

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032046.D
 Acq On : 03 Sep 2021 18:32
 Operator : CG/JU
 Sample : M3486-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AR6

Manual Integrations
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mohammad
 9/7/2021 11:37:15 AM

Quant Time: Sep 04 00:41:51 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	7.455	152	1203	0.400	ng/ul	0.00
4) Naphthalene-d8	10.212	136	4316	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.098	164	2928	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.855	188	5868	0.400	ng/ul	-0.01
17) Chrysene-d12	21.062	240	5632	0.400	ng/ul	-0.01
23) Perylene-d12	23.175	264	5945	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	5109	3.867	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.818	152	1417	0.212	ng/ul	0.00
18) Fluoranthene-d10	18.892	212	3592	0.218	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.257	128	3287	0.287	ng/ul	99
7) 2-Methylnaphthalene	11.890	142	2338	0.293	ng/ul	97
8) 1-Methylnaphthalene	12.110	142	1971	0.251	ng/ul	96
10) Acenaphthylene	13.819	152	3969	0.336	ng/ul	99
11) Acenaphthene	14.163	153	291	0.030	ng/ul#	87
12) Fluorene	15.160	166	1033	0.092	ng/ul#	94
14) Pentachlorophenol	16.542	266	35	0.023	ng/ul	99
15) Phenanthrene	16.896	178	39159	2.193	ng/ul	96
16) Anthracene	16.990	178	3434	0.219	ng/ul	96
19) Fluoranthene	18.923	202	71786	2.949	ng/ul	96
20) Pyrene	19.285	202	62843	2.505	ng/ul	97
21) Benzo(a)anthracene	21.047	228	22274	1.083	ng/ul	97
22) Chrysene	21.098	228	34043	1.441	ng/ul	99
24) Benzo(b)fluoranthene	22.553	252	52961m	1.938	ng/ul	
25) Benzo(k)fluoranthene	22.589	252	19880m	0.705	ng/ul	
26) Benzo(a)pyrene	23.083	252	29712	1.244	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.247	276	29307	0.901	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.254	278	6313	0.241	ng/ul	97
29) Benzo(g,h,i)perylene	25.875	276	24014	0.829	ng/ul	97

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

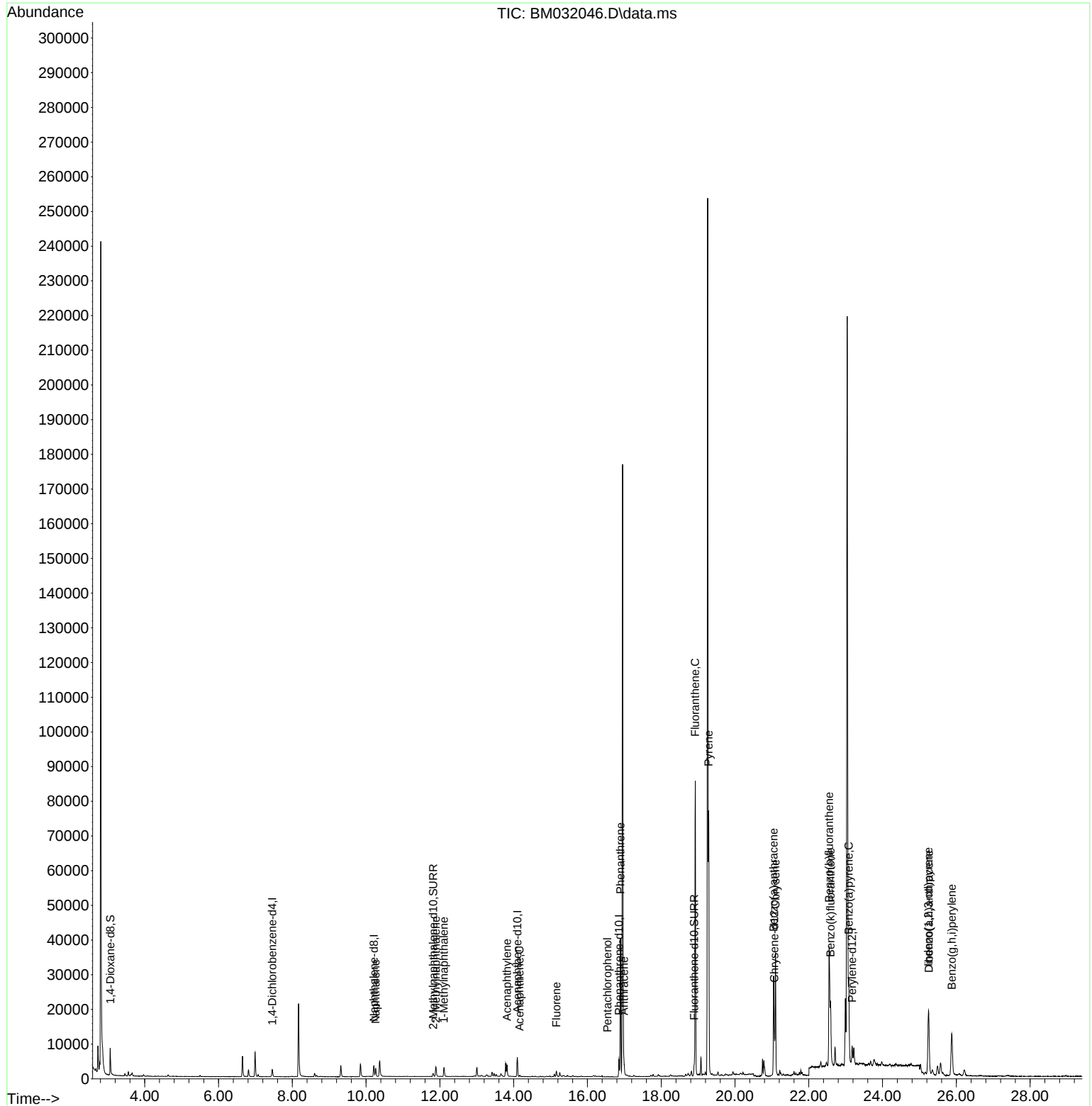
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
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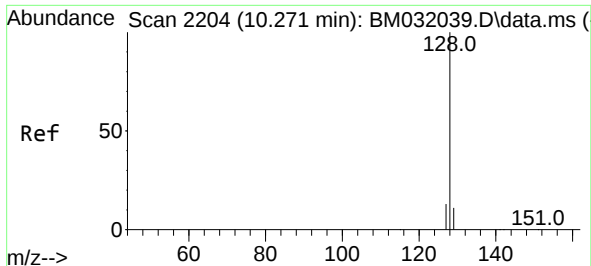
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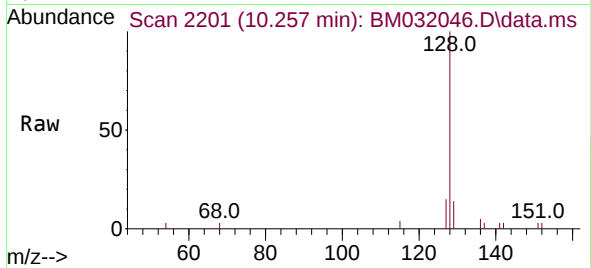
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Quant Time: Sep 04 00:41:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
Response via : Initial Calibration

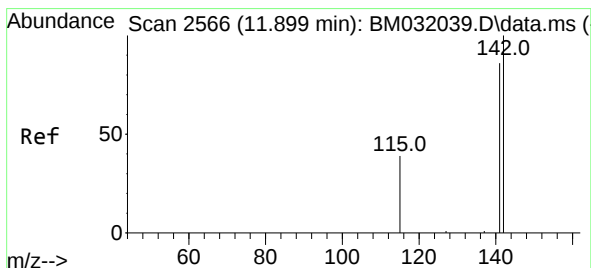
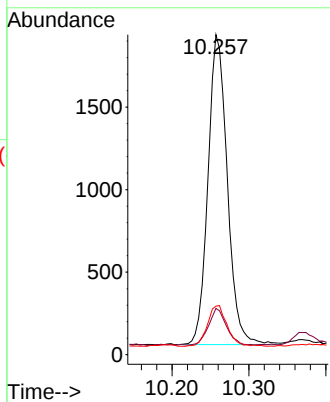
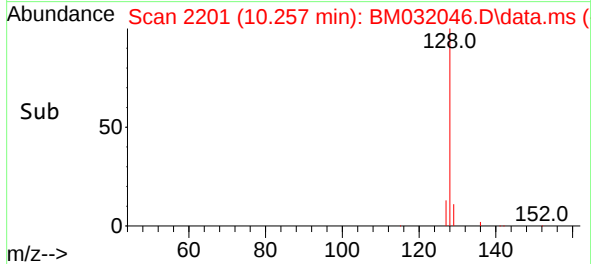




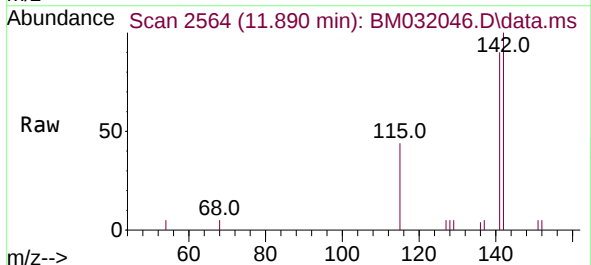
#5
Naphthalene
Concen: 0.287 ng/ul
RT: 10.257 min Scan# 2201
Delta R.T. -0.014 min
Lab File: BM032046.D
Acq: 03 Sep 2021 18:32



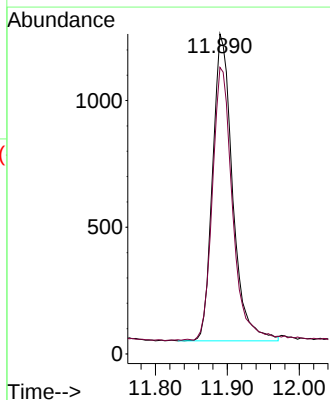
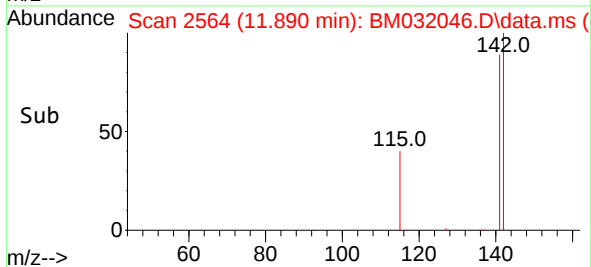
Tgt Ion:	128	Resp:	3287
Ion Ratio	Lower	Upper	
128	100		
129	14.4	10.9	16.3
127	15.2	12.4	18.6



#7
2-Methylnaphthalene
Concen: 0.293 ng/ul
RT: 11.890 min Scan# 2564
Delta R.T. -0.009 min
Lab File: BM032046.D
Acq: 03 Sep 2021 18:32



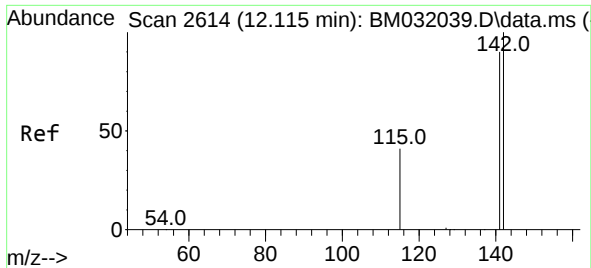
Tgt Ion:	142	Resp:	2338
Ion Ratio	Lower	Upper	
142	100		
141	91.1	70.3	105.5



Instrument :
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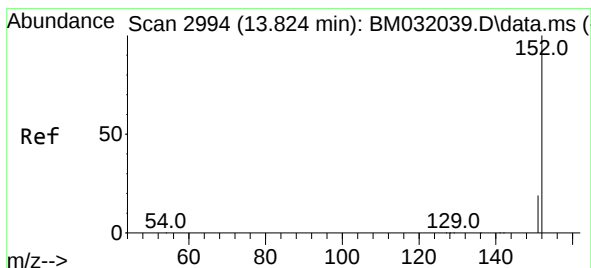
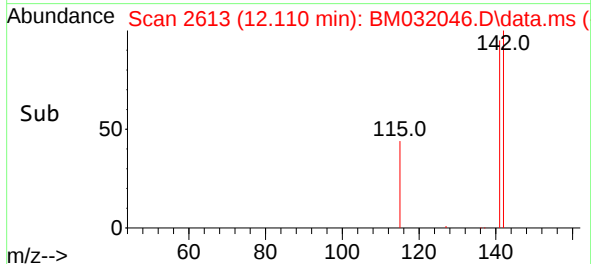
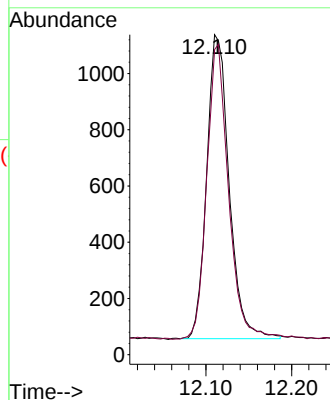
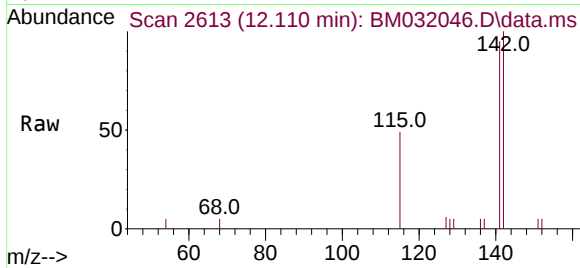
#8
1-Methylnaphthalene
Concen: 0.251 ng/ul
RT: 12.110 min Scan# 2613
Delta R.T. -0.005 min
Lab File: BM032046.D
Acq: 03 Sep 2021 18:32

Tgt Ion:142 Resp: 1971
Ion Ratio Lower Upper
142 100
141 94.1 72.2 108.2

Instrument :
BNA_M
ClientSampled :
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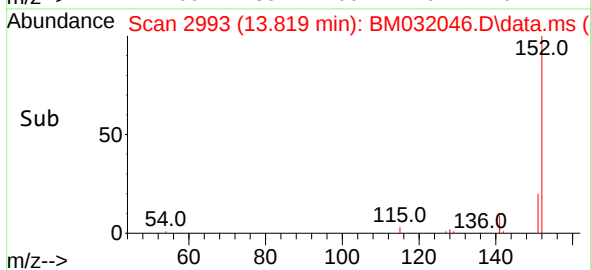
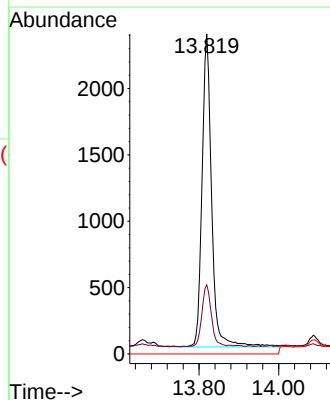
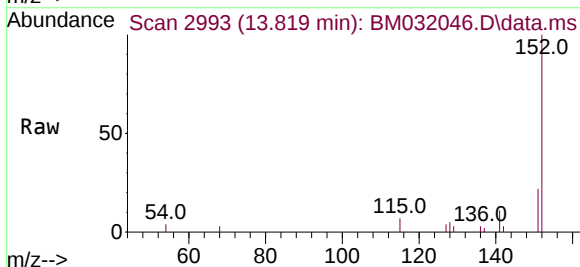
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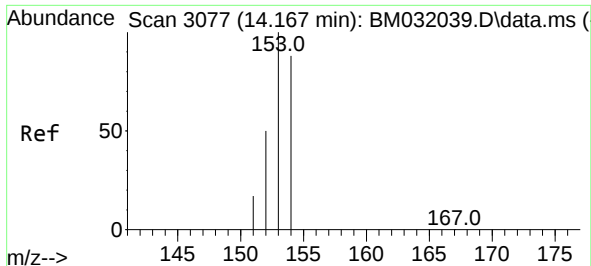
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#10
Acenaphthylene
Concen: 0.336 ng/ul
RT: 13.819 min Scan# 2993
Delta R.T. -0.005 min
Lab File: BM032046.D
Acq: 03 Sep 2021 18:32

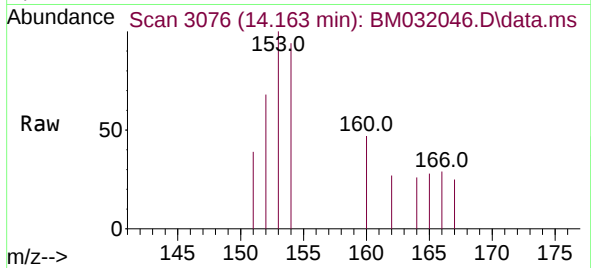
Tgt Ion:152 Resp: 3969
Ion Ratio Lower Upper
152 100
151 21.6 17.0 25.4
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.163 min Scan# 3076
Delta R.T. -0.004 min
Lab File: BM032046.D
Acq: 03 Sep 2021 18:32

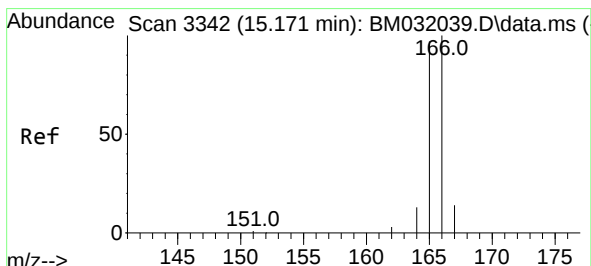
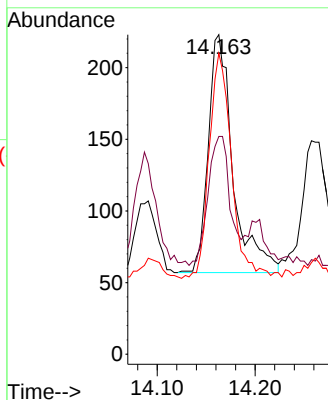
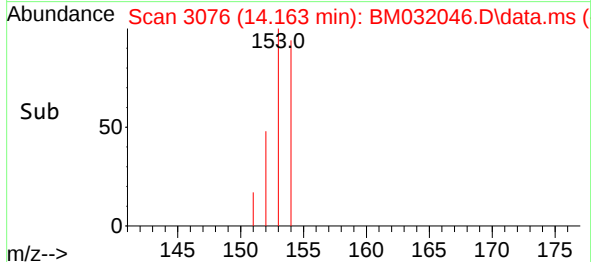
Instrument :
BNA_M
ClientSampled :
C0AR6



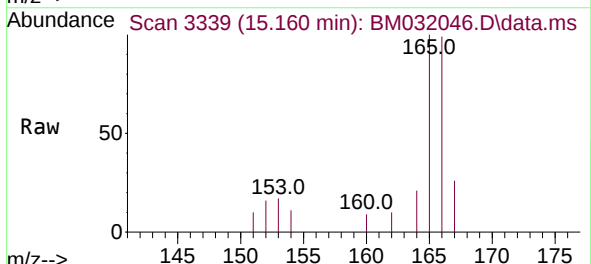
Tgt Ion:153 Resp: 291
Ion Ratio Lower Upper
153 100
152 68.2 41.0 61.4#
154 94.2 70.5 105.7

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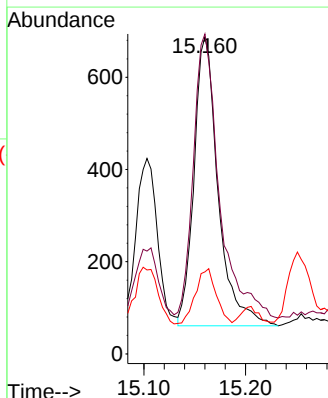
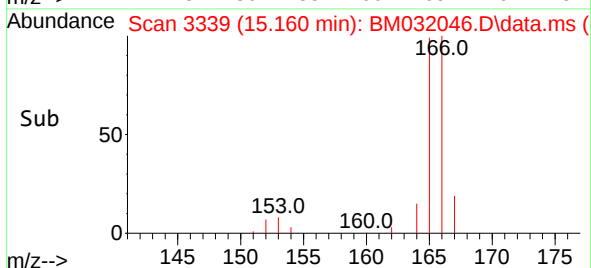
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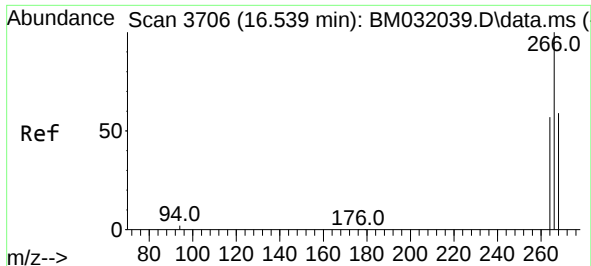


#12
Fluorene
Concen: 0.092 ng/ul
RT: 15.160 min Scan# 3339
Delta R.T. -0.011 min
Lab File: BM032046.D
Acq: 03 Sep 2021 18:32



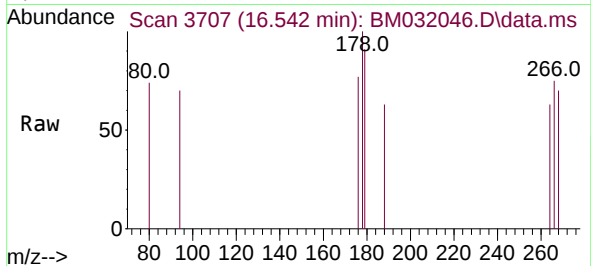
Tgt Ion:166 Resp: 1033
Ion Ratio Lower Upper
166 100
165 101.0 78.3 117.5
167 25.9 12.5 18.7#





#14
 Pentachlorophenol
 Concen: 0.023 ng/ul
 RT: 16.542 min Scan# 3707
 Delta R.T. 0.003 min
 Lab File: BM032046.D
 Acq: 03 Sep 2021 18:32

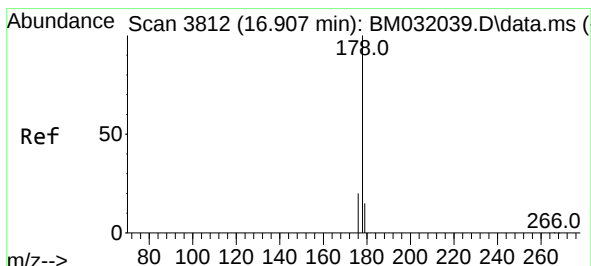
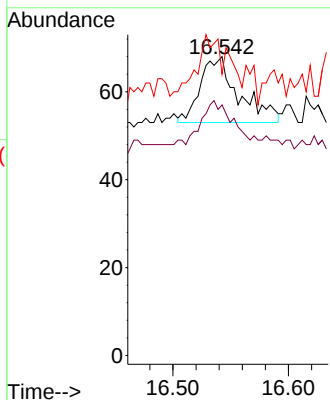
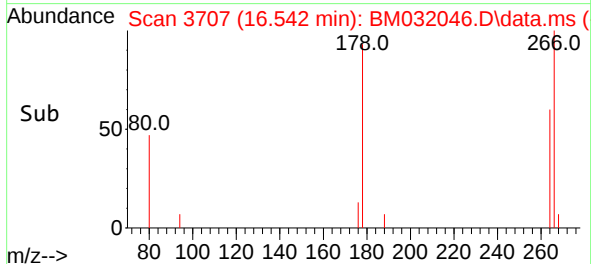
Instrument :
 BNA_M
 ClientSampled :
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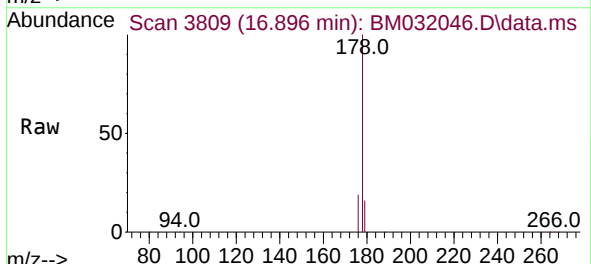
Tgt Ion:266 Resp: 35
 Ion Ratio Lower Upper
 266 100
 264 54.3 44.3 66.5
 268 62.9 49.4 74.2

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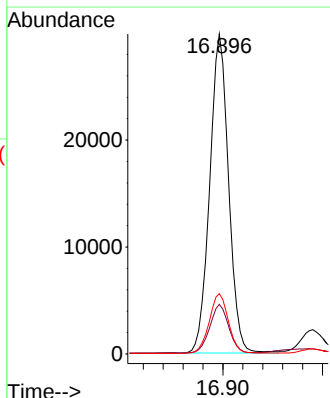
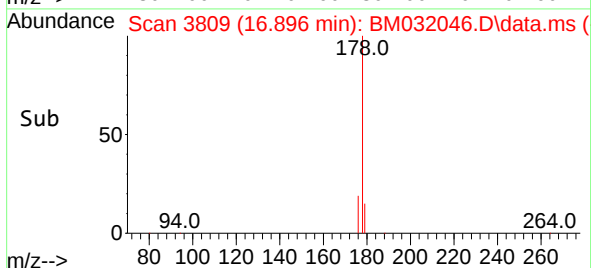
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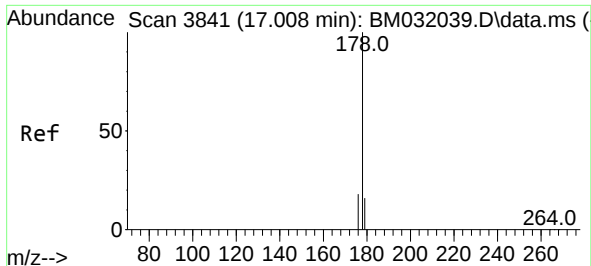


#15
 Phenanthrene
 Concen: 2.193 ng/ul
 RT: 16.896 min Scan# 3809
 Delta R.T. -0.010 min
 Lab File: BM032046.D
 Acq: 03 Sep 2021 18:32



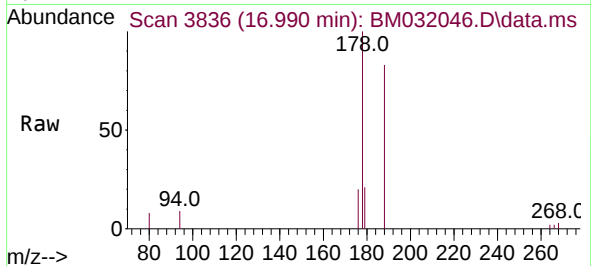
Tgt Ion:178 Resp: 39159
 Ion Ratio Lower Upper
 178 100
 179 15.5 13.3 19.9
 176 18.8 16.7 25.1





#16
 Anthracene
 Concen: 0.219 ng/ul
 RT: 16.990 min Scan# 3836
 Delta R.T. -0.017 min
 Lab File: BM032046.D
 Acq: 03 Sep 2021 18:32

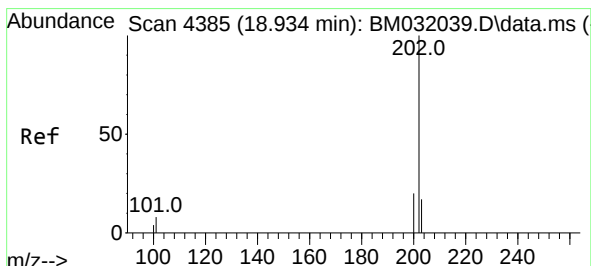
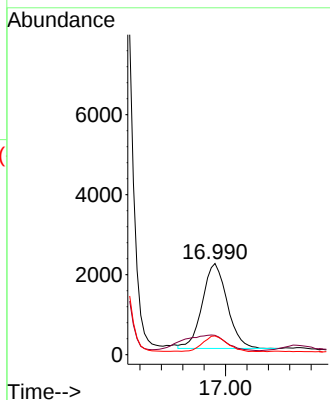
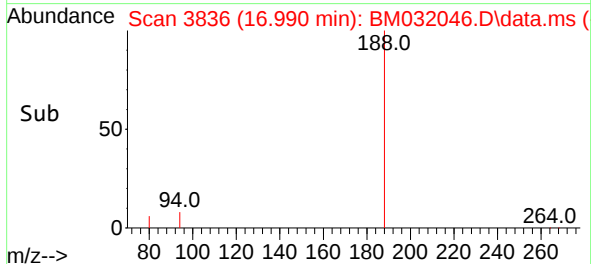
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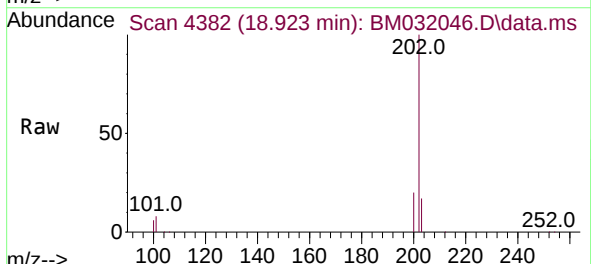
Tgt Ion:	178	Resp:	3434
Ion Ratio	Lower	Upper	
178	100		
179	21.3	14.3	21.5
176	20.5	15.8	23.8

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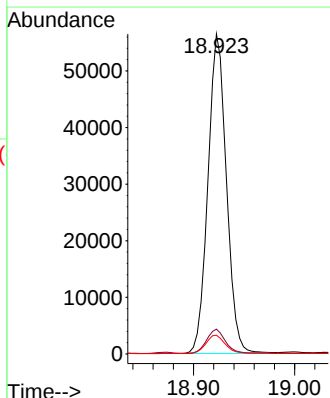
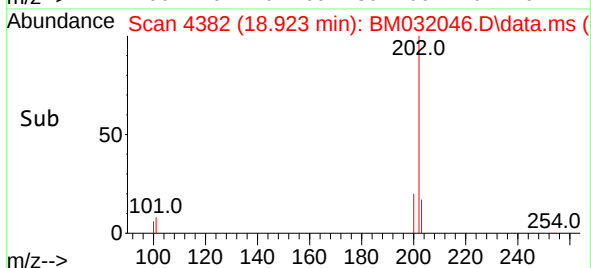
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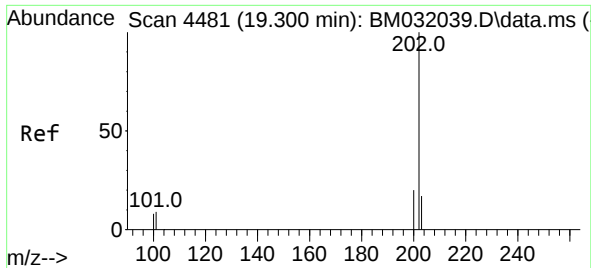


#19
 Fluoranthene
 Concen: 2.949 ng/ul
 RT: 18.923 min Scan# 4382
 Delta R.T. -0.011 min
 Lab File: BM032046.D
 Acq: 03 Sep 2021 18:32



Tgt Ion:	202	Resp:	71786
Ion Ratio	Lower	Upper	
202	100		
101	7.7	7.2	10.8
100	5.9	5.8	8.6





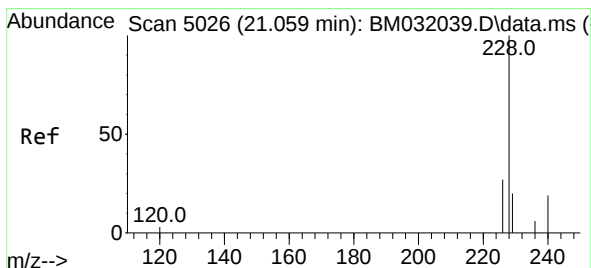
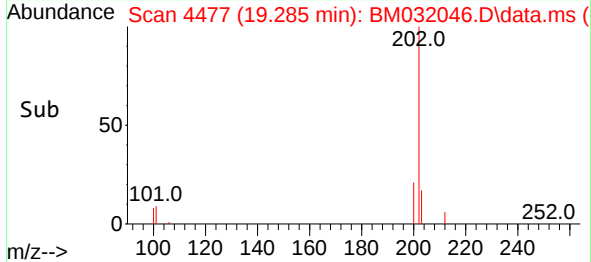
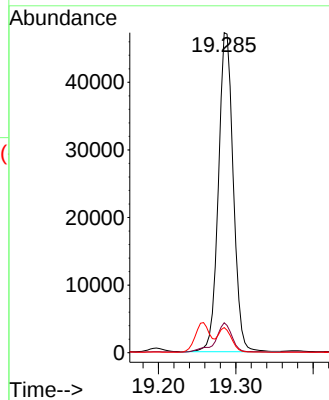
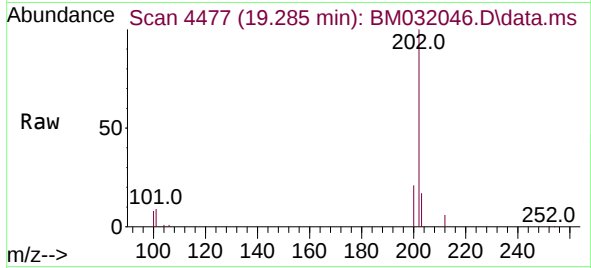
#20
Pyrene
Concen: 2.505 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. -0.015 min
Lab File: BM032046.D
Acq: 03 Sep 2021 18:32

Tgt Ion:202	Resp:	62843
Ion Ratio	Lower	Upper
202	100	
101	9.4	8.2 12.4
100	7.8	7.0 10.6

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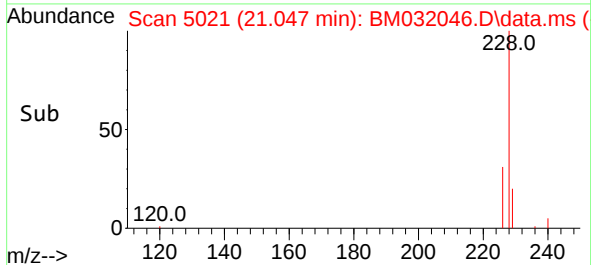
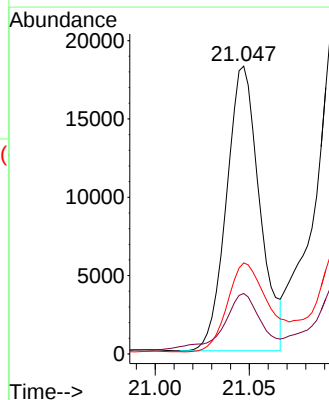
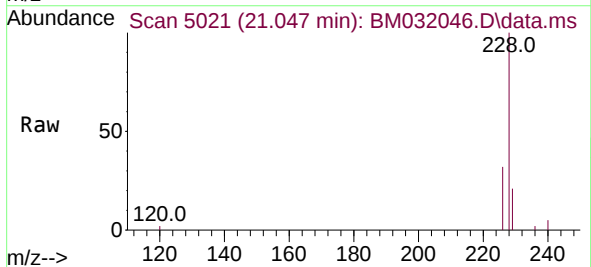
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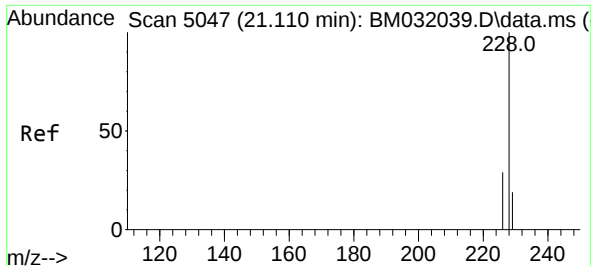
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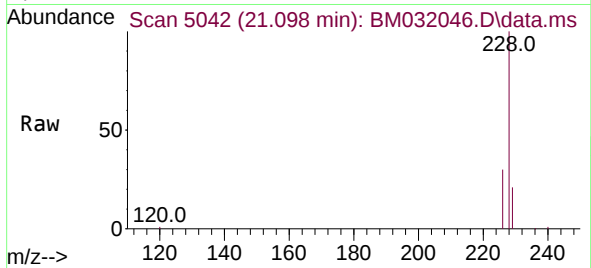
#21
Benzo(a)anthracene
Concen: 1.083 ng/ul
RT: 21.047 min Scan# 5021
Delta R.T. -0.012 min
Lab File: BM032046.D
Acq: 03 Sep 2021 18:32

Tgt Ion:228	Resp:	22274
Ion Ratio	Lower	Upper
228	100	
229	21.0	17.1 25.7
226	31.6	23.1 34.7

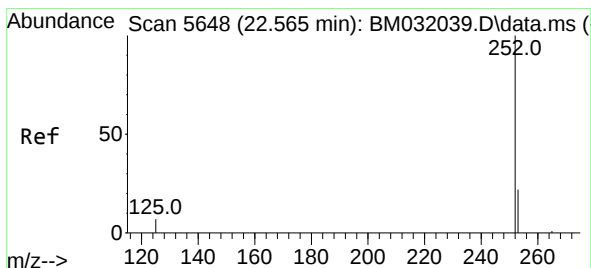
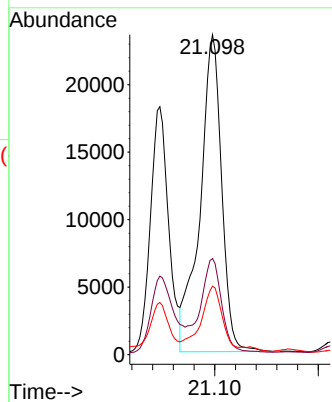
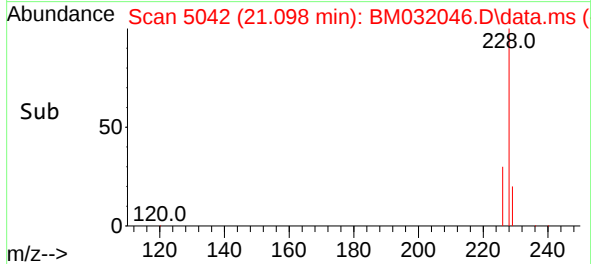




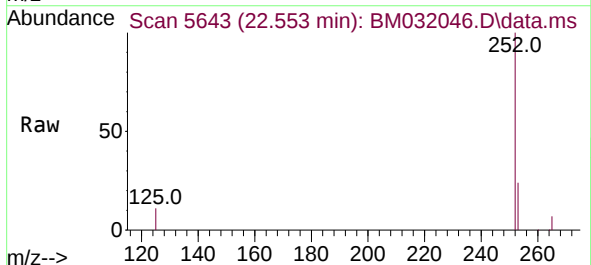
#22
Chrysene
Concen: 1.441 ng/ul
RT: 21.098 min Scan# 5042
Delta R.T. -0.012 min
Lab File: BM032046.D
Acq: 03 Sep 2021 18:32



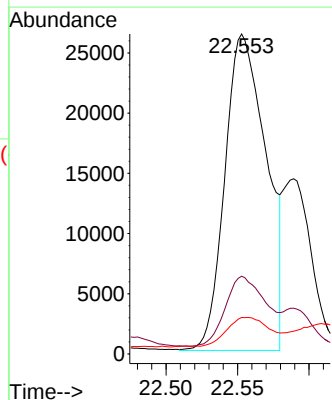
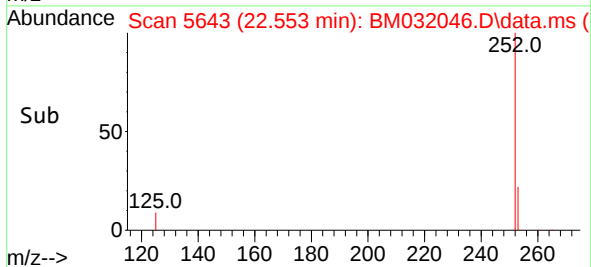
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Ion Ratio	Lower Upper
228 100	
226 30.1	24.2 36.2
229 21.4	16.3 24.5



#24
Benzo(b)fluoranthene
Concen: 1.938 ng/ul m
RT: 22.553 min Scan# 5643
Delta R.T. -0.012 min
Lab File: BM032046.D
Acq: 03 Sep 2021 18:32



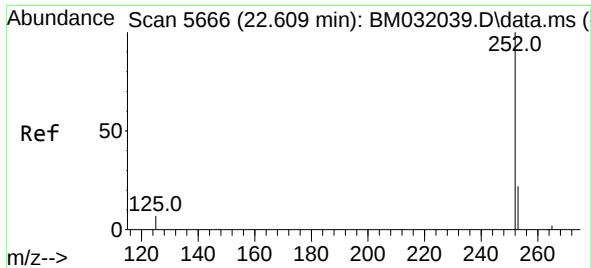
Tgt Ion:252	Resp: 52961
Ion Ratio	Lower Upper
252 100	
253 24.3	0.0 61.0
125 11.4	0.0 28.4



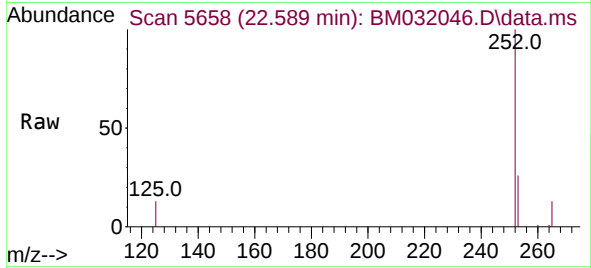
Instrument :
BNA_M
ClientSampled :
C0AR6

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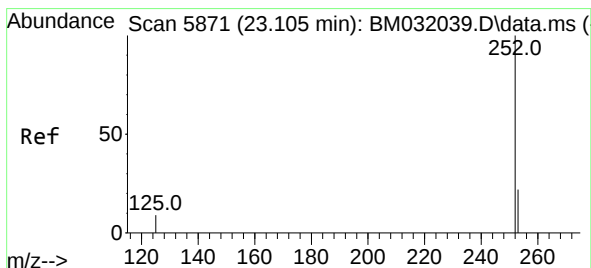
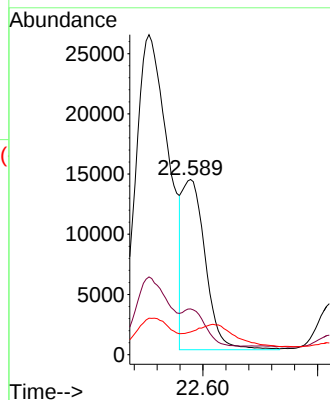
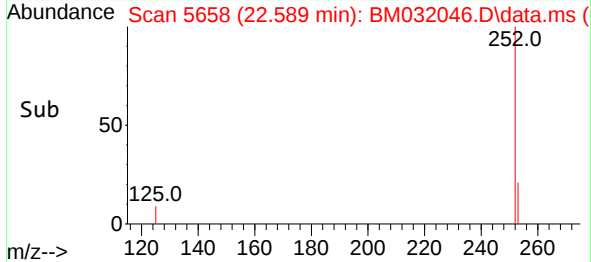
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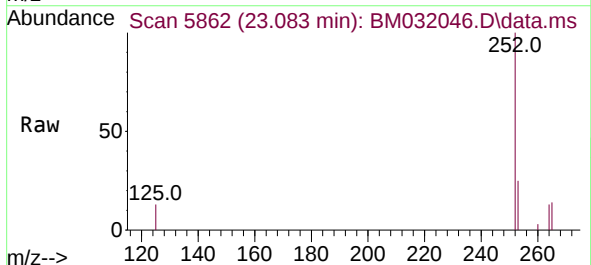
#25
Benzo(k)fluoranthene
Concen: 0.705 ng/ul m
RT: 22.589 min Scan# 5658
Delta R.T. -0.019 min
Lab File: BM032046.D
Acq: 03 Sep 2021 18:32



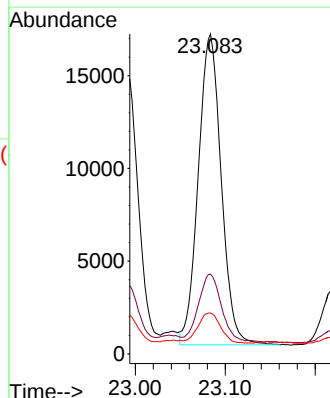
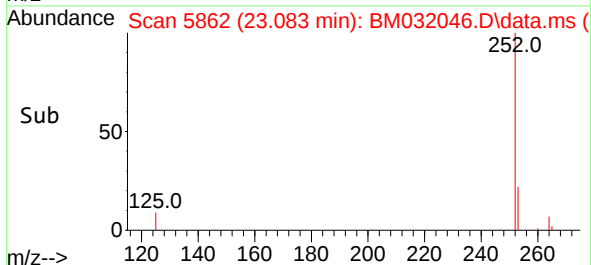
Tgt Ion:252 Resp: 19880
Ion Ratio Lower Upper
252 100
253 26.2 25.2 37.8
125 12.9 11.0 16.4



#26
Benzo(a)pyrene
Concen: 1.244 ng/ul
RT: 23.083 min Scan# 5862
Delta R.T. -0.022 min
Lab File: BM032046.D
Acq: 03 Sep 2021 18:32



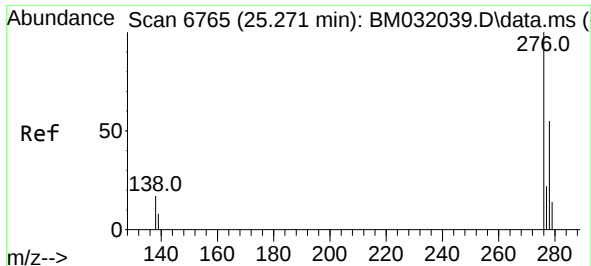
Tgt Ion:252 Resp: 29712
Ion Ratio Lower Upper
252 100
253 25.0 28.8 43.2#
125 12.8 13.9 20.9#



Instrument :
BNA_M
ClientSampled :
C0AR6

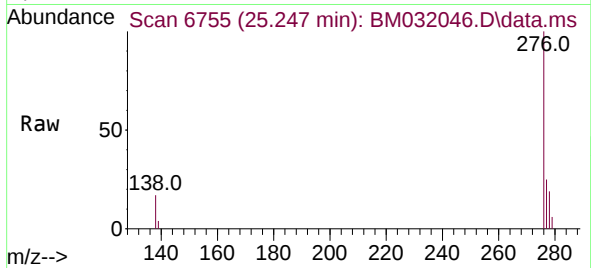
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.901 ng/ul
RT: 25.247 min Scan# 6755
Delta R.T. -0.024 min
Lab File: BM032046.D
Acq: 03 Sep 2021 18:32

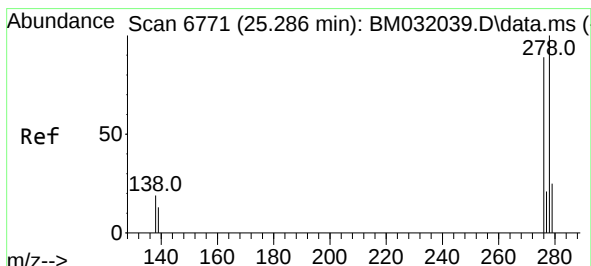
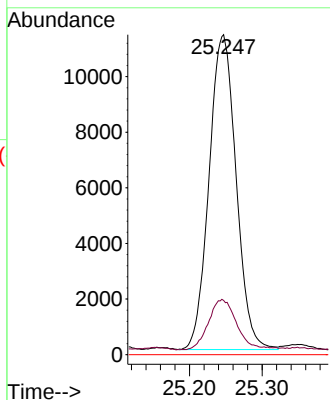
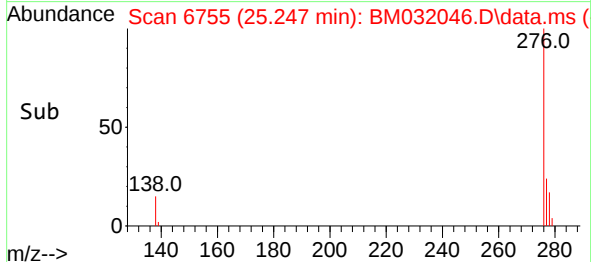
Instrument :
BNA_M
ClientSampled :
C0AR6



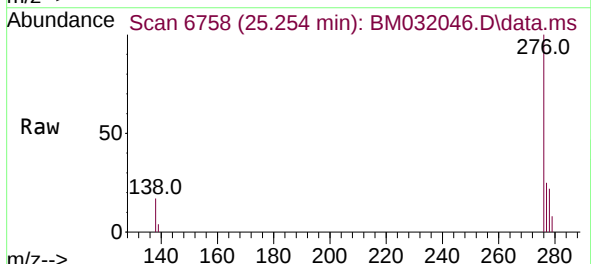
Tgt Ion: 276 Resp: 29307
Ion Ratio Lower Upper
276 100
138 16.8 14.1 21.1
227 0.0 0.0 0.0

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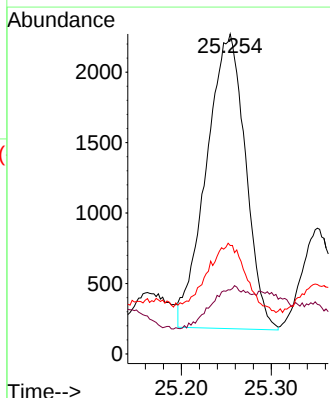
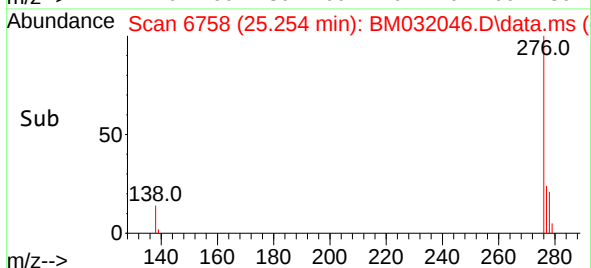
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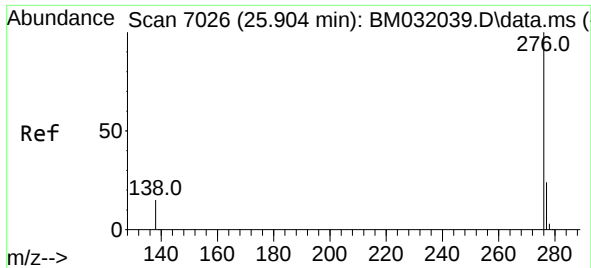


#28
Dibenzo(a,h)anthracene
Concen: 0.241 ng/ul
RT: 25.254 min Scan# 6758
Delta R.T. -0.032 min
Lab File: BM032046.D
Acq: 03 Sep 2021 18:32

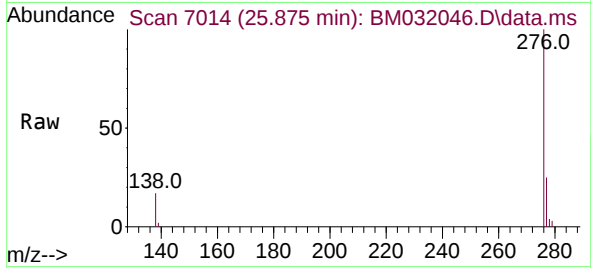


Tgt Ion: 278 Resp: 6313
Ion Ratio Lower Upper
278 100
139 20.0 13.4 20.0
279 33.9 27.2 40.8

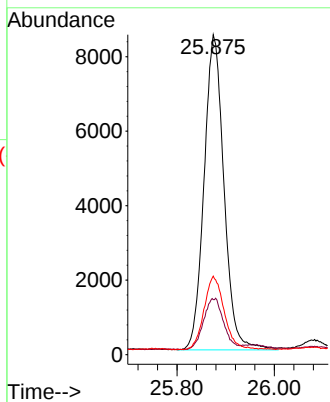
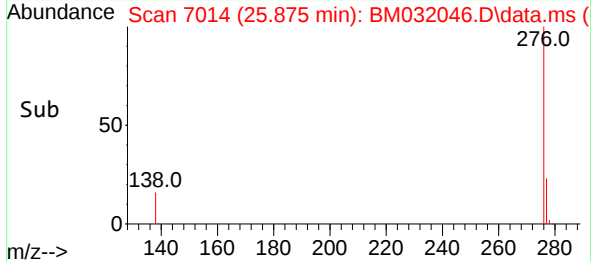




#29
 Benzo(g,h,i)perylene
 Concen: 0.829 ng/ul
 RT: 25.875 min Scan# 7014
 Delta R.T. -0.029 min
 Lab File: BM032046.D
 Acq: 03 Sep 2021 18:32



Tgt Ion:	276	Resp:	24014
Ion Ratio	Lower	Upper	
276	100		
138	17.2	14.5	21.7
277	24.5	21.2	31.8



Instrument :
 BNA_M
 ClientSampled :
 C0AR6

Manual Integrations
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