

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032057.D
 Acq On : 04 Sep 2021 01:56
 Operator : CG/JU
 Sample : M3486-11DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AY8DL

Manual Integrations
 APPROVED

mohammad
 9/7/2021 11:38:04 AM

Quant Time: Sep 04 03:27:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 16:21:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.452	152	2159	0.400	ng/ul	0.00
4) Naphthalene-d8	10.208	136	7272	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.099	164	4356	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.852	188	8134	0.400	ng/ul	-0.01
17) Chrysene-d12	21.057	240	6542	0.400	ng/ul	-0.02
23) Perylene-d12	23.169	264	7052	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.068	96	798	0.337	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.809	152	282	0.025	ng/ul	-0.01
18) Fluoranthene-d10	18.889	212	587	0.031	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.257	128	16873	0.874	ng/ul	95
7) 2-Methylnaphthalene	11.886	142	12621	0.937	ng/ul	100
8) 1-Methylnaphthalene	12.106	142	9365	0.707	ng/ul	96
10) Acenaphthylene	13.815	152	10887	0.619	ng/ul	99
11) Acenaphthene	14.159	153	611	0.042	ng/ul#	92
12) Fluorene	15.157	166	994	0.059	ng/ul#	85
14) Pentachlorophenol	16.522	266	64	0.030	ng/ul#	88
15) Phenanthrene	16.893	178	16667	0.673	ng/ul	98
16) Anthracene	16.987	178	10742	0.495	ng/ul	98
19) Fluoranthene	18.919	202	103895	3.674	ng/ul	100
20) Pyrene	19.285	202	100921	3.463	ng/ul	99
21) Benzo(a)anthracene	21.043	228	46130	1.930	ng/ul	98
22) Chrysene	21.093	228	65608	2.390	ng/ul	99
24) Benzo(b)fluoranthene	22.546	252	127817m	3.943	ng/ul	
25) Benzo(k)fluoranthene	22.587	252	40051m	1.198	ng/ul	
26) Benzo(a)pyrene	23.077	252	66873	2.360	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.233	276	66586	1.725	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.240	278	15385	0.496	ng/ul	95
29) Benzo(g,h,i)perylene	25.863	276	56409	1.642	ng/ul	97

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

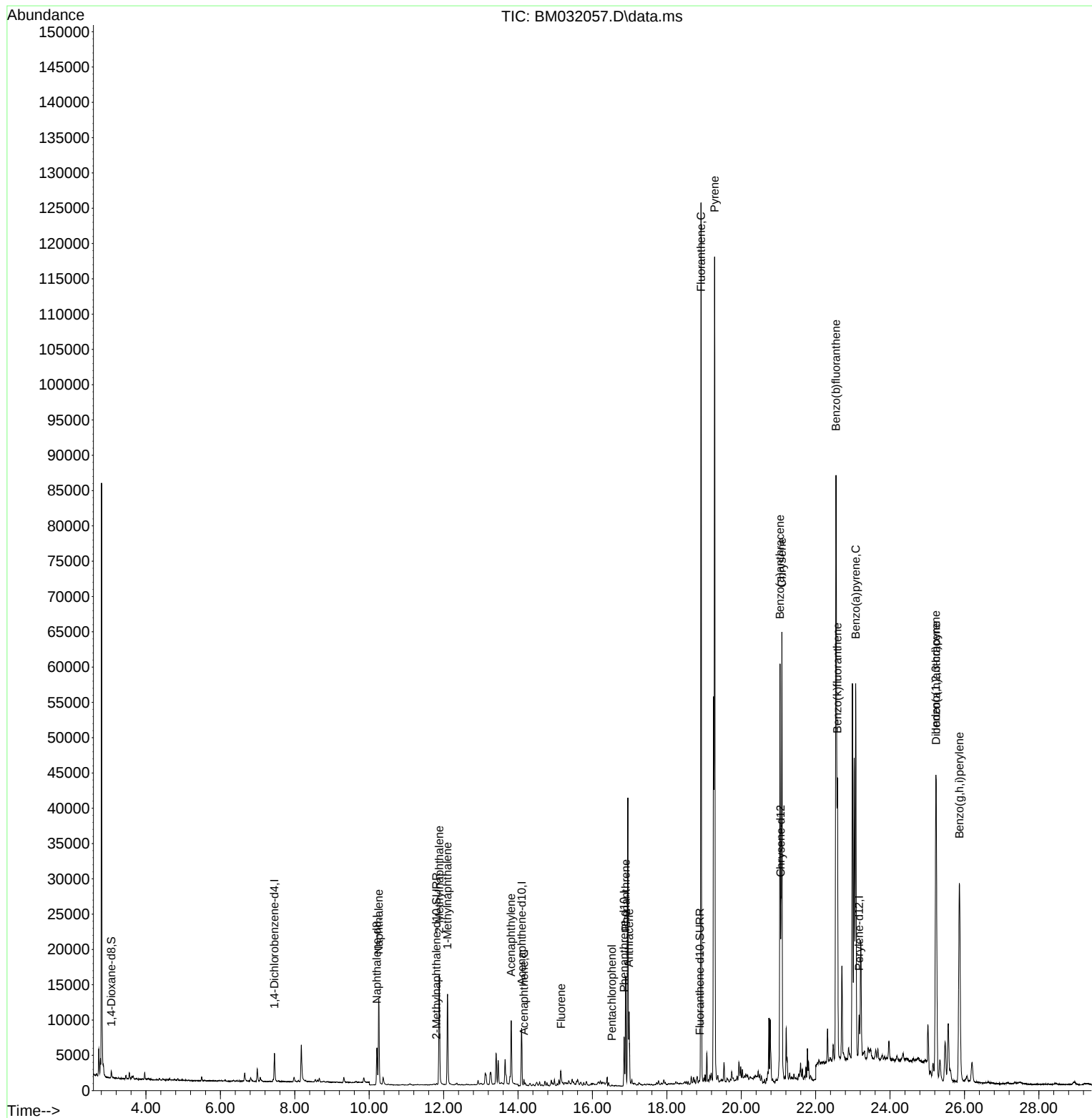
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
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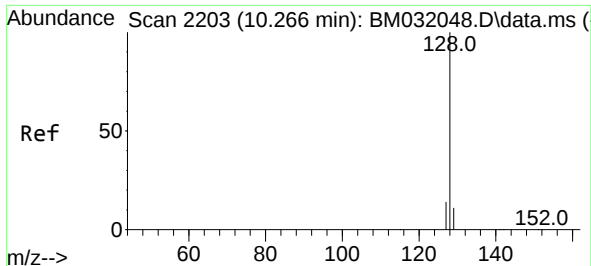
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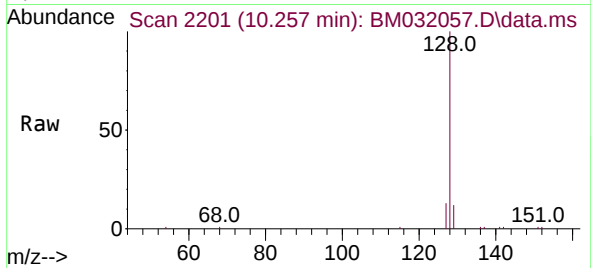
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
Response via : Initial Calibration

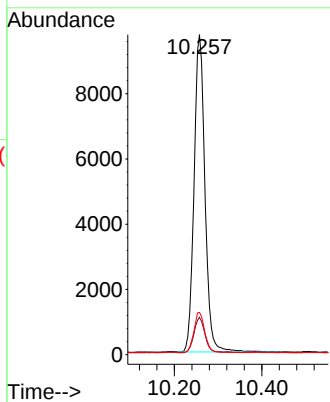
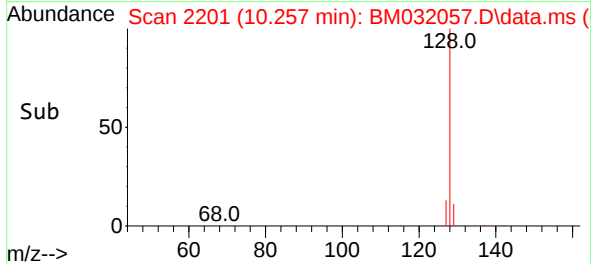




#5
Naphthalene
Concen: 0.874 ng/ul
RT: 10.257 min Scan# 2201
Delta R.T. -0.013 min
Lab File: BM032057.D
Acq: 04 Sep 2021 01:56



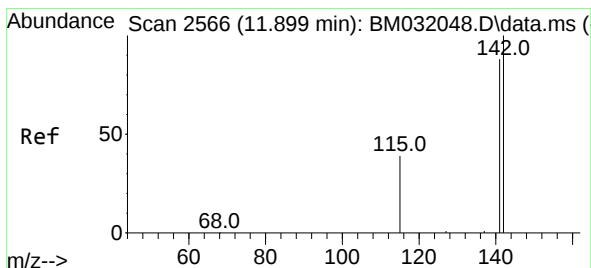
Tgt Ion:128 Resp: 16873
Ion Ratio Lower Upper
128 100
129 11.7 10.9 16.3
127 13.2 12.4 18.6



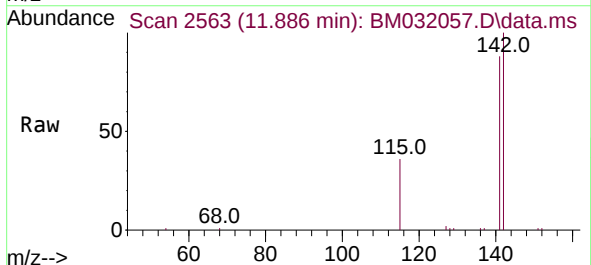
Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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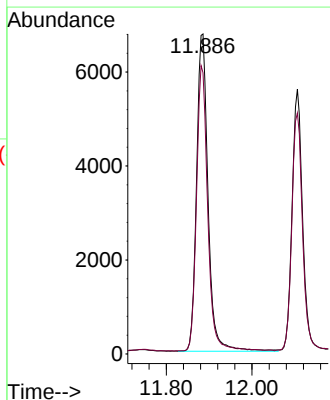
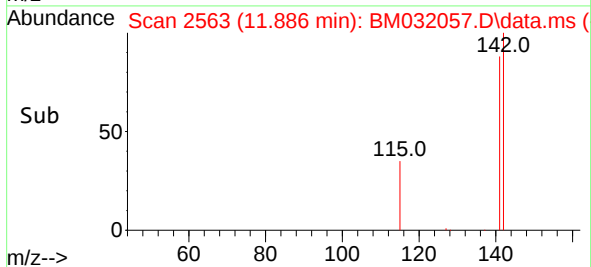
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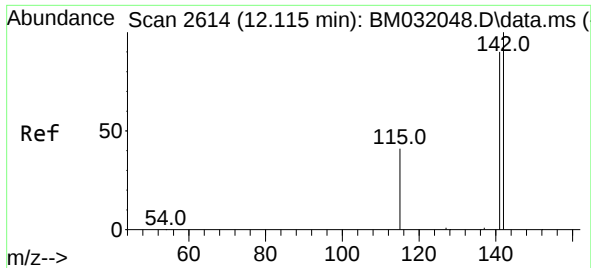


#7
2-Methylnaphthalene
Concen: 0.937 ng/ul
RT: 11.886 min Scan# 2563
Delta R.T. -0.013 min
Lab File: BM032057.D
Acq: 04 Sep 2021 01:56



Tgt Ion:142 Resp: 12621
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5





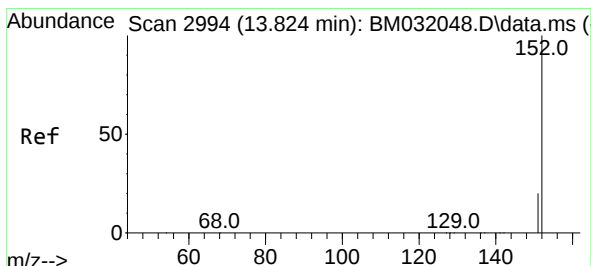
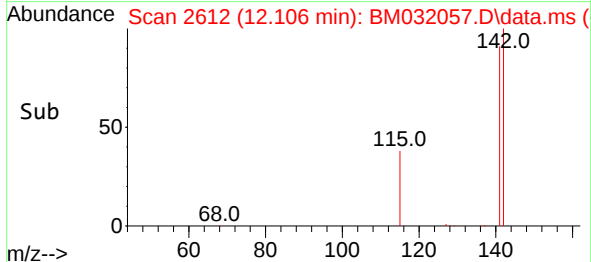
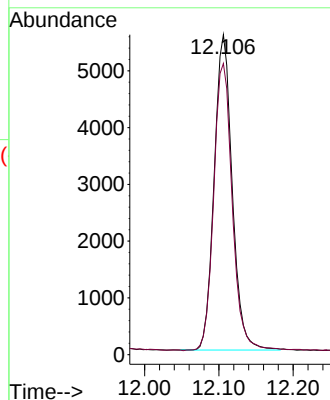
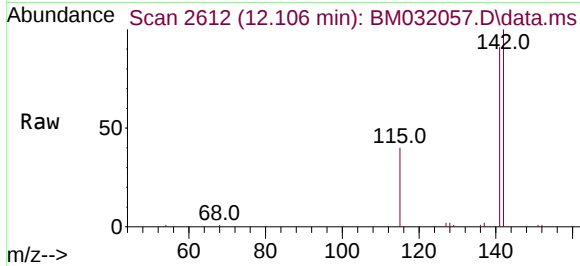
#8
1-Methylnaphthalene
Concen: 0.707 ng/ul
RT: 12.106 min Scan# 2612
Delta R.T. -0.009 min
Lab File: BM032057.D
Acq: 04 Sep 2021 01:56

Tgt Ion:142 Resp: 9365
Ion Ratio Lower Upper
142 100
141 94.0 72.2 108.2

Instrument :
BNA_M
ClientSampled :
C0AY8DL

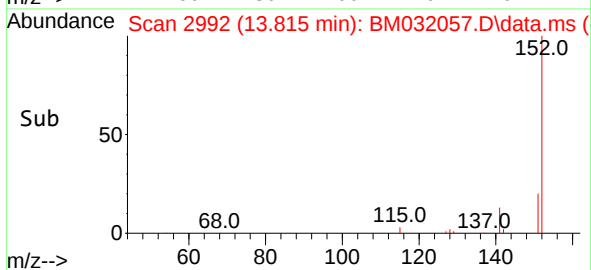
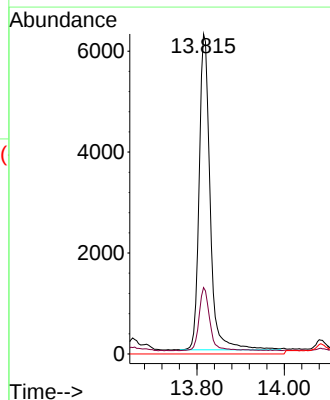
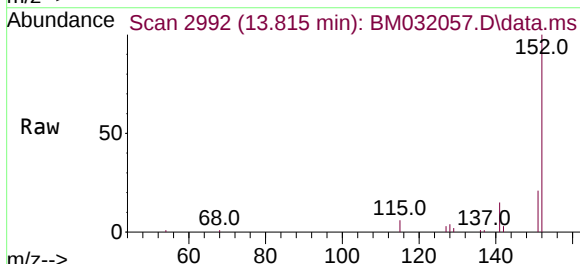
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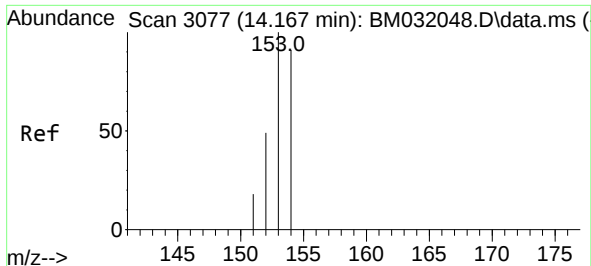
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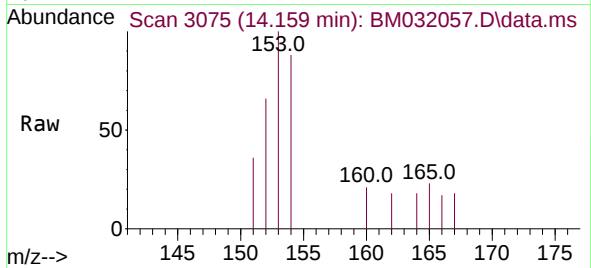
#10
Acenaphthylene
Concen: 0.619 ng/ul
RT: 13.815 min Scan# 2992
Delta R.T. -0.009 min
Lab File: BM032057.D
Acq: 04 Sep 2021 01:56

Tgt Ion:152 Resp: 10887
Ion Ratio Lower Upper
152 100
151 20.8 17.0 25.4
153 0.0 0.0 0.0

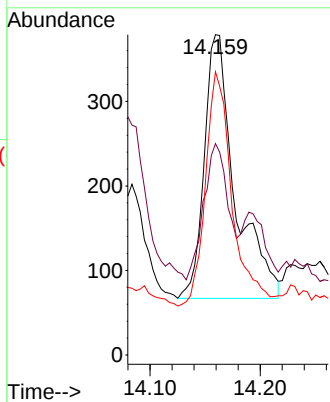
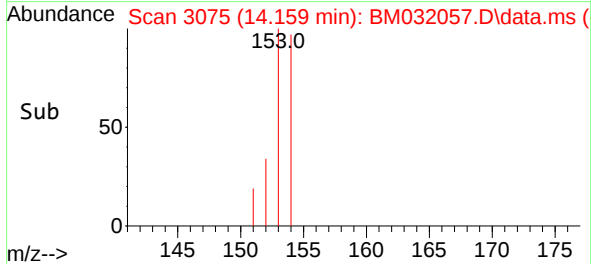




#11
Acenaphthene
Concen: 0.042 ng/u1
RT: 14.159 min Scan# 3075
Delta R.T. -0.008 min
Lab File: BM032057.D
Acq: 04 Sep 2021 01:56



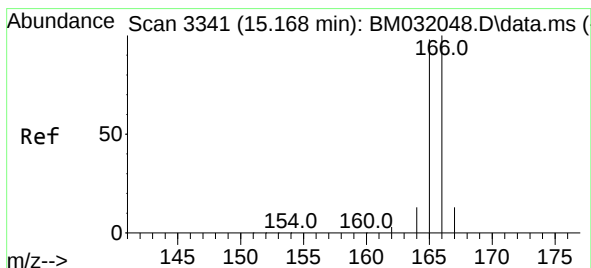
Tgt Ion:153 Resp: 611
Ion Ratio Lower Upper
153 100
152 66.0 41.0 61.4#
154 88.4 70.5 105.7



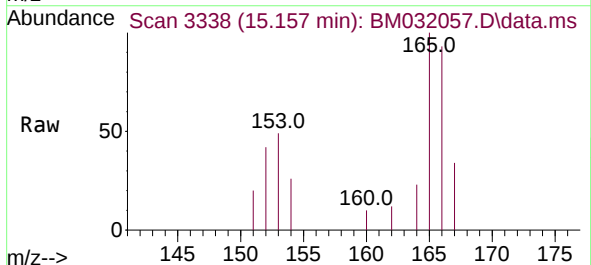
Instrument :
BNA_M
ClientSampleId :
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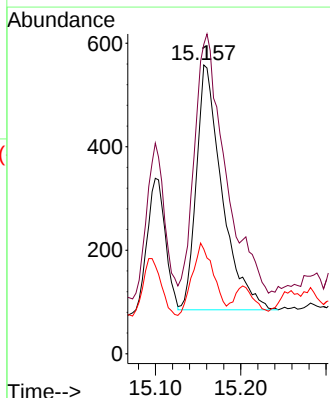
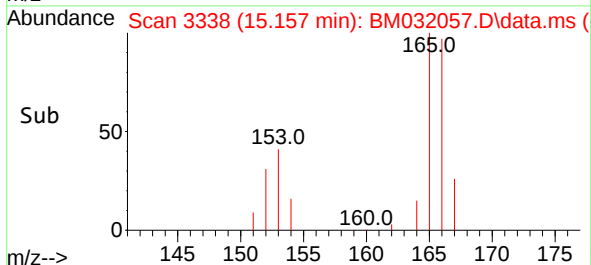
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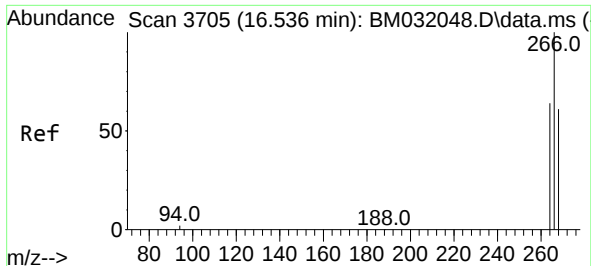


#12
Fluorene
Concen: 0.059 ng/u1
RT: 15.157 min Scan# 3338
Delta R.T. -0.015 min
Lab File: BM032057.D
Acq: 04 Sep 2021 01:56



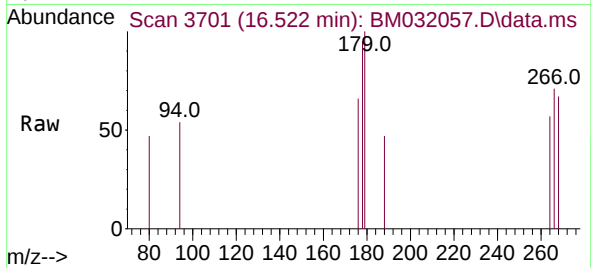
Tgt Ion:166 Resp: 994
Ion Ratio Lower Upper
166 100
165 107.2 78.3 117.5
167 36.2 12.5 18.7#





#14
Pentachlorophenol
Concen: 0.030 ng/ul
RT: 16.522 min Scan# 3701
Delta R.T. -0.017 min
Lab File: BM032057.D
Acq: 04 Sep 2021 01:56

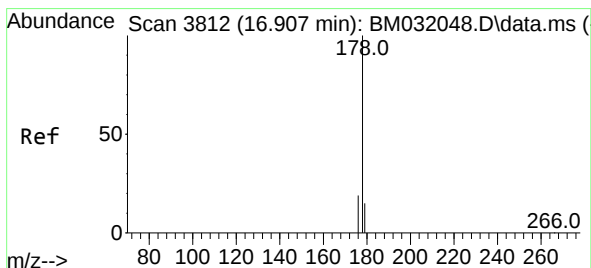
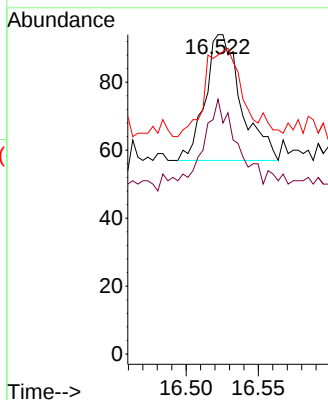
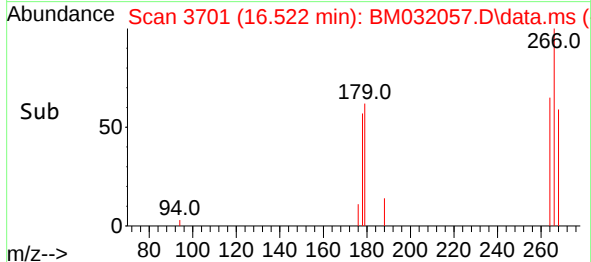
Instrument :
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ClientSampleId :
C0AY8DL



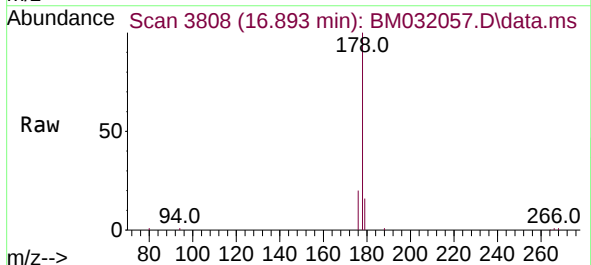
Tgt Ion:266 Resp: 64
Ion Ratio Lower Upper
266 100
264 54.7 44.3 66.5
268 78.1 49.4 74.2#

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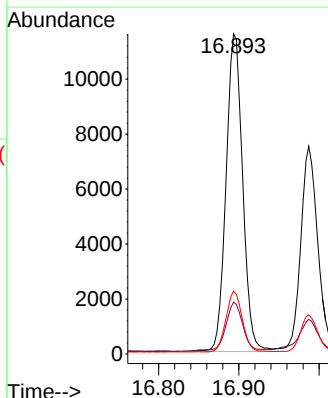
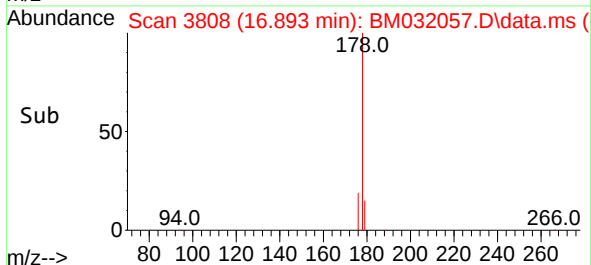
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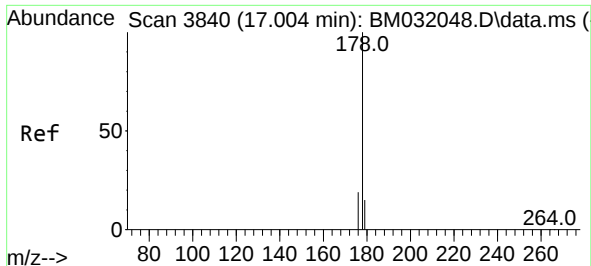


#15
Phenanthrene
Concen: 0.673 ng/ul
RT: 16.893 min Scan# 3808
Delta R.T. -0.014 min
Lab File: BM032057.D
Acq: 04 Sep 2021 01:56



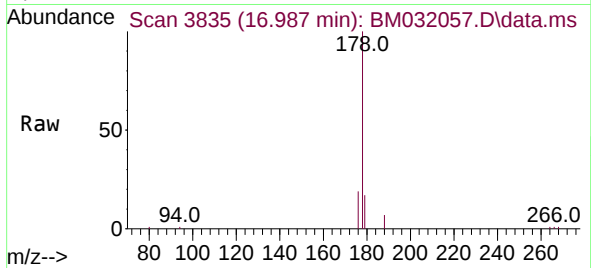
Tgt Ion:178 Resp: 16667
Ion Ratio Lower Upper
178 100
179 16.2 13.3 19.9
176 19.6 16.7 25.1





#16
 Anthracene
 Concen: 0.495 ng/ul
 RT: 16.987 min Scan# 3835
 Delta R.T. -0.020 min
 Lab File: BM032057.D
 Acq: 04 Sep 2021 01:56

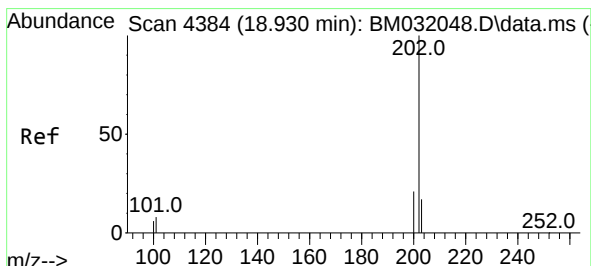
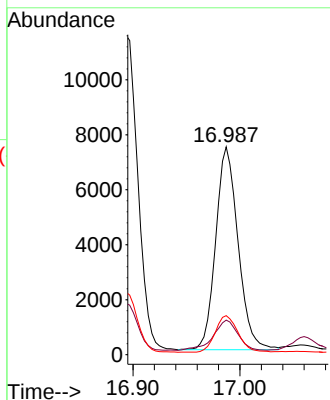
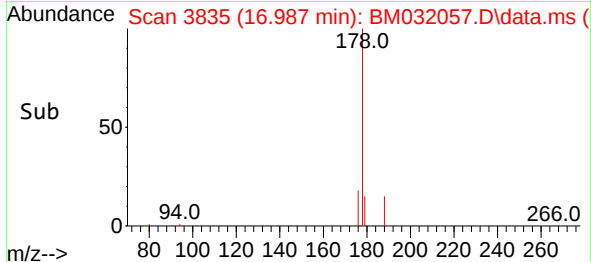
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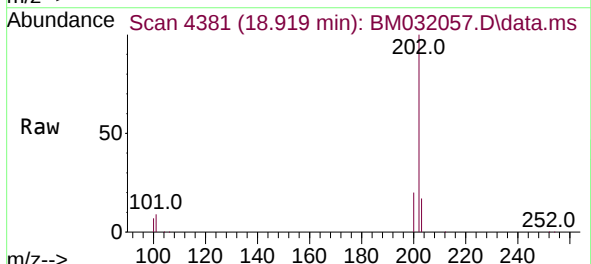
Tgt Ion:178 Resp: 10742
 Ion Ratio Lower Upper
 178 100
 179 16.6 14.3 21.5
 176 18.8 15.8 23.8

Manual Integrations
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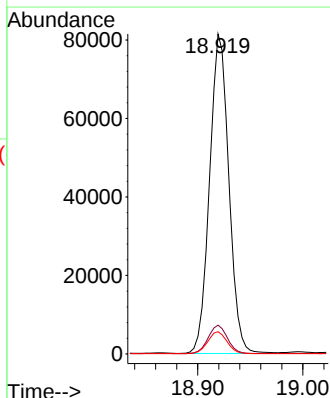
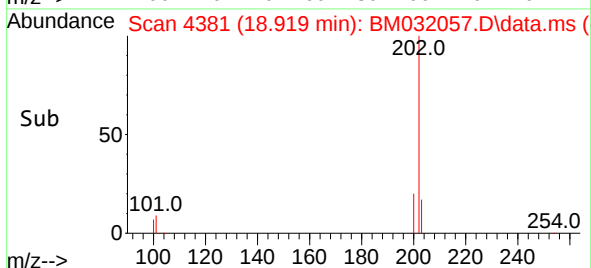
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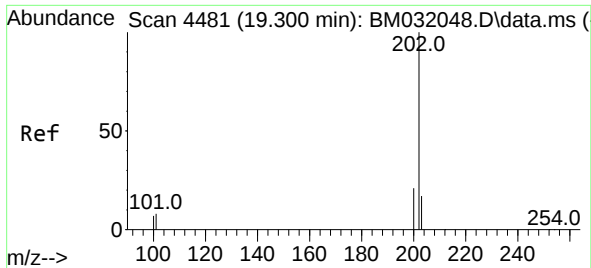


#19
 Fluoranthene
 Concen: 3.674 ng/ul
 RT: 18.919 min Scan# 4381
 Delta R.T. -0.015 min
 Lab File: BM032057.D
 Acq: 04 Sep 2021 01:56



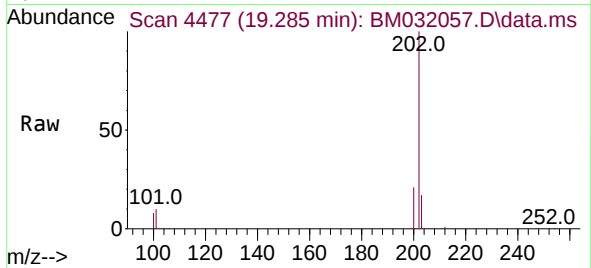
Tgt Ion:202 Resp: 103895
 Ion Ratio Lower Upper
 202 100
 101 9.0 7.2 10.8
 100 7.0 5.8 8.6





#20
Pyrene
Concen: 3.463 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. -0.015 min
Lab File: BM032057.D
Acq: 04 Sep 2021 01:56

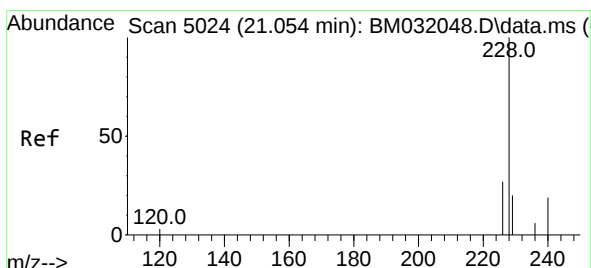
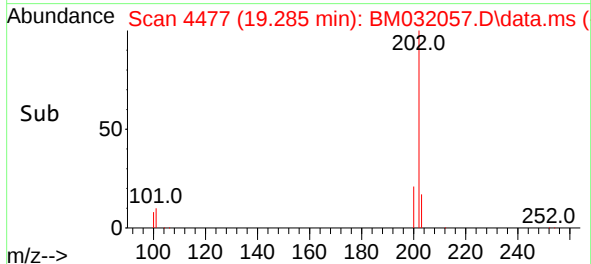
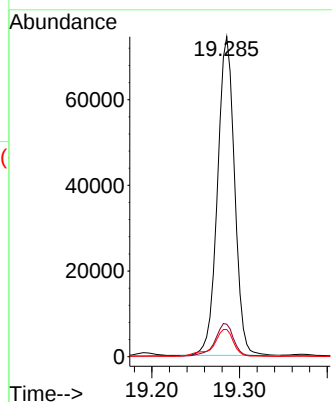
Instrument :
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Tgt Ion:202 Resp: 100921
Ion Ratio Lower Upper
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100 8.5 7.0 10.6

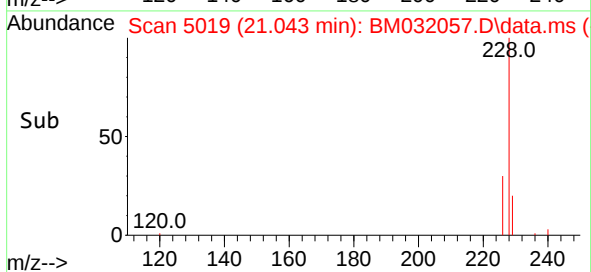
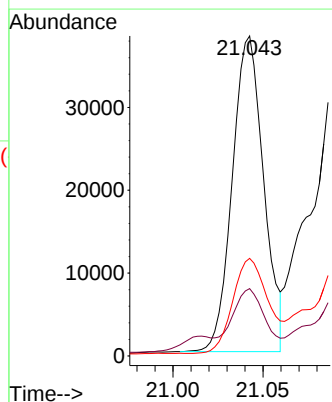
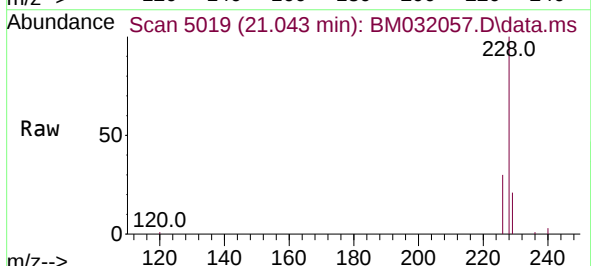
Manual Integrations
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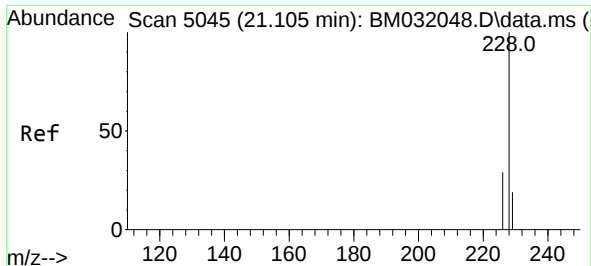
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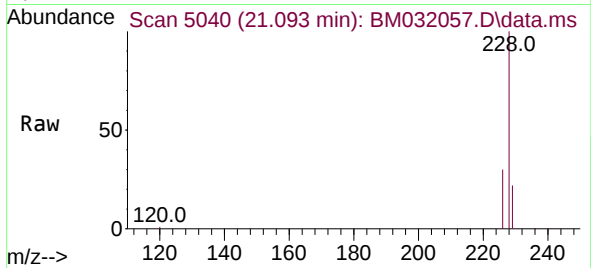
#21
Benzo(a)anthracene
Concen: 1.930 ng/ul
RT: 21.043 min Scan# 5019
Delta R.T. -0.017 min
Lab File: BM032057.D
Acq: 04 Sep 2021 01:56

Tgt Ion:228 Resp: 46130
Ion Ratio Lower Upper
228 100
229 21.0 17.1 25.7
226 30.5 23.1 34.7

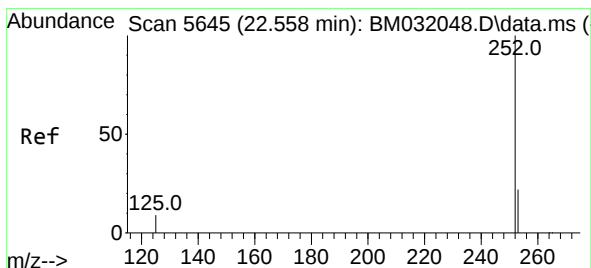
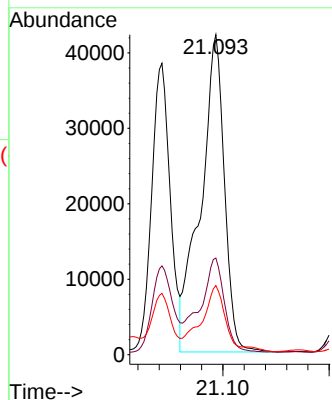
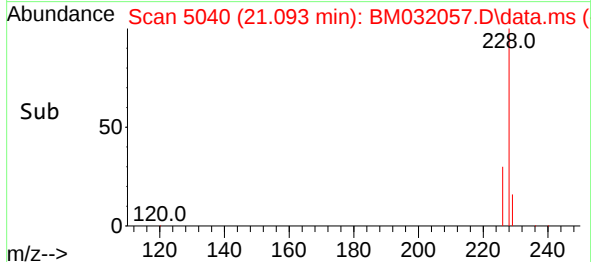




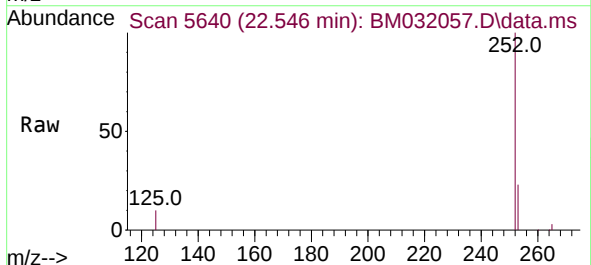
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Chrysene
Concen: 2.390 ng/ul
RT: 21.093 min Scan# 5040
Delta R.T. -0.017 min
Lab File: BM032057.D
Acq: 04 Sep 2021 01:56



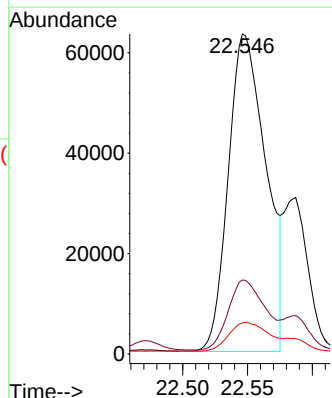
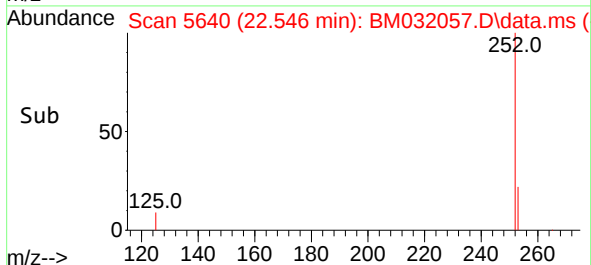
Tgt Ion:228 Resp: 65608
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 21.6 16.3 24.5



#24
Benzo(b)fluoranthene
Concen: 3.943 ng/ul m
RT: 22.546 min Scan# 5640
Delta R.T. -0.019 min
Lab File: BM032057.D
Acq: 04 Sep 2021 01:56



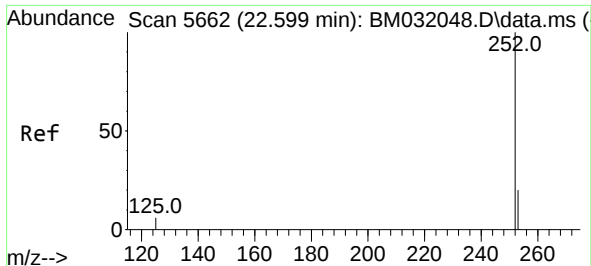
Tgt Ion:252 Resp: 127817
Ion Ratio Lower Upper
252 100
253 23.1 0.0 61.0
125 9.7 0.0 28.4



Instrument :
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ClientSampleId :
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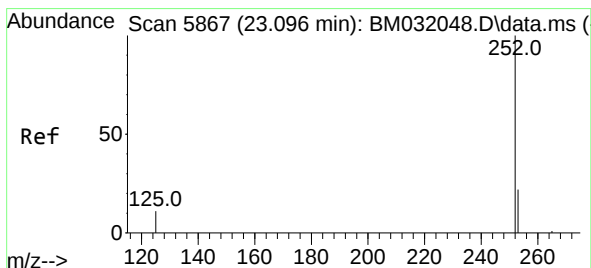
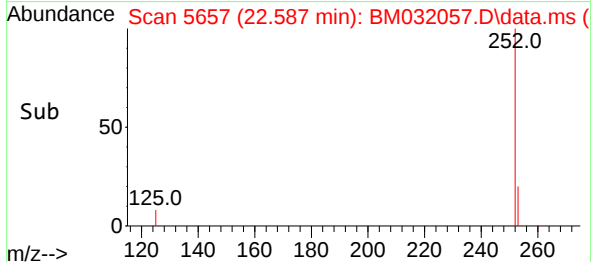
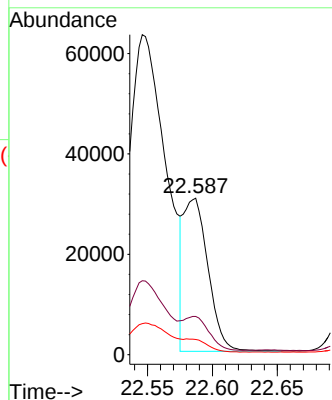
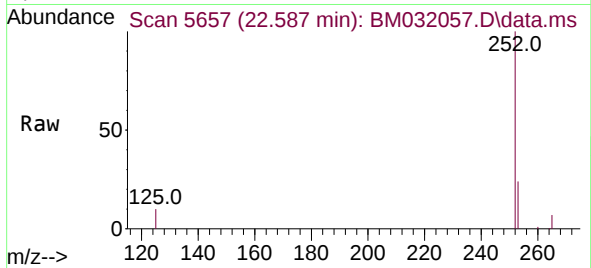
#25
Benzo(k)fluoranthene
Concen: 1.198 ng/ul m
RT: 22.587 min Scan# 5657
Delta R.T. -0.021 min
Lab File: BM032057.D
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	25.2	37.8#
125	9.7	11.0	16.4#

Instrument :
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ClientSampleId :
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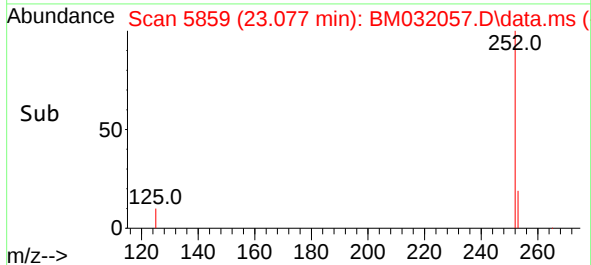
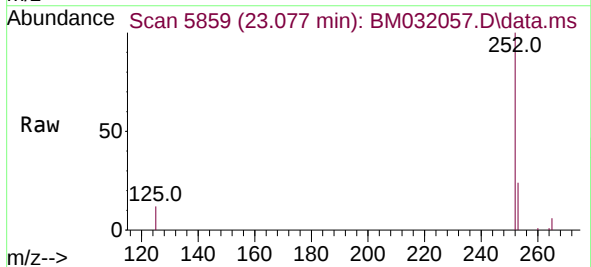
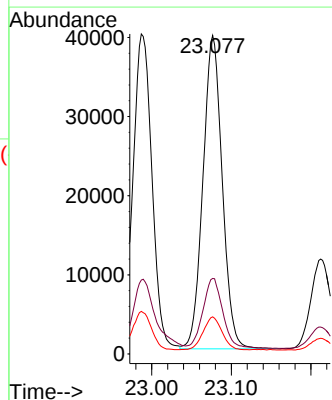
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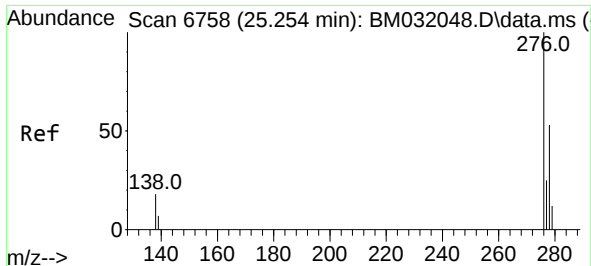
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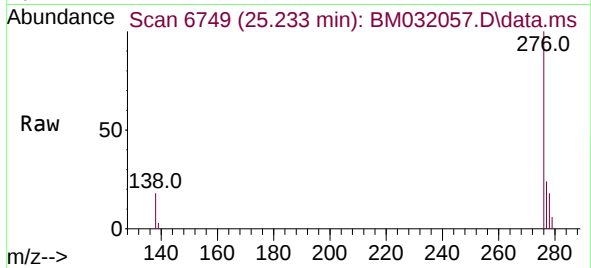
#26
Benzo(a)pyrene
Concen: 2.360 ng/ul
RT: 23.077 min Scan# 5859
Delta R.T. -0.029 min
Lab File: BM032057.D
Acq: 04 Sep 2021 01:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	28.8	43.2#
125	11.7	13.9	20.9#

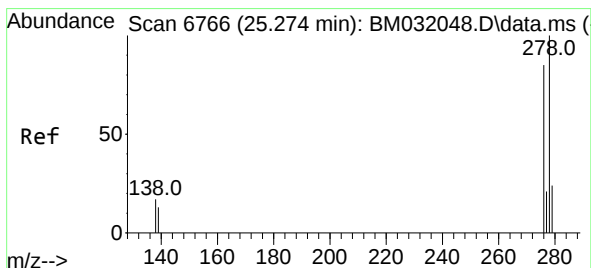
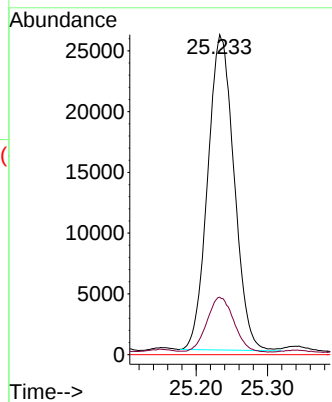
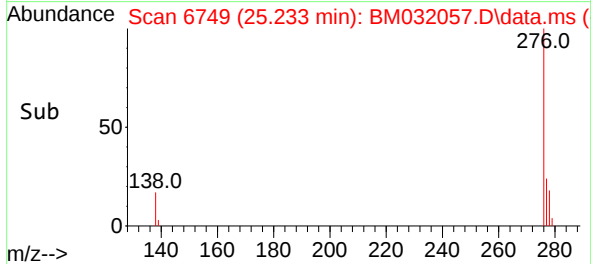




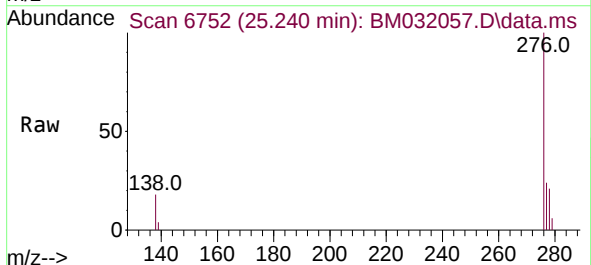
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.725 ng/ul
RT: 25.233 min Scan# 6749
Delta R.T. -0.038 min
Lab File: BM032057.D
Acq: 04 Sep 2021 01:56



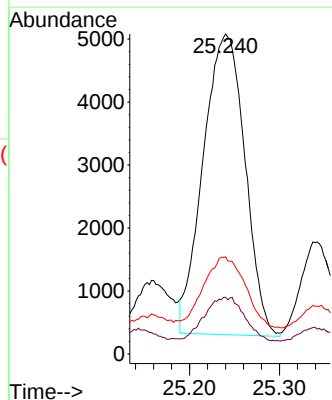
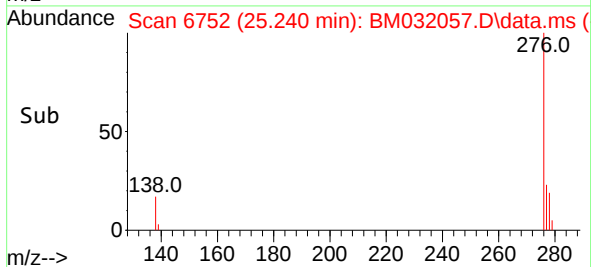
Tgt Ion: 276 Resp: 66586
Ion Ratio Lower Upper
276 100
138 17.9 14.1 21.1
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.496 ng/ul
RT: 25.240 min Scan# 6752
Delta R.T. -0.046 min
Lab File: BM032057.D
Acq: 04 Sep 2021 01:56



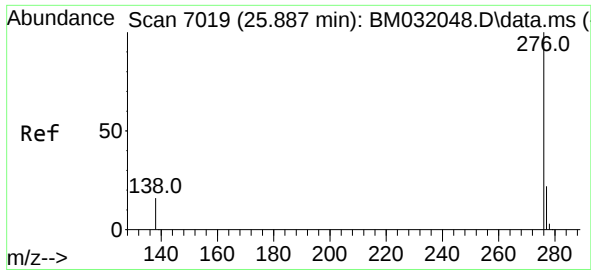
Tgt Ion: 278 Resp: 15385
Ion Ratio Lower Upper
278 100
139 17.7 13.4 20.0
279 30.3 27.2 40.8



Instrument :
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#29
Benzo(g,h,i)perylene
Concen: 1.642 ng/ul
RT: 25.863 min Scan# 7009
Delta R.T. -0.041 min
Lab File: BM032057.D
Acq: 04 Sep 2021 01:56

Tgt Ion:	276	Resp:	56409
Ion Ratio	Lower	Upper	
276	100		
138	18.3	14.5	21.7
277	24.2	21.2	31.8

Instrument :
BNA_M
ClientSampleId :
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