00
17) Chrysene-d12	21.130	240	9553	0.40	ng/ul	0.00
23) Perylene-d12	23.271	264	7873	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.924	96	8586	1.58	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	1908	0.09	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	3645	0.12	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.393	128	1680	0.04	ng/ul#	84
7) 2-Methylnaphthalene	12.017	142	1093	0.04	ng/ul	98
8) 1-Methylnaphthalene	12.237	142	648	0.02	ng/ul	100
10) Acenaphthylene	13.933	152	1648	0.05	ng/ul	94
12) Fluorene	15.264	166	1726	0.05	ng/ul#	98
15) Phenanthrene	16.991	178	28176	0.55	ng/ul	99
16) Anthracene	17.078	178	4105	0.09	ng/ul	95
19) Fluoranthene	19.008	202	53610	1.13	ng/ul	100
20) Pyrene	19.370	202	45495	0.94	ng/ul	99
21) Benzo(a)anthracene	21.116	228	14936	0.40	ng/ul	97
22) Chrysene	21.164	228	20896	0.51	ng/ul	99
24) Benzo(b)fluoranthene	22.634	252	23664m	0.65	ng/ul	
25) Benzo(k)fluoranthene	22.673	252	8714m	0.24	ng/ul	
26) Benzo(a)pyrene	23.174	252	13818	0.45	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.374	276	10251	0.28	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.374	278	2251	0.08	ng/ul#	60
29) Benzo(g,h,i)perylene	26.021	276	9666	0.30	ng/ul	97

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

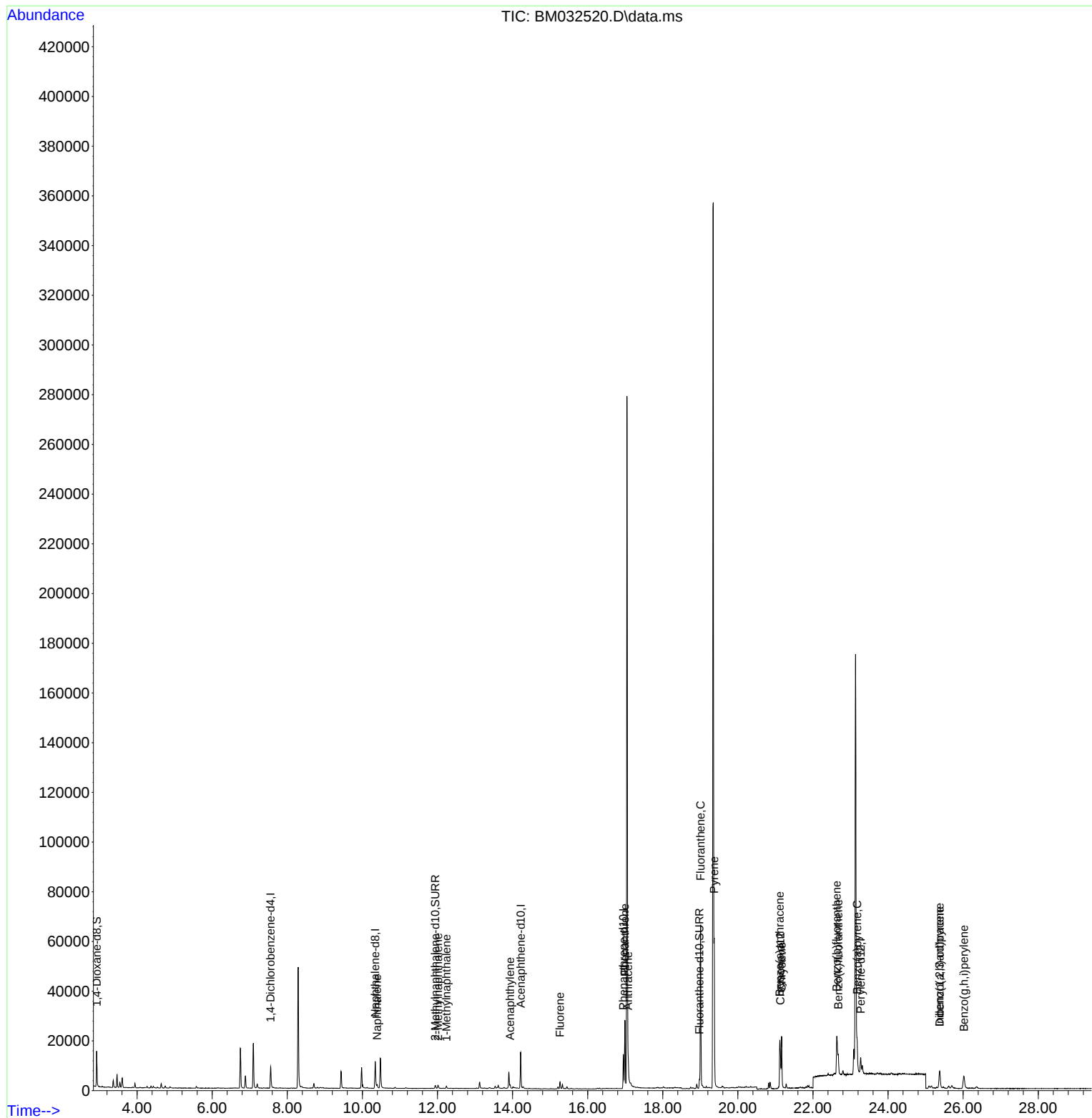
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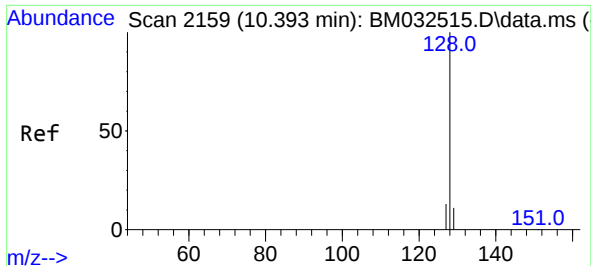
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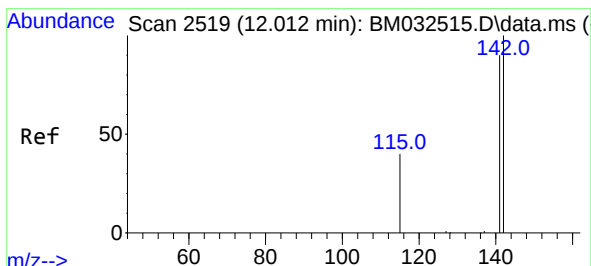
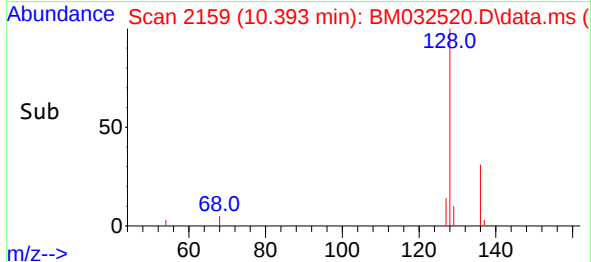
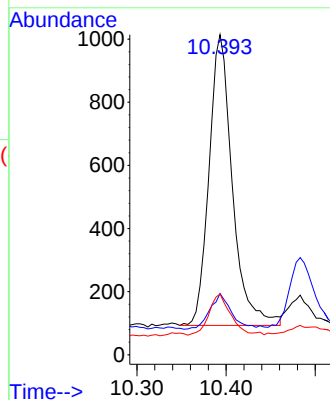
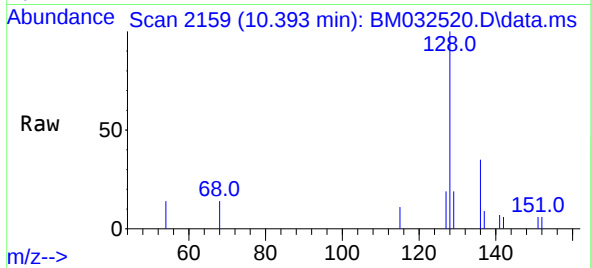
#5
Naphthalene
Concen: 0.04 ng/ul
RT: 10.393 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BM032520.D
Acq: 15 Oct 2021 11:39

Tgt Ion:128 Resp: 1680
Ion Ratio Lower Upper
128 100
129 19.1 9.1 13.7#
127 19.0 11.1 16.7#

Instrument :
BNA_M
ClientSampled :
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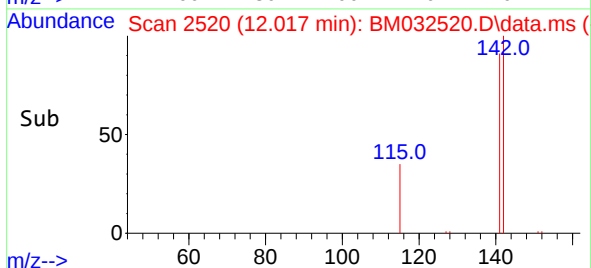
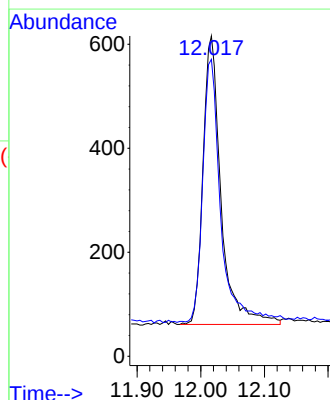
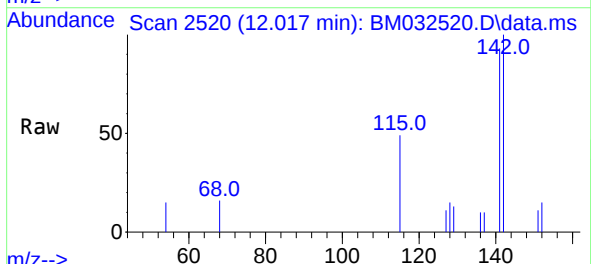
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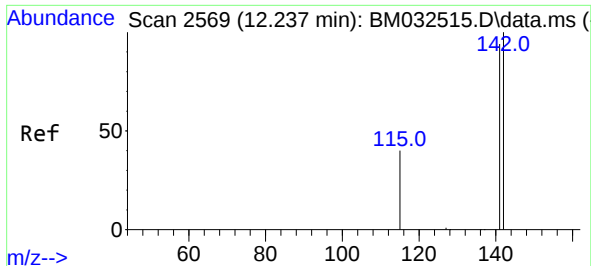
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#7
2-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.017 min Scan# 2520
Delta R.T. 0.005 min
Lab File: BM032520.D
Acq: 15 Oct 2021 11:39

Tgt Ion:142 Resp: 1093
Ion Ratio Lower Upper
142 100
141 91.8 72.2 108.2





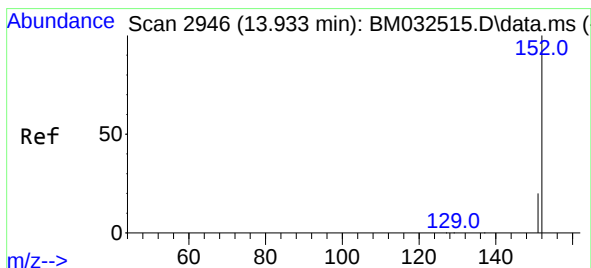
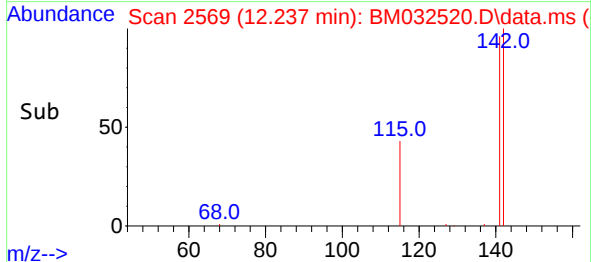
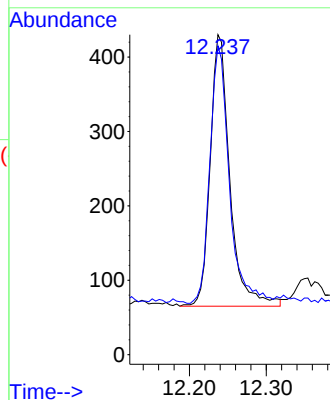
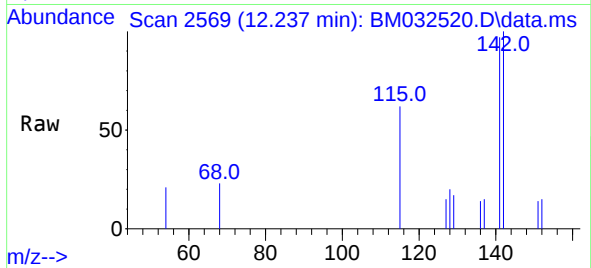
#8
1-Methylnaphthalene
Concen: 0.02 ng/ul
RT: 12.237 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BM032520.D
Acq: 15 Oct 2021 11:39

Tgt Ion:142 Resp: 648
Ion Ratio Lower Upper
142 100
141 93.8 74.9 112.3

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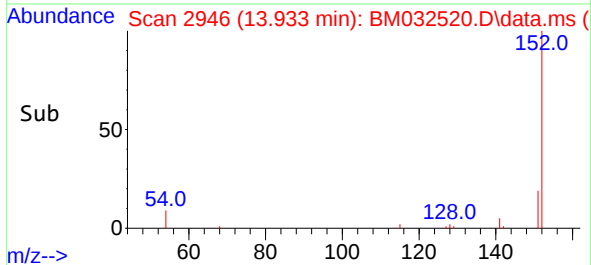
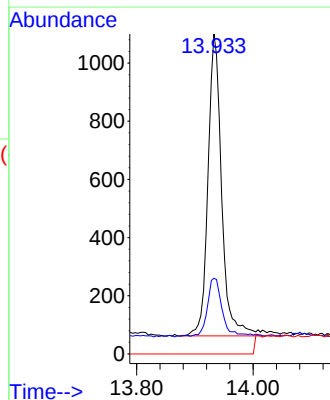
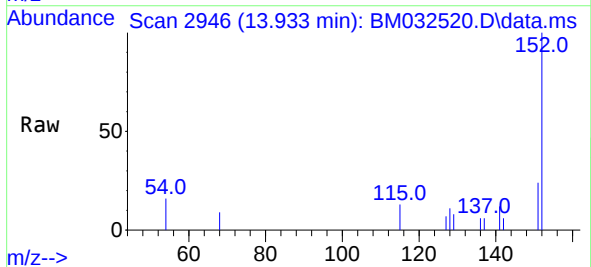
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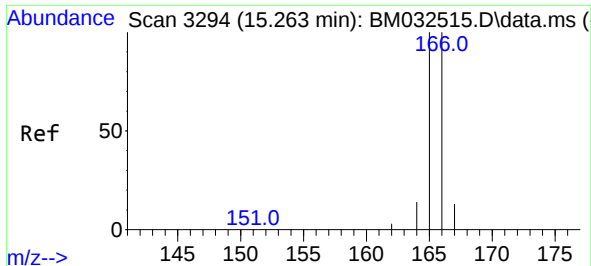
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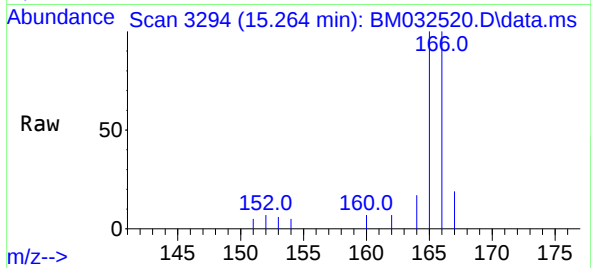
#10
Acenaphthylene
Concen: 0.05 ng/ul
RT: 13.933 min Scan# 2946
Delta R.T. 0.000 min
Lab File: BM032520.D
Acq: 15 Oct 2021 11:39

Tgt Ion:152 Resp: 1648
Ion Ratio Lower Upper
152 100
151 23.6 16.7 25.1
153 0.0 0.0 0.0

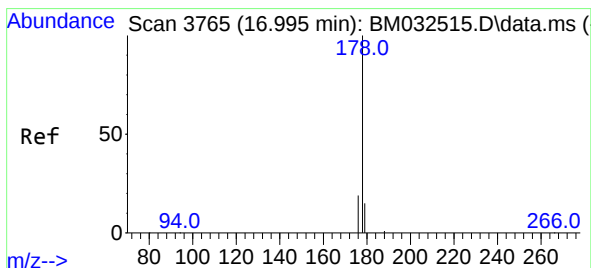
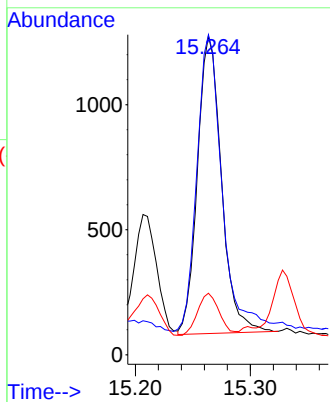
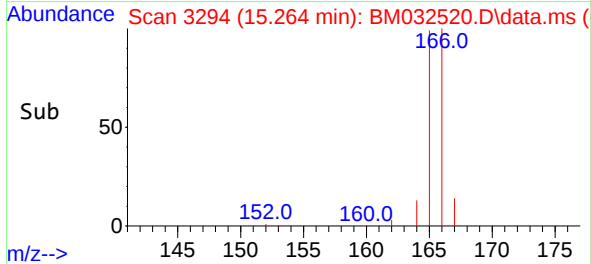




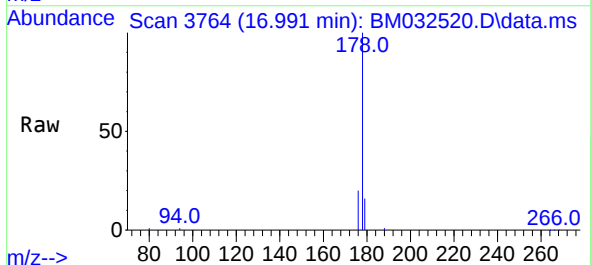
#12
Fluorene
Concen: 0.05 ng/ul
RT: 15.264 min Scan# 3294
Delta R.T. 0.000 min
Lab File: BM032520.D
Acq: 15 Oct 2021 11:39



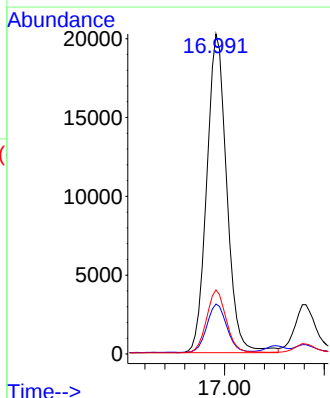
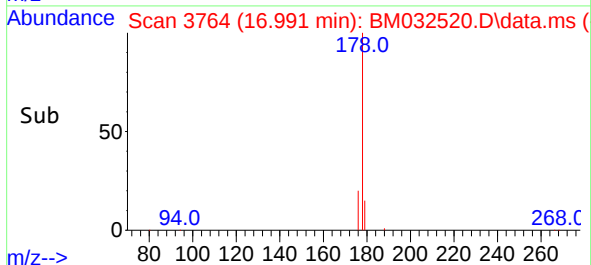
Tgt Ion:166 Resp: 1726
Ion Ratio Lower Upper
166 100
165 100.5 80.7 121.1
167 19.3 11.2 16.8#



#15
Phenanthrene
Concen: 0.55 ng/ul
RT: 16.991 min Scan# 3764
Delta R.T. -0.003 min
Lab File: BM032520.D
Acq: 15 Oct 2021 11:39



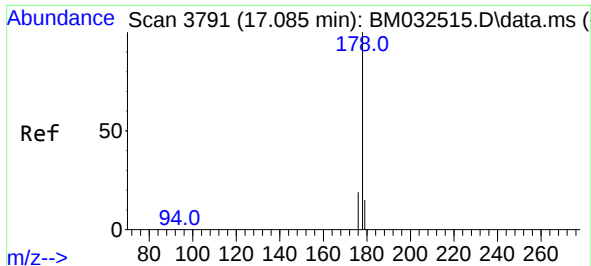
Tgt Ion:178 Resp: 28176
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 20.0 16.1 24.1



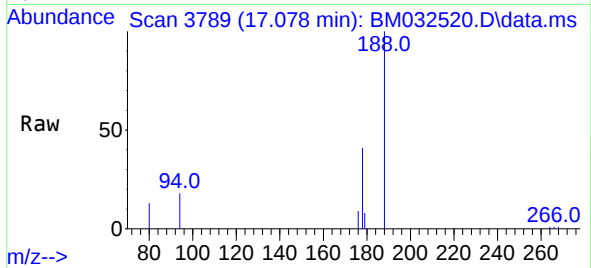
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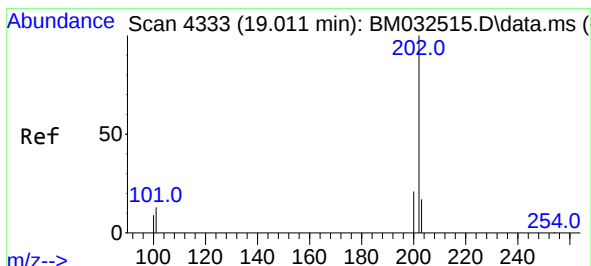
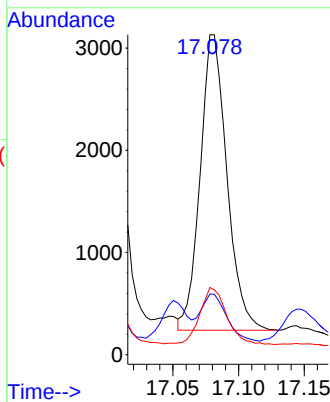
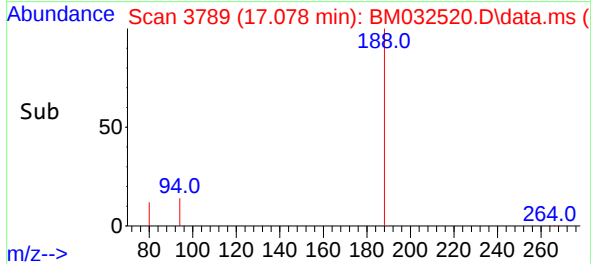
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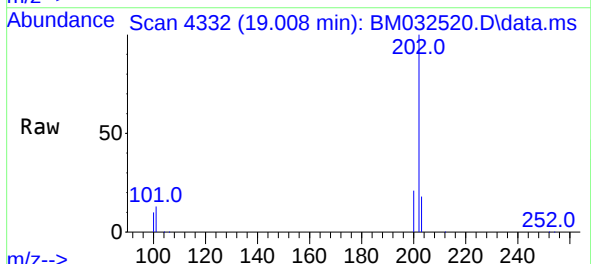
#16
 Anthracene
 Concen: 0.09 ng/ul
 RT: 17.078 min Scan# 3789
 Delta R.T. -0.007 min
 Lab File: BM032520.D
 Acq: 15 Oct 2021 11:39



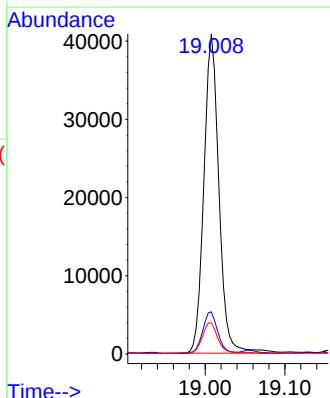
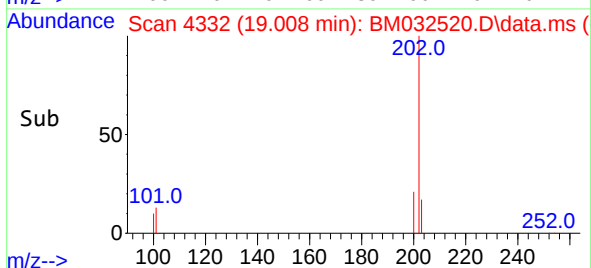
Tgt Ion:	178	Resp:	4105
Ion Ratio	Lower	Upper	
178	100		
179	18.9	12.9	19.3
176	21.0	15.8	23.6



#19
 Fluoranthene
 Concen: 1.13 ng/ul
 RT: 19.008 min Scan# 4332
 Delta R.T. -0.004 min
 Lab File: BM032520.D
 Acq: 15 Oct 2021 11:39



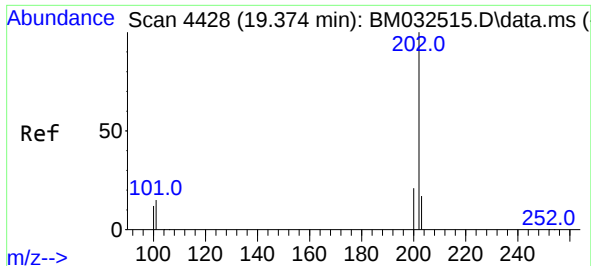
Tgt Ion:	202	Resp:	53610
Ion Ratio	Lower	Upper	
202	100		
101	13.1	10.6	16.0
100	9.7	7.8	11.8



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 C00T9

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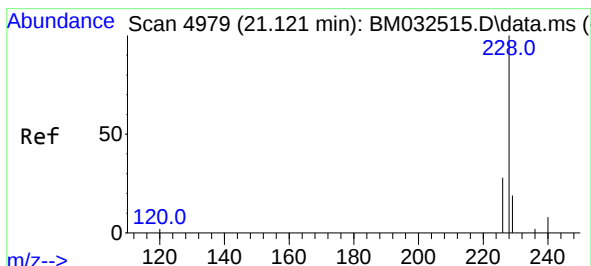
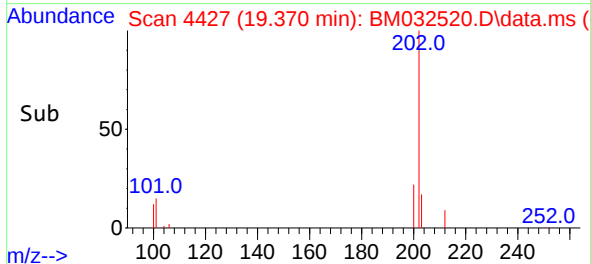
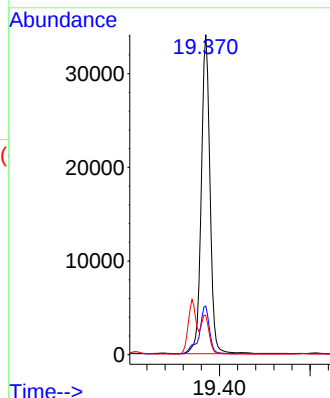
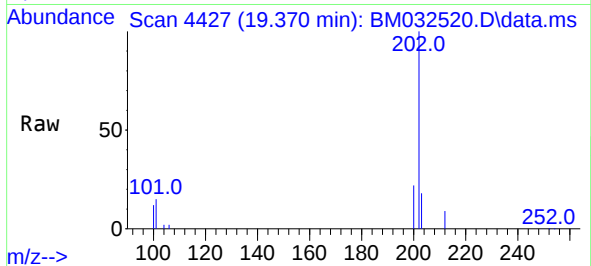
#20
Pyrene
Concen: 0.94 ng/ul
RT: 19.370 min Scan# 4427
Delta R.T. -0.004 min
Lab File: BM032520.D
Acq: 15 Oct 2021 11:39

Tgt Ion:	202	Resp:	45495
Ion Ratio	Lower	Upper	
202	100		
101	15.1	12.3	18.5
100	12.2	10.1	15.1

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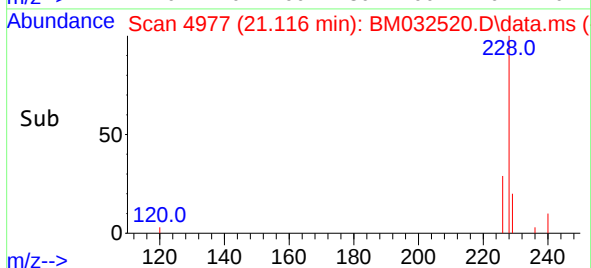
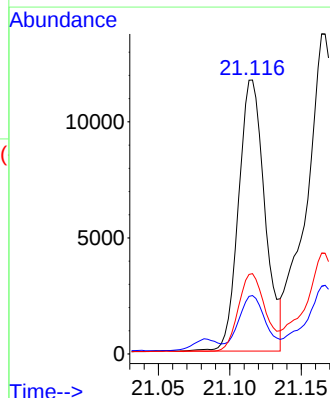
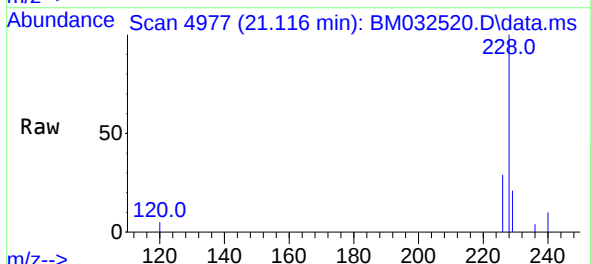
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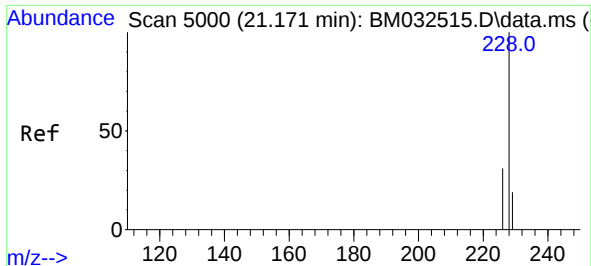
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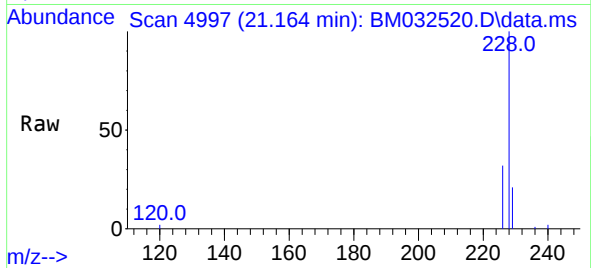
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Benzo(a)anthracene
Concen: 0.40 ng/ul
RT: 21.116 min Scan# 4977
Delta R.T. -0.005 min
Lab File: BM032520.D
Acq: 15 Oct 2021 11:39

Tgt Ion:	228	Resp:	14936
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.9	23.9
226	29.3	22.4	33.6

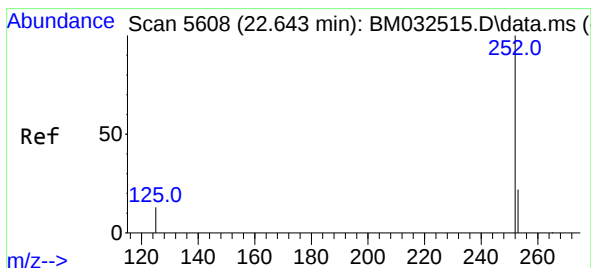
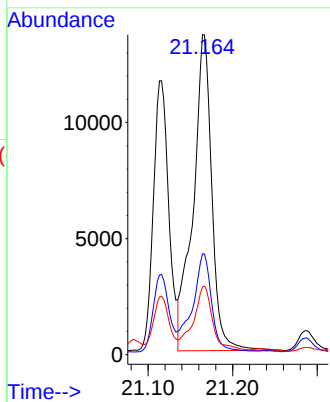
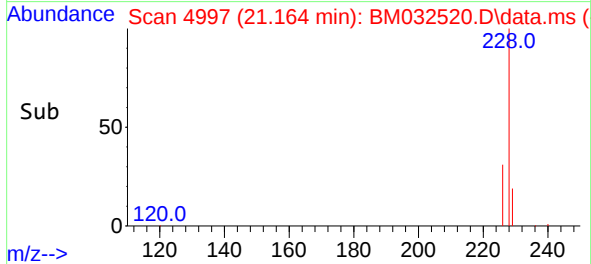




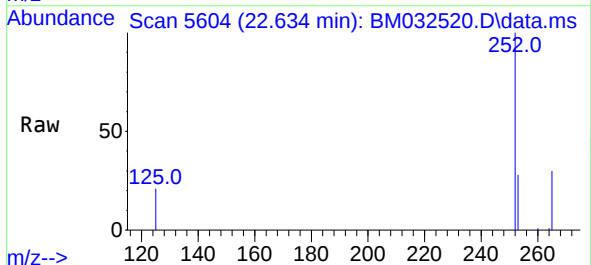
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Chrysene
Concen: 0.51 ng/ul
RT: 21.164 min Scan# 4997
Delta R.T. -0.007 min
Lab File: BM032520.D
Acq: 15 Oct 2021 11:39



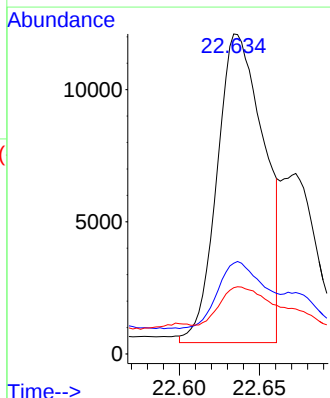
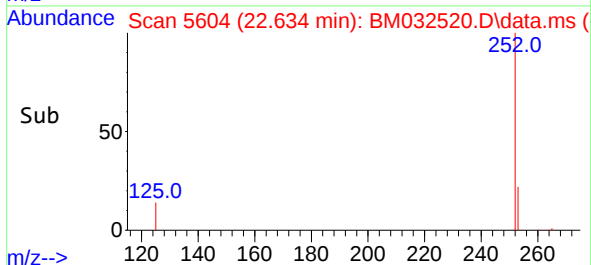
Tgt Ion:228 Resp: 20896
Ion Ratio Lower Upper
228 100
226 31.5 25.1 37.7
229 21.2 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 0.65 ng/ul m
RT: 22.634 min Scan# 5604
Delta R.T. -0.010 min
Lab File: BM032520.D
Acq: 15 Oct 2021 11:39



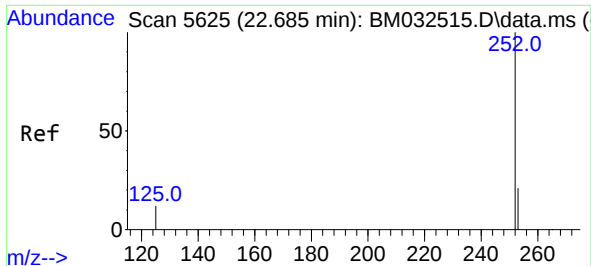
Tgt Ion:252 Resp: 23664
Ion Ratio Lower Upper
252 100
253 28.4 0.0 53.8
125 20.7 0.0 35.6



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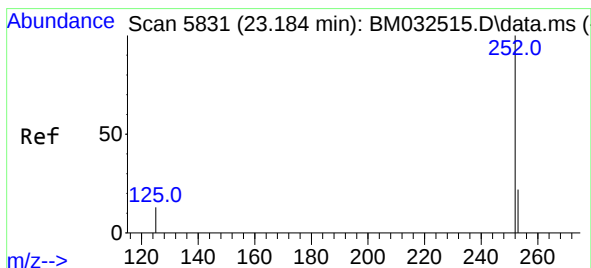
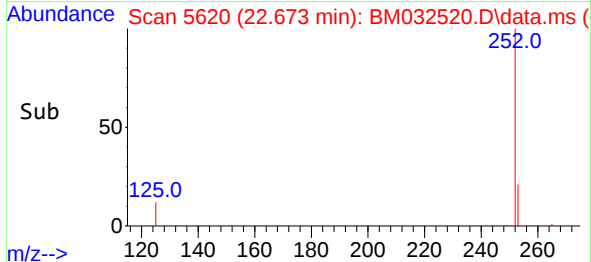
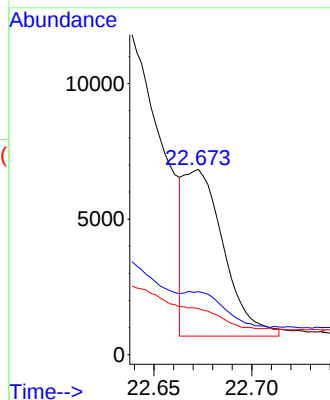
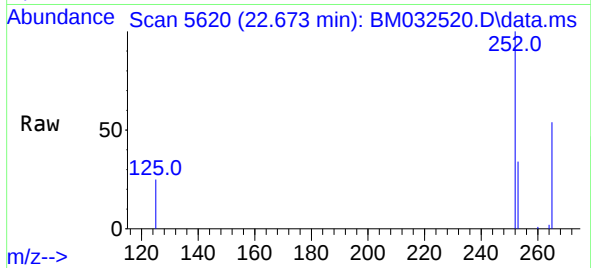
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Benzo(k)fluoranthene
Concen: 0.24 ng/ul m
RT: 22.673 min Scan# 5620
Delta R.T. -0.012 min
Lab File: BM032520.D
Acq: 15 Oct 2021 11:39

Tgt Ion:252 Resp: 8714
Ion Ratio Lower Upper
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253 34.0 21.8 32.6#
125 24.9 14.4 21.6#

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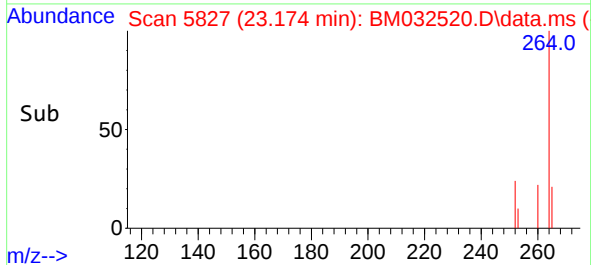
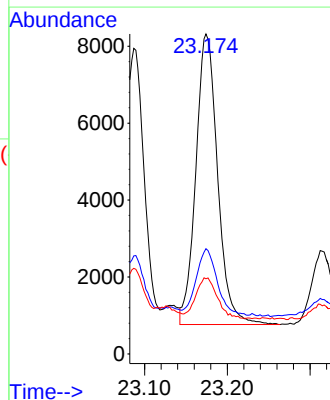
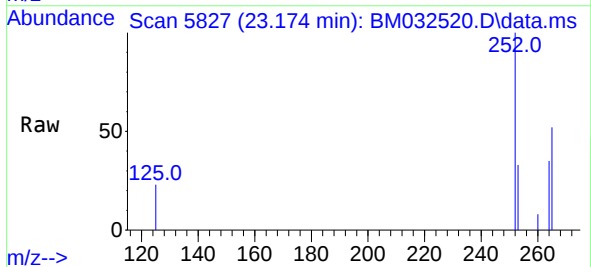
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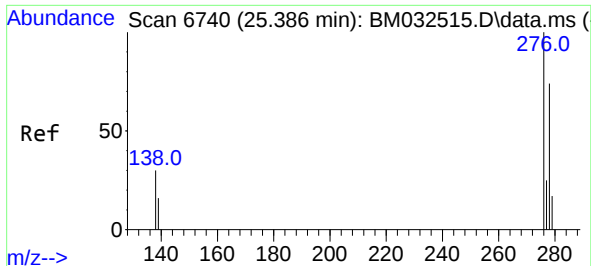
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#26
Benzo(a)pyrene
Concen: 0.45 ng/ul
RT: 23.174 min Scan# 5827
Delta R.T. -0.010 min
Lab File: BM032520.D
Acq: 15 Oct 2021 11:39

Tgt Ion:252 Resp: 13818
Ion Ratio Lower Upper
252 100
253 32.9 23.6 35.4
125 23.5 17.1 25.7





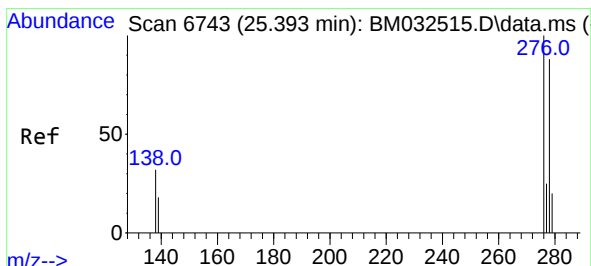
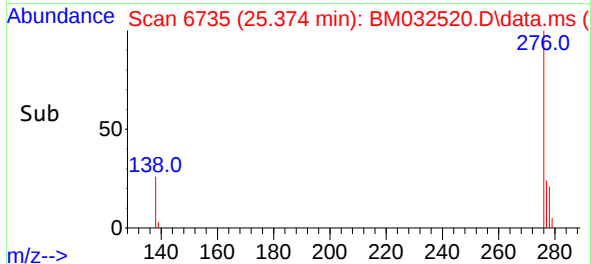
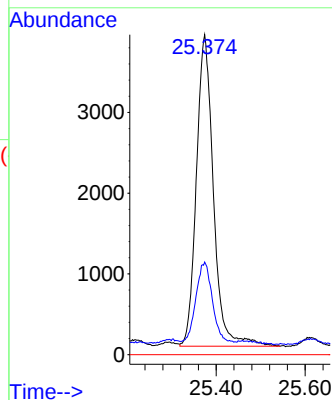
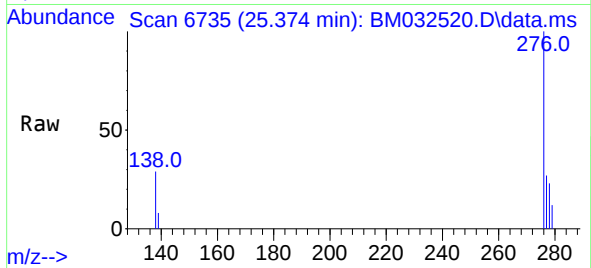
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.28 ng/ul
RT: 25.374 min Scan# 6735
Delta R.T. -0.012 min
Lab File: BM032520.D
Acq: 15 Oct 2021 11:39

Tgt Ion: 276 Resp: 10251
Ion Ratio Lower Upper
276 100
138 24.5 24.9 37.3#
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampleId :
C00T9

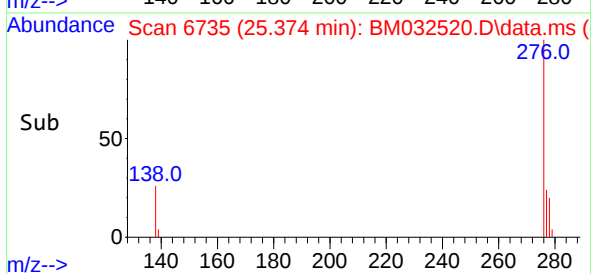
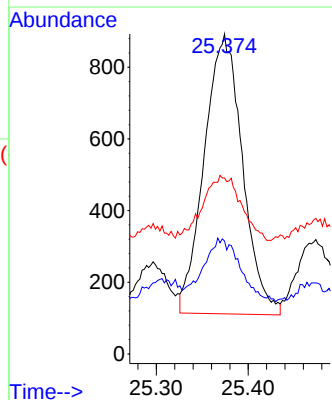
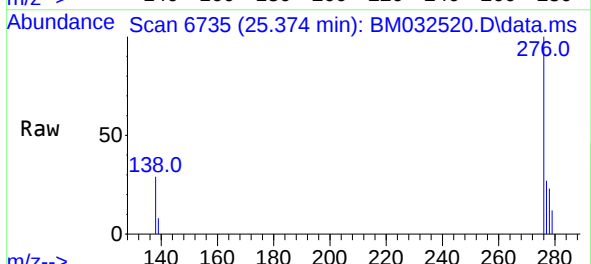
Manual Integrations
APPROVED

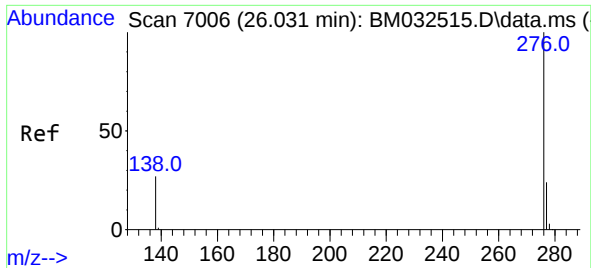
mohammad
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#28
Dibenzo(a,h)anthracene
Concen: 0.08 ng/ul
RT: 25.374 min Scan# 6735
Delta R.T. -0.019 min
Lab File: BM032520.D
Acq: 15 Oct 2021 11:39

Tgt Ion: 278 Resp: 2251
Ion Ratio Lower Upper
278 100
139 35.3 18.6 28.0#
279 55.0 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.30 ng/ul
RT: 26.021 min Scan# 7002
Delta R.T. -0.010 min
Lab File: BM032520.D
Acq: 15 Oct 2021 11:39

Tgt Ion:	276	Resp:	9666
Ion Ratio	Lower	Upper	
276	100		
138	29.0	22.6	33.8
277	27.0	19.9	29.9

Instrument :
BNA_M
ClientSampleId :
C00T9

Manual Integrations
APPROVED

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