

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062421\
 Data File : BM030588.D
 Acq On : 24 Jun 2021 22:55
 Operator : CG/JU
 Sample : M2662-25
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDA1

Manual Integrations
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mohammad
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Quant Time: Jun 25 02:27:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 12:48:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	3715	0.400	ng/ul	0.00
4) Naphthalene-d8	10.581	136	15395	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.425	164	9810	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	19676m	0.400	ng/ul	0.00
17) Chrysene-d12	21.323	240	16198	0.400	ng/ul	# 0.00
23) Perylene-d12	23.578	264	13917	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	15904	4.002	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.173	152	6445	0.262	ng/ul	0.00
18) Fluoranthene-d10	19.180	212	15990	0.322	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.631	128	15055	0.329	ng/ul	99
7) 2-Methylnaphthalene	12.250	142	1560	0.050	ng/ul	100
8) 1-Methylnaphthalene	12.466	142	966	0.032	ng/ul	98
10) Acenaphthylene	14.144	152	6192	0.135	ng/ul	95
11) Acenaphthene	14.485	153	5702	0.152	ng/ul	99
12) Fluorene	15.471	166	9131	0.220	ng/ul	97
15) Phenanthrene	17.204	178	80786	1.153	ng/ul	100
16) Anthracene	17.291	178	45744	0.745	ng/ul	99
19) Fluoranthene	19.211	202	315732	4.240	ng/ul	99
20) Pyrene	19.573	202	195333	2.560	ng/ul	100
21) Benzo(a)anthracene	21.309	228	149549	2.324	ng/ul	98
22) Chrysene	21.360	228	120101	1.681	ng/ul	98
24) Benzo(b)fluoranthene	22.902	252	126748m	2.094	ng/ul	
25) Benzo(k)fluoranthene	22.939	252	48458m	0.763	ng/ul	
26) Benzo(a)pyrene	23.479	252	38395	0.715	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.858	276	25699	0.376	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.863	278	11491	0.211	ng/ul#	82
29) Benzo(g,h,i)perylene	26.563	276	1194	0.020	ng/ul#	27

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

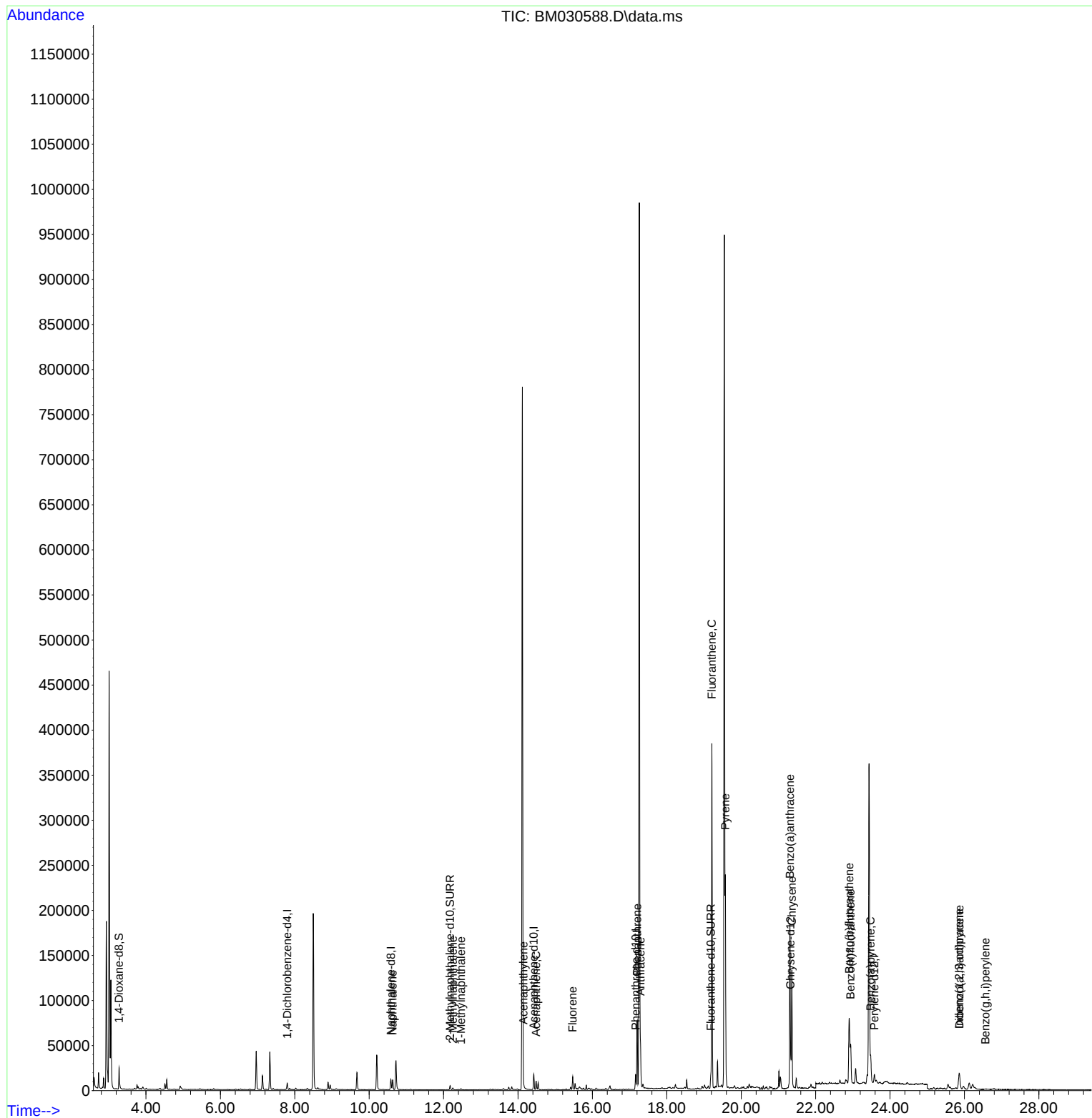
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062421\
Data File : BM030588.D
Acq On : 24 Jun 2021 22:55
Operator : CG/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

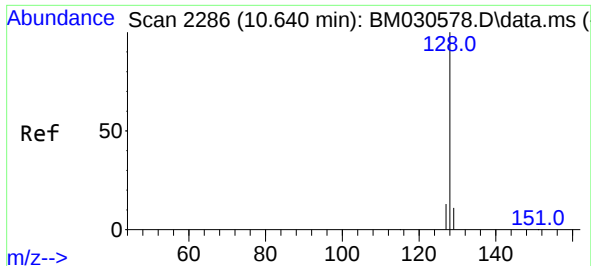
Instrument :
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ClientSampleId :
BGDA1

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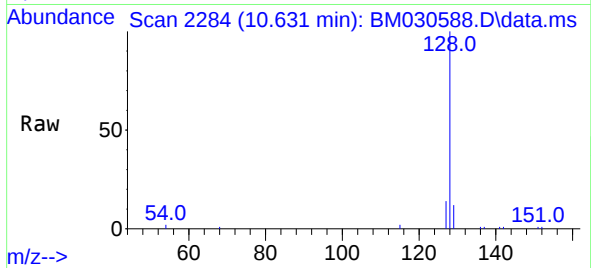
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Quant Time: Jun 25 02:27:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 12:48:41 2021
Response via : Initial Calibration

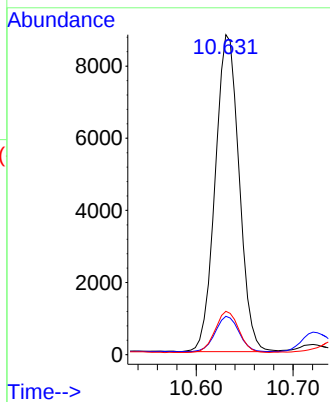
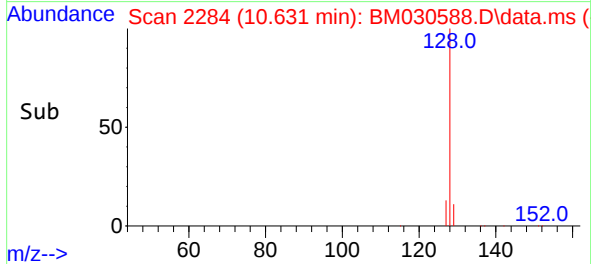




#5
Naphthalene
Concen: 0.329 ng/ul
RT: 10.631 min Scan# 2284
Delta R.T. -0.009 min
Lab File: BM030588.D
Acq: 24 Jun 2021 22:55



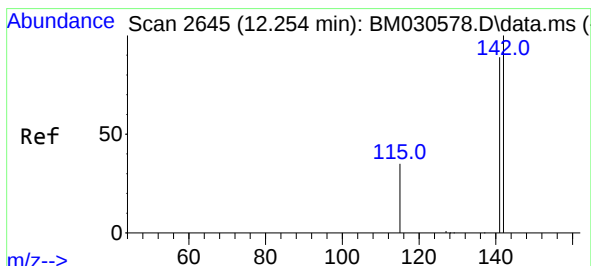
Tgt Ion:128 Resp: 15055
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.6
127 13.5 10.9 16.3



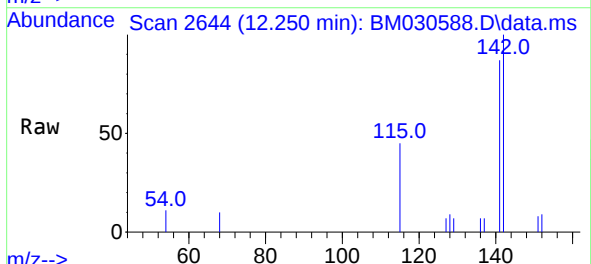
Instrument :
BNA_M
ClientSampled :
BGDA1

Manual Integrations
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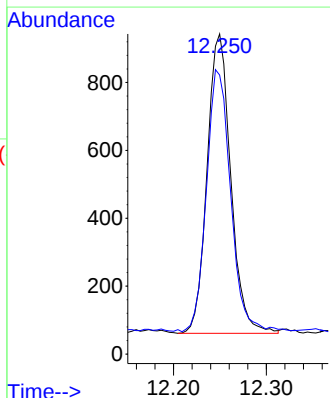
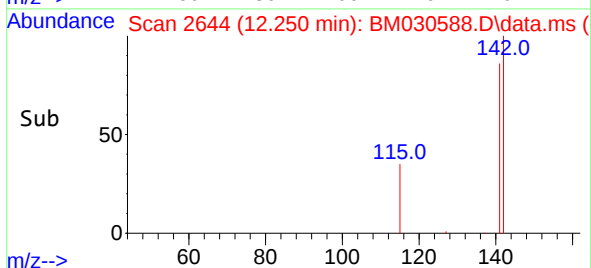
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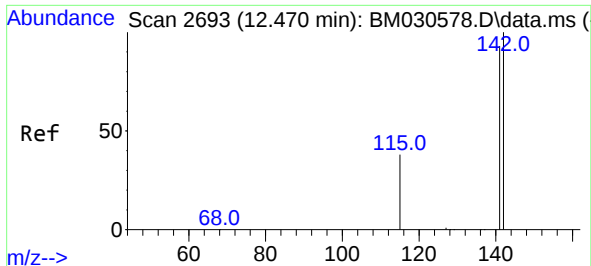


#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.004 min
Lab File: BM030588.D
Acq: 24 Jun 2021 22:55



Tgt Ion:142 Resp: 1560
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.0





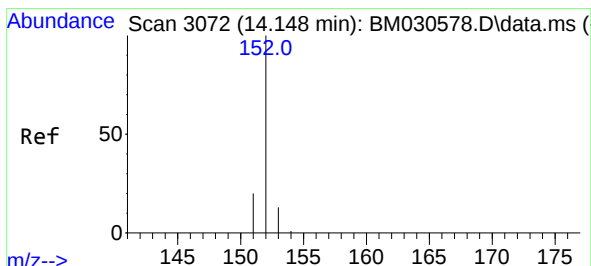
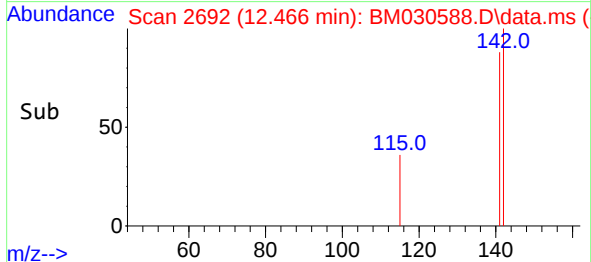
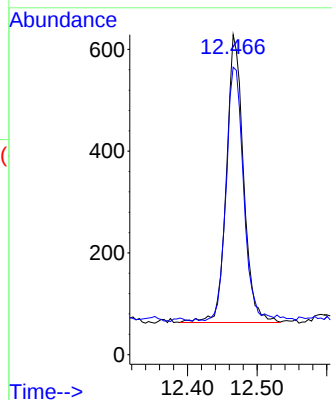
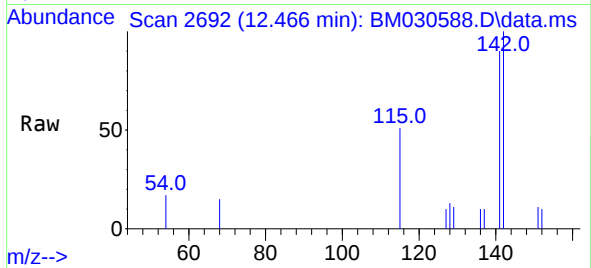
#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.466 min Scan# 2692
Delta R.T. -0.004 min
Lab File: BM030588.D
Acq: 24 Jun 2021 22:55

Tgt Ion:142 Resp: 966
Ion Ratio Lower Upper
142 100
141 90.2 73.4 110.0

Instrument :
BNA_M
ClientSampled :
BGDA1

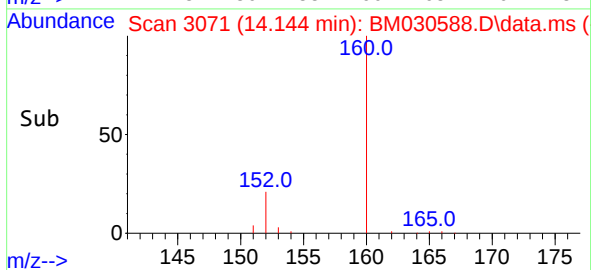
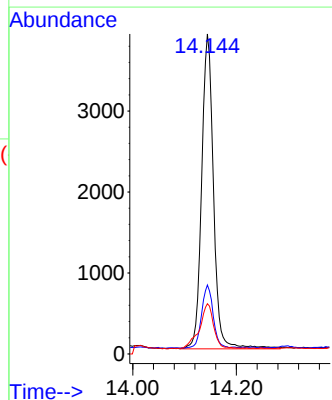
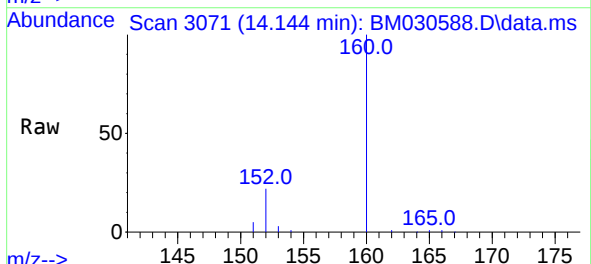
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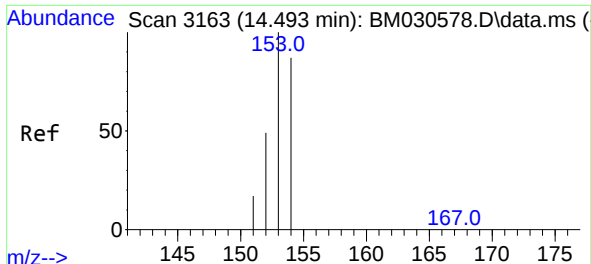
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#10
Acenaphthylene
Concen: 0.135 ng/ul
RT: 14.144 min Scan# 3071
Delta R.T. -0.008 min
Lab File: BM030588.D
Acq: 24 Jun 2021 22:55

Tgt Ion:152 Resp: 6192
Ion Ratio Lower Upper
152 100
151 21.5 15.5 23.3
153 15.7 10.7 16.1





#11
Acenaphthene
Concen: 0.152 ng/ul
RT: 14.485 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM030588.D
Acq: 24 Jun 2021 22:55

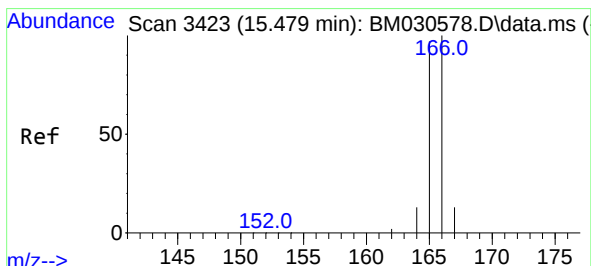
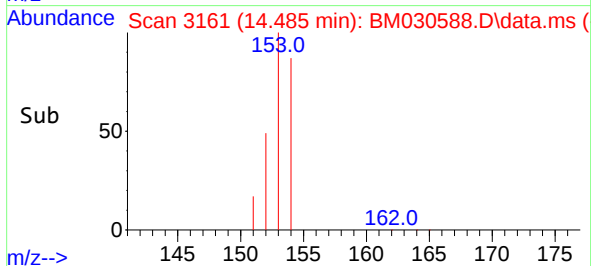
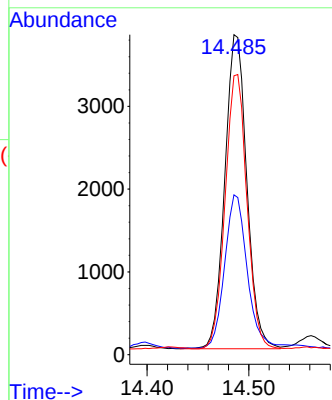
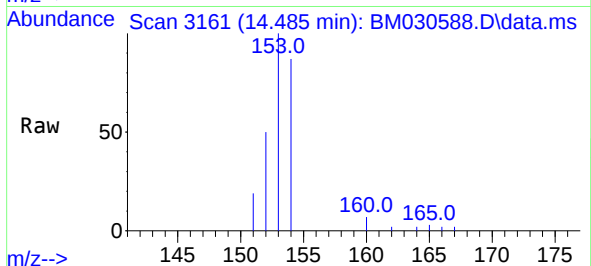
Tgt Ion:153 Resp: 5702

Ion	Ratio	Lower	Upper
153	100		
152	49.9	40.2	60.2
154	87.1	71.2	106.8

Instrument :
BNA_M
ClientSampled :
BGDA1

Manual Integrations
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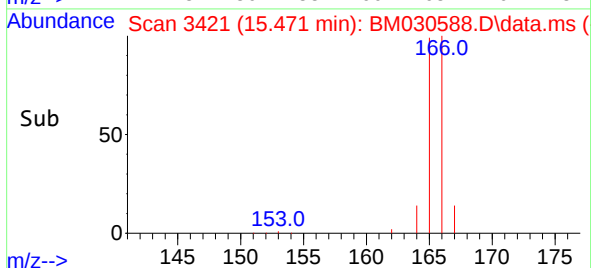
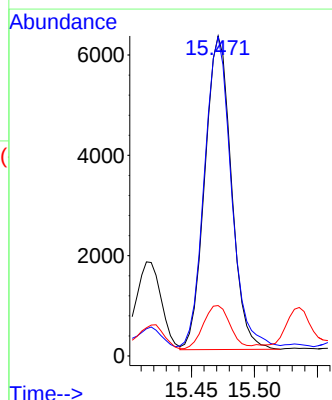
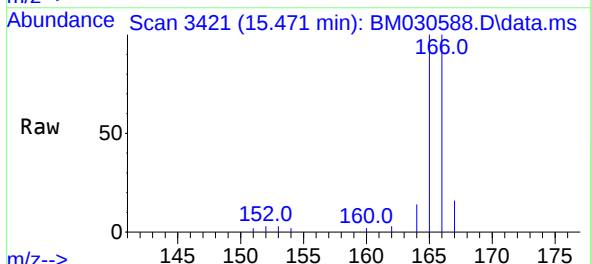
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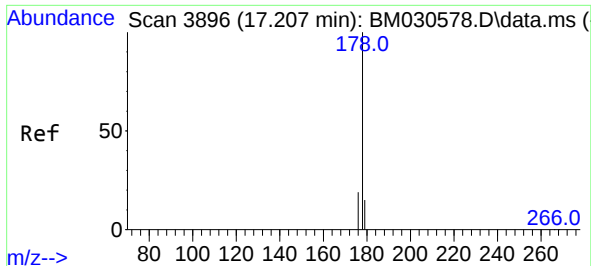


#12
Fluorene
Concen: 0.220 ng/ul
RT: 15.471 min Scan# 3421
Delta R.T. -0.007 min
Lab File: BM030588.D
Acq: 24 Jun 2021 22:55

Tgt Ion:166 Resp: 9131

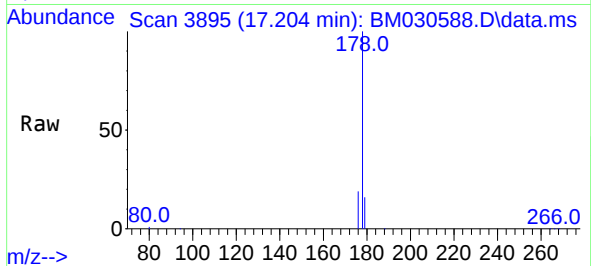
Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.7	116.5
167	15.8	11.3	16.9





#15
Phenanthrene
Concen: 1.153 ng/u1
RT: 17.204 min Scan# 3895
Delta R.T. -0.003 min
Lab File: BM030588.D
Acq: 24 Jun 2021 22:55

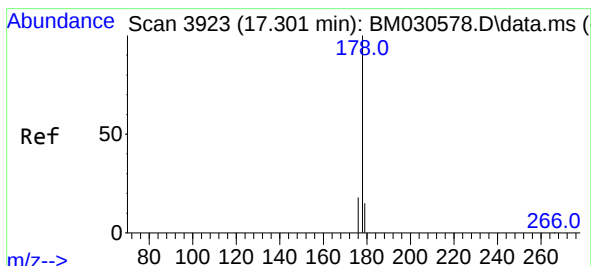
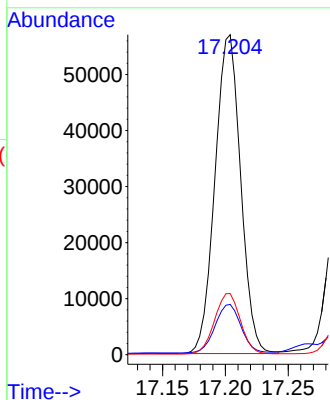
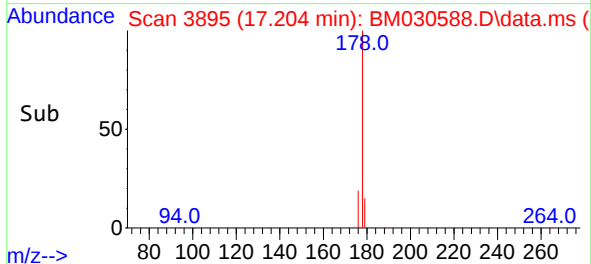
Instrument :
BNA_M
ClientSampled :
BGDA1



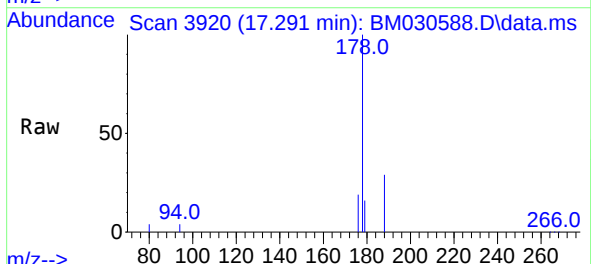
Tgt Ion:178 Resp: 80786
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.1 15.5 23.3

Manual Integrations
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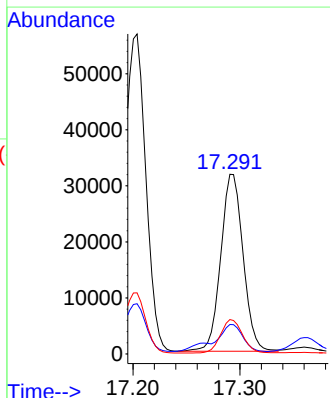
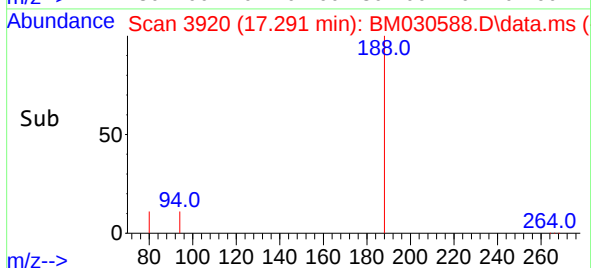
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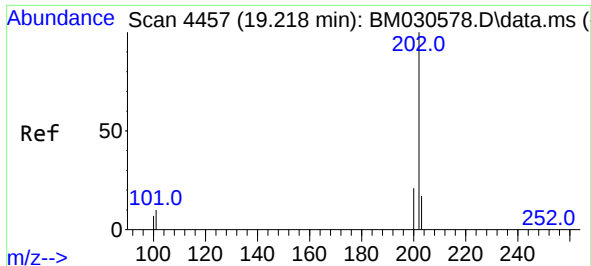


#16
Anthracene
Concen: 0.745 ng/u1
RT: 17.291 min Scan# 3920
Delta R.T. -0.010 min
Lab File: BM030588.D
Acq: 24 Jun 2021 22:55



Tgt Ion:178 Resp: 45744
Ion Ratio Lower Upper
178 100
179 16.4 12.7 19.1
176 19.1 15.2 22.8





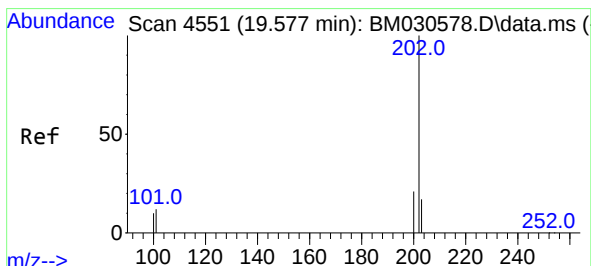
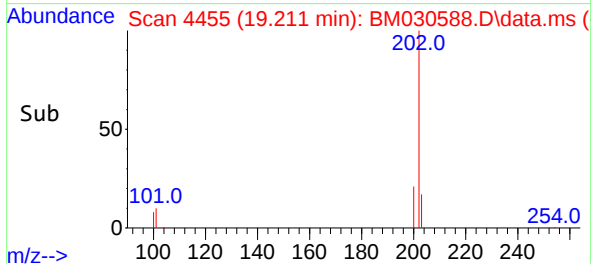
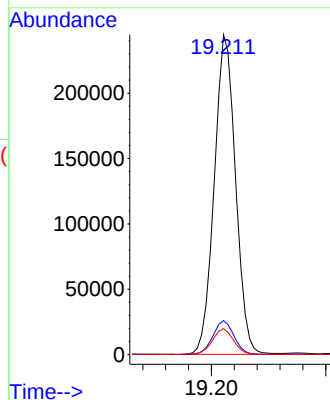
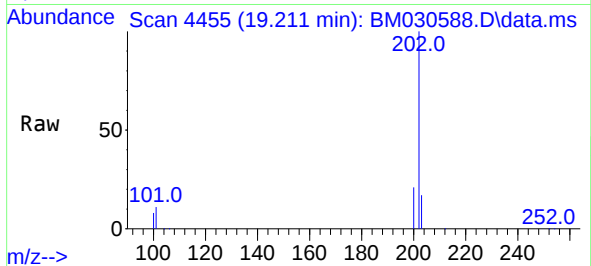
#19
Fluoranthene
Concen: 4.240 ng/u1
RT: 19.211 min Scan# 4455
Delta R.T. -0.008 min
Lab File: BM030588.D
Acq: 24 Jun 2021 22:55

Instrument :
BNA_M
ClientSampled :
BGDA1

Tgt Ion:202 Resp: 315732
Ion Ratio Lower Upper
202 100
101 10.7 8.8 13.2
100 8.1 6.9 10.3

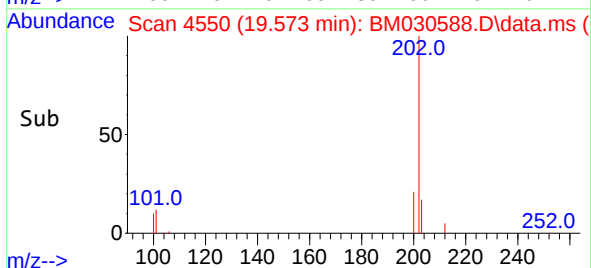
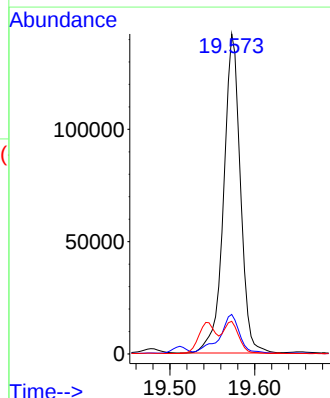
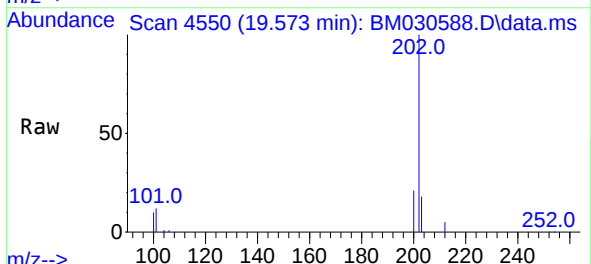
Manual Integrations
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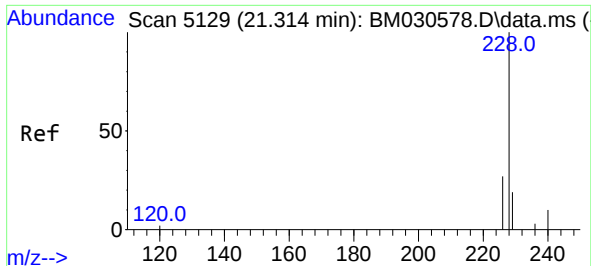
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#20
Pyrene
Concen: 2.560 ng/u1
RT: 19.573 min Scan# 4550
Delta R.T. -0.008 min
Lab File: BM030588.D
Acq: 24 Jun 2021 22:55

Tgt Ion:202 Resp: 195333
Ion Ratio Lower Upper
202 100
101 12.3 10.1 15.1
100 10.2 8.2 12.2





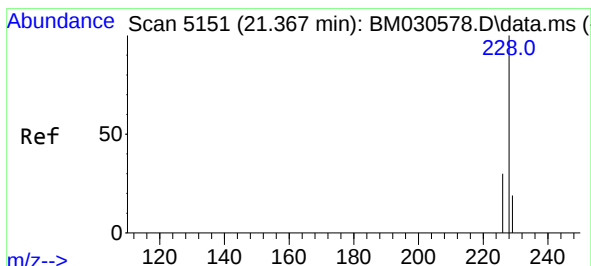
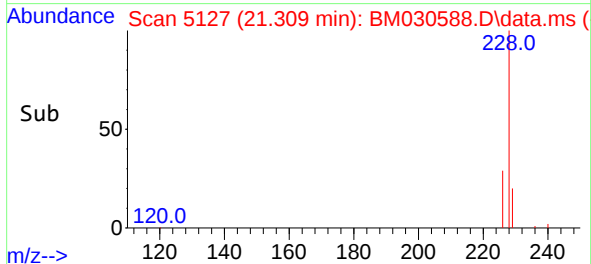
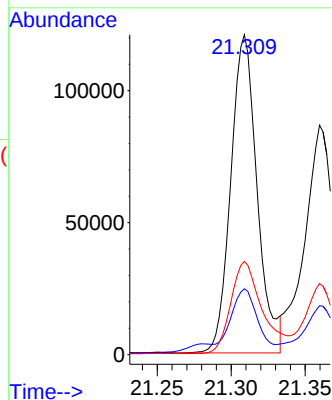
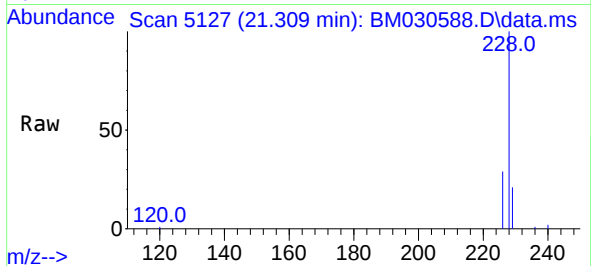
#21
Benzo(a)anthracene
Concen: 2.324 ng/ul
RT: 21.309 min Scan# 5127
Delta R.T. -0.007 min
Lab File: BM030588.D
Acq: 24 Jun 2021 22:55

Tgt Ion:	228	Resp:	149549
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.8	23.6
226	29.1	22.2	33.4

Instrument :
BNA_M
ClientSampled :
BGDA1

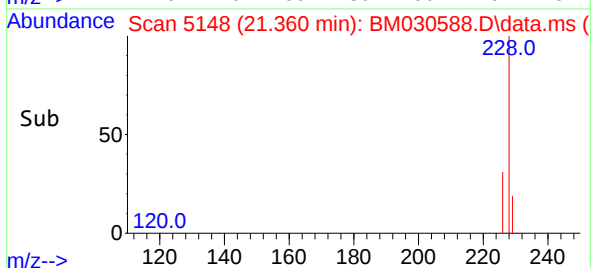
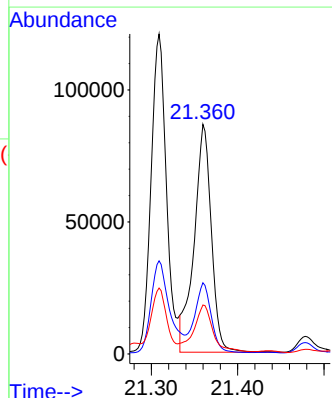
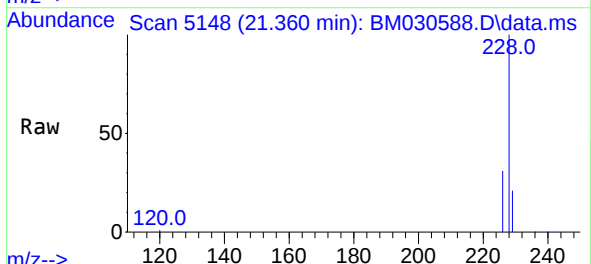
Manual Integrations
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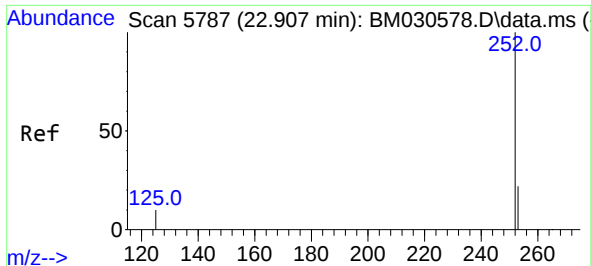
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#22
Chrysene
Concen: 1.681 ng/ul
RT: 21.360 min Scan# 5148
Delta R.T. -0.007 min
Lab File: BM030588.D
Acq: 24 Jun 2021 22:55

Tgt Ion:	228	Resp:	120101
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.4	36.6
229	21.3	15.4	23.0





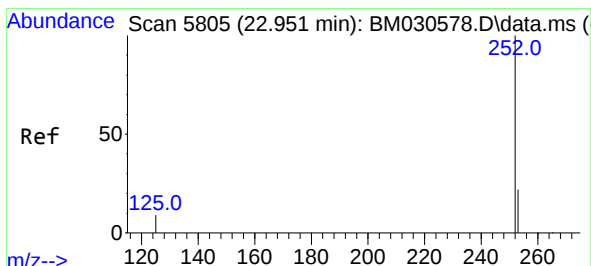
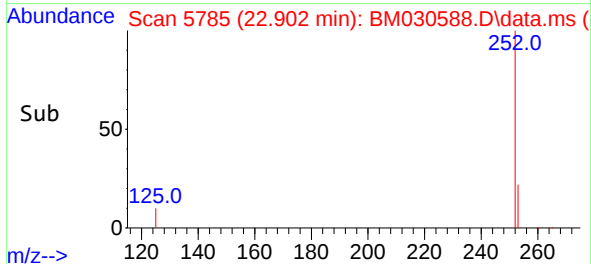
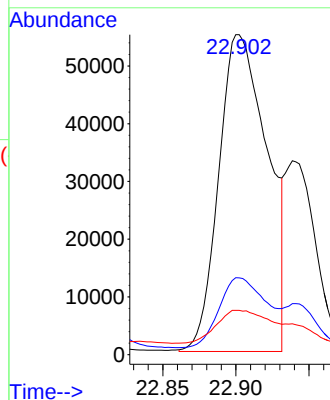
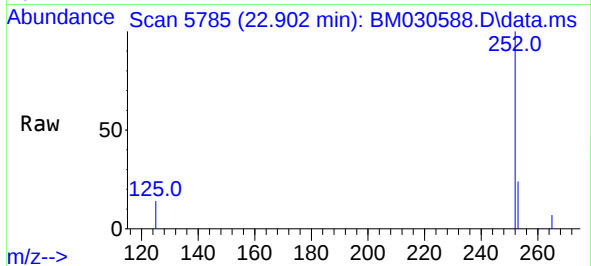
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Benzo(b)fluoranthene
Concen: 2.094 ng/ul m
RT: 22.902 min Scan# 5785
Delta R.T. -0.005 min
Lab File: BM030588.D
Acq: 24 Jun 2021 22:55

Tgt Ion:252 Resp: 126748
Ion Ratio Lower Upper
252 100
253 24.0 0.0 50.2
125 13.9 0.0 27.8

Instrument :
BNA_M
ClientSampled :
BGDA1

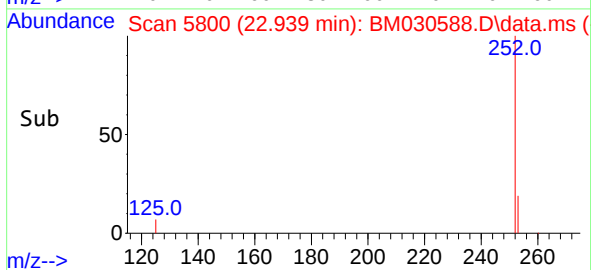
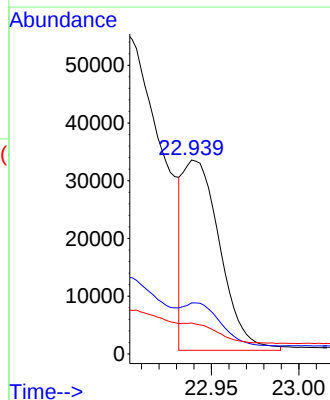
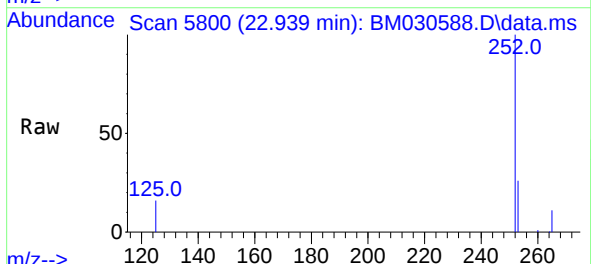
Manual Integrations
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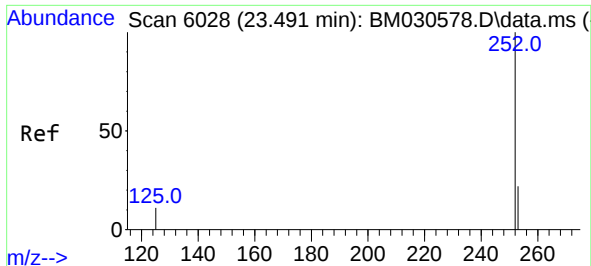
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#25
Benzo(k)fluoranthene
Concen: 0.763 ng/ul m
RT: 22.939 min Scan# 5800
Delta R.T. -0.014 min
Lab File: BM030588.D
Acq: 24 Jun 2021 22:55

Tgt Ion:252 Resp: 48458
Ion Ratio Lower Upper
252 100
253 26.3 20.6 31.0
125 15.9 11.0 16.4





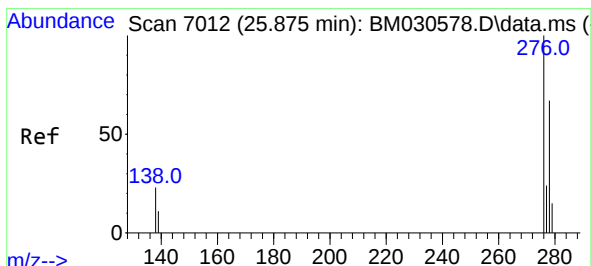
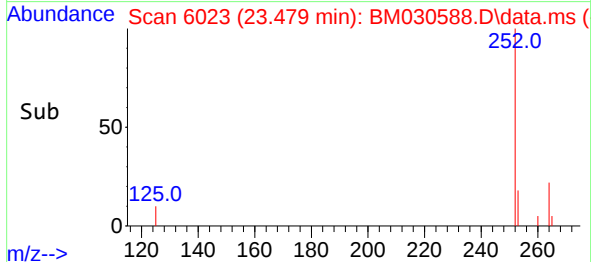
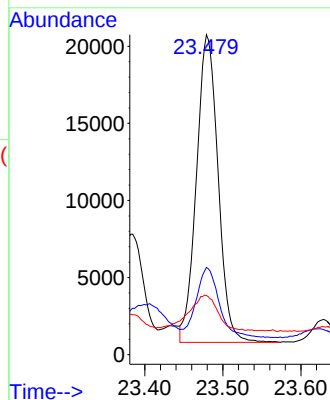
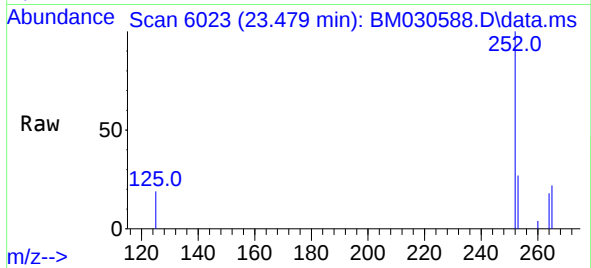
#26
Benzo(a)pyrene
Concen: 0.715 ng/ul
RT: 23.479 min Scan# 6023
Delta R.T. -0.012 min
Lab File: BM030588.D
Acq: 24 Jun 2021 22:55

Tgt Ion:	252	Resp:	38395
Ion Ratio	Lower	Upper	
252	100		
253	27.3	22.0	33.0
125	18.5	13.4	20.2

Instrument :
BNA_M
ClientSampled :
BGDA1

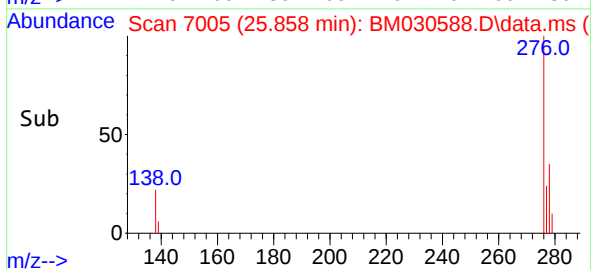
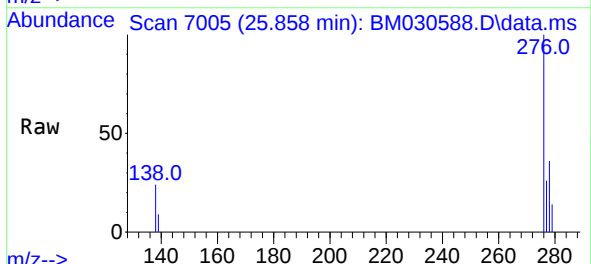
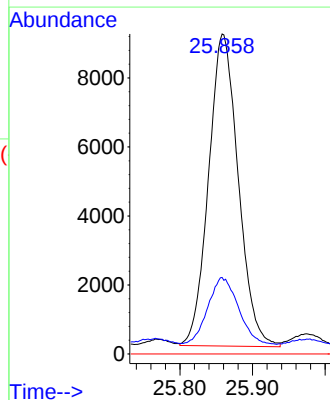
Manual Integrations
APPROVED

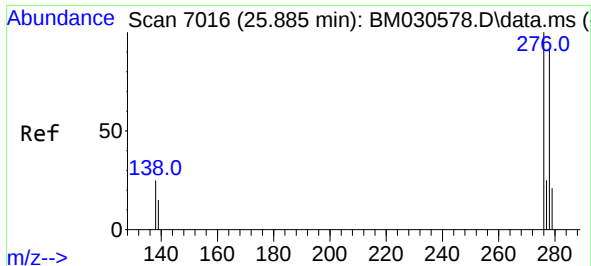
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng/ul
RT: 25.858 min Scan# 7005
Delta R.T. -0.014 min
Lab File: BM030588.D
Acq: 24 Jun 2021 22:55

Tgt Ion:	276	Resp:	25699
Ion Ratio	Lower	Upper	
276	100		
138	22.3	19.1	28.7
227	0.0	0.0	0.0





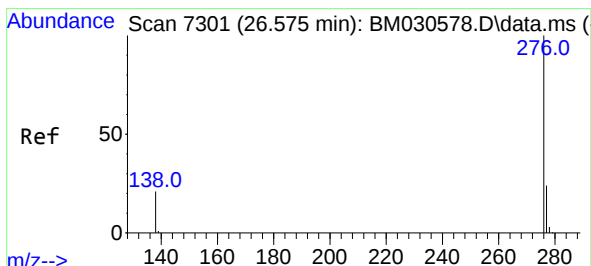
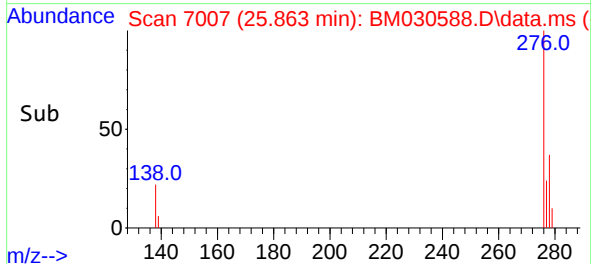
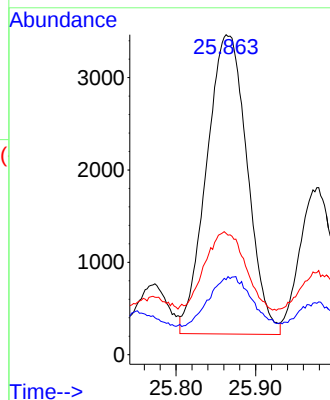
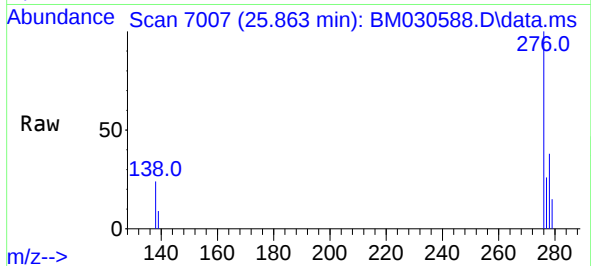
#28
Dibenzo(a,h)anthracene
Concen: 0.211 ng/ul
RT: 25.863 min Scan# 7007
Delta R.T. -0.024 min
Lab File: BM030588.D
Acq: 24 Jun 2021 22:55

Tgt Ion: 278 Resp: 11491
Ion Ratio Lower Upper
278 100
139 23.5 14.2 21.4#
279 37.9 21.6 32.4#

Instrument :
BNA_M
ClientSampleId :
BGDA1

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.020 ng/ul
RT: 26.563 min Scan# 7296
Delta R.T. -0.007 min
Lab File: BM030588.D
Acq: 24 Jun 2021 22:55

Tgt Ion: 276 Resp: 1194
Ion Ratio Lower Upper
276 100
138 62.9 18.0 27.0#
277 55.6 19.5 29.3#

