

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031460.D
 Acq On : 04 Aug 2021 22:52
 Operator : CG/JU
 Sample : M3141-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEP1

Manual Integrations
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Quant Time: Aug 05 01:02:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 04 12:17:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	2	0.400	ng/ul	# 0.01
4) Naphthalene-d8	10.356	136	29	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.224	164	146	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	16.971	188	154m	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.171	240	67	0.400	ng/ul	# 0.00
23) Perylene-d12	23.372	264	8	0.400	ng/ul	# 0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	4078	1835.924	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.948	152	1304	26.684	ng/ul	0.00
18) Fluoranthene-d10	19.005	212	2661	11.901	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.227	88	21	9.358	ng/ul#	61
5) Naphthalene	10.401	128	106	1.227	ng/ul#	7
7) 2-Methylnaphthalene	12.020	142	26	0.441	ng/ul	97
8) 1-Methylnaphthalene	12.245	142	22	0.377	ng/ul	89
10) Acenaphthylene	13.945	152	27	0.043	ng/ul#	1
11) Acenaphthene	14.284	153	13	0.025	ng/ul#	71
12) Fluorene	15.278	166	38	0.063	ng/ul#	69
14) Pentachlorophenol	16.628	266	8	0.162	ng/ul#	59
15) Phenanthrene	17.016	178	172	0.352	ng/ul#	45
16) Anthracene	17.107	178	41	0.090	ng/ul#	1
19) Fluoranthene	19.039	202	159	0.556	ng/ul#	1
20) Pyrene	19.390	202	147m	0.507	ng/ul	
21) Benzo(a)anthracene	21.151	228	70	0.259	ng/ul#	1
22) Chrysene	21.205	228	104m	0.372	ng/ul	
24) Benzo(b)fluoranthene	22.725	252	66	1.831	ng/ul#	1
25) Benzo(k)fluoranthene	22.766	252	12	0.322	ng/ul#	1
26) Benzo(a)pyrene	23.365	252	2405	76.189	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.526	276	3	0.074	ng/ul#	57
28) Dibenzo(a,h)anthracene	25.541	278	1	0.030	ng/ul#	1
29) Benzo(g,h,i)perylene	26.171	276	2	0.057	ng/ul#	1

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

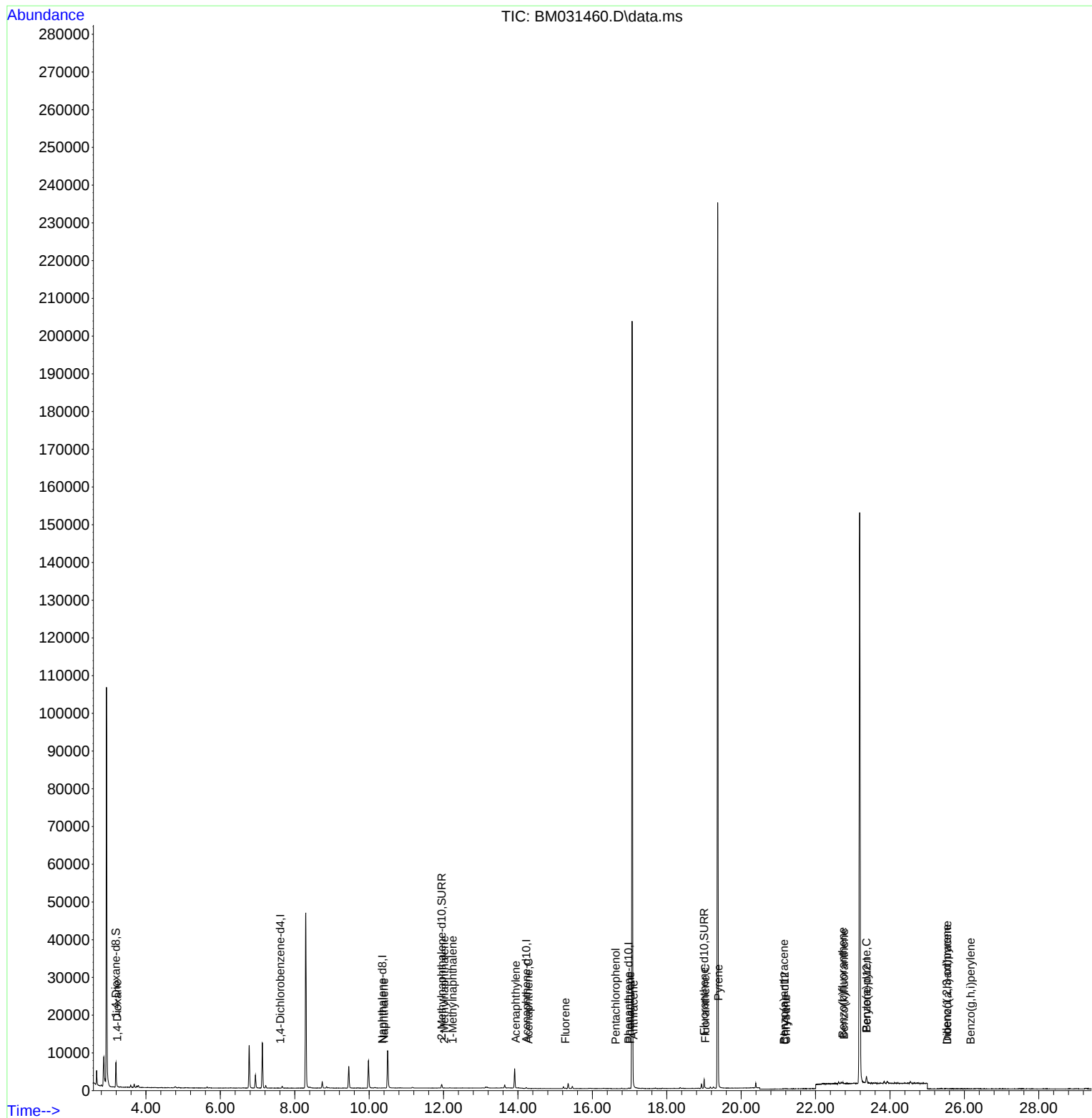
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031460.D
Acq On : 04 Aug 2021 22:52
Operator : CG/JU
Sample : M3141-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

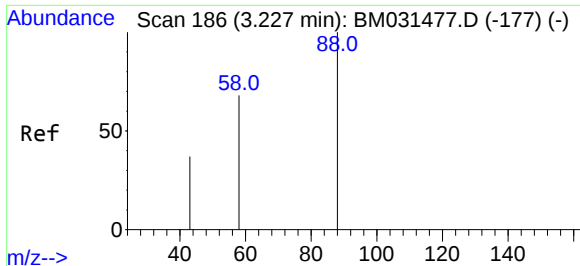
Instrument :
BNA_M
ClientSampleId :
BGEPI

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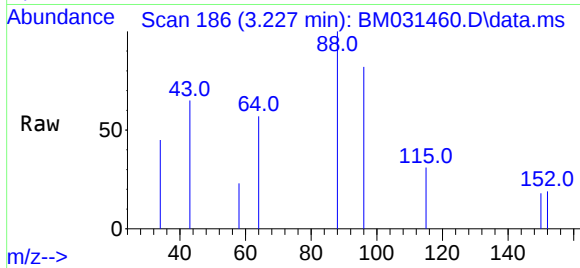
Quant Time: Aug 05 01:02:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 12:17:22 2021
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 9.358 ng/ul
RT: 3.227 min Scan# 186
Delta R.T. -0.004 min
Lab File: BM031460.D
Acq: 04 Aug 2021 22:52

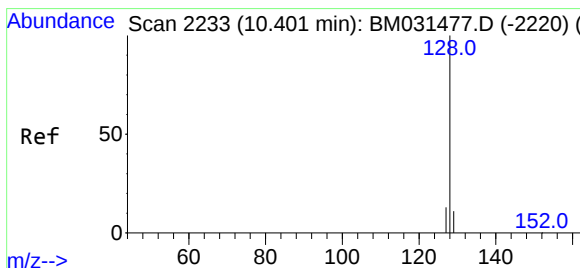
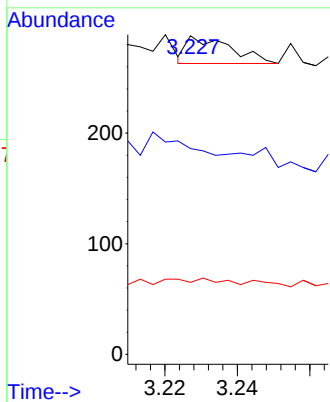
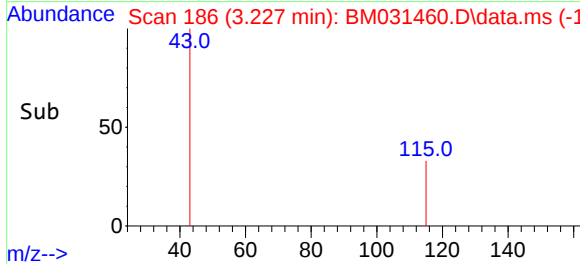
Instrument :
BNA_M
ClientSampled :
BGEP1



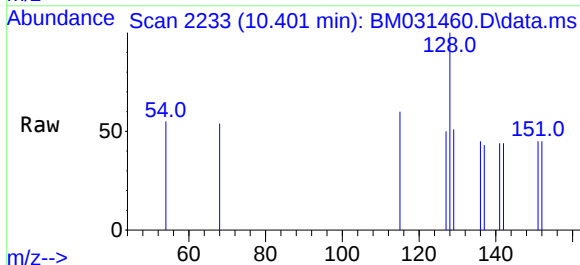
Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 64.6 29.7 44.5#
58 22.6 35.6 53.4#

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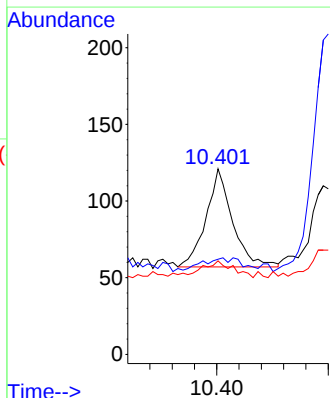
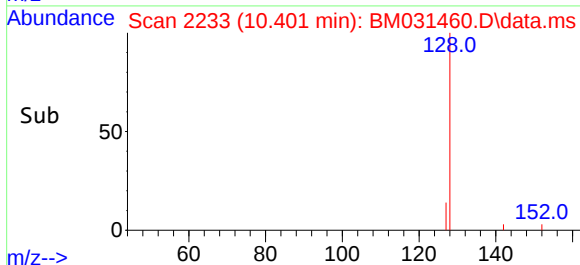
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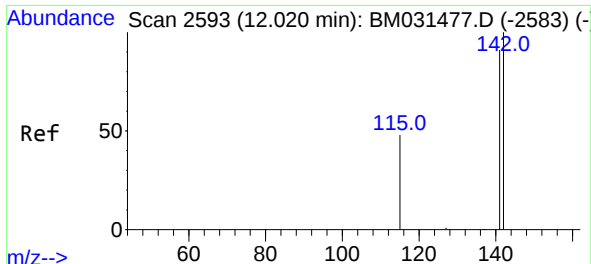


#5
Naphthalene
Concen: 1.227 ng/ul
RT: 10.401 min Scan# 2233
Delta R.T. -0.004 min
Lab File: BM031460.D
Acq: 04 Aug 2021 22:52



Tgt Ion: 128 Resp: 106
Ion Ratio Lower Upper
128 100
129 51.2 10.0 15.0#
127 50.4 11.6 17.4#





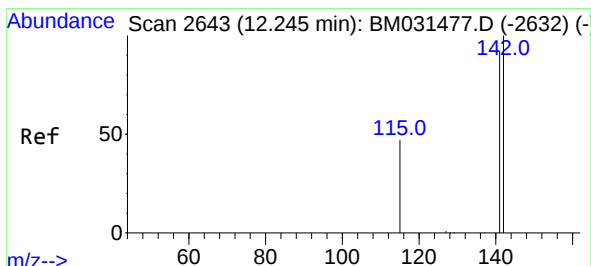
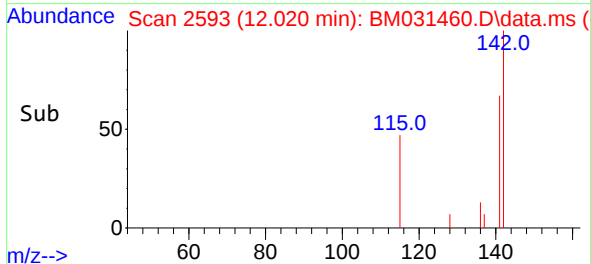
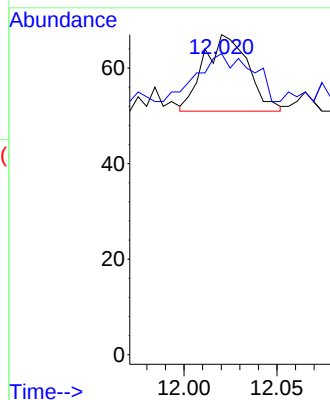
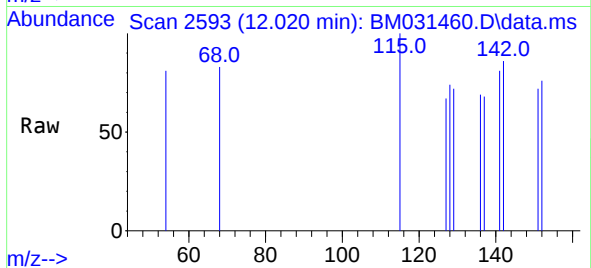
#7
2-Methylnaphthalene
Concen: 0.441 ng/ul
RT: 12.020 min Scan# 2593
Delta R.T. -0.008 min
Lab File: BM031460.D
Acq: 04 Aug 2021 22:52

Tgt Ion:142 Resp: 26
Ion Ratio Lower Upper
142 100
141 92.3 71.4 107.0

Instrument :
BNA_M
ClientSampled :
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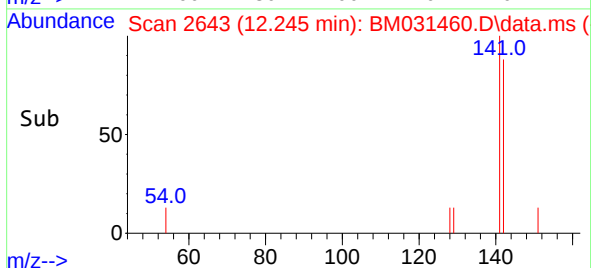
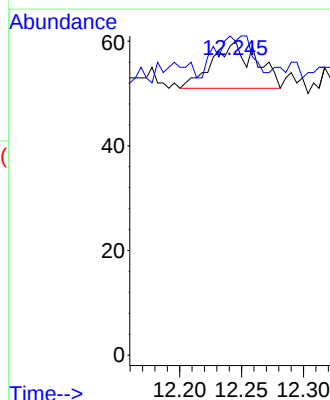
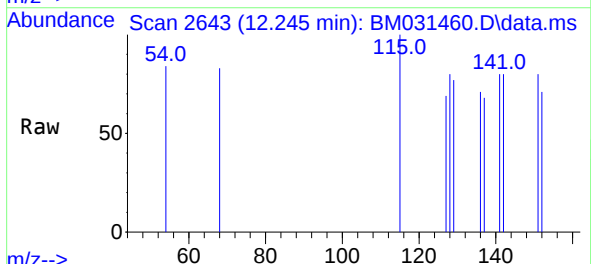
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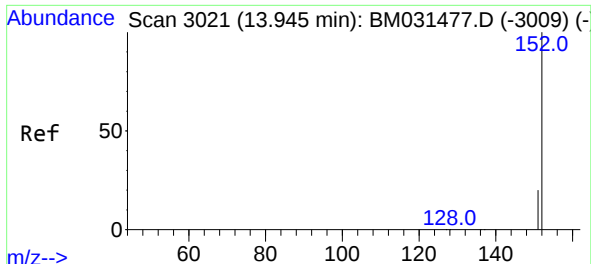
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#8
1-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. -0.004 min
Lab File: BM031460.D
Acq: 04 Aug 2021 22:52

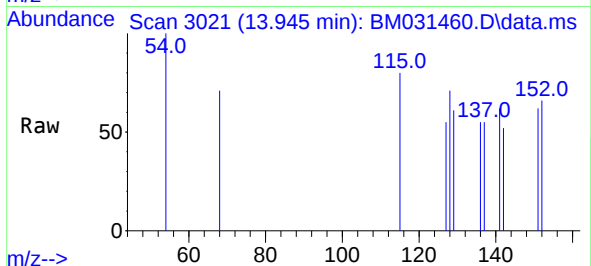
Tgt Ion:142 Resp: 22
Ion Ratio Lower Upper
142 100
141 81.8 74.1 111.1





#10
Acenaphthylene
Concen: 0.043 ng/ul
RT: 13.945 min Scan# 3021
Delta R.T. -0.004 min
Lab File: BM031460.D
Acq: 04 Aug 2021 22:52

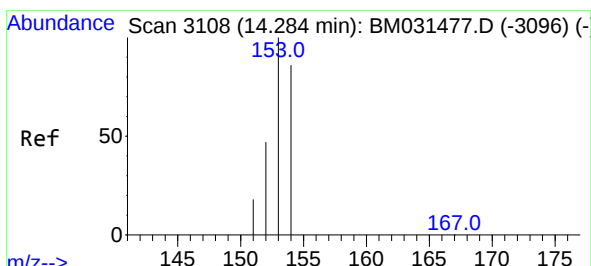
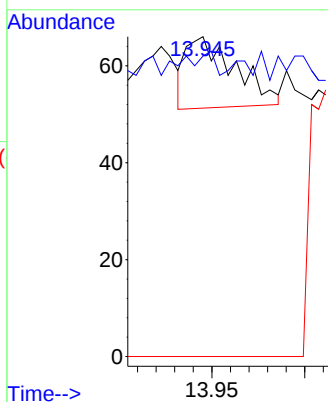
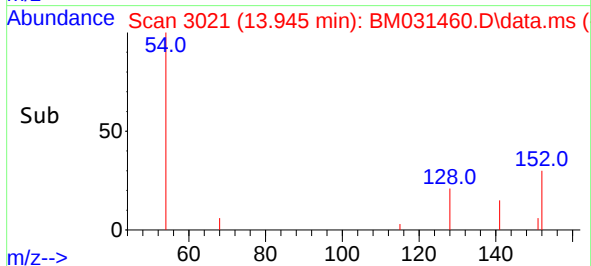
Instrument :
BNA_M
ClientSampled :
BGEPI



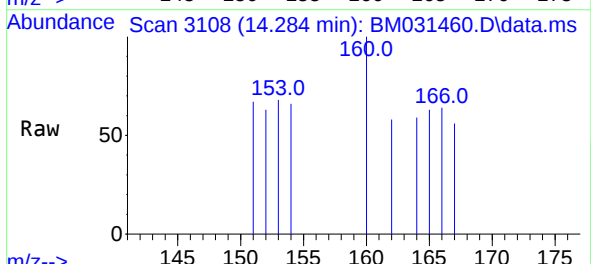
Tgt Ion:152 Resp: 27
Ion Ratio Lower Upper
152 100
151 93.9 16.9 25.3#
153 0.0 0.0 0.0

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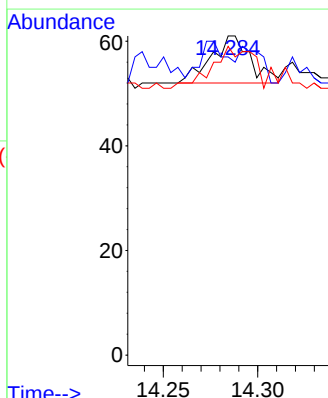
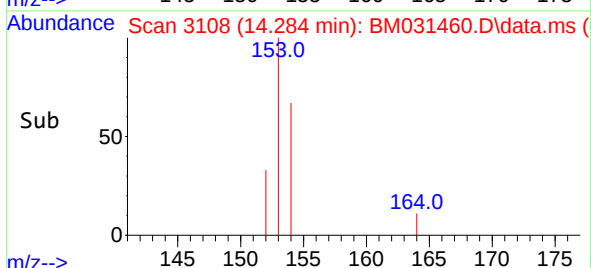
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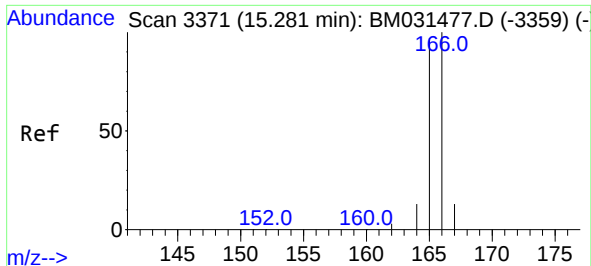


#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.284 min Scan# 3108
Delta R.T. -0.004 min
Lab File: BM031460.D
Acq: 04 Aug 2021 22:52



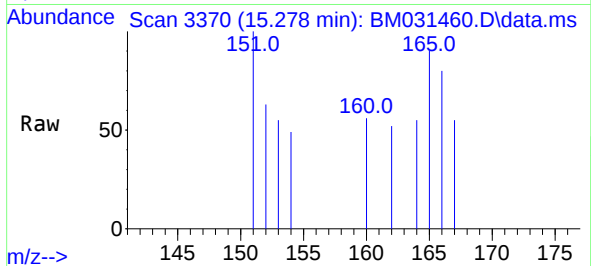
Tgt Ion:153 Resp: 13
Ion Ratio Lower Upper
153 100
152 93.4 40.7 61.1#
154 96.7 70.2 105.2





#12
Fluorene
Concen: 0.063 ng/ul
RT: 15.278 min Scan# 3370
Delta R.T. -0.004 min
Lab File: BM031460.D
Acq: 04 Aug 2021 22:52

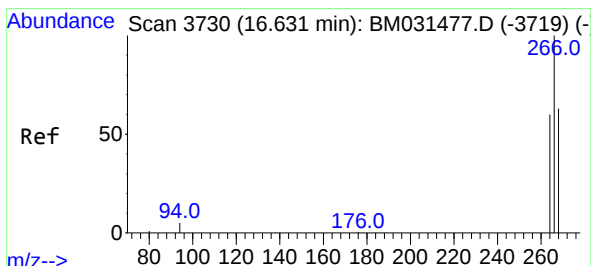
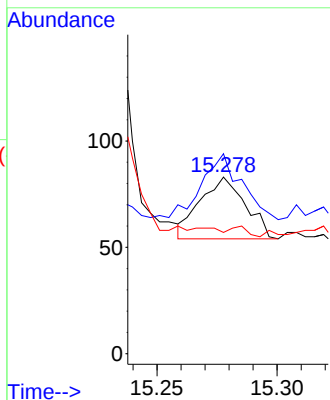
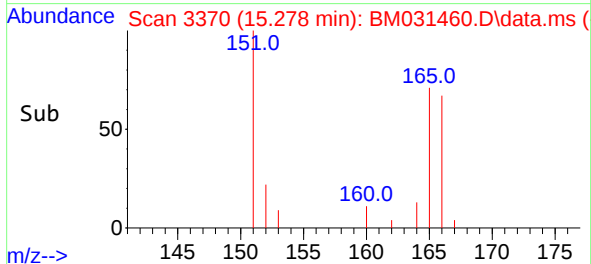
Instrument :
BNA_M
ClientSampled :
BGEPI



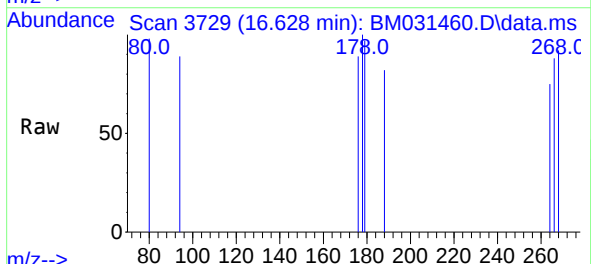
Tgt Ion:166 Resp: 38
Ion Ratio Lower Upper
166 100
165 113.3 78.0 117.0
167 68.7 12.0 18.0#

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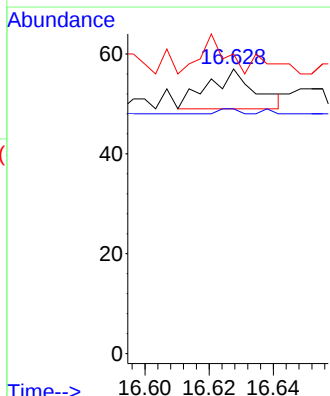
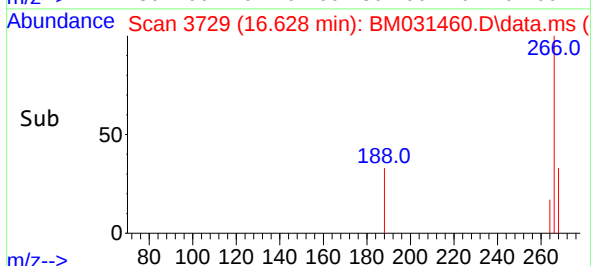
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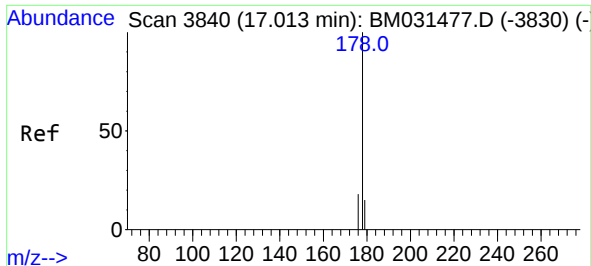


#14
Pentachlorophenol
Concen: 0.162 ng/ul
RT: 16.628 min Scan# 3729
Delta R.T. -0.003 min
Lab File: BM031460.D
Acq: 04 Aug 2021 22:52

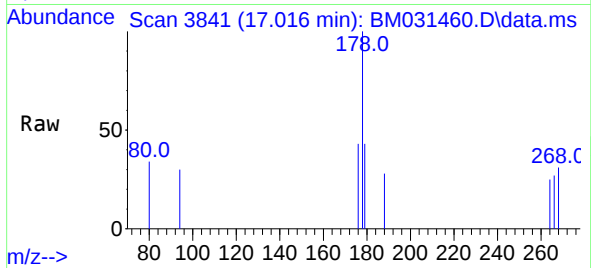


Tgt Ion:266 Resp: 8
Ion Ratio Lower Upper
266 100
264 12.5 50.1 75.1#
268 50.0 51.3 76.9#

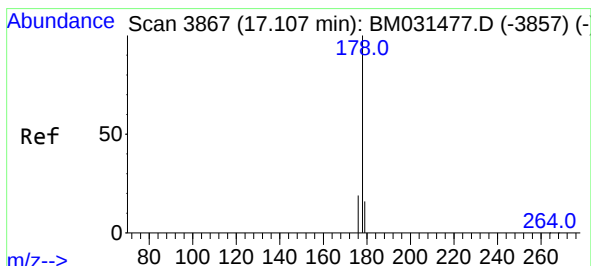
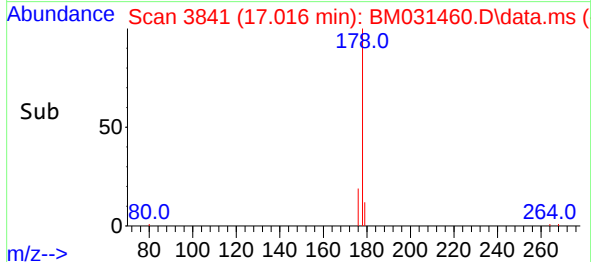
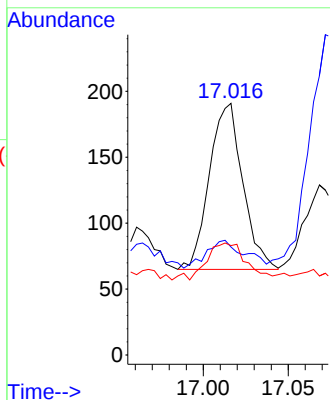




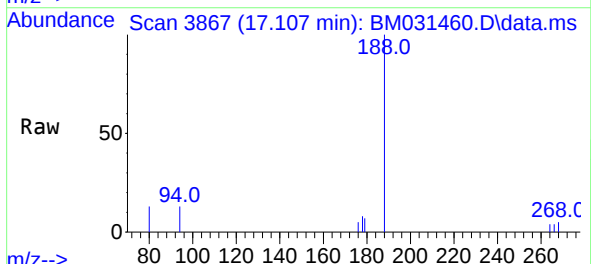
#15
Phenanthrene
Concen: 0.352 ng/u1
RT: 17.016 min Scan# 3841
Delta R.T. 0.000 min
Lab File: BM031460.D
Acq: 04 Aug 2021 22:52



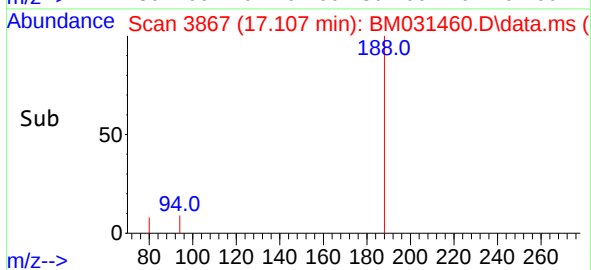
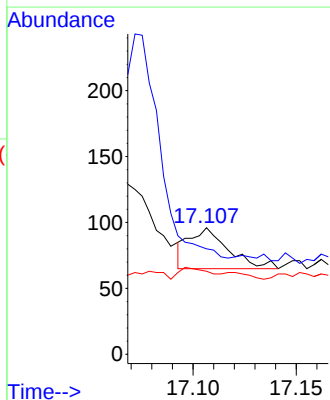
Tgt Ion	Ratio	Lower	Upper
178	100		
179	42.9	13.3	19.9#
176	43.5	16.2	24.4#



#16
Anthracene
Concen: 0.090 ng/u1
RT: 17.107 min Scan# 3867
Delta R.T. -0.003 min
Lab File: BM031460.D
Acq: 04 Aug 2021 22:52



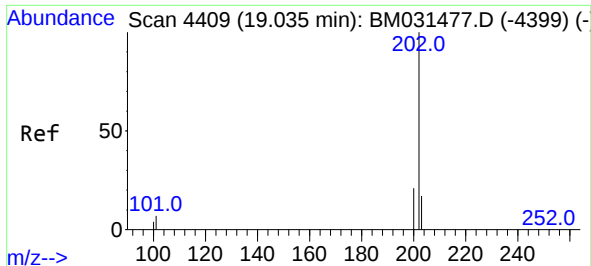
Tgt Ion	Ratio	Lower	Upper
178	100		
179	83.3	13.0	19.6#
176	65.6	15.6	23.4#



Instrument :
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ClientSampled :
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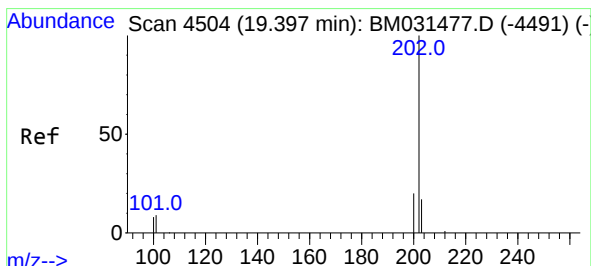
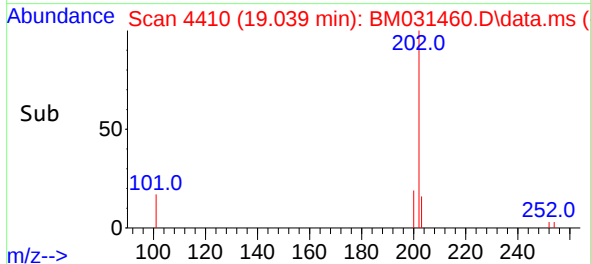
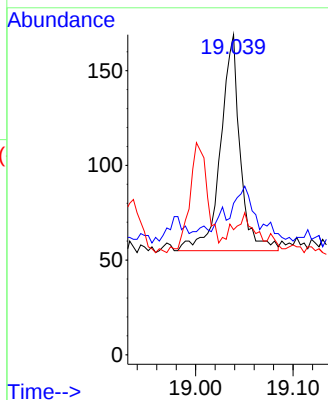
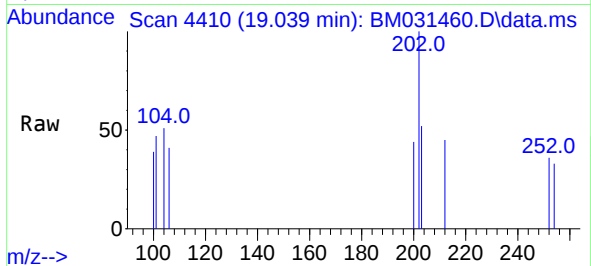
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Fluoranthene
Concen: 0.556 ng/ul
RT: 19.039 min Scan# 4410
Delta R.T. 0.000 min
Lab File: BM031460.D
Acq: 04 Aug 2021 22:52

Tgt Ion:	202	Resp:	159
Ion Ratio	Lower	Upper	
202	100		
101	47.3	6.6	10.0#
100	39.1	5.4	8.0#

Instrument :
BNA_M
ClientSampled :
BGEPI

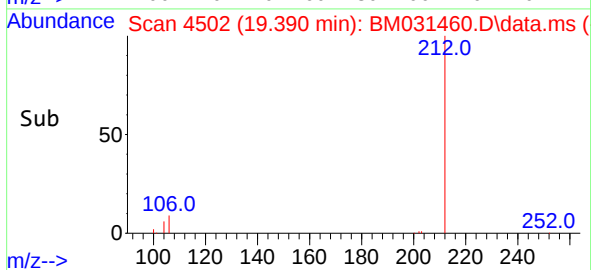
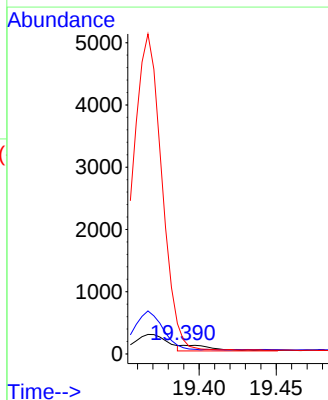
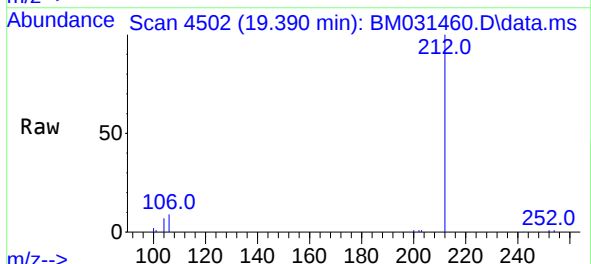
Manual Integrations
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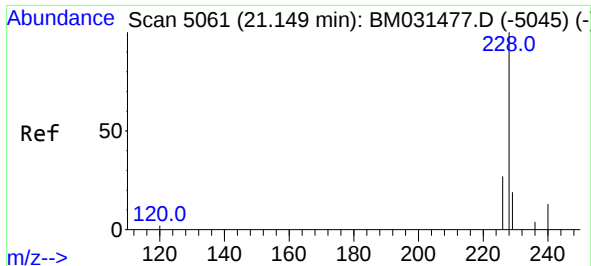
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#20
Pyrene
Concen: 0.507 ng/ul m
RT: 19.390 min Scan# 4502
Delta R.T. -0.011 min
Lab File: BM031460.D
Acq: 04 Aug 2021 22:52

Tgt Ion:	202	Resp:	147
Ion Ratio	Lower	Upper	
202	100		
101	71.4	7.8	11.6#
100	164.3	6.6	10.0#





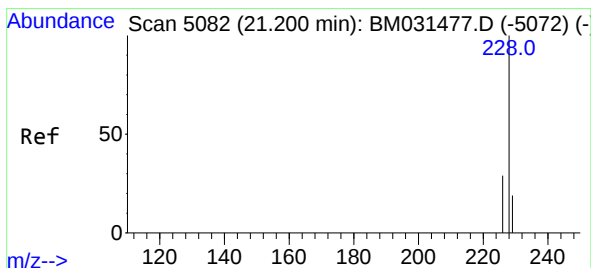
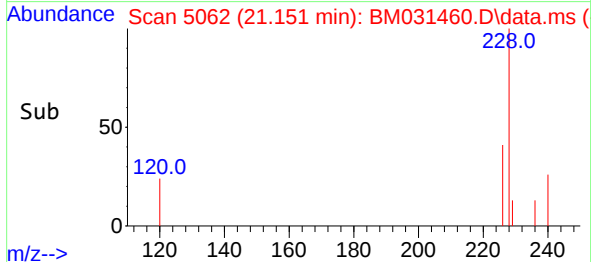
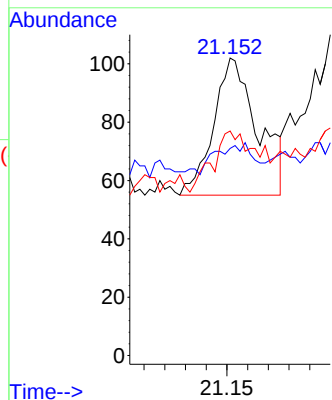
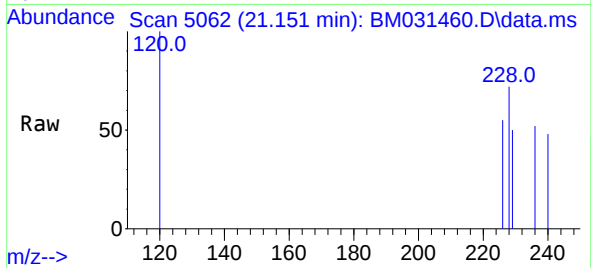
#21
Benzo(a)anthracene
Concen: 0.259 ng/ul
RT: 21.151 min Scan# 5062
Delta R.T. -0.002 min
Lab File: BM031460.D
Acq: 04 Aug 2021 22:52

Tgt Ion:	228	Resp:	70
Ion Ratio	Lower	Upper	
228	100		
229	69.6	15.6	23.4#
226	75.5	21.7	32.5#

Instrument :
BNA_M
ClientSampled :
BGEPI

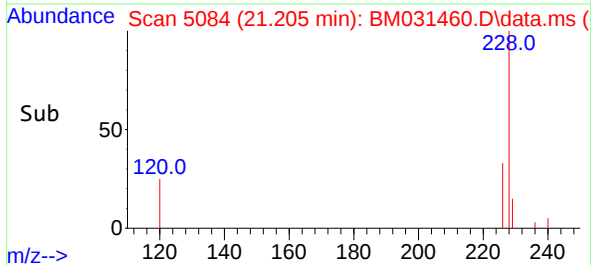
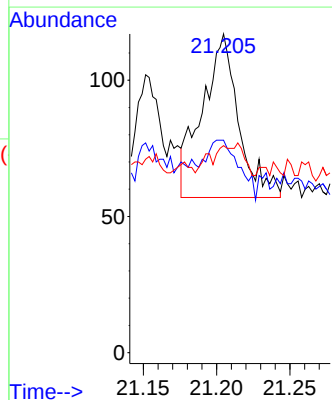
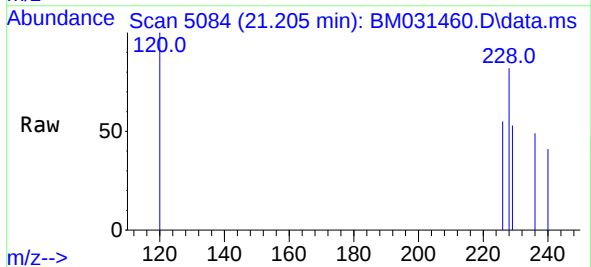
Manual Integrations
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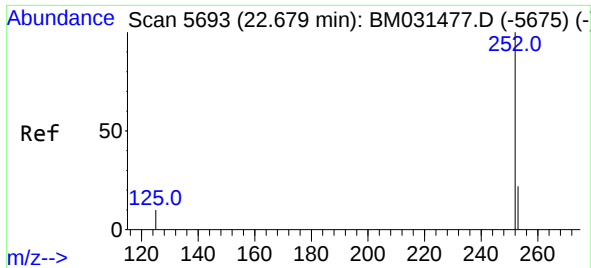
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#22
Chrysene
Concen: 0.372 ng/ul m
RT: 21.205 min Scan# 5084
Delta R.T. 0.000 min
Lab File: BM031460.D
Acq: 04 Aug 2021 22:52

Tgt Ion:	228	Resp:	104
Ion Ratio	Lower	Upper	
228	100		
226	66.7	24.7	37.1#
229	65.0	16.2	24.2#





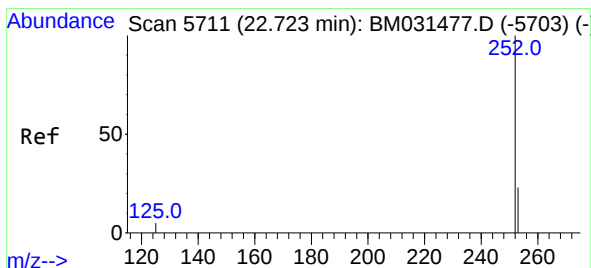
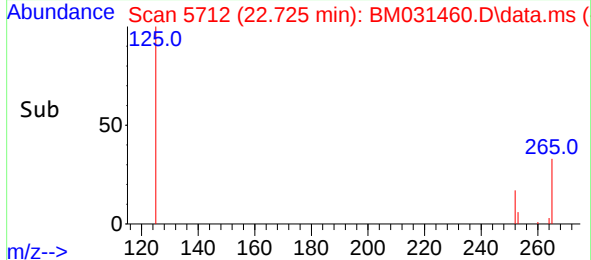
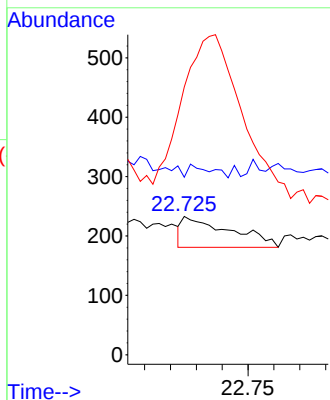
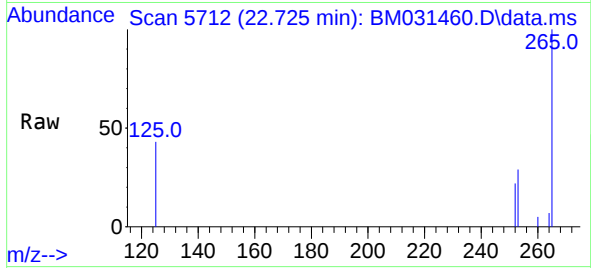
#24
Benzo(b)fluoranthene
Concen: 1.831 ng/ul
RT: 22.725 min Scan# 5712
Delta R.T. 0.039 min
Lab File: BM031460.D
Acq: 04 Aug 2021 22:52

Tgt Ion:252	Resp:	66
Ion Ratio	Lower	Upper
252	100	
253	128.3	0.0 53.0#
125	193.6	0.0 22.8#

Instrument :
BNA_M
ClientSampleId :
BGEPI

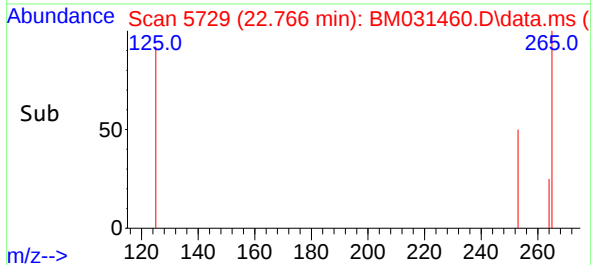
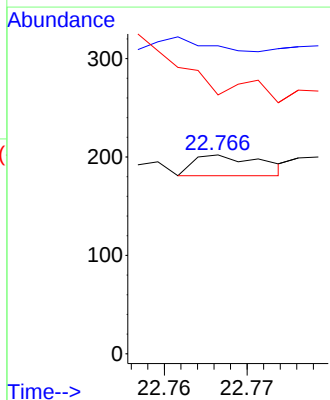
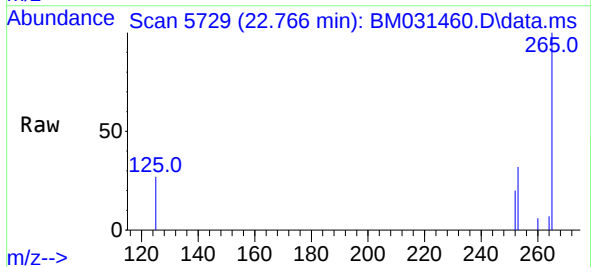
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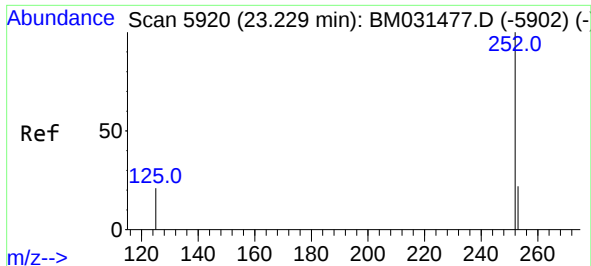
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#25
Benzo(k)fluoranthene
Concen: 0.322 ng/ul
RT: 22.766 min Scan# 5729
Delta R.T. 0.039 min
Lab File: BM031460.D
Acq: 04 Aug 2021 22:52

Tgt Ion:252	Resp:	12
Ion Ratio	Lower	Upper
252	100	
253	155.0	21.3 31.9#
125	130.2	8.8 13.2#





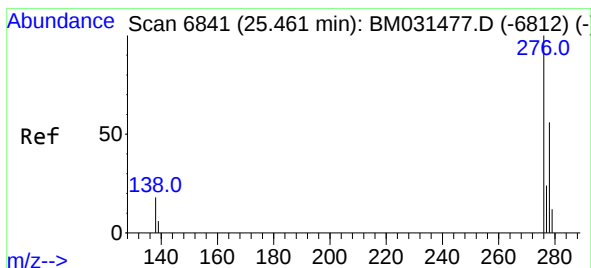
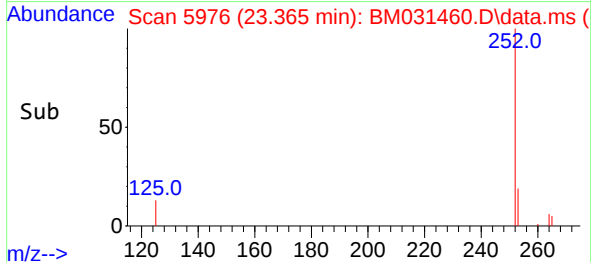
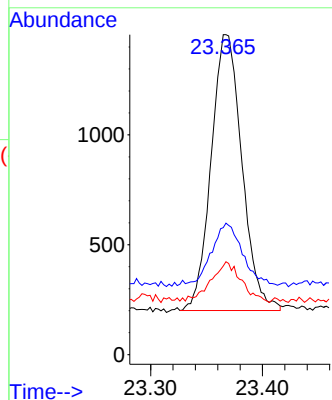
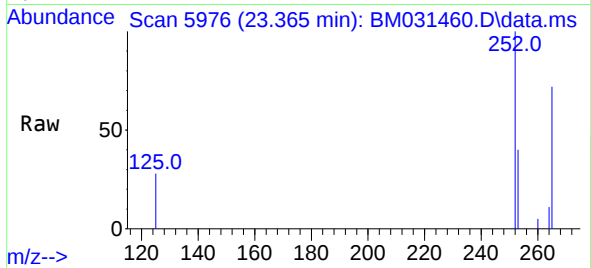
#26
Benzo(a)pyrene
Concen: 76.189 ng/ul
RT: 23.365 min Scan# 5976
Delta R.T. 0.131 min
Lab File: BM031460.D
Acq: 04 Aug 2021 22:52

Tgt Ion:	252	Resp:	2405
Ion Ratio	Lower	Upper	
252	100		
253	39.7	22.4	33.6#
125	27.7	13.0	19.4#

Instrument :
BNA_M
ClientSampleId :
BGEP1

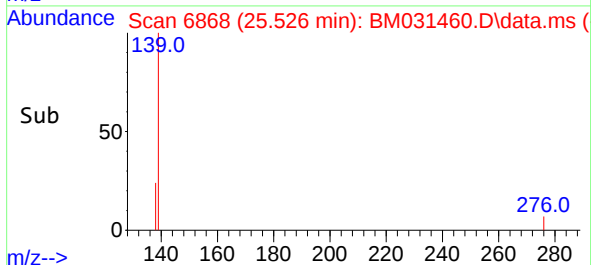
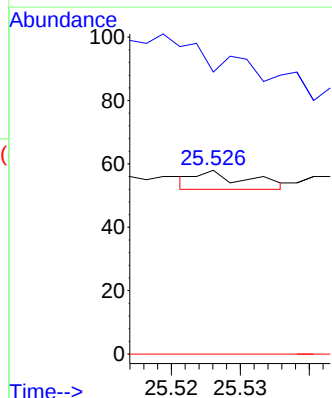
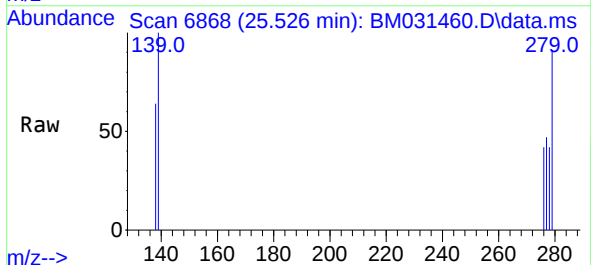
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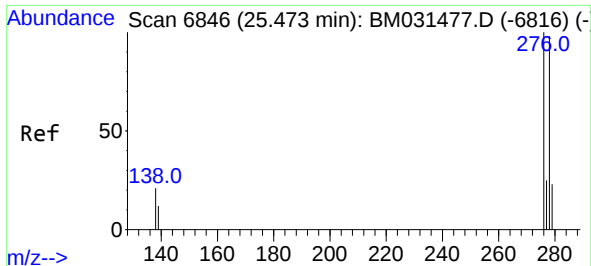
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.074 ng/ul
RT: 25.526 min Scan# 6868
Delta R.T. 0.061 min
Lab File: BM031460.D
Acq: 04 Aug 2021 22:52

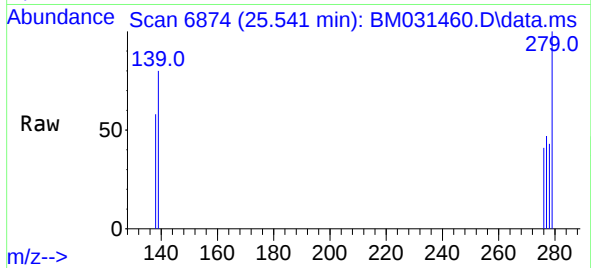
Tgt Ion:	276	Resp:	3
Ion Ratio	Lower	Upper	
276	100		
138	0.0	15.8	23.8#
227	0.0	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.030 ng/ul
RT: 25.541 min Scan# 6874
Delta R.T. 0.056 min
Lab File: BM031460.D
Acq: 04 Aug 2021 22:52

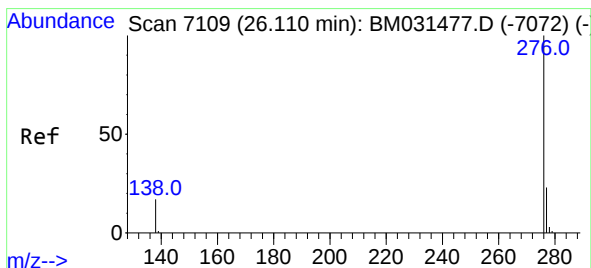
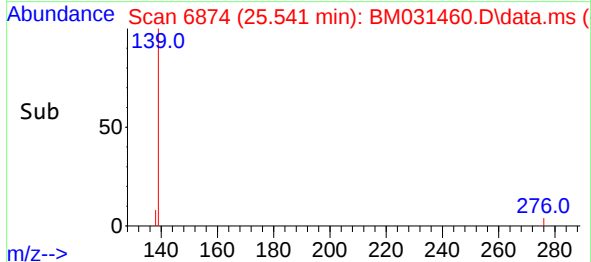
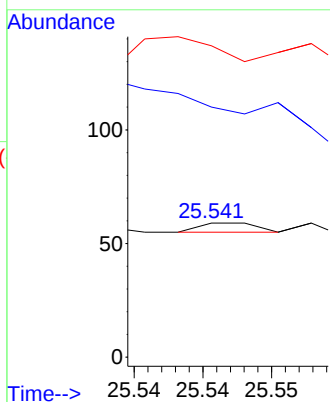
Instrument :
BNA_M
ClientSampled :
BGEPI



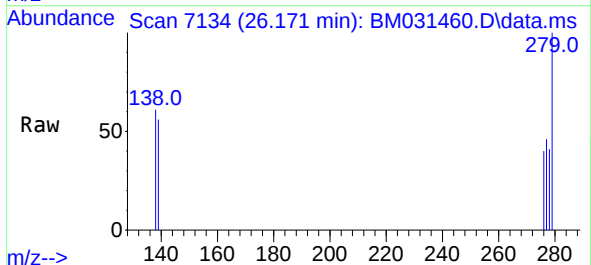
Tgt Ion:278 Resp: 1
Ion Ratio Lower Upper
278 100
139 186.4 13.3 19.9#
279 232.2 22.8 34.2#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.057 ng/ul
RT: 26.171 min Scan# 7134
Delta R.T. 0.051 min
Lab File: BM031460.D
Acq: 04 Aug 2021 22:52



Tgt Ion:276 Resp: 2
Ion Ratio Lower Upper
276 100
138 151.8 15.4 23.2#
277 114.3 19.9 29.9#

