

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032086.D
 Acq On : 04 Sep 2021 20:56
 Operator : CG/JU
 Sample : M3518-04DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B08DL

Manual Integrations
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mohammad
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Quant Time: Sep 06 04:06:39 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	2044	0.400	ng/ul	0.00
4) Naphthalene-d8	10.208	136	6730	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.095	164	2403	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	16.851	188	5284	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.059	240	5613	0.400	ng/ul	#-0.01
23) Perylene-d12	23.171	264	6307	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.068	96	1840	0.820	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.809	152	384	0.037	ng/ul	-0.01
18) Fluoranthene-d10	18.892	212	635	0.039	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	2405	0.135	ng/ul	99
7) 2-Methylnaphthalene	11.885	142	1293	0.104	ng/ul	96
8) 1-Methylnaphthalene	12.106	142	1017	0.083	ng/ul	93
10) Acenaphthylene	13.815	152	1445	0.149	ng/ul#	91
11) Acenaphthene	14.159	153	168	0.021	ng/ul#	77
12) Fluorene	15.152	166	397	0.043	ng/ul#	92
15) Phenanthrene	16.893	178	6675	0.415	ng/ul	99
16) Anthracene	16.987	178	1350	0.096	ng/ul#	89
19) Fluoranthene	18.923	202	12845	0.529	ng/ul	97
20) Pyrene	19.285	202	13215	0.529	ng/ul	97
21) Benzo(a)anthracene	21.042	228	7676	0.374	ng/ul	98
22) Chrysene	21.095	228	8894	0.378	ng/ul	95
24) Benzo(b)fluoranthene	22.550	252	16580m	0.572	ng/ul	
25) Benzo(k)fluoranthene	22.587	252	5706m	0.191	ng/ul	
26) Benzo(a)pyrene	23.079	252	11586	0.457	ng/ul	90
27) Indeno(1,2,3-cd)pyrene	25.240	276	8768	0.254	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.240	278	2571	0.093	ng/ul#	65
29) Benzo(g,h,i)perylene	25.870	276	8713	0.284	ng/ul#	92

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

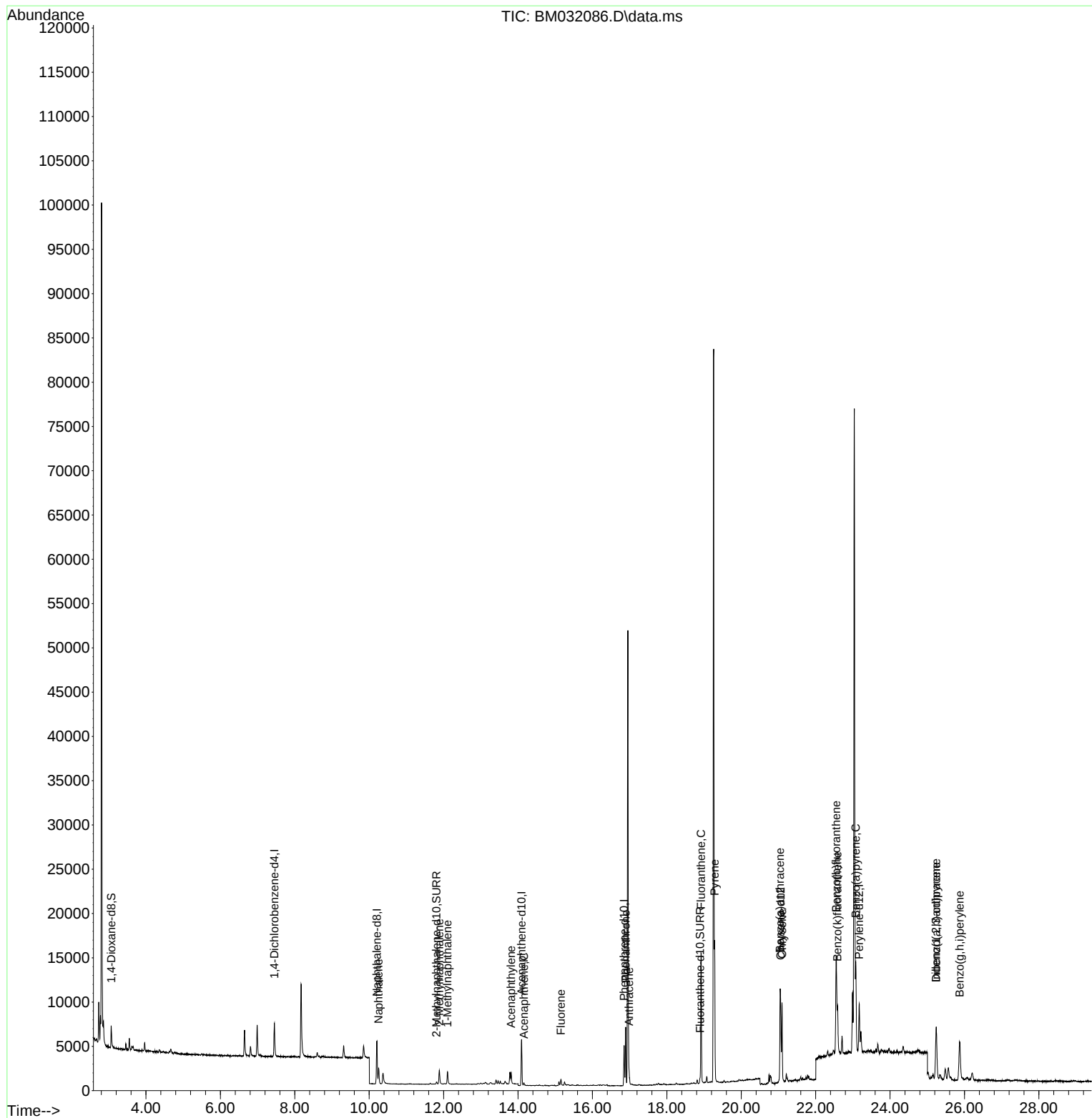
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
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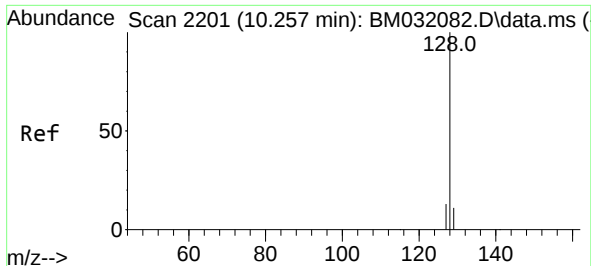
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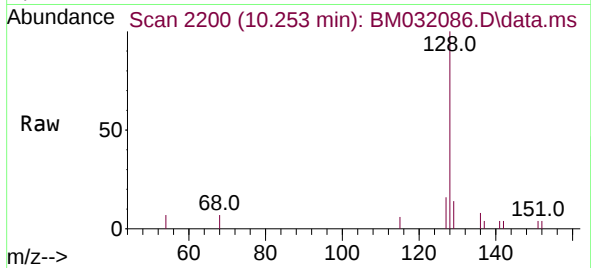
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
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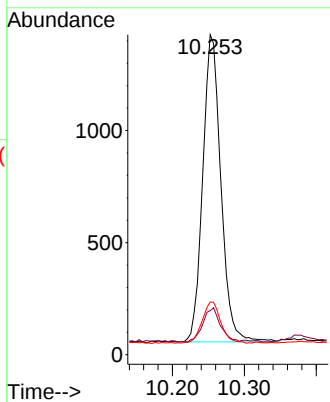
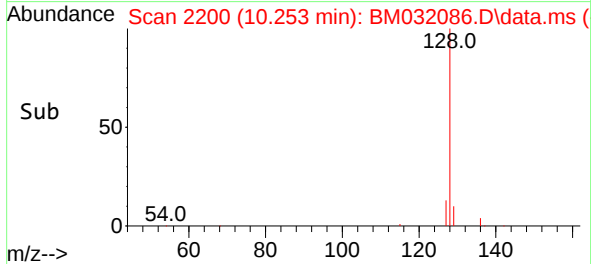




#5
Naphthalene
Concen: 0.135 ng/ul
RT: 10.253 min Scan# 2200
Delta R.T. -0.018 min
Lab File: BM032086.D
Acq: 04 Sep 2021 20:56



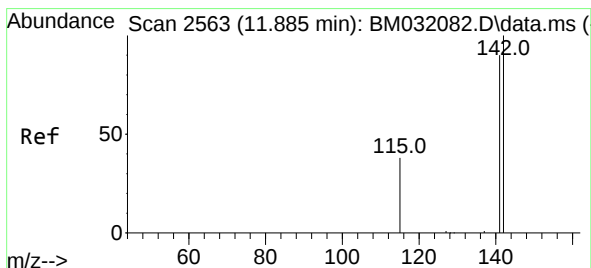
Tgt Ion:	128	Resp:	2405
Ion Ratio	Lower	Upper	
128	100		
129	13.7	10.9	16.3
127	16.5	12.4	18.6



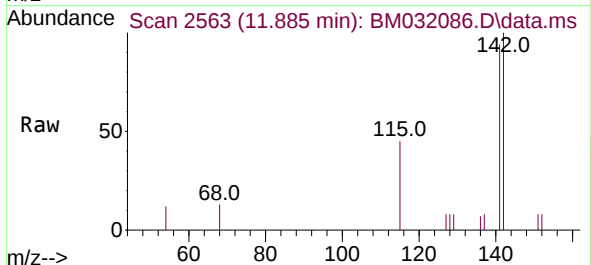
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ClientSampleId :
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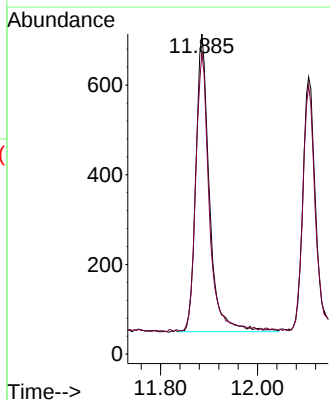
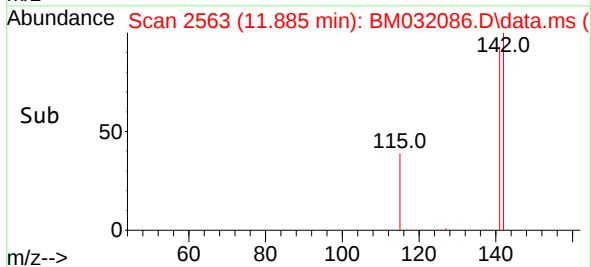
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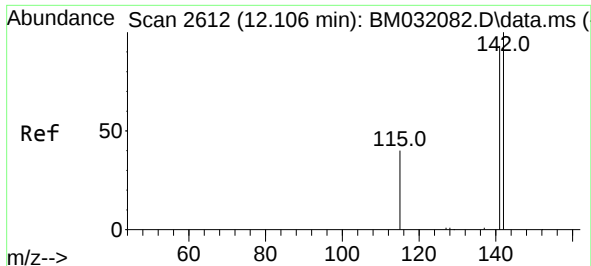


#7
2-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 11.885 min Scan# 2563
Delta R.T. -0.014 min
Lab File: BM032086.D
Acq: 04 Sep 2021 20:56



Tgt Ion:	142	Resp:	1293
Ion Ratio	Lower	Upper	
142	100		
141	92.0	70.3	105.5





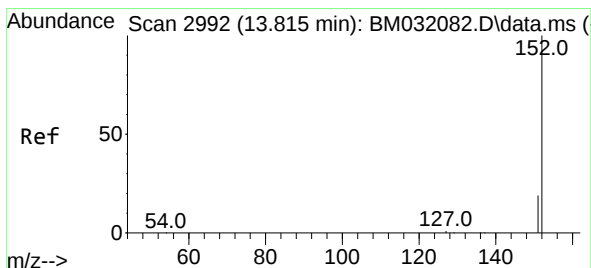
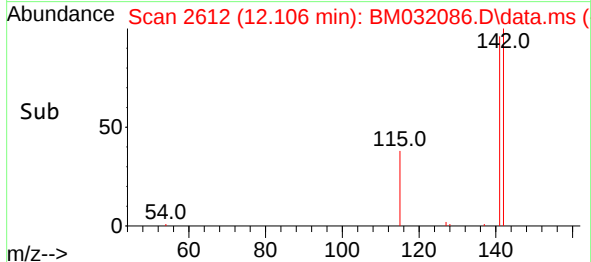
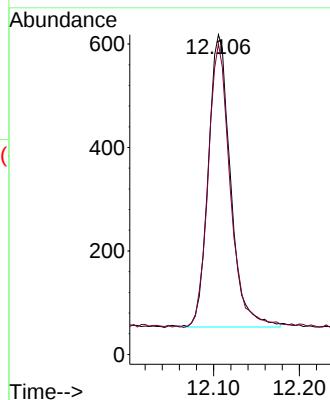
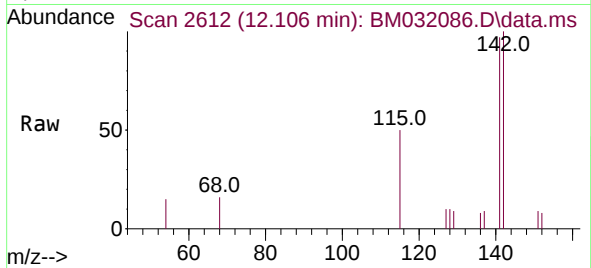
#8
1-Methylnaphthalene
Concen: 0.083 ng/ul
RT: 12.106 min Scan# 2612
Delta R.T. -0.009 min
Lab File: BM032086.D
Acq: 04 Sep 2021 20:56

Tgt Ion:142 Resp: 1017
Ion Ratio Lower Upper
142 100
141 97.1 72.2 108.2

Instrument :
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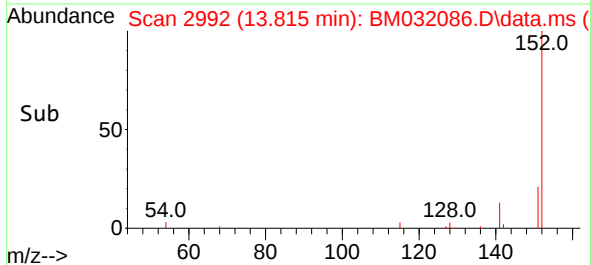
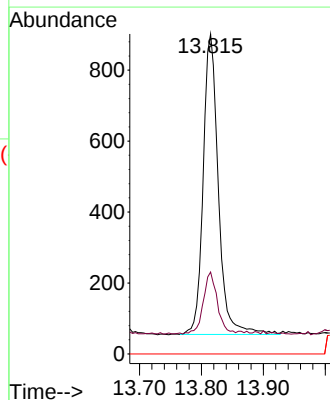
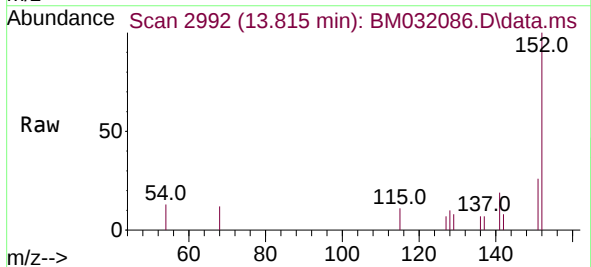
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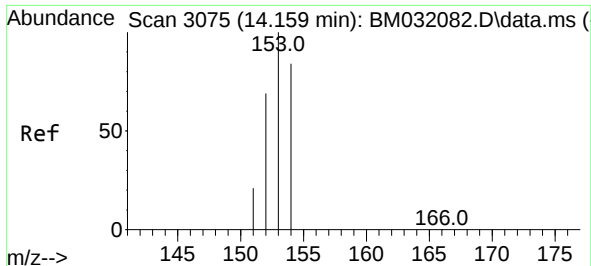
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#10
Acenaphthylene
Concen: 0.149 ng/ul
RT: 13.815 min Scan# 2992
Delta R.T. -0.009 min
Lab File: BM032086.D
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Tgt Ion:152 Resp: 1445
Ion Ratio Lower Upper
152 100
151 25.6 17.0 25.4#
153 0.0 0.0 0.0





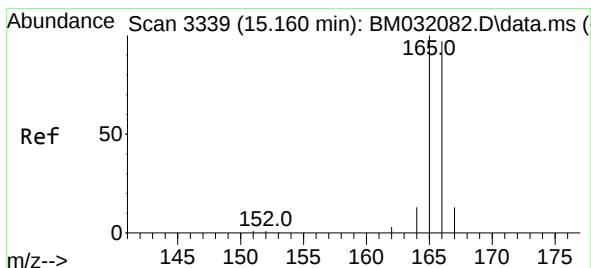
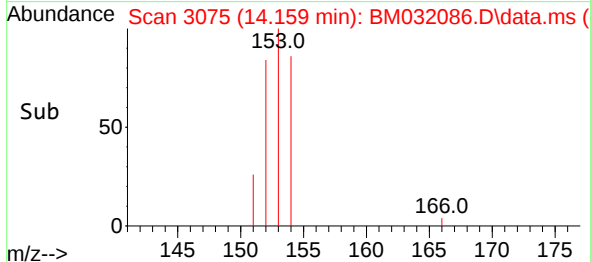
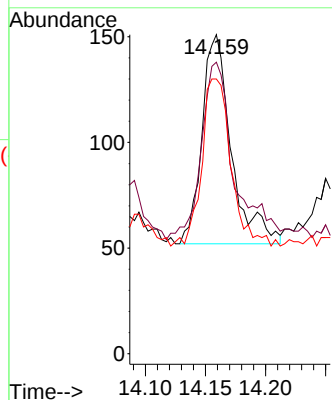
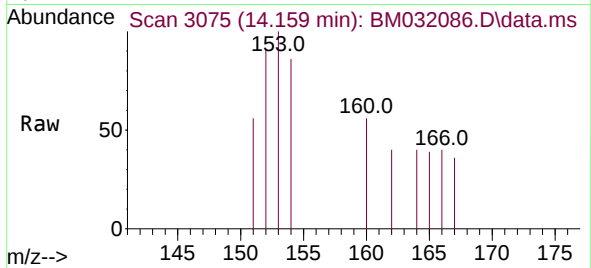
#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.159 min Scan# 3075
Delta R.T. -0.008 min
Lab File: BM032086.D
Acq: 04 Sep 2021 20:56

Tgt Ion:153 Resp: 168
Ion Ratio Lower Upper
153 100
152 91.4 41.0 61.4#
154 86.1 70.5 105.7

Instrument :
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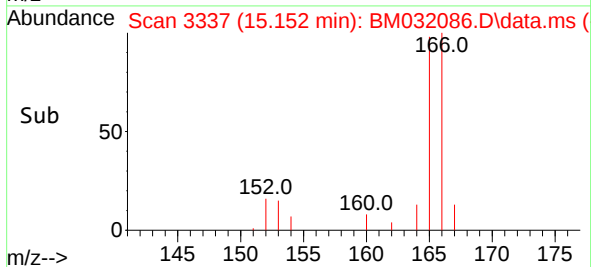
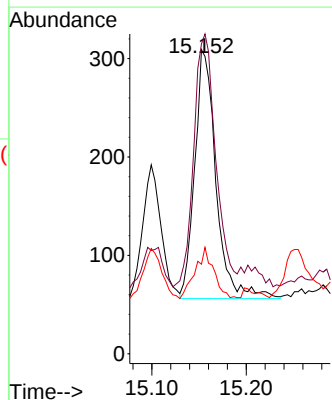
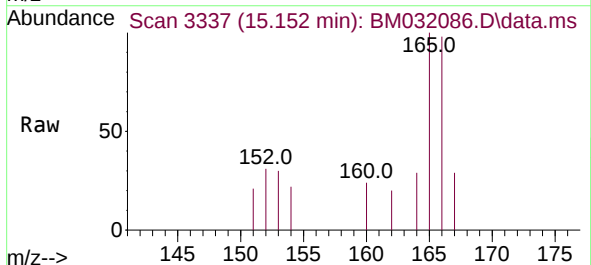
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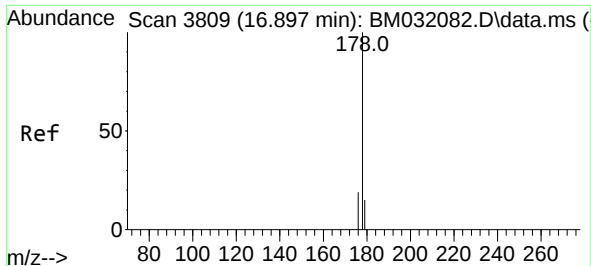
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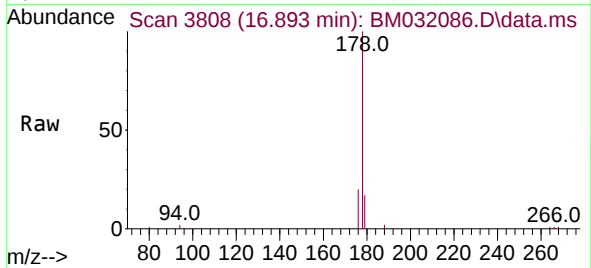
#12
Fluorene
Concen: 0.043 ng/ul
RT: 15.152 min Scan# 3337
Delta R.T. -0.019 min
Lab File: BM032086.D
Acq: 04 Sep 2021 20:56

Tgt Ion:166 Resp: 397
Ion Ratio Lower Upper
166 100
165 101.9 78.3 117.5
167 29.4 12.5 18.7#

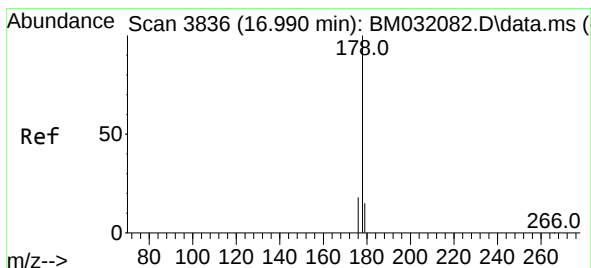
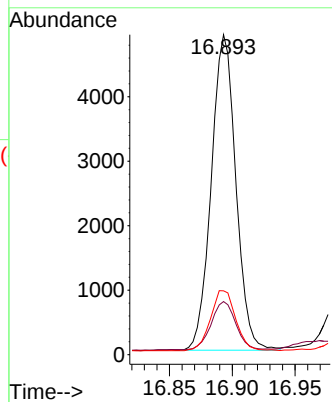
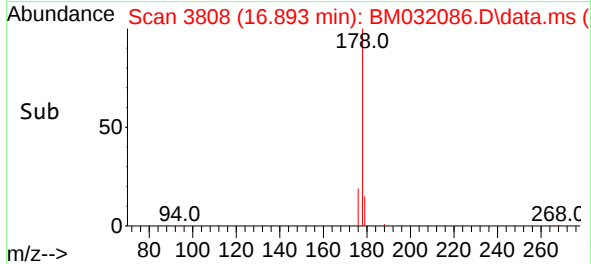




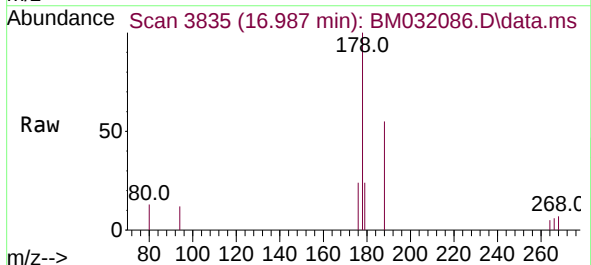
#15
Phenanthrene
Concen: 0.415 ng/ul
RT: 16.893 min Scan# 3808
Delta R.T. -0.014 min
Lab File: BM032086.D
Acq: 04 Sep 2021 20:56



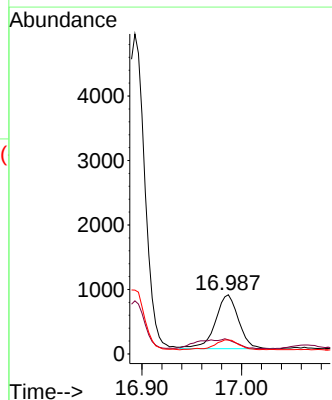
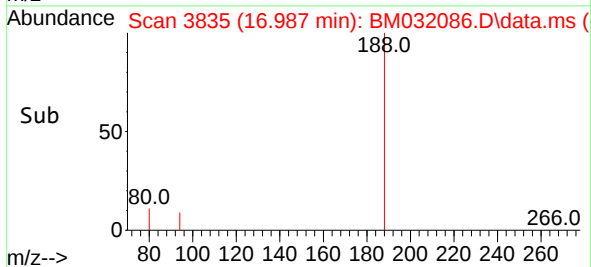
Tgt Ion:178 Resp: 6675
Ion Ratio Lower Upper
178 100
179 16.6 13.3 19.9
176 19.9 16.7 25.1



#16
Anthracene
Concen: 0.096 ng/ul
RT: 16.987 min Scan# 3835
Delta R.T. -0.021 min
Lab File: BM032086.D
Acq: 04 Sep 2021 20:56



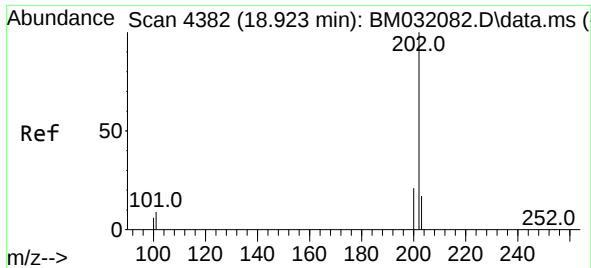
Tgt Ion:178 Resp: 1350
Ion Ratio Lower Upper
178 100
179 23.7 14.3 21.5#
176 23.6 15.8 23.8



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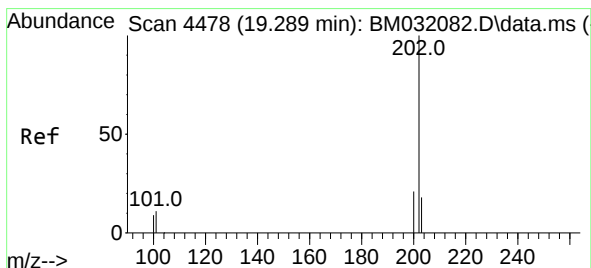
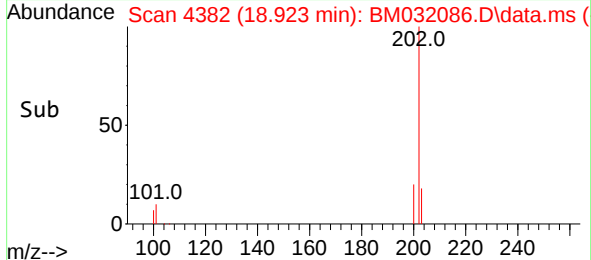
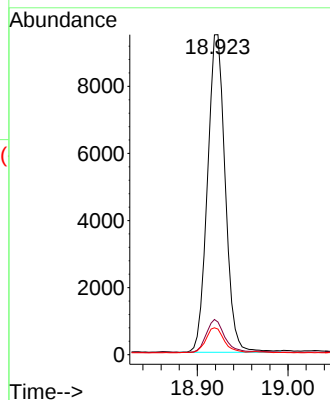
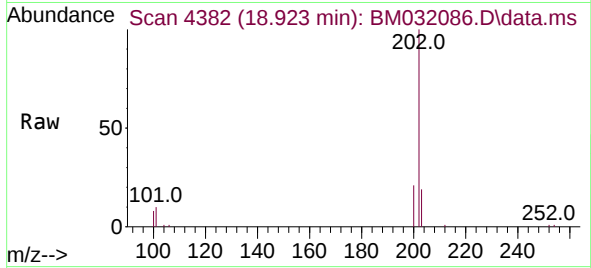
#19
Fluoranthene
Concen: 0.529 ng/ul
RT: 18.923 min Scan# 4382
Delta R.T. -0.011 min
Lab File: BM032086.D
Acq: 04 Sep 2021 20:56

Tgt Ion:	202	Resp:	12845
Ion Ratio	Lower	Upper	
202	100		
101	10.2	7.2	10.8
100	8.0	5.8	8.6

Instrument :
BNA_M
ClientSampleId :
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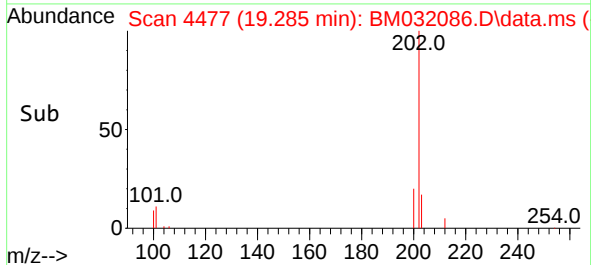
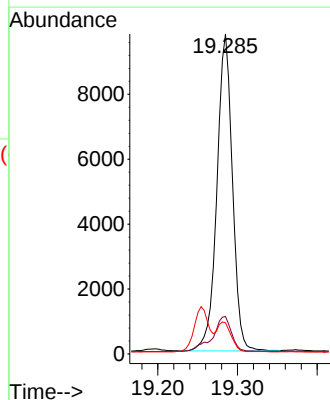
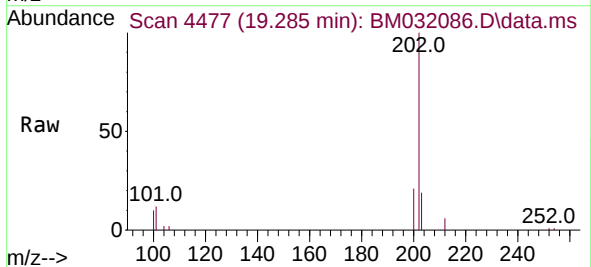
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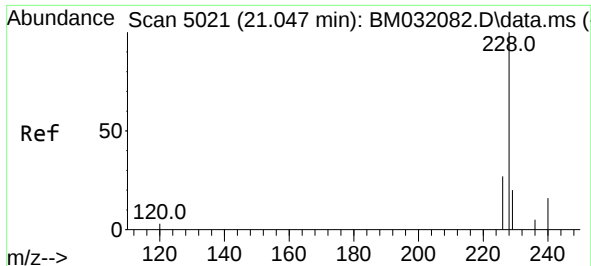
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#20
Pyrene
Concen: 0.529 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. -0.015 min
Lab File: BM032086.D
Acq: 04 Sep 2021 20:56

Tgt Ion:	202	Resp:	13215
Ion Ratio	Lower	Upper	
202	100		
101	11.7	8.2	12.4
100	9.7	7.0	10.6





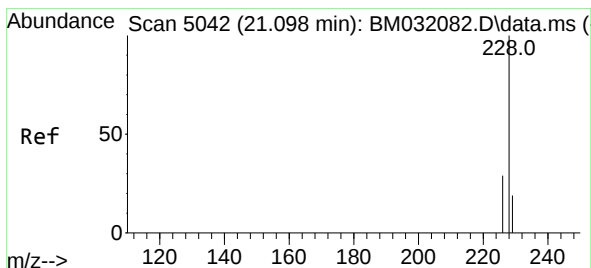
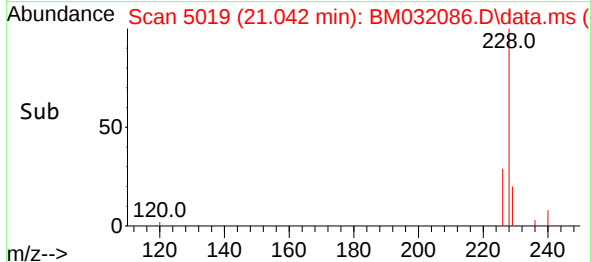
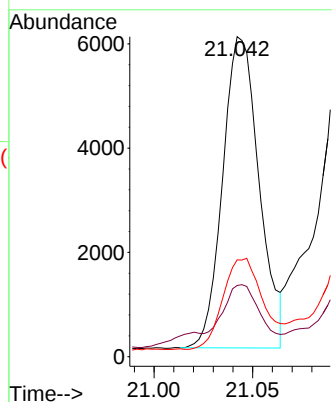
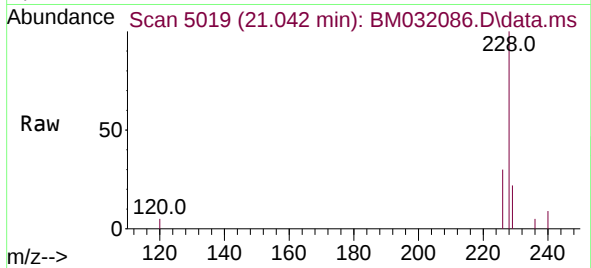
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Benzo(a)anthracene
Concen: 0.374 ng/ul
RT: 21.042 min Scan# 5019
Delta R.T. -0.017 min
Lab File: BM032086.D
Acq: 04 Sep 2021 20:56

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.3	17.1	25.7
226	30.3	23.1	34.7

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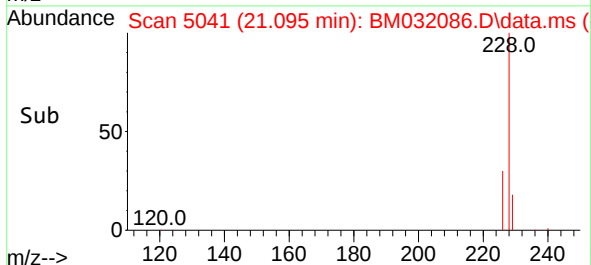
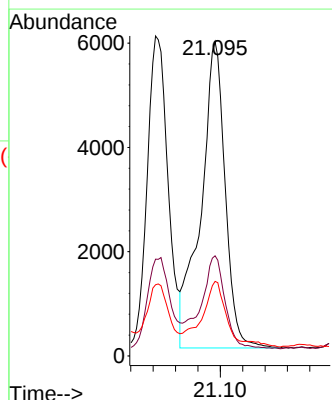
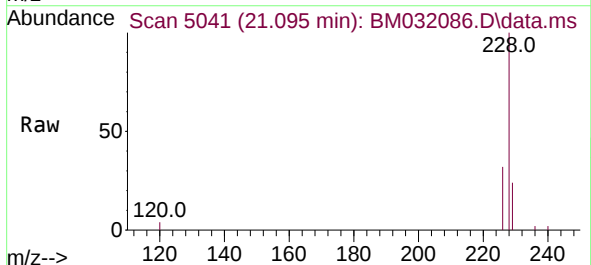
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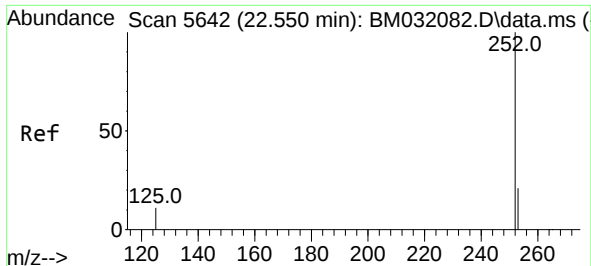
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#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.095 min Scan# 5041
Delta R.T. -0.015 min
Lab File: BM032086.D
Acq: 04 Sep 2021 20:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.2	36.2
229	23.7	16.3	24.5





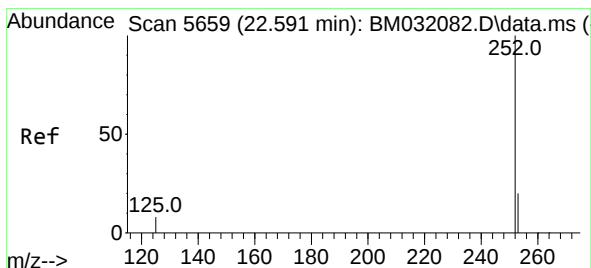
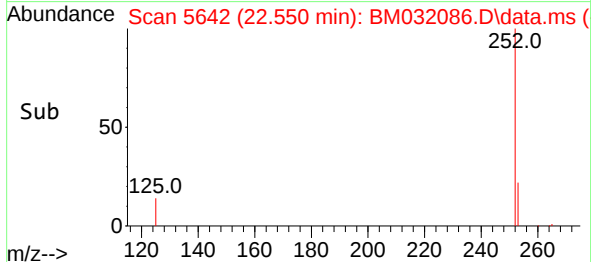
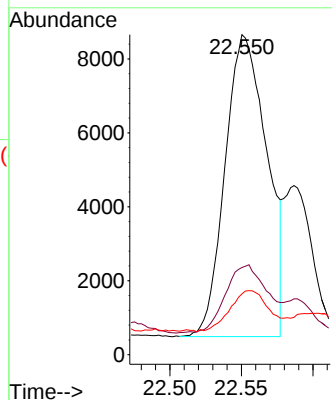
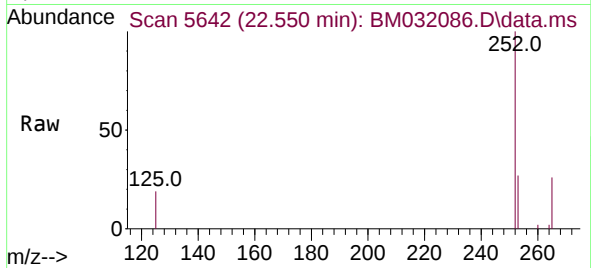
#24
Benzo(b)fluoranthene
Concen: 0.572 ng/ul m
RT: 22.550 min Scan# 5642
Delta R.T. -0.015 min
Lab File: BM032086.D
Acq: 04 Sep 2021 20:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	0.0	61.0
125	19.0	0.0	28.4

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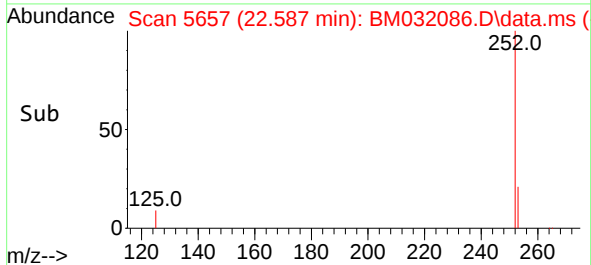
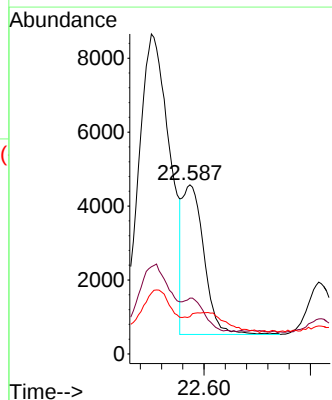
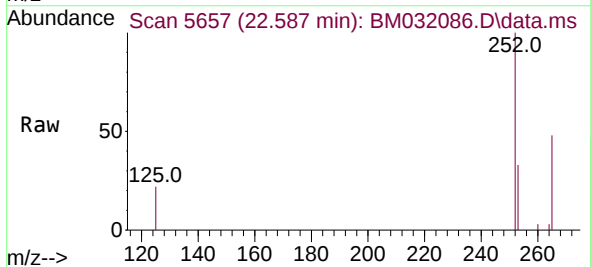
Manual Integrations
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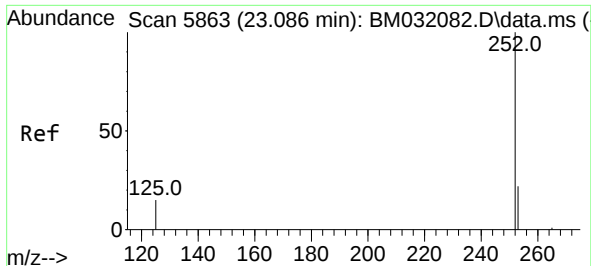
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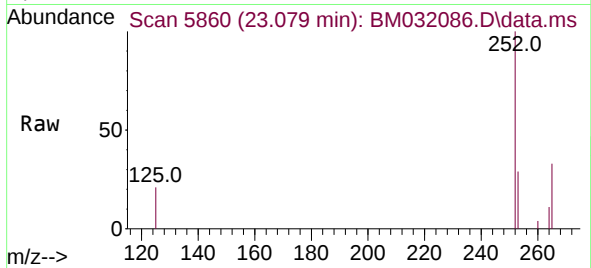
#25
Benzo(k)fluoranthene
Concen: 0.191 ng/ul m
RT: 22.587 min Scan# 5657
Delta R.T. -0.022 min
Lab File: BM032086.D
Acq: 04 Sep 2021 20:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.0	25.2	37.8
125	22.0	11.0	16.4

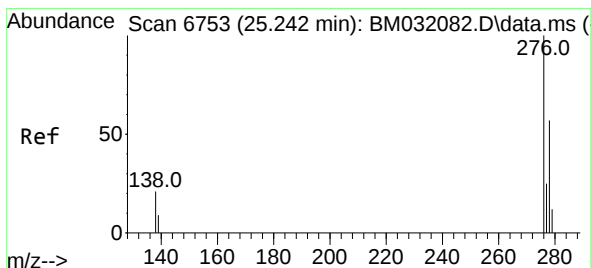
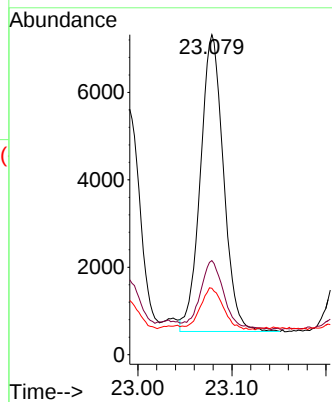
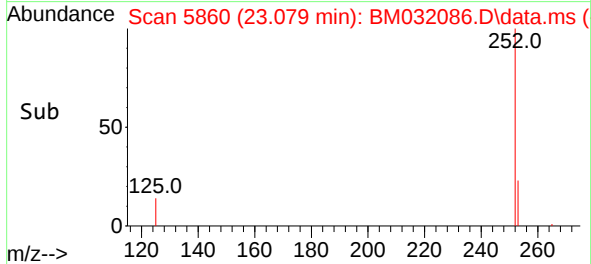




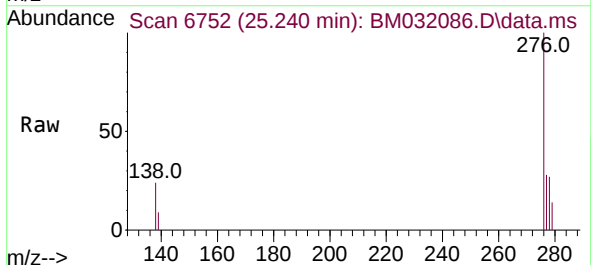
#26
Benzo(a)pyrene
Concen: 0.457 ng/ul
RT: 23.079 min Scan# 5860
Delta R.T. -0.027 min
Lab File: BM032086.D
Acq: 04 Sep 2021 20:56



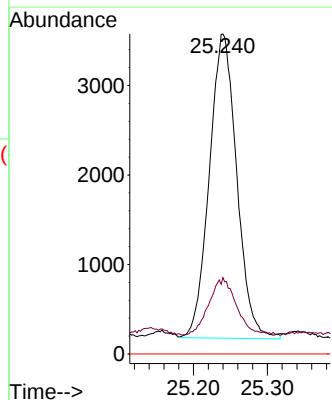
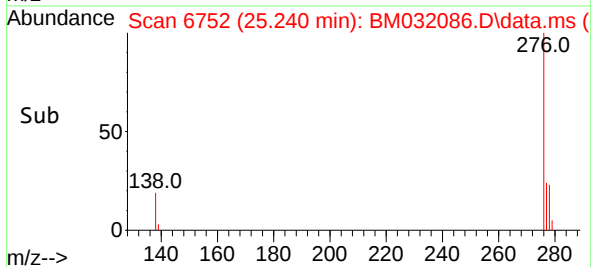
Tgt Ion:252 Resp: 11586
Ion Ratio Lower Upper
252 100
253 29.4 28.8 43.2
125 20.8 13.9 20.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.254 ng/ul
RT: 25.240 min Scan# 6752
Delta R.T. -0.032 min
Lab File: BM032086.D
Acq: 04 Sep 2021 20:56



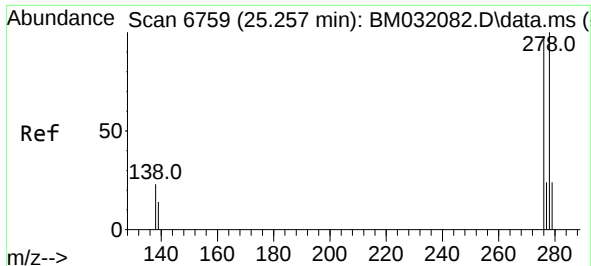
Tgt Ion:276 Resp: 8768
Ion Ratio Lower Upper
276 100
138 18.6 14.1 21.1
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleId :
C0B08DL

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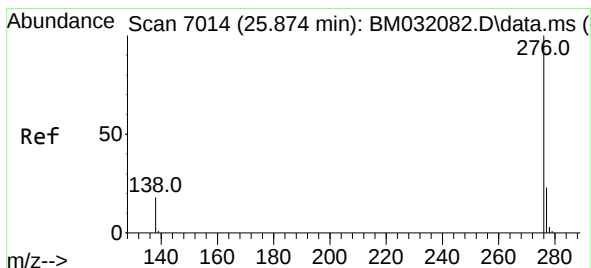
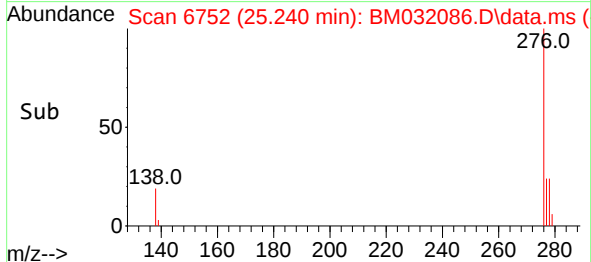
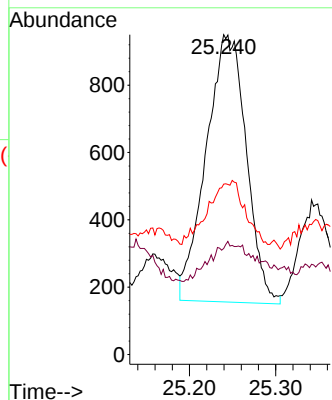
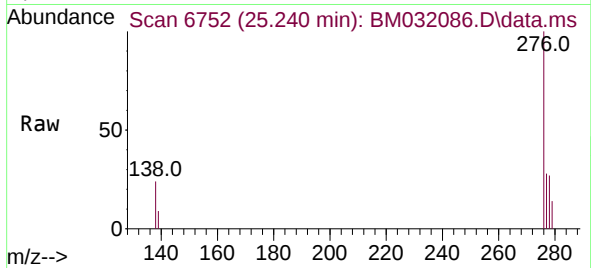
#28
Dibenzo(a,h)anthracene
Concen: 0.093 ng/ul
RT: 25.240 min Scan# 6752
Delta R.T. -0.046 min
Lab File: BM032086.D
Acq: 04 Sep 2021 20:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.2	13.4	20.0#
279	53.3	27.2	40.8#

Instrument :
BNA_M
ClientSampled :
C0B08DL

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#29
Benzo(g,h,i)perylene
Concen: 0.284 ng/ul
RT: 25.870 min Scan# 7012
Delta R.T. -0.034 min
Lab File: BM032086.D
Acq: 04 Sep 2021 20:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	14.5	21.7#
277	28.3	21.2	31.8

