

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
 Data File : BM031168.D
 Acq On : 26 Jul 2021 18:19
 Operator : CG/JU
 Sample : M2973-04DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEB2DL

Manual Integrations
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Quant Time: Jul 26 18:49:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 26 17:09:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	929	0.400	ng/ul	0.00
4) Naphthalene-d8	10.397	136	3693	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	2632	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	5747	0.400	ng/ul	0.00
17) Chrysene-d12	21.193	240	5430	0.400	ng/ul	0.00
23) Perylene-d12	23.363	264	4471	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	1186	1.215	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	491	0.076	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	1385	0.084	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.446	128	709	0.064	ng/ul#	82
10) Acenaphthylene	13.981	152	429	0.040	ng/ul#	76
11) Acenaphthene	14.322	153	6372	0.670	ng/ul	100
12) Fluorene	15.312	166	776	0.069	ng/ul#	96
15) Phenanthrene	17.048	178	5707	0.313	ng/ul	99
16) Anthracene	17.138	178	3602	0.211	ng/ul	99
19) Fluoranthene	19.066	202	21968	1.005	ng/ul	99
20) Pyrene	19.428	202	10065	0.451	ng/ul	98
21) Benzo(a)anthracene	21.178	228	13344	0.615	ng/ul	95
22) Chrysene	21.229	228	10740	0.458	ng/ul	97
24) Benzo(b)fluoranthene	22.718	252	11901m	0.566	ng/ul	
25) Benzo(k)fluoranthene	22.754	252	5592m	0.262	ng/ul	
26) Benzo(a)pyrene	23.271	252	2581	0.142	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.517	276	2016	0.085	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.529	278	1223	0.064	ng/ul#	64

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

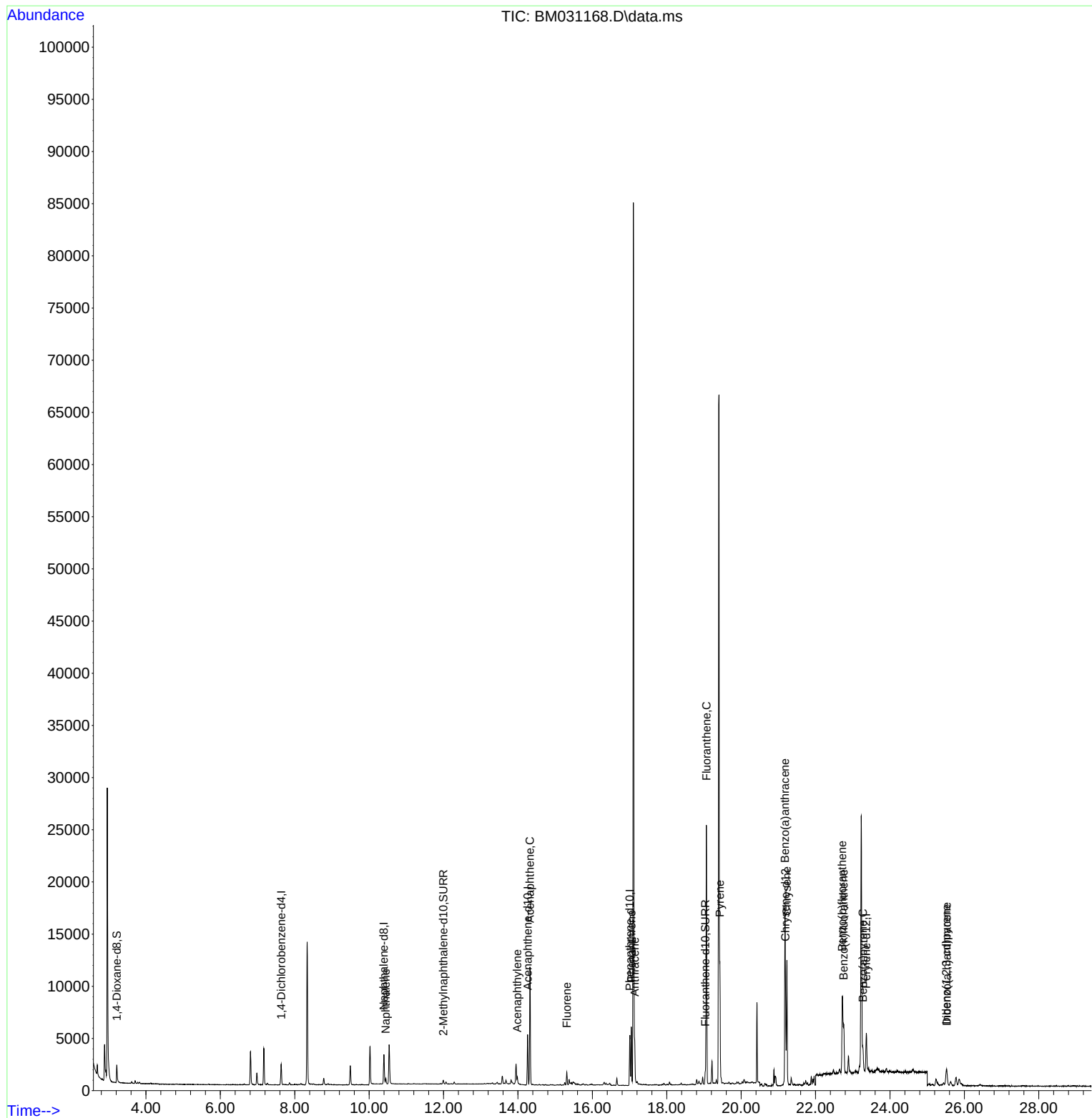
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
Data File : BM031168.D
Acq On : 26 Jul 2021 18:19
Operator : CG/JU
Sample : M2973-04DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

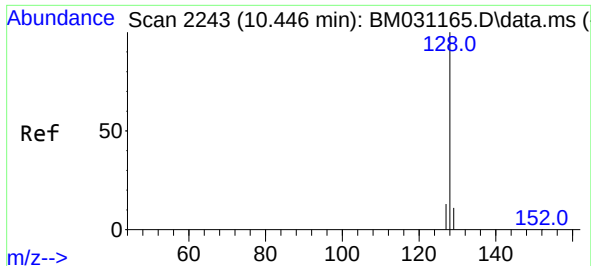
Instrument :
BNA_M
ClientSampleId :
BGBE2DL

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Quant Time: Jul 26 18:49:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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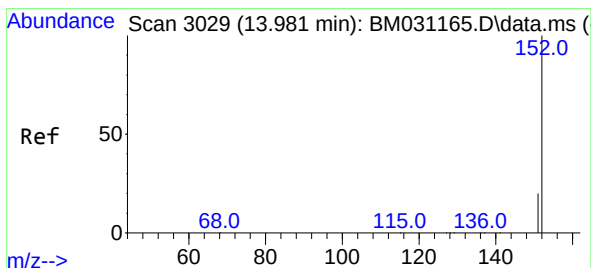
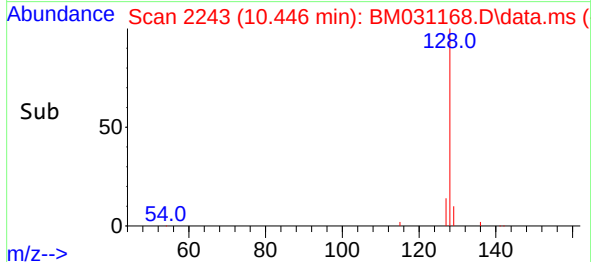
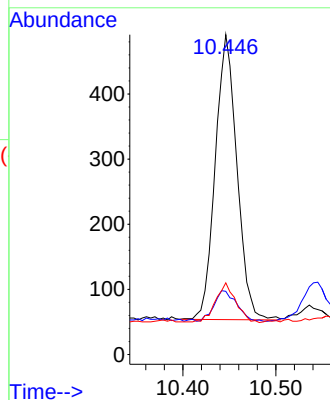
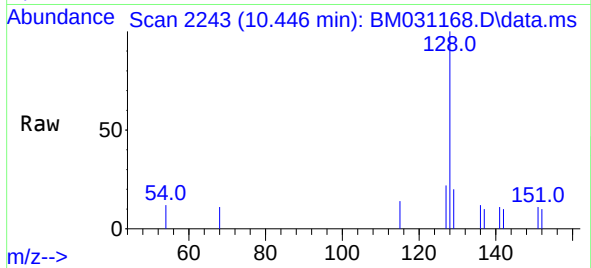
#5
Naphthalene
Concen: 0.064 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. 0.000 min
Lab File: BM031168.D
Acq: 26 Jul 2021 18:19

Tgt Ion:128 Resp: 709
Ion Ratio Lower Upper
128 100
129 19.8 10.2 15.4#
127 22.4 11.8 17.8#

Instrument :
BNA_M
ClientSampled :
BGE2DL

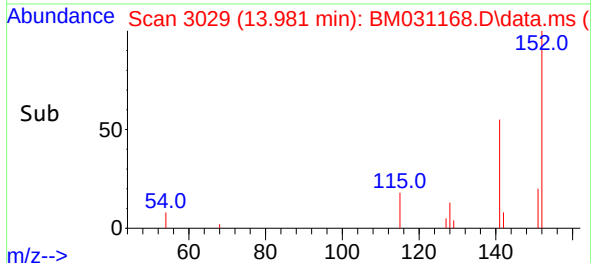
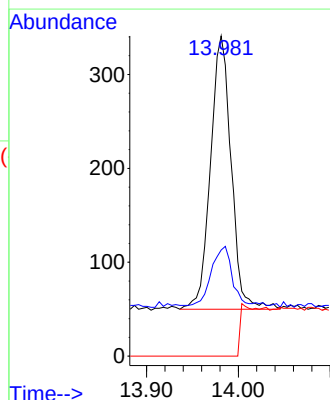
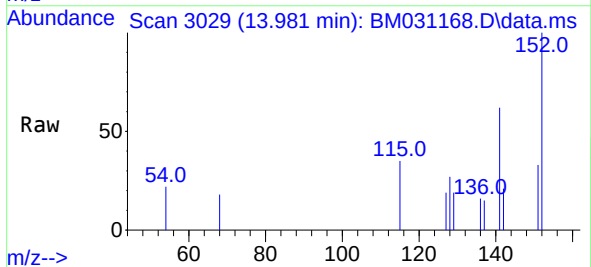
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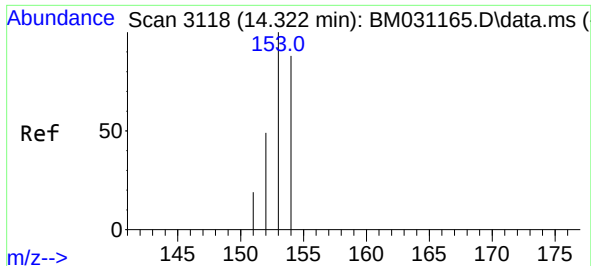
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#10
Acenaphthylene
Concen: 0.040 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. 0.000 min
Lab File: BM031168.D
Acq: 26 Jul 2021 18:19

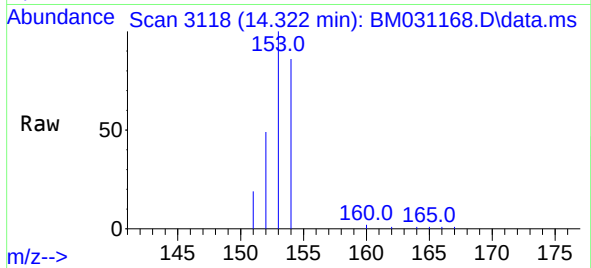
Tgt Ion:152 Resp: 429
Ion Ratio Lower Upper
152 100
151 33.1 17.5 26.3#
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.670 ng/u1
RT: 14.322 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BM031168.D
Acq: 26 Jul 2021 18:19

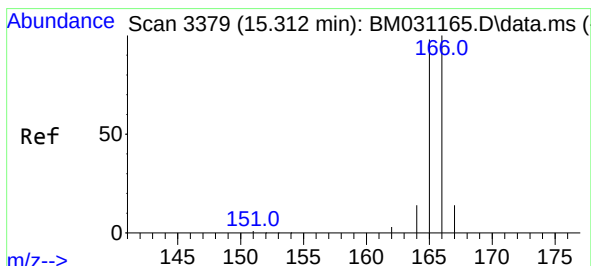
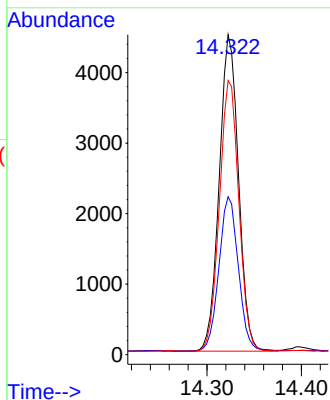
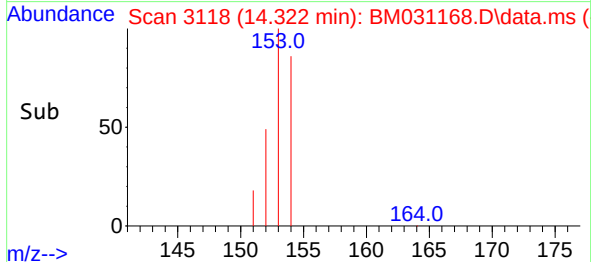
Instrument :
BNA_M
ClientSampleId :
BGEB2DL



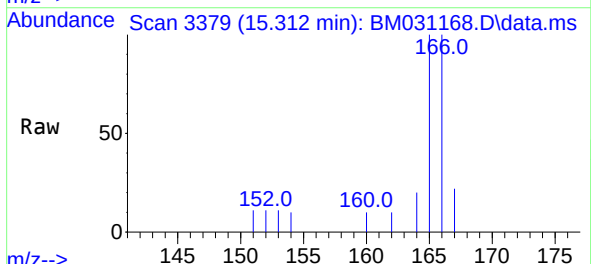
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Ion Ratio Lower Upper
153 100
152 49.4 39.4 59.2
154 85.7 68.2 102.4

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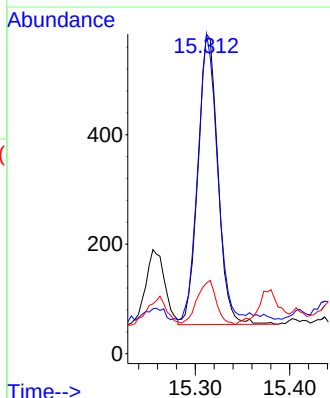
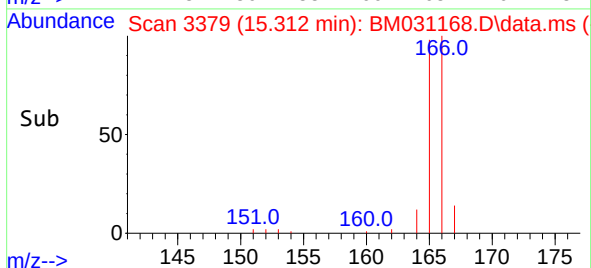
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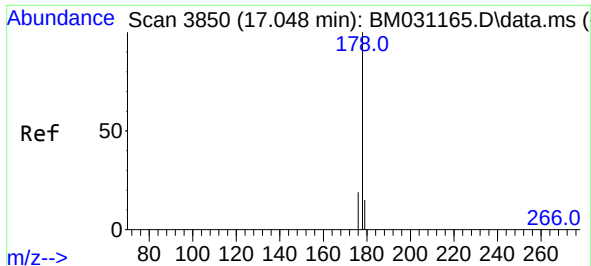


#12
Fluorene
Concen: 0.069 ng/u1
RT: 15.312 min Scan# 3379
Delta R.T. 0.000 min
Lab File: BM031168.D
Acq: 26 Jul 2021 18:19



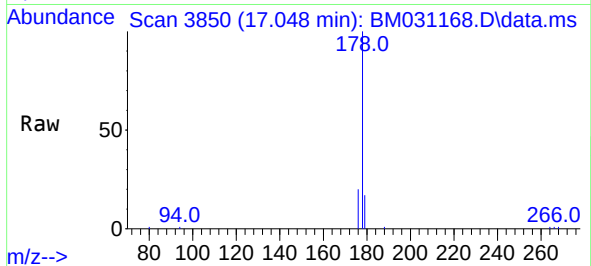
Tgt Ion:166 Resp: 776
Ion Ratio Lower Upper
166 100
165 100.2 78.2 117.2
167 22.1 12.3 18.5#





#15
Phenanthrene
Concen: 0.313 ng/ul
RT: 17.048 min Scan# 3850
Delta R.T. 0.000 min
Lab File: BM031168.D
Acq: 26 Jul 2021 18:19

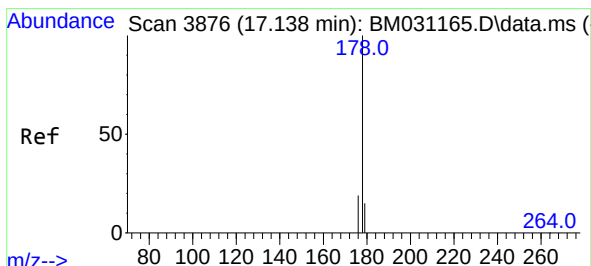
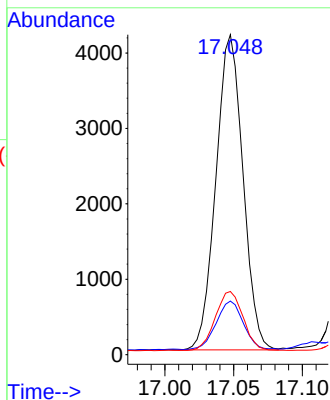
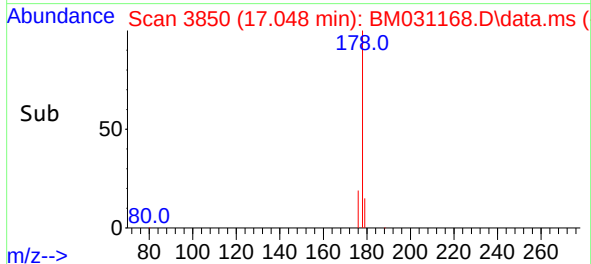
Instrument :
BNA_M
ClientSampled :
BGE2DL



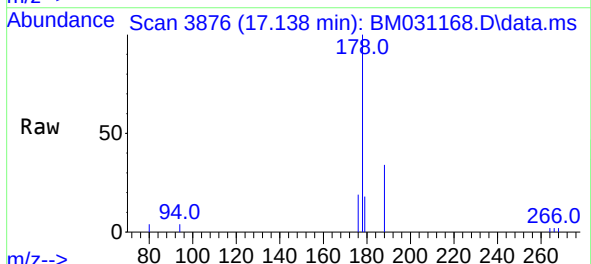
Tgt Ion:178 Resp: 5707
Ion Ratio Lower Upper
178 100
179 16.8 13.3 19.9
176 19.8 15.4 23.2

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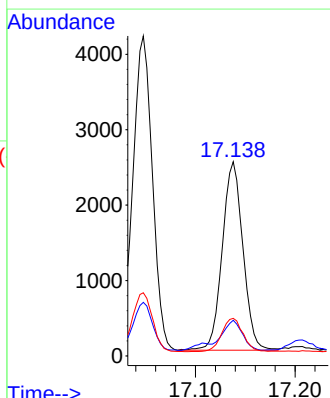
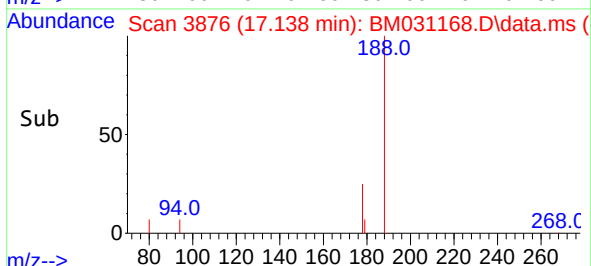
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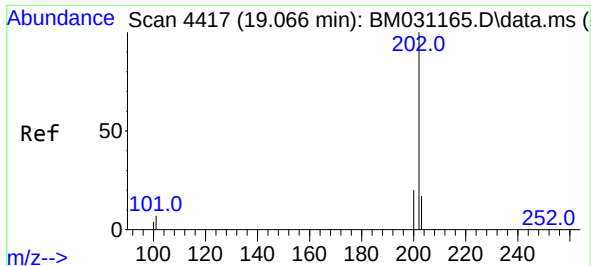


#16
Anthracene
Concen: 0.211 ng/ul
RT: 17.138 min Scan# 3876
Delta R.T. 0.000 min
Lab File: BM031168.D
Acq: 26 Jul 2021 18:19



Tgt Ion:178 Resp: 3602
Ion Ratio Lower Upper
178 100
179 18.4 13.8 20.8
176 19.4 15.7 23.5





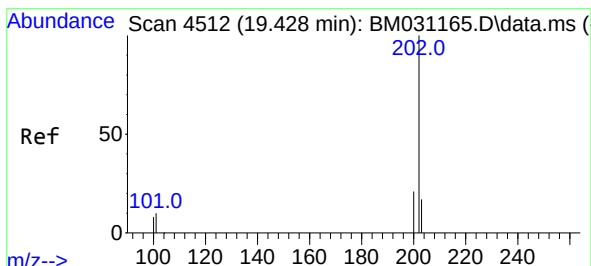
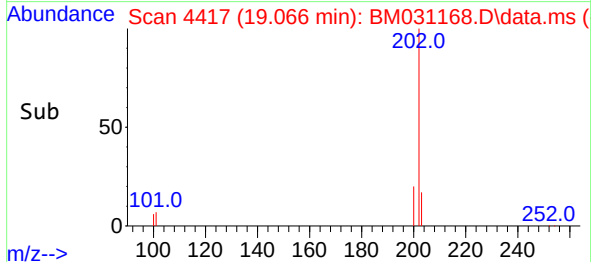
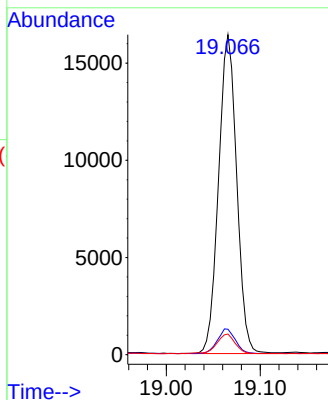
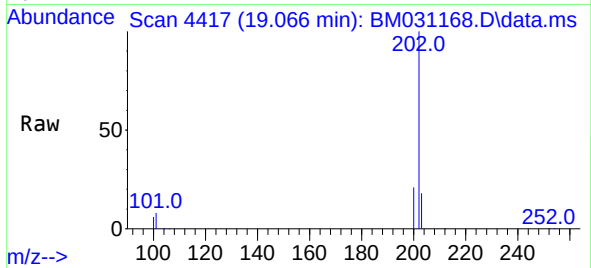
#19
Fluoranthene
Concen: 1.005 ng/u1
RT: 19.066 min Scan# 4417
Delta R.T. 0.000 min
Lab File: BM031168.D
Acq: 26 Jul 2021 18:19

Tgt Ion:	202	Resp:	21968
Ion Ratio	Lower	Upper	
202	100		
101	8.0	6.0	9.0
100	6.4	4.8	7.2

Instrument :
BNA_M
ClientSampleId :
BGE2DL

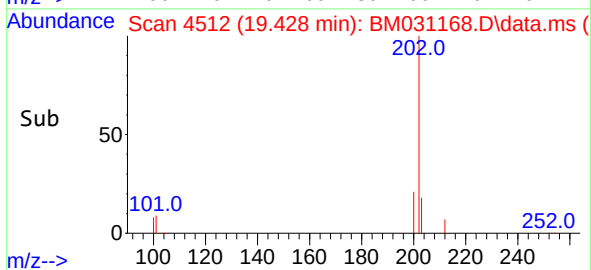
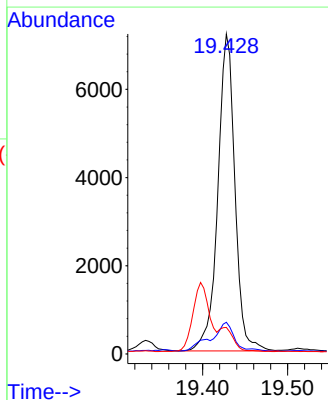
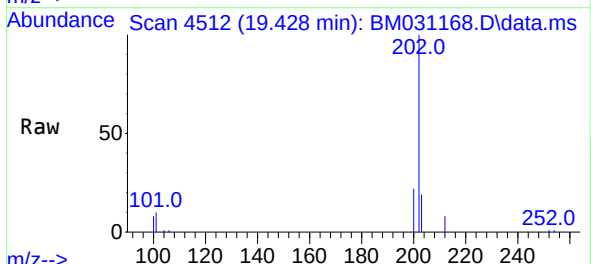
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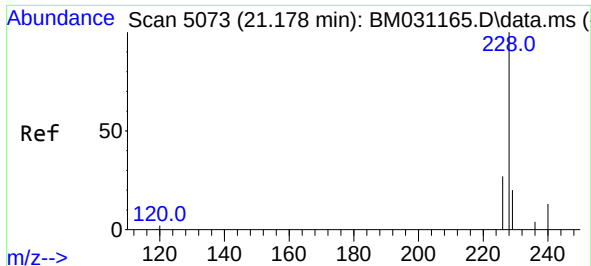
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#20
Pyrene
Concen: 0.451 ng/u1
RT: 19.428 min Scan# 4512
Delta R.T. 0.000 min
Lab File: BM031168.D
Acq: 26 Jul 2021 18:19

Tgt Ion:	202	Resp:	10065
Ion Ratio	Lower	Upper	
202	100		
101	9.9	7.4	11.0
100	8.3	6.0	9.0





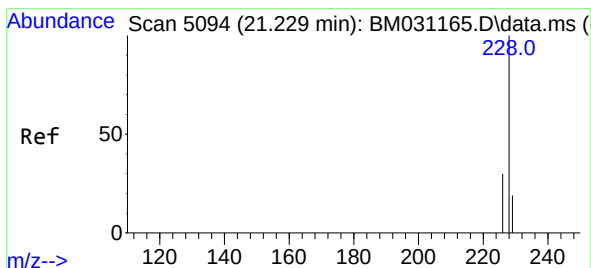
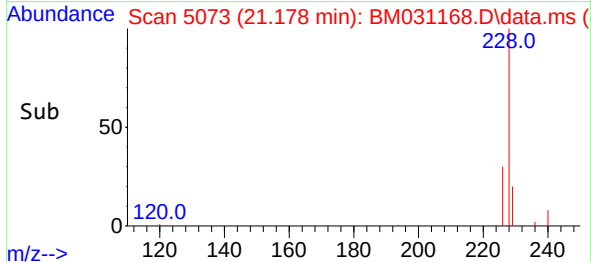
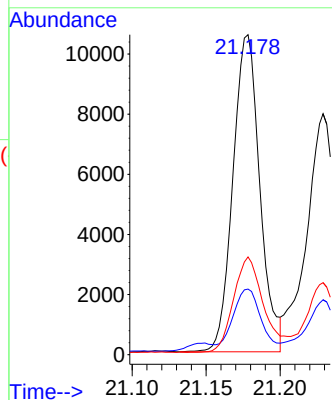
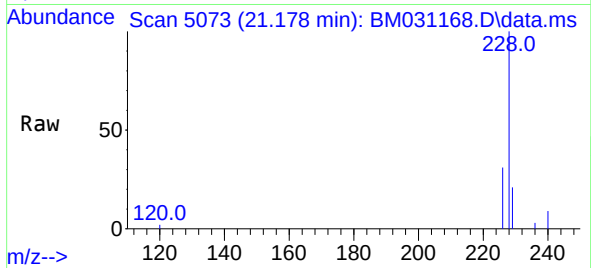
#21
Benzo(a)anthracene
Concen: 0.615 ng/u1
RT: 21.178 min Scan# 5073
Delta R.T. 0.000 min
Lab File: BM031168.D
Acq: 26 Jul 2021 18:19

Tgt Ion:228 Resp: 13344
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 30.5 21.4 32.2

Instrument :
BNA_M
ClientSampled :
BGE2DL

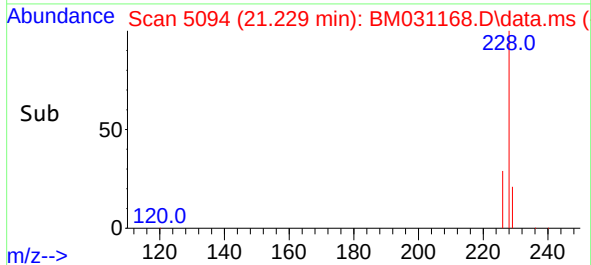
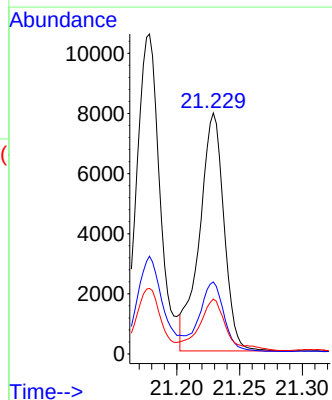
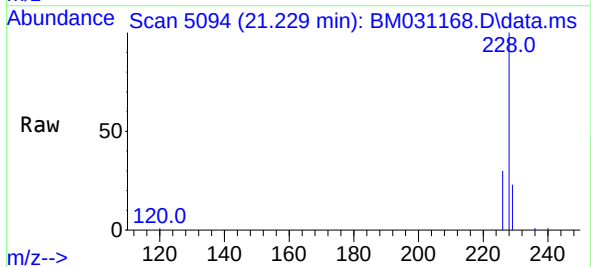
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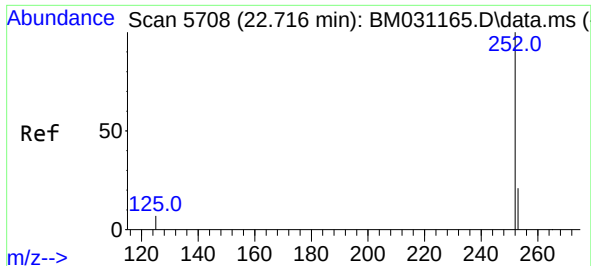
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#22
Chrysene
Concen: 0.458 ng/u1
RT: 21.229 min Scan# 5094
Delta R.T. 0.000 min
Lab File: BM031168.D
Acq: 26 Jul 2021 18:19

Tgt Ion:228 Resp: 10740
Ion Ratio Lower Upper
228 100
226 29.8 24.5 36.7
229 22.8 15.8 23.8





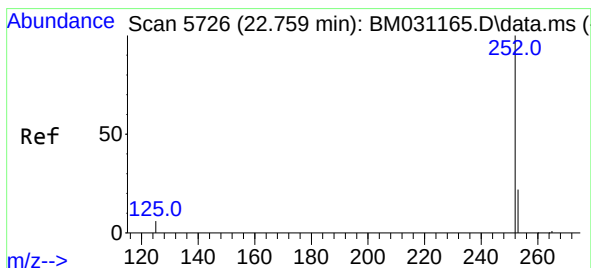
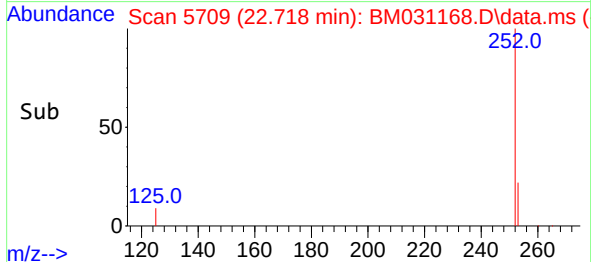
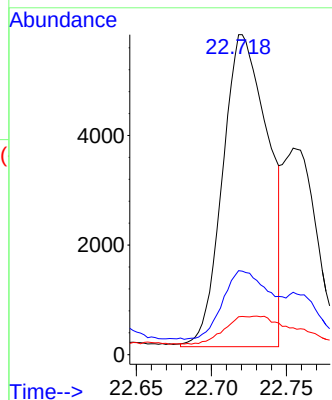
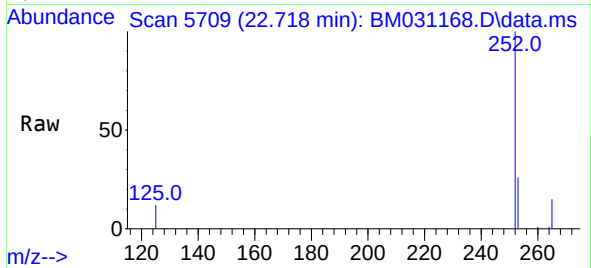
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Benzo(b)fluoranthene
Concen: 0.566 ng/ul m
RT: 22.718 min Scan# 5709
Delta R.T. 0.002 min
Lab File: BM031168.D
Acq: 26 Jul 2021 18:19

Tgt Ion:252	Resp:	11901
Ion Ratio	Lower	Upper
252	100	
253	26.2	0.0 52.8
125	11.8	0.0 20.2

Instrument :
BNA_M
ClientSampleID :
BGEB2DL

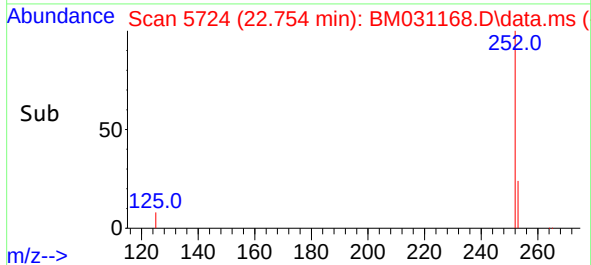
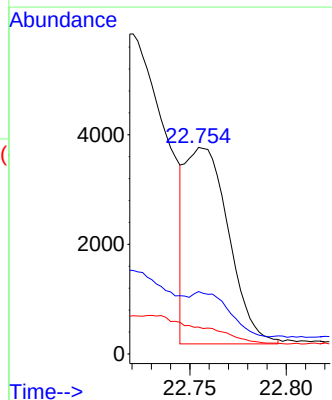
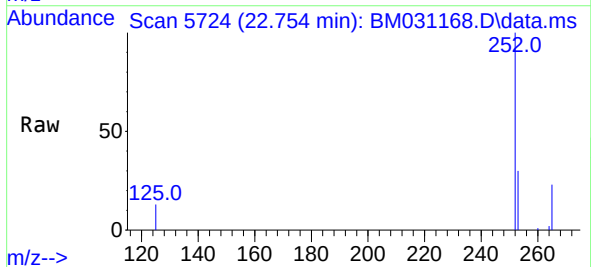
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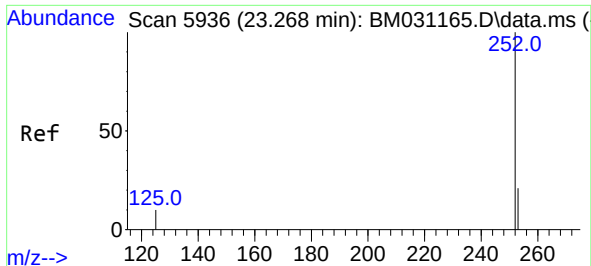
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#25
Benzo(k)fluoranthene
Concen: 0.262 ng/ul m
RT: 22.754 min Scan# 5724
Delta R.T. -0.005 min
Lab File: BM031168.D
Acq: 26 Jul 2021 18:19

Tgt Ion:252	Resp:	5592
Ion Ratio	Lower	Upper
252	100	
253	30.2	21.6 32.4
125	13.0	8.6 13.0#





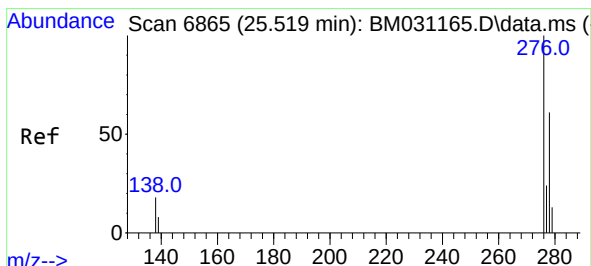
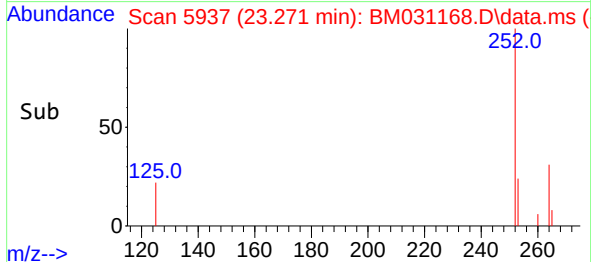
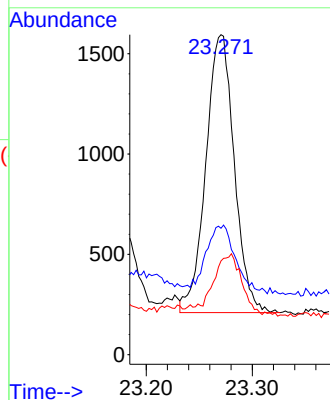
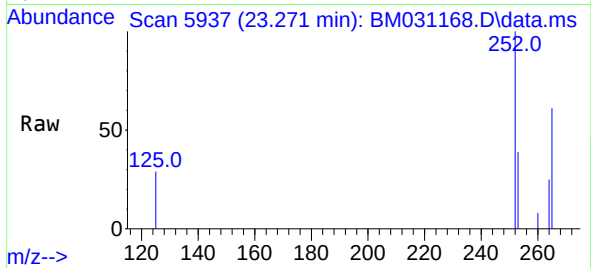
#26
Benzo(a)pyrene
Concen: 0.142 ng/ul
RT: 23.271 min Scan# 5937
Delta R.T. 0.002 min
Lab File: BM031168.D
Acq: 26 Jul 2021 18:19

Tgt Ion:	252	Resp:	2581
Ion Ratio	Lower	Upper	
252	100		
253	39.5	23.1	34.7#
125	29.3	10.7	16.1#

Instrument :
BNA_M
ClientSampled :
BGE2DL

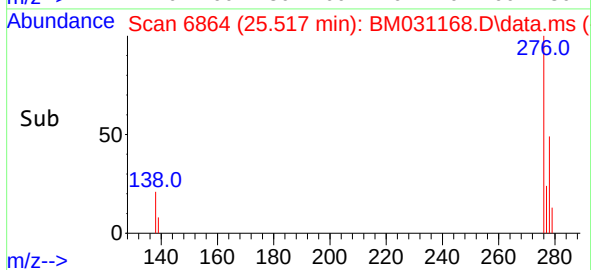
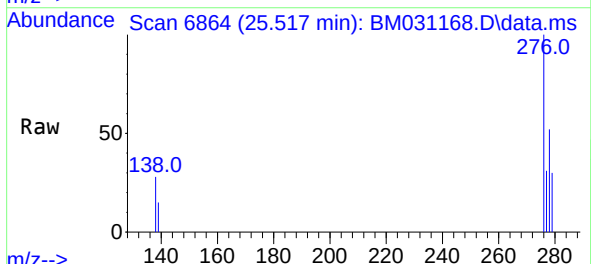
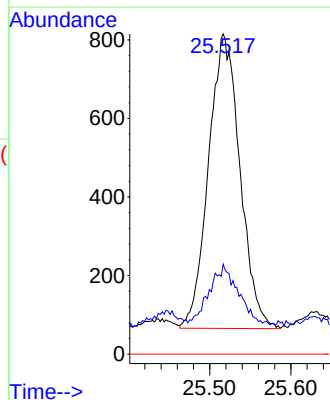
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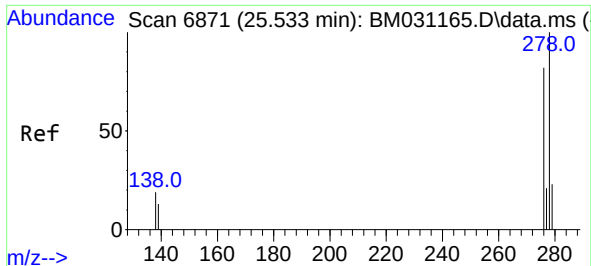
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.085 ng/ul
RT: 25.517 min Scan# 6864
Delta R.T. -0.002 min
Lab File: BM031168.D
Acq: 26 Jul 2021 18:19

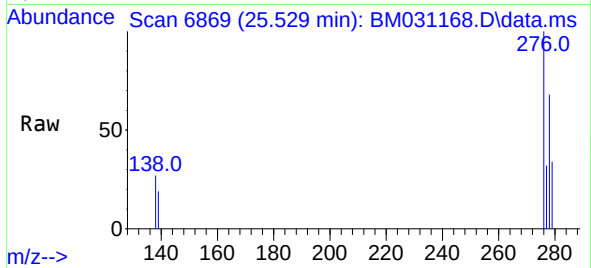
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Ion Ratio	Lower	Upper	
276	100		
138	19.1	15.4	23.0
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.064 ng/ul
 RT: 25.529 min Scan# 6869
 Delta R.T. -0.005 min
 Lab File: BM031168.D
 Acq: 26 Jul 2021 18:19

Instrument :
 BNA_M
 ClientSampleId :
 BGEB2DL



Tgt Ion: 278 Resp: 1223
 Ion Ratio Lower Upper
 278 100
 139 27.3 12.6 18.8#
 279 49.9 22.6 34.0#

Manual Integrations
 APPROVED

mohammad
 7/27/2021 12:09:12 PM

