

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
 Data File : BM031162.D
 Acq On : 26 Jul 2021 14:33
 Operator : CG/JU
 Sample : M2973-05RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEB3RE

Manual Integrations
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Quant Time: Jul 26 15:15:29 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 10:45:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	1375	0.400	ng/ul	0.00
4) Naphthalene-d8	10.396	136	5442	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.261	164	3854	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	8883	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.196	240	10843	0.400	ng/ul	# 0.00
23) Perylene-d12	23.366	264	10367	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	2461	1.704	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	995	0.104	ng/ul	0.00
18) Fluoranthene-d10	19.039	212	4172	0.126	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.445	128	15994	0.985	ng/ul	97
7) 2-Methylnaphthalene	12.064	142	2900	0.248	ng/ul	100
8) 1-Methylnaphthalene	12.285	142	1360	0.119	ng/ul	98
10) Acenaphthylene	13.980	152	23830	1.512	ng/ul	97
11) Acenaphthene	14.322	153	102440	7.352	ng/ul	98
12) Fluorene	15.311	166	104642	6.380	ng/ul	99
15) Phenanthrene	17.051	178	1082216	38.361	ng/ul	99
16) Anthracene	17.141	178	419641	15.878	ng/ul	97
19) Fluoranthene	19.069	202	1604142	36.750	ng/ul#	95
20) Pyrene	19.431	202	710558	15.945	ng/ul	97
21) Benzo(a)anthracene	21.182	228	841378	19.428	ng/ul	95
22) Chrysene	21.232	228	644132	13.743	ng/ul	98
24) Benzo(b)fluoranthene	22.726	252	707775m	14.521	ng/ul	
25) Benzo(k)fluoranthene	22.760	252	305359m	6.174	ng/ul	
26) Benzo(a)pyrene	23.274	252	160960	3.820	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.522	276	116389	2.108	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.530	278	70768	1.598	ng/ul	98
29) Benzo(g,h,i)perylene	26.176	276	1605	0.034	ng/ul#	50

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

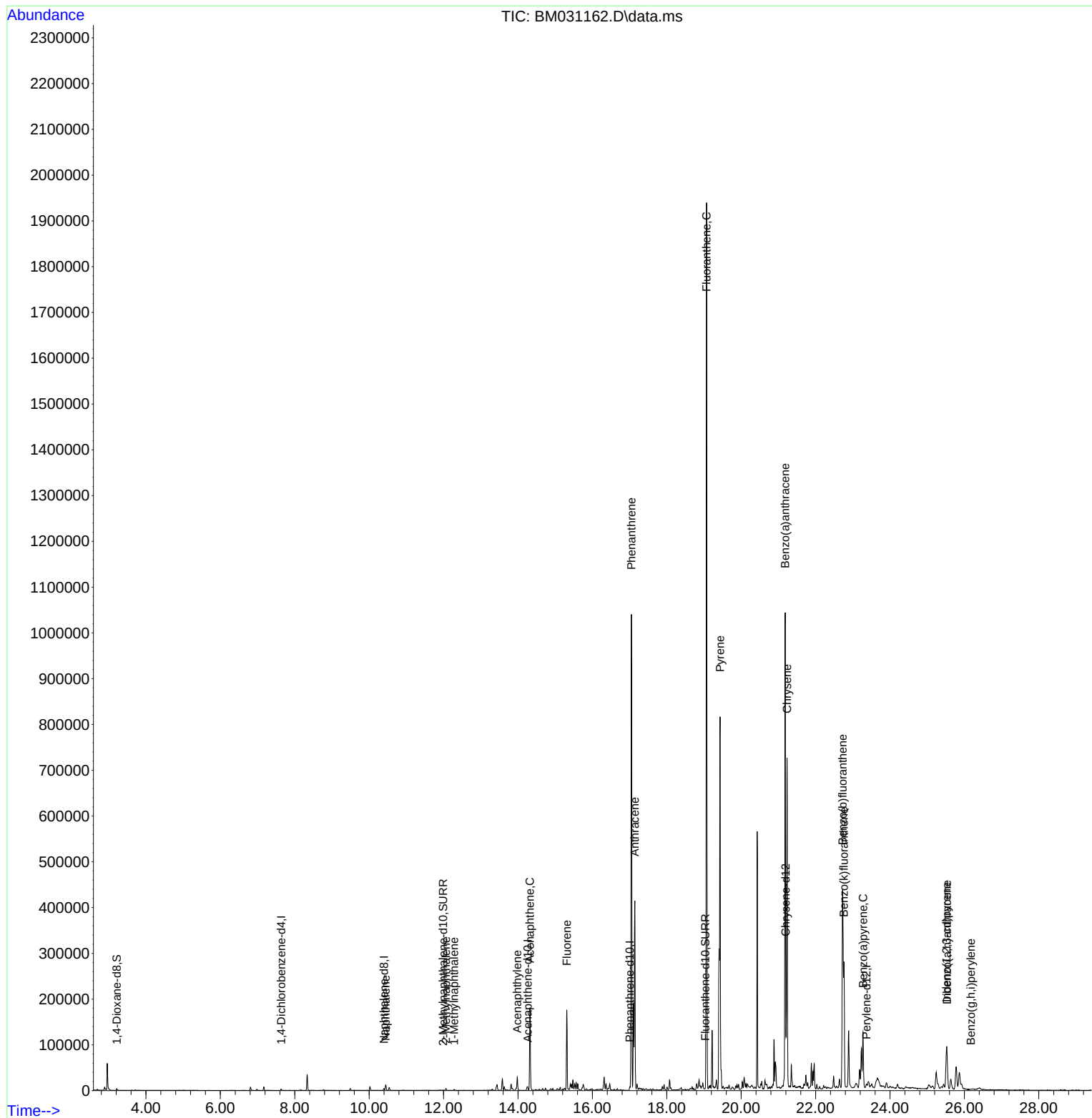
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
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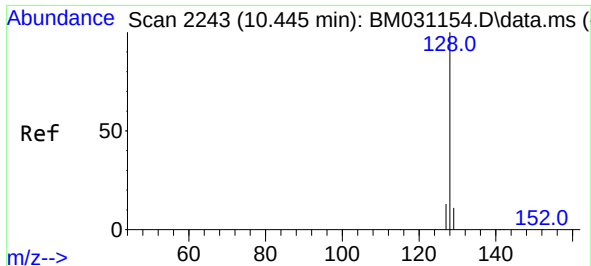
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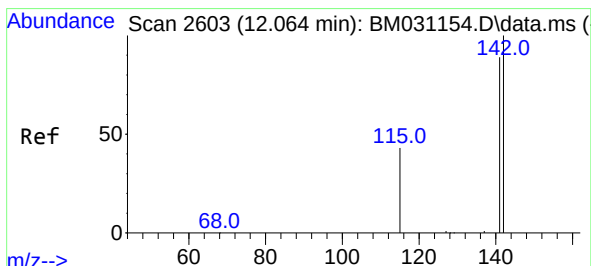
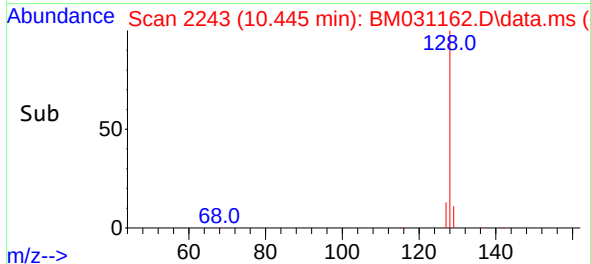
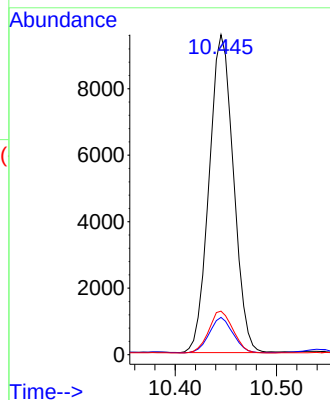
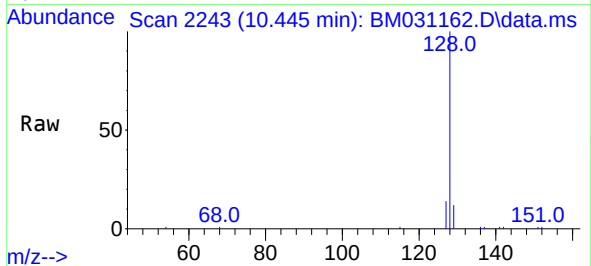
#5
Naphthalene
Concen: 0.985 ng/ul
RT: 10.445 min Scan# 2243
Delta R.T. 0.000 min
Lab File: BM031162.D
Acq: 26 Jul 2021 14:33

Tgt Ion:	128	Resp:	15994
Ion	Ratio	Lower	Upper
128	100		
129	11.6	10.2	15.4
127	13.6	11.8	17.8

Instrument :
BNA_M
ClientSampleId :
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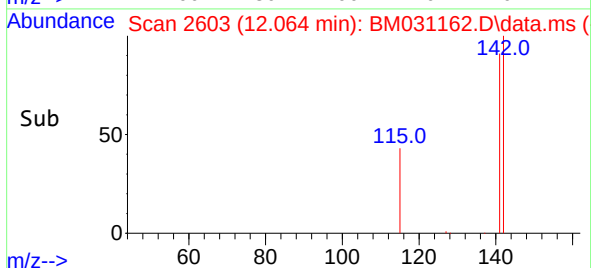
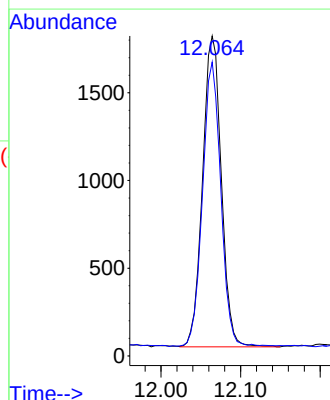
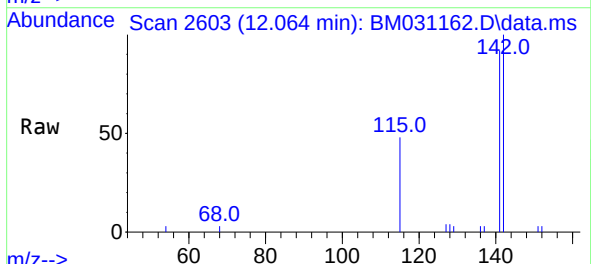
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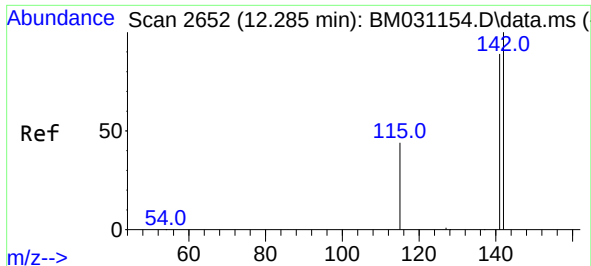
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#7
2-Methylnaphthalene
Concen: 0.248 ng/ul
RT: 12.064 min Scan# 2603
Delta R.T. 0.000 min
Lab File: BM031162.D
Acq: 26 Jul 2021 14:33

Tgt Ion:	142	Resp:	2900
Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.5	107.3





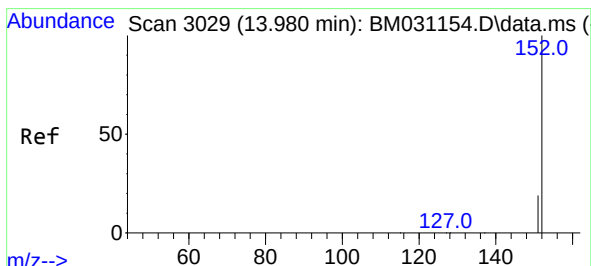
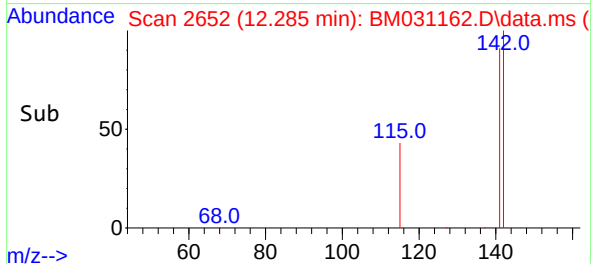
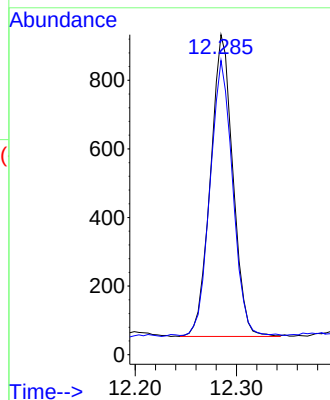
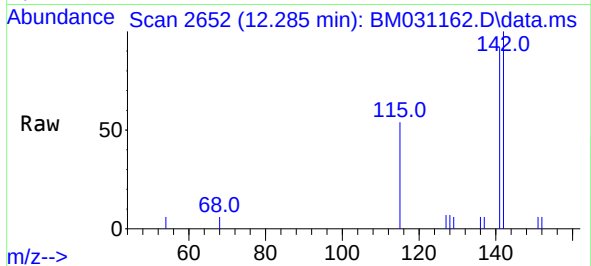
#8
1-Methylnaphthalene
Concen: 0.119 ng/ul
RT: 12.285 min Scan# 2652
Delta R.T. 0.000 min
Lab File: BM031162.D
Acq: 26 Jul 2021 14:33

Tgt Ion:142 Resp: 1360
Ion Ratio Lower Upper
142 100
141 91.3 74.2 111.4

Instrument :
BNA_M
ClientSampled :
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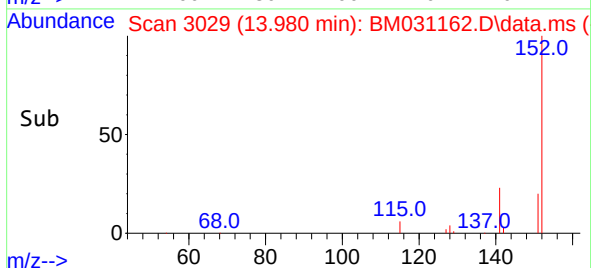
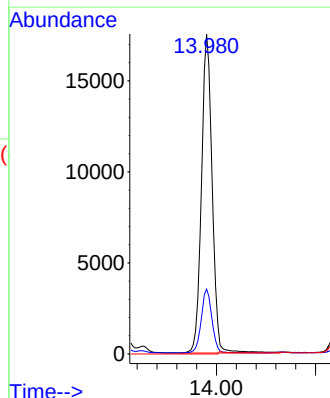
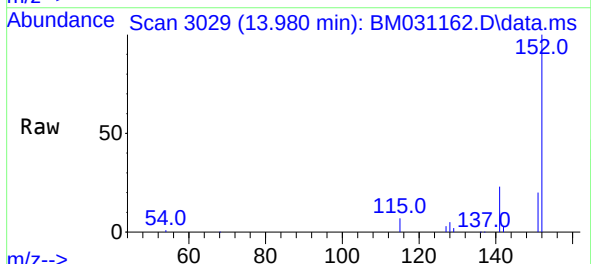
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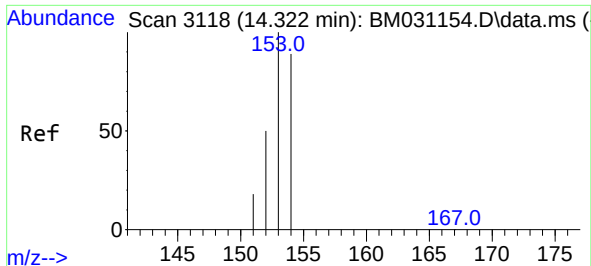
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#10
Acenaphthylene
Concen: 1.512 ng/ul
RT: 13.980 min Scan# 3029
Delta R.T. 0.000 min
Lab File: BM031162.D
Acq: 26 Jul 2021 14:33

Tgt Ion:152 Resp: 23830
Ion Ratio Lower Upper
152 100
151 20.3 17.5 26.3
153 0.0 0.0 0.0





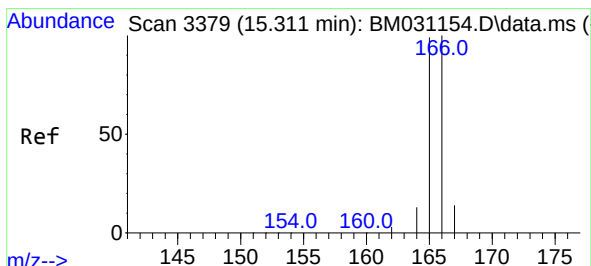
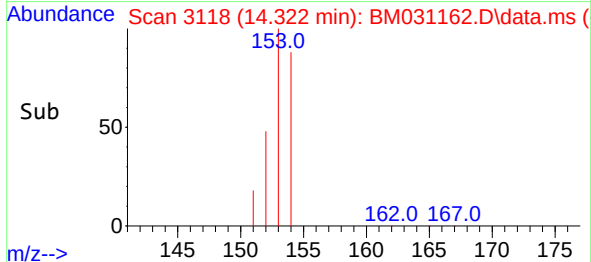
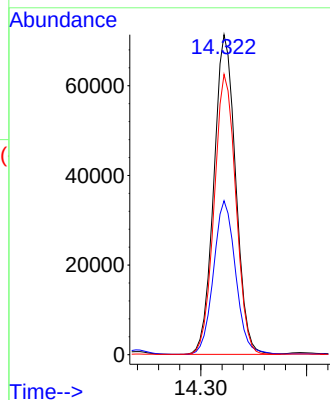
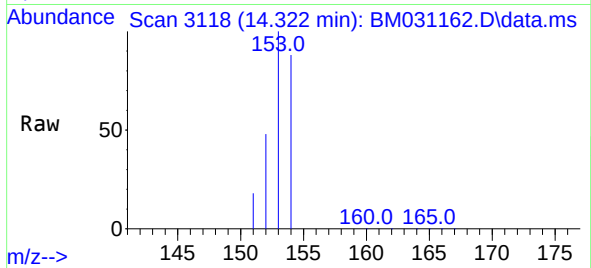
#11
Acenaphthene
Concen: 7.352 ng/ul
RT: 14.322 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BM031162.D
Acq: 26 Jul 2021 14:33

Tgt Ion:	153	Resp:	102440
Ion Ratio	Lower	Upper	
153	100		
152	48.1	39.4	59.2
154	87.6	68.2	102.4

Instrument :
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ClientSampleId :
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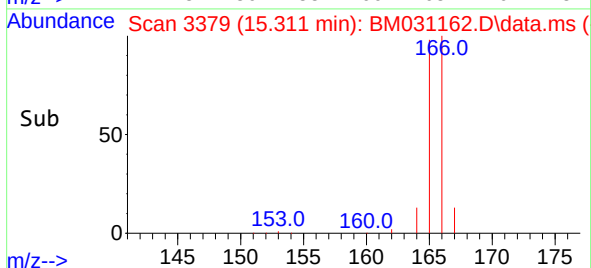
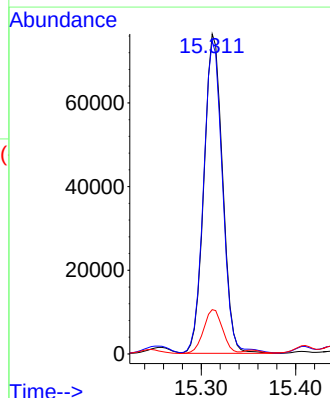
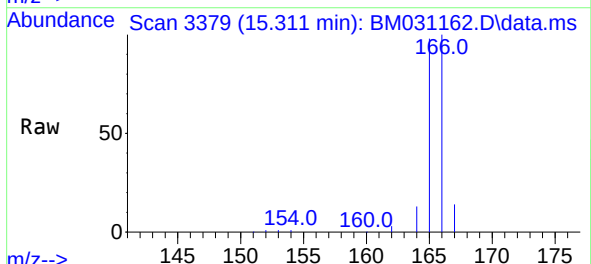
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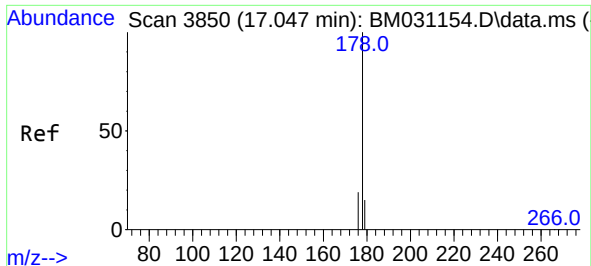
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#12
Fluorene
Concen: 6.380 ng/ul
RT: 15.311 min Scan# 3379
Delta R.T. 0.000 min
Lab File: BM031162.D
Acq: 26 Jul 2021 14:33

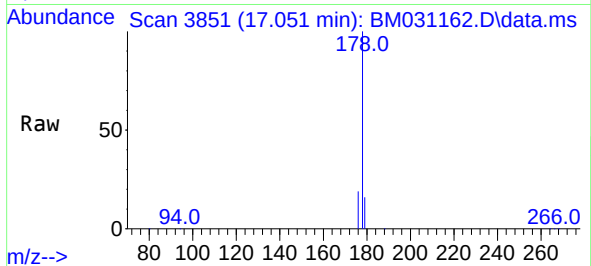
Tgt Ion:	166	Resp:	104642
Ion Ratio	Lower	Upper	
166	100		
165	97.9	78.2	117.2
167	13.9	12.3	18.5





#15
Phenanthrene
Concen: 38.361 ng/uI
RT: 17.051 min Scan# 3851
Delta R.T. 0.003 min
Lab File: BM031162.D
Acq: 26 Jul 2021 14:33

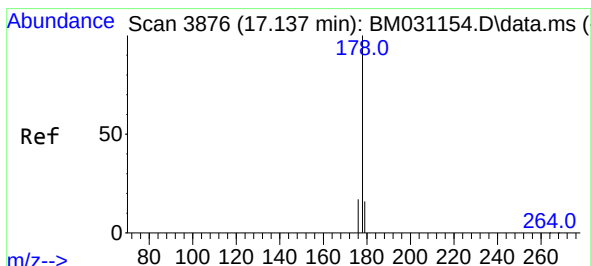
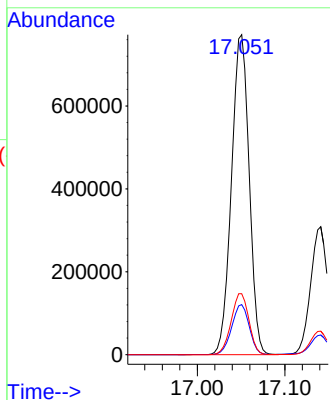
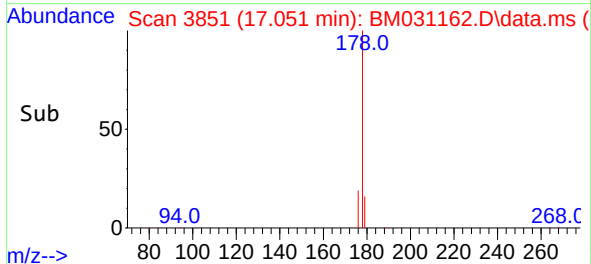
Instrument :
BNA_M
ClientSampled :
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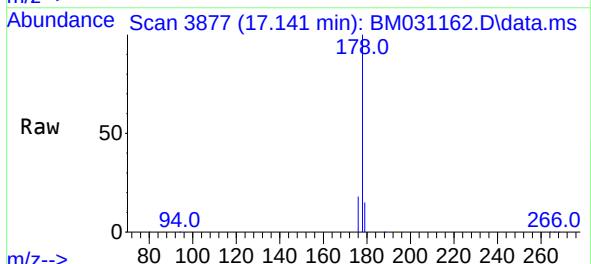
Tgt Ion:178 Resp: 1082216
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 19.1 15.4 23.2

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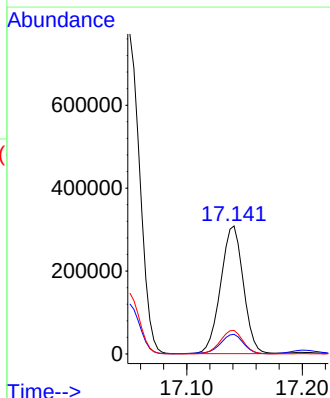
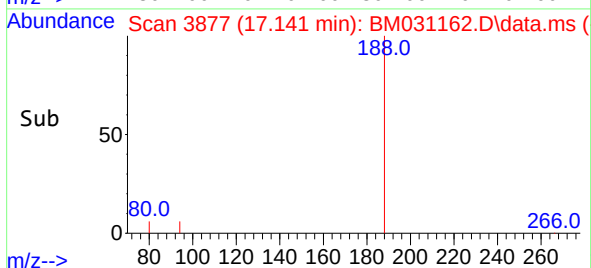
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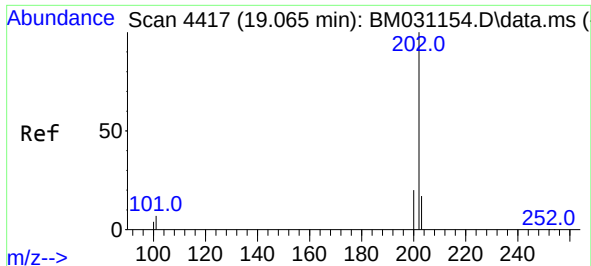


#16
Anthracene
Concen: 15.878 ng/uI
RT: 17.141 min Scan# 3877
Delta R.T. 0.003 min
Lab File: BM031162.D
Acq: 26 Jul 2021 14:33



Tgt Ion:178 Resp: 419641
Ion Ratio Lower Upper
178 100
179 15.4 13.8 20.8
176 18.3 15.7 23.5





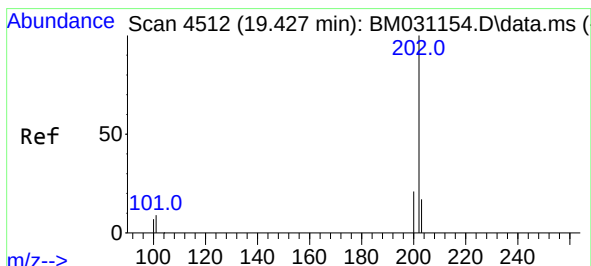
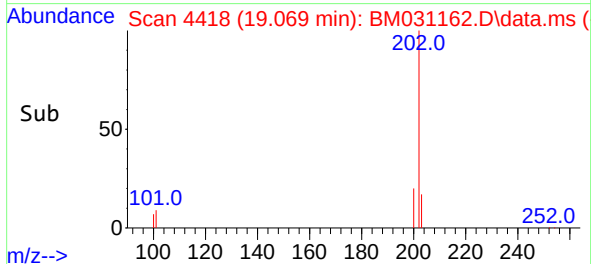
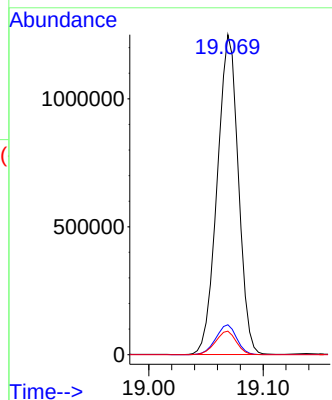
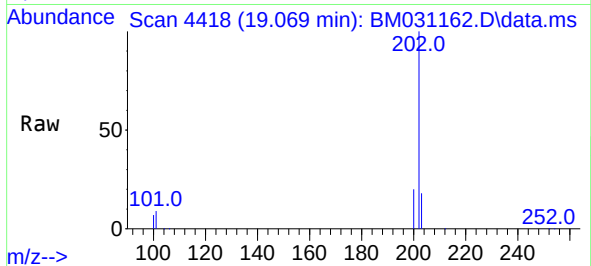
#19
Fluoranthene
Concen: 36.750 ng/ul
RT: 19.069 min Scan# 4418
Delta R.T. 0.004 min
Lab File: BM031162.D
Acq: 26 Jul 2021 14:33

Tgt Ion:202 Resp: 1604142
Ion Ratio Lower Upper
202 100
101 9.3 6.0 9.0#
100 7.4 4.8 7.2#

Instrument :
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ClientSampleId :
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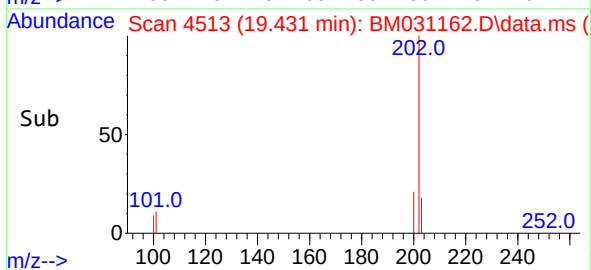
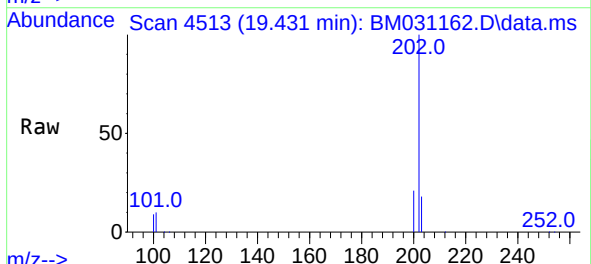
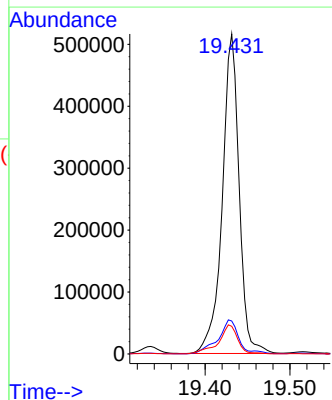
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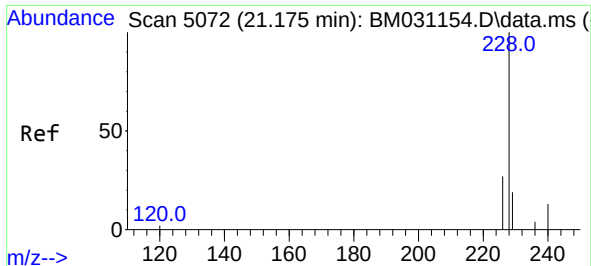
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#20
Pyrene
Concen: 15.945 ng/ul
RT: 19.431 min Scan# 4513
Delta R.T. 0.004 min
Lab File: BM031162.D
Acq: 26 Jul 2021 14:33

Tgt Ion:202 Resp: 710558
Ion Ratio Lower Upper
202 100
101 10.3 7.4 11.0
100 8.6 6.0 9.0





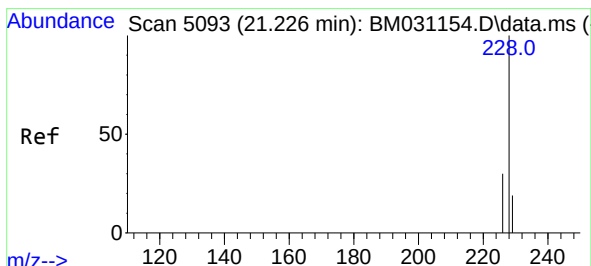
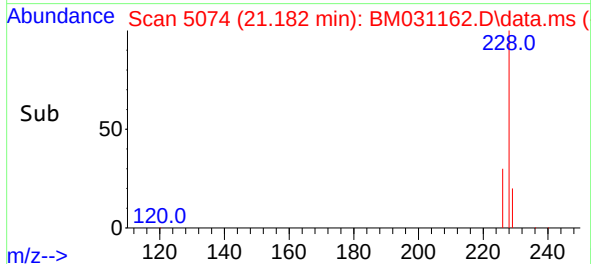
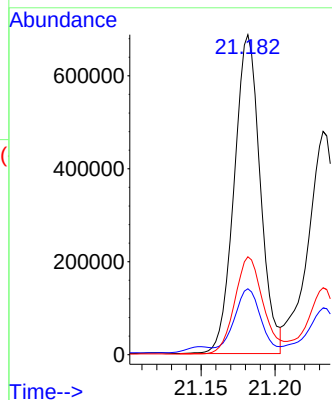
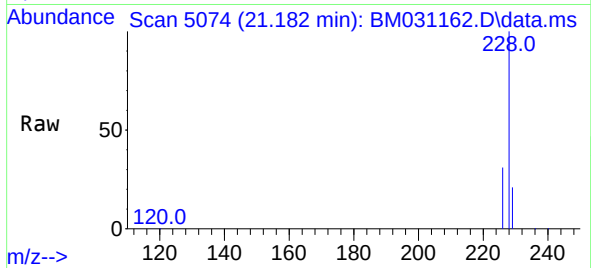
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Benzo(a)anthracene
Concen: 19.428 ng/ul
RT: 21.182 min Scan# 5074
Delta R.T. 0.006 min
Lab File: BM031162.D
Acq: 26 Jul 2021 14:33

Tgt Ion:228 Resp: 841378
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 30.6 21.4 32.2

Instrument :
BNA_M
ClientSampled :
BGE3RE

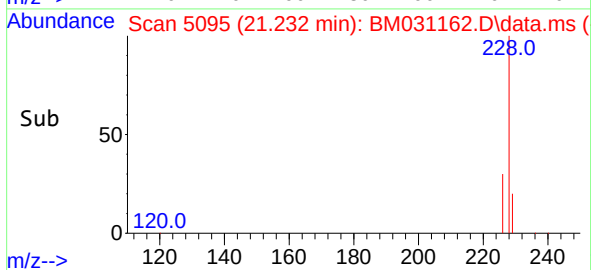
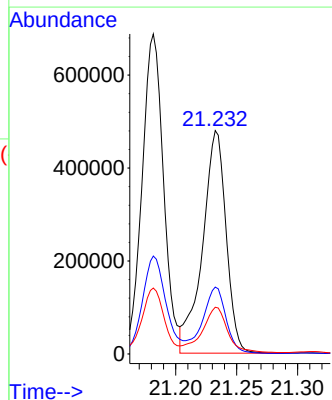
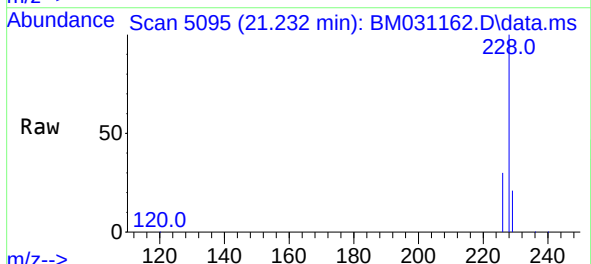
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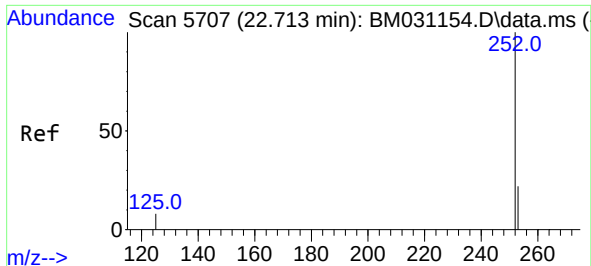
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#22
Chrysene
Concen: 13.743 ng/ul
RT: 21.232 min Scan# 5095
Delta R.T. 0.006 min
Lab File: BM031162.D
Acq: 26 Jul 2021 14:33

Tgt Ion:228 Resp: 644132
Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 20.9 15.8 23.8





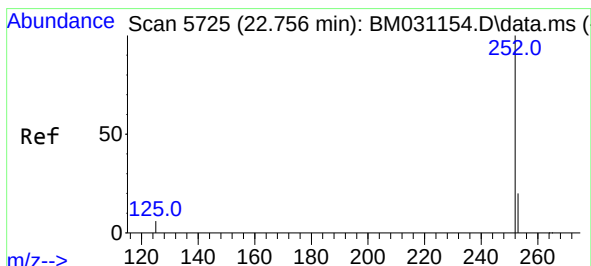
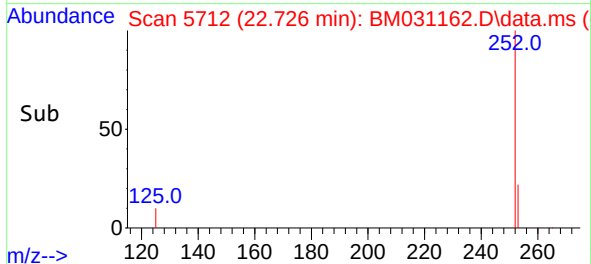
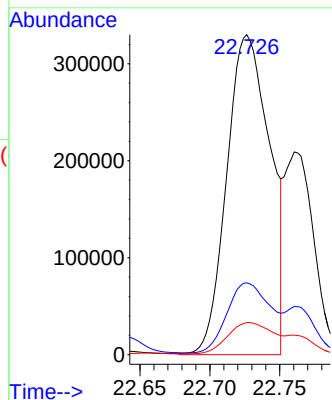
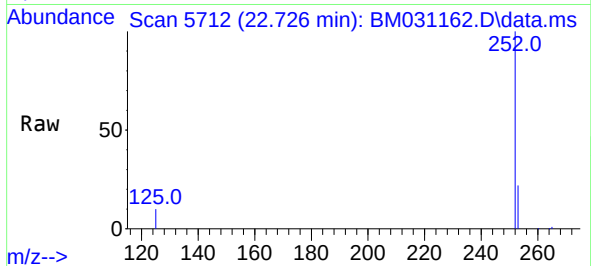
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Benzo(b)fluoranthene
Concen: 14.521 ng/ul m
RT: 22.726 min Scan# 5712
Delta R.T. 0.014 min
Lab File: BM031162.D
Acq: 26 Jul 2021 14:33

Tgt Ion:252 Resp: 707775
Ion Ratio Lower Upper
252 100
253 22.5 0.0 52.8
125 10.0 0.0 20.2

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ClientSampleId :
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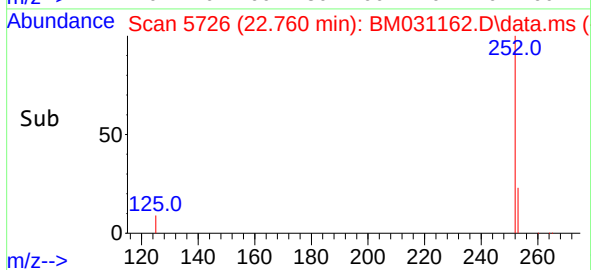
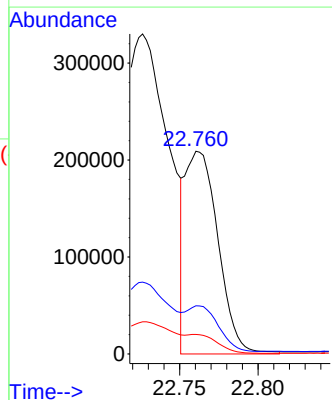
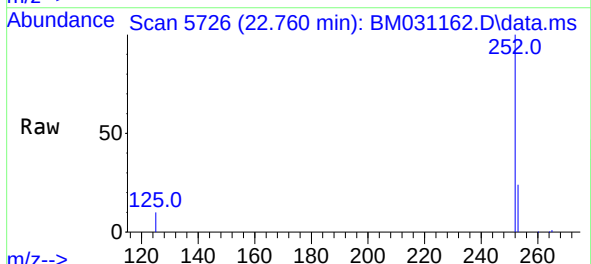
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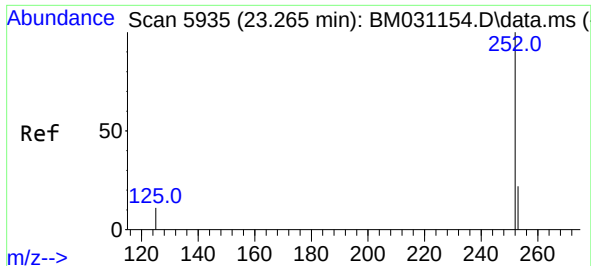
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#25
Benzo(k)fluoranthene
Concen: 6.174 ng/ul m
RT: 22.760 min Scan# 5726
Delta R.T. 0.004 min
Lab File: BM031162.D
Acq: 26 Jul 2021 14:33

Tgt Ion:252 Resp: 305359
Ion Ratio Lower Upper
252 100
253 23.8 21.6 32.4
125 9.6 8.6 13.0





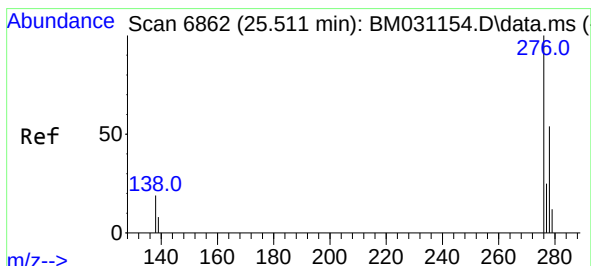
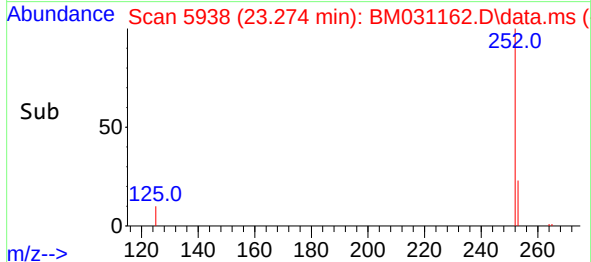
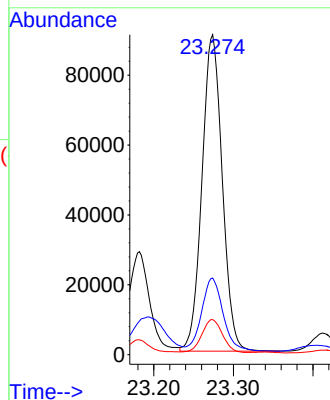
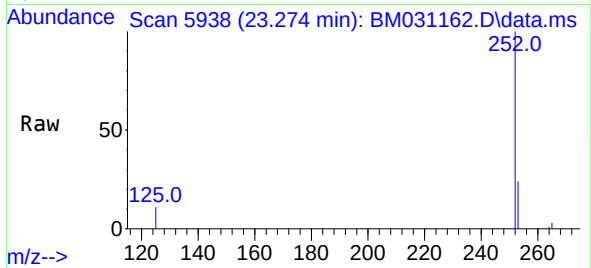
#26
Benzo(a)pyrene
Concen: 3.820 ng/ul
RT: 23.274 min Scan# 5938
Delta R.T. 0.009 min
Lab File: BM031162.D
Acq: 26 Jul 2021 14:33

Tgt Ion:252 Resp: 160960
Ion Ratio Lower Upper
252 100
253 23.9 23.1 34.7
125 11.0 10.7 16.1

Instrument :
BNA_M
ClientSampleId :
BGE3RE

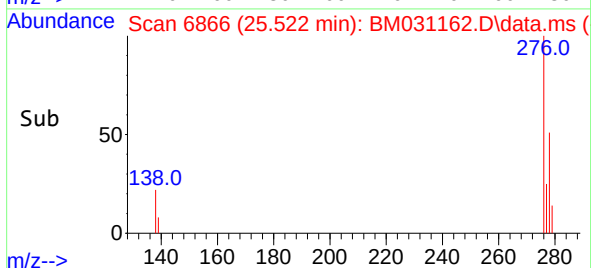
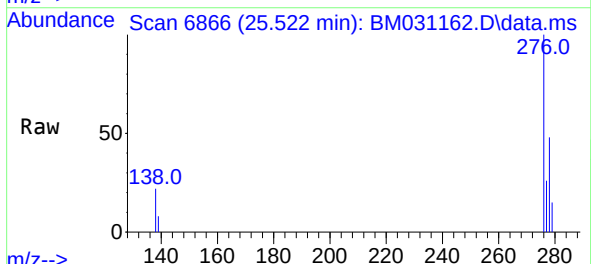
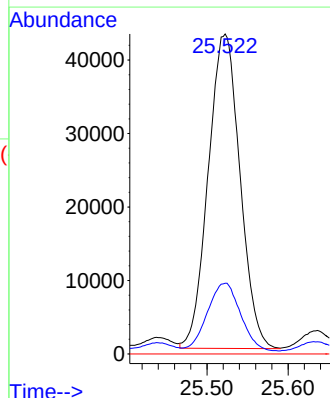
Manual Integrations
APPROVED

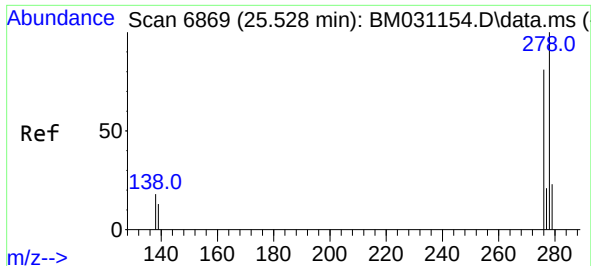
mohammad
7/27/2021 12:09:03 PM



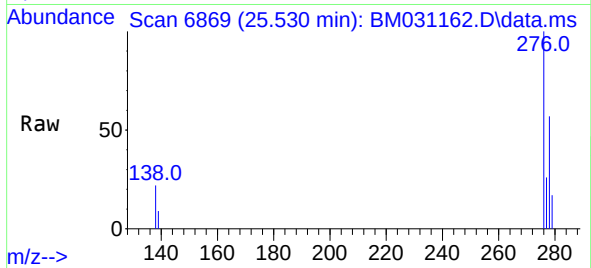
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.108 ng/ul
RT: 25.522 min Scan# 6866
Delta R.T. 0.011 min
Lab File: BM031162.D
Acq: 26 Jul 2021 14:33

Tgt Ion:276 Resp: 116389
Ion Ratio Lower Upper
276 100
138 22.4 15.4 23.0
227 0.0 0.0 0.0

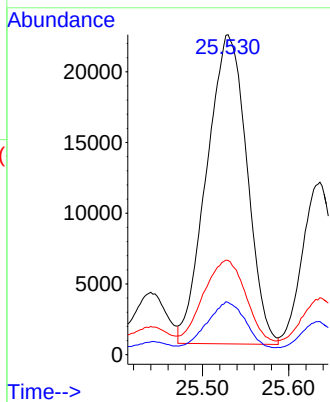
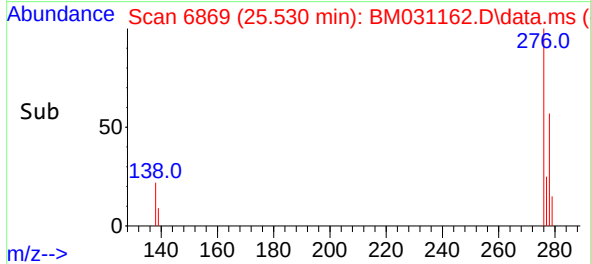




#28
Dibenzo(a,h)anthracene
Concen: 1.598 ng/ul
RT: 25.530 min Scan# 6869
Delta R.T. 0.001 min
Lab File: BM031162.D
Acq: 26 Jul 2021 14:33



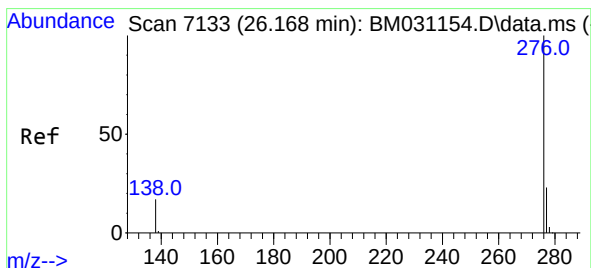
Tgt Ion: 278 Resp: 70768
Ion Ratio Lower Upper
278 100
139 16.3 12.6 18.8
279 29.5 22.6 34.0



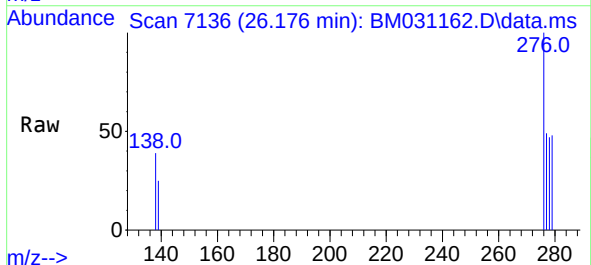
Instrument :
BNA_M
ClientSampled :
BGE3RE

Manual Integrations
APPROVED

mohammad
7/27/2021 12:09:03 PM



#29
Benzo(g,h,i)perylene
Concen: 0.034 ng/ul
RT: 26.176 min Scan# 7136
Delta R.T. 0.009 min
Lab File: BM031162.D
Acq: 26 Jul 2021 14:33



Tgt Ion: 276 Resp: 1605
Ion Ratio Lower Upper
276 100
138 39.5 14.0 21.0#
277 49.5 19.9 29.9#

