

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037184.D
 Acq On : 22 Oct 2022 01:58
 Operator : CG/JU
 Sample : N5064-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BE5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 03:37:52 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:34:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	6335	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	19460	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.529	164	12074	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.271	188	24443	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	17114	0.400	ng/ul	0.00
23) Perylene-d12	23.818	264	13862	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	27631	3.577	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	7520	0.272	ng/ul	0.00
18) Fluoranthene-d10	19.294	212	18017	0.348	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.748	128	238384	4.136	ng/ul	99
7) 2-Methylnaphthalene	12.360	142	232365	6.732	ng/ul	97
8) 1-Methylnaphthalene	12.580	142	185661	5.270	ng/ul	99
10) Acenaphthylene	14.251	152	93418	1.801	ng/ul#	96
11) Acenaphthene	14.593	153	12549	0.268	ng/ul	99
12) Fluorene	15.574	166	24868	0.454	ng/ul#	91
15) Phenanthrene	17.313	178	1272678	15.424	ng/ul	99
16) Anthracene	17.402	178	138021	2.112	ng/ul	100
19) Fluoranthene	19.326	202	1877896	25.259	ng/ul	97
20) Pyrene	19.689	202	1514858	20.099	ng/ul	100
21) Benzo(a)anthracene	21.430	228	656610	9.886	ng/ul	97
22) Chrysene	21.482	228	744305	9.740	ng/ul	98
24) Benzo(b)fluoranthene	23.096	252	823514	11.215	ng/ul	92
25) Benzo(k)fluoranthene	23.139	252	307356m	4.331	ng/ul	
26) Benzo(a)pyrene	23.712	252	483490	8.201	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.269	276	367963	4.469	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.282	278	93145	1.433	ng/ul	98
29) Benzo(g,h,i)perylene	27.030	276	305442	4.217	ng/ul	97

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

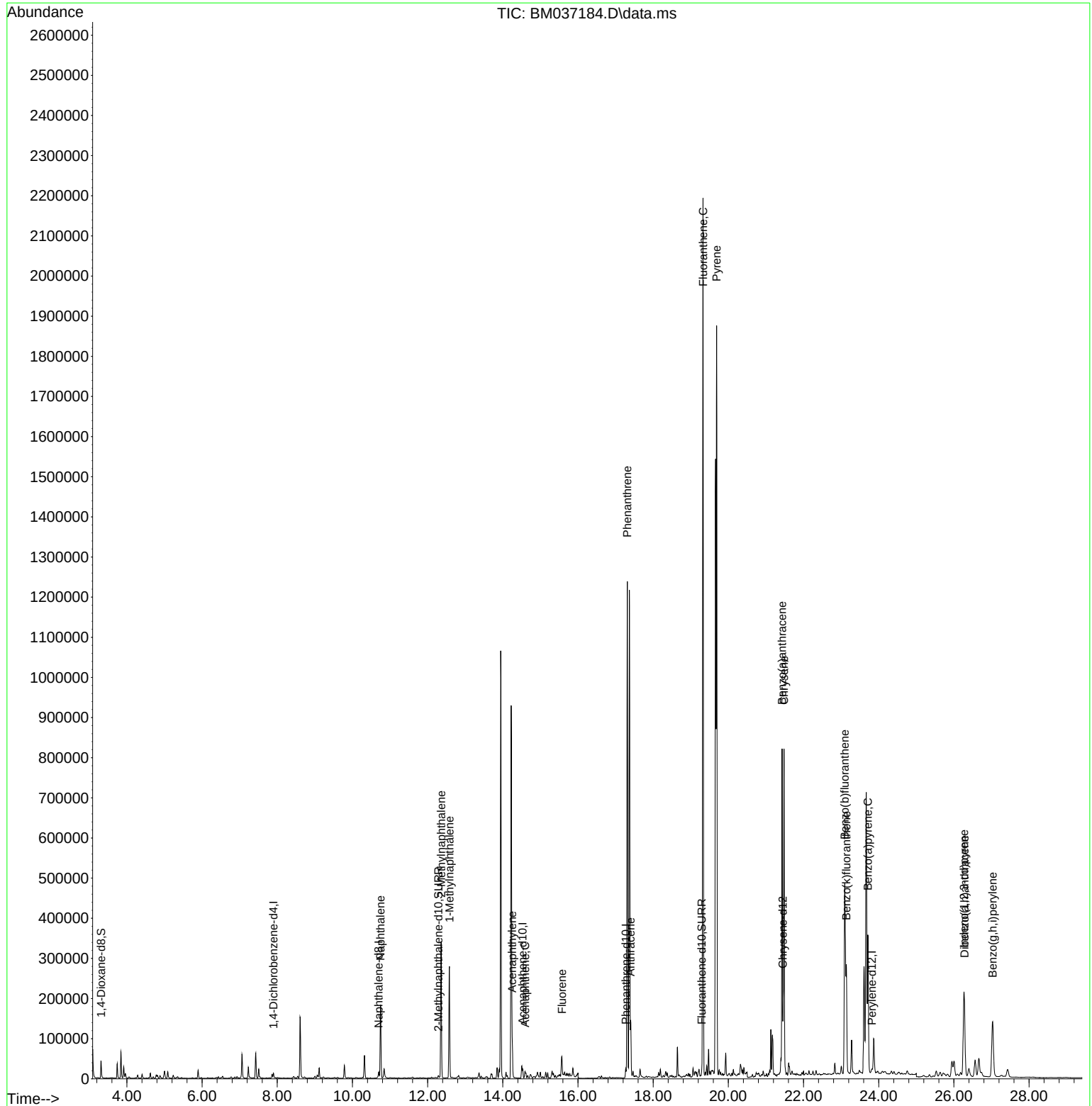
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
Data File : BM037184.D
Acq On : 22 Oct 2022 01:58
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ALS Vial : 56 Sample Multiplier: 1

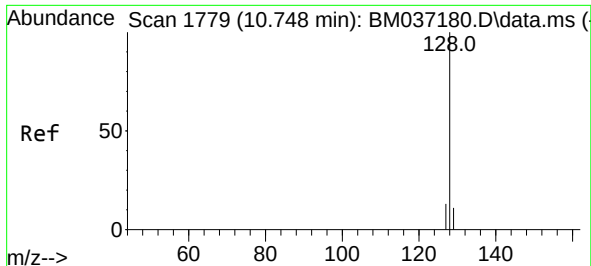
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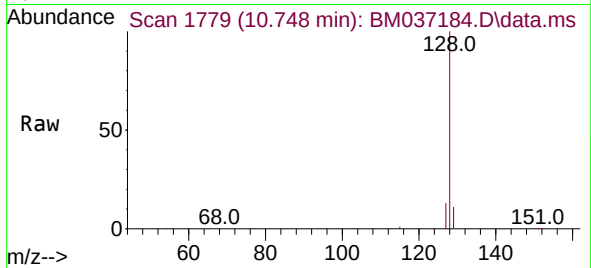
Quant Time: Oct 22 03:37:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 4.136 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

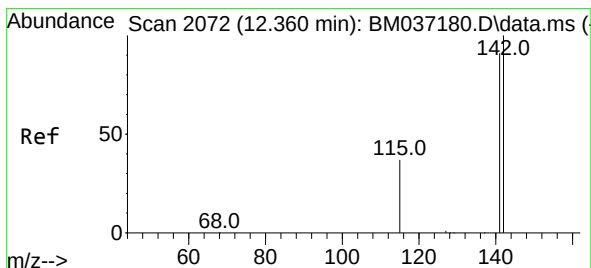
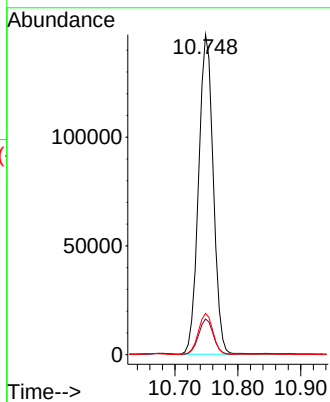
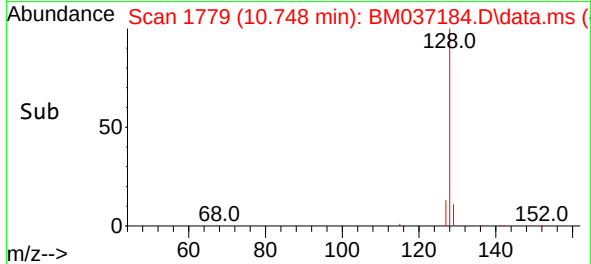
Instrument :
BNA_M
ClientSampleId :
C0BE5



Tgt Ion:128 Resp: 238384
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 12.9 10.5 15.7

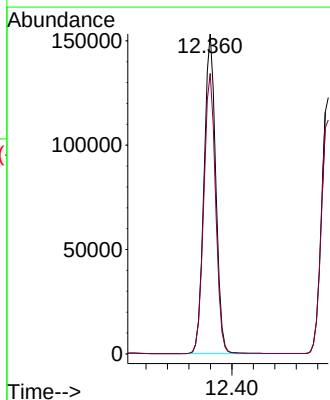
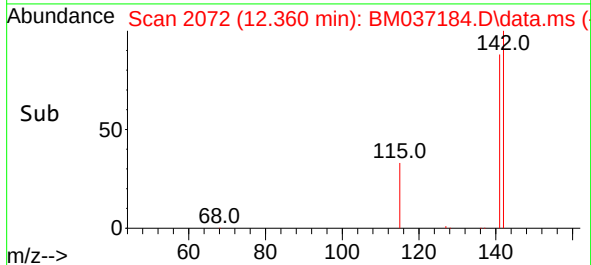
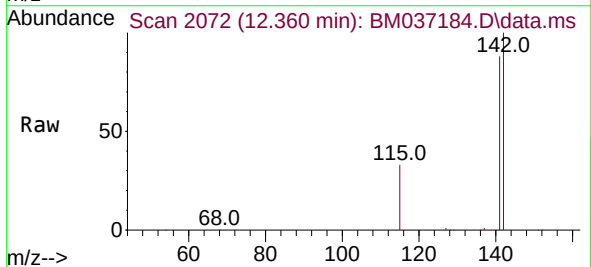
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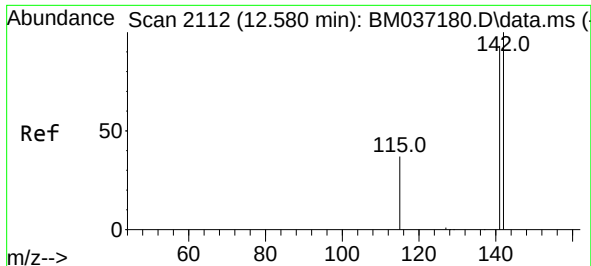
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#7
2-Methylnaphthalene
Concen: 6.732 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

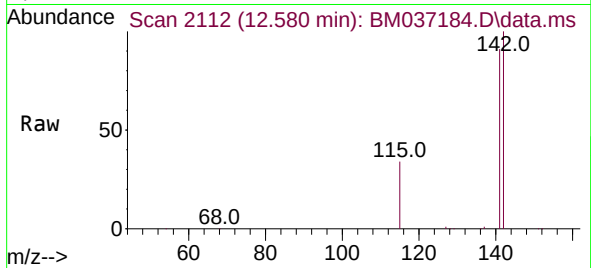
Tgt Ion:142 Resp: 232365
Ion Ratio Lower Upper
142 100
141 88.5 72.8 109.2





#8
1-Methylnaphthalene
Concen: 5.270 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

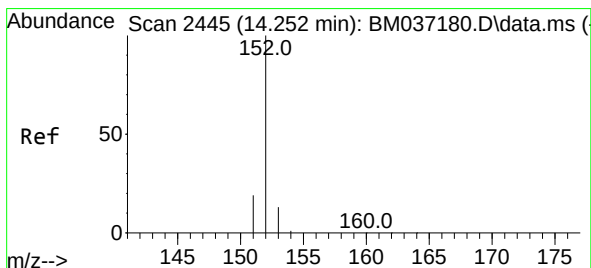
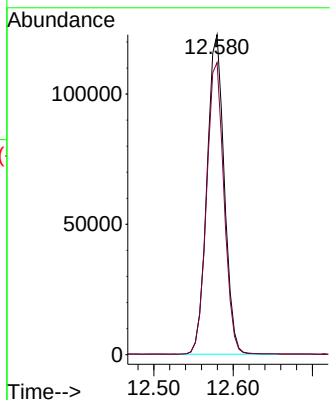
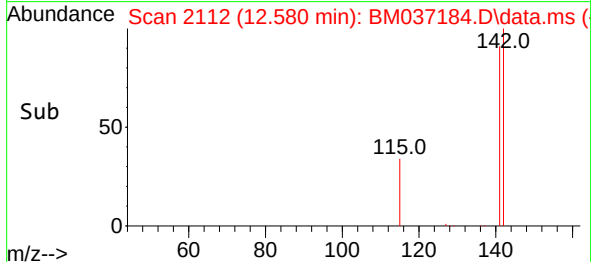
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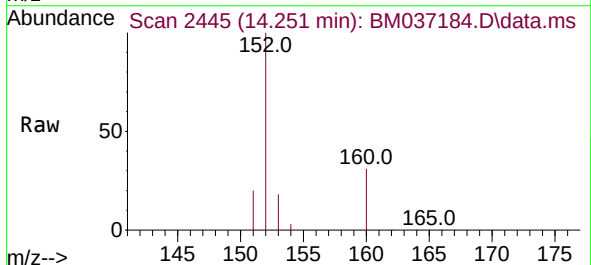
Tgt Ion:142 Resp: 185663
Ion Ratio Lower Upper
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141 92.0 74.2 111.4

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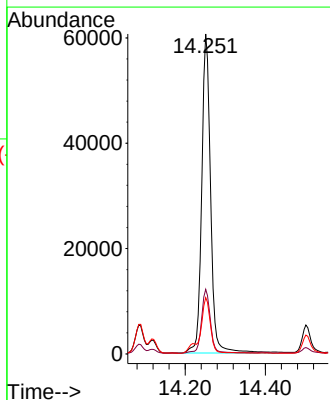
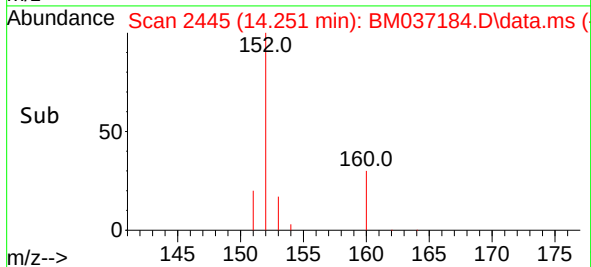
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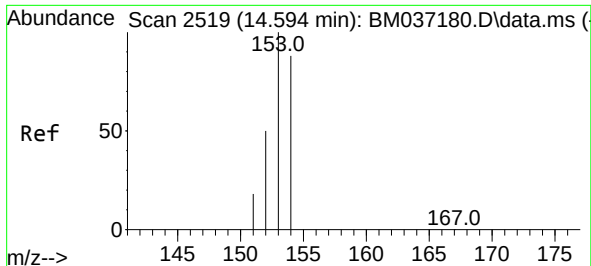


#10
Acenaphthylene
Concen: 1.801 ng/ul
RT: 14.251 min Scan# 2445
Delta R.T. -0.001 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58



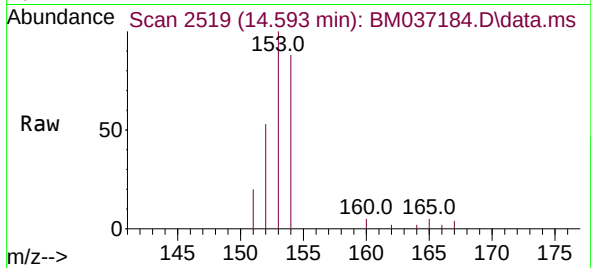
Tgt Ion:152 Resp: 93418
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 17.6 10.8 16.2#





#11
Acenaphthene
Concen: 0.268 ng/ul
RT: 14.593 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

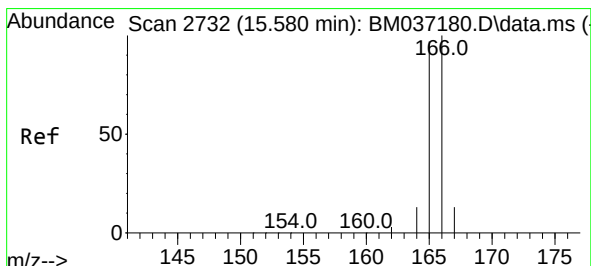
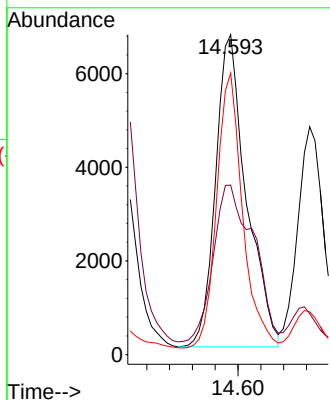
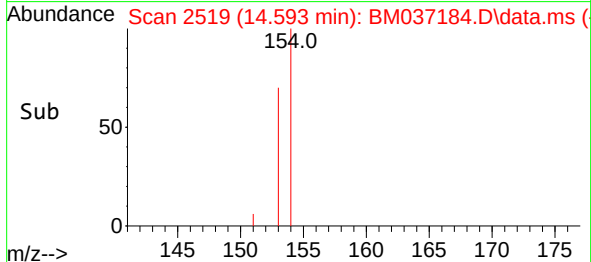
Instrument :
BNA_M
ClientSampleId :
C0BE5



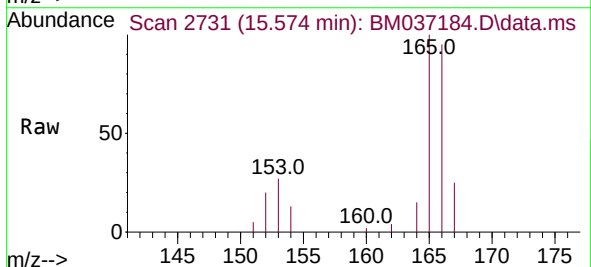
Tgt Ion:153 Resp: 12549
Ion Ratio Lower Upper
153 100
152 53.0 43.3 64.9
154 88.0 70.0 105.0

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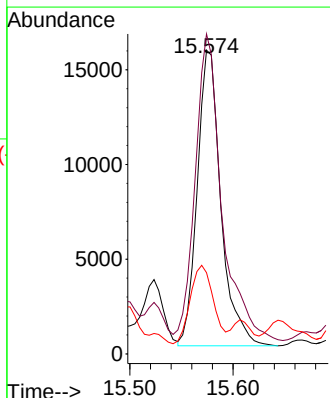
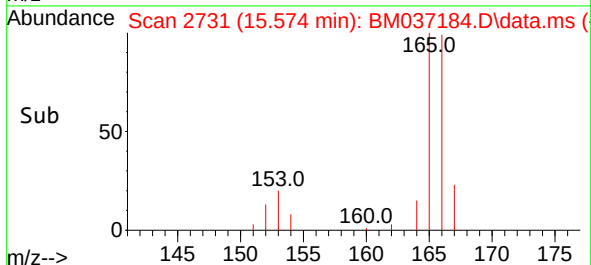
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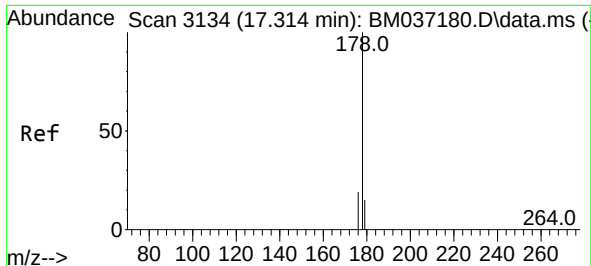


#12
Fluorene
Concen: 0.454 ng/ul
RT: 15.574 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58



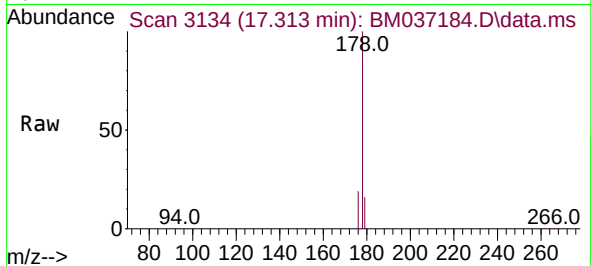
Tgt Ion:166 Resp: 24868
Ion Ratio Lower Upper
166 100
165 105.3 79.4 119.2
167 26.7 11.3 16.9#





#15
Phenanthrene
Concen: 15.424 ng/ul
RT: 17.313 min Scan# 3134
Delta R.T. -0.001 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

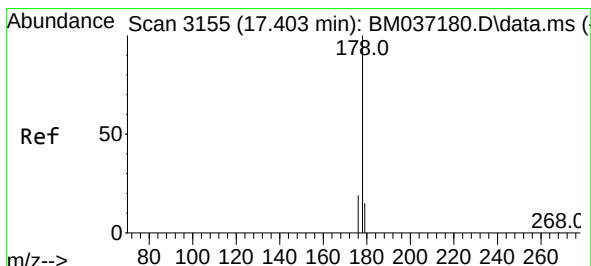
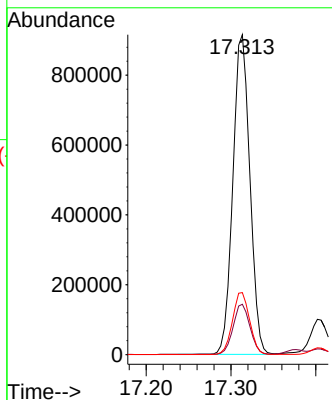
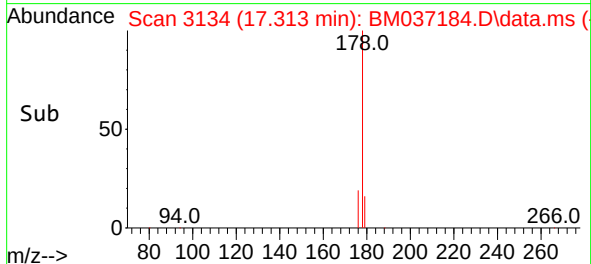
Instrument :
BNA_M
ClientSampleId :
C0BE5



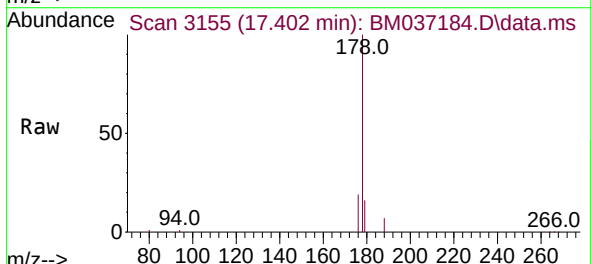
Tgt Ion:178 Resp: 1272678
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.4 16.1 24.1

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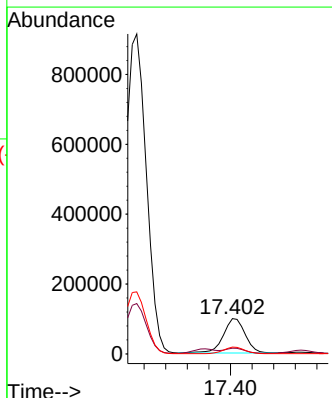
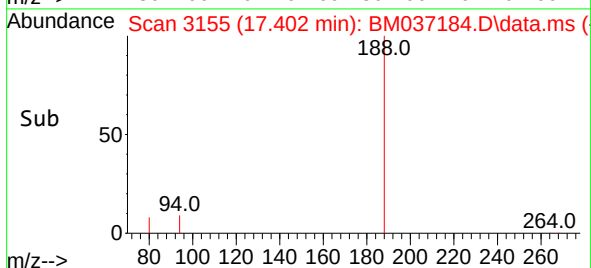
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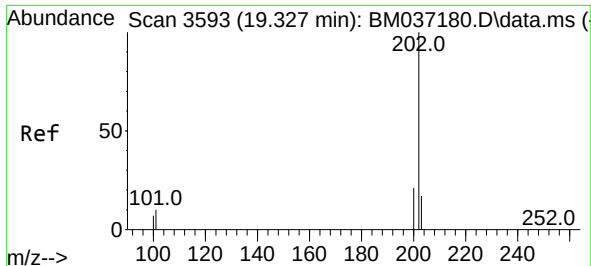


#16
Anthracene
Concen: 2.112 ng/ul
RT: 17.402 min Scan# 3155
Delta R.T. -0.001 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58



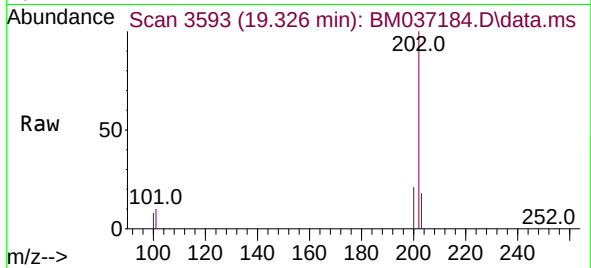
Tgt Ion:178 Resp: 138021
Ion Ratio Lower Upper
178 100
179 16.2 13.1 19.7
176 19.1 15.3 22.9





#19
Fluoranthene
Concen: 25.259 ng/ul
RT: 19.326 min Scan# 3593
Delta R.T. -0.001 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

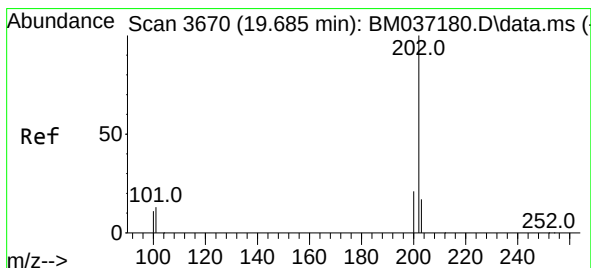
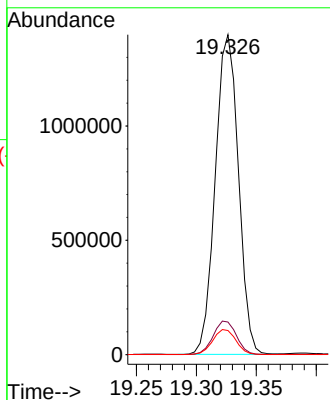
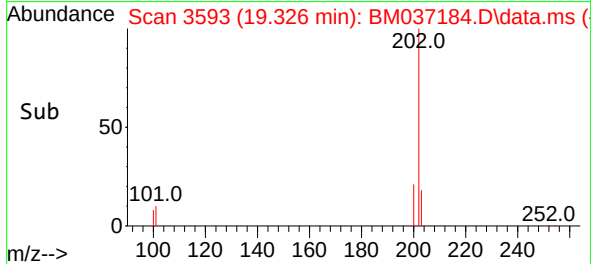
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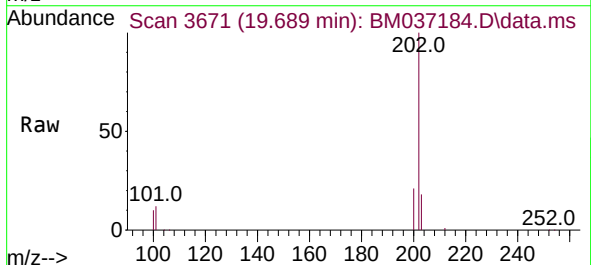
Tgt Ion:202 Resp: 1877896
Ion Ratio Lower Upper
202 100
101 10.2 8.9 13.3
100 7.5 6.9 10.3

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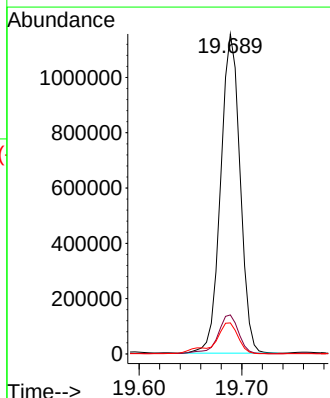
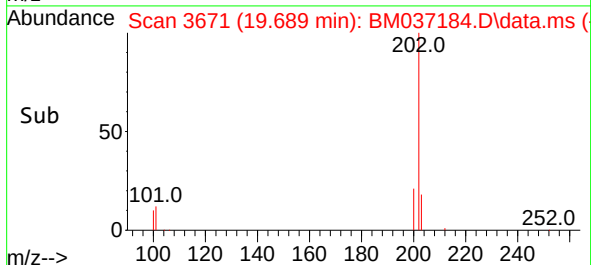
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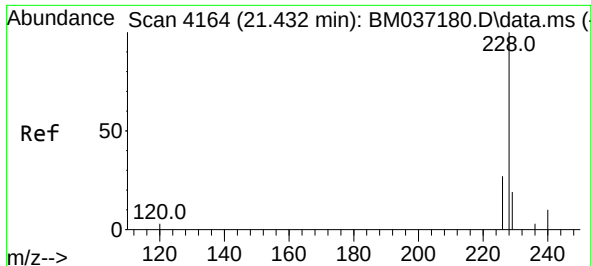


#20
Pyrene
Concen: 20.099 ng/ul
RT: 19.689 min Scan# 3671
Delta R.T. 0.004 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58



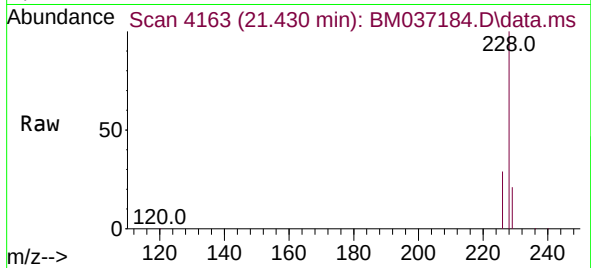
Tgt Ion:202 Resp: 1514858
Ion Ratio Lower Upper
202 100
101 12.2 9.7 14.5
100 9.7 7.8 11.8





#21
Benzo(a)anthracene
Concen: 9.886 ng/ul
RT: 21.430 min Scan# 4163
Delta R.T. -0.002 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

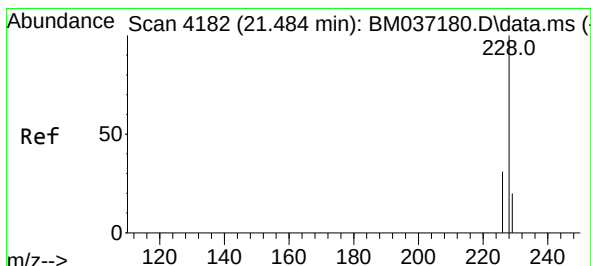
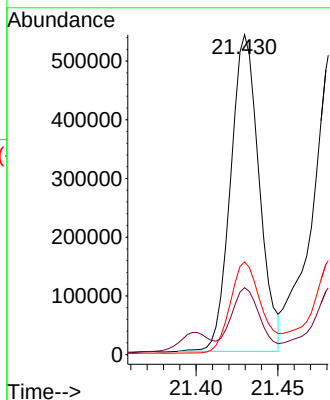
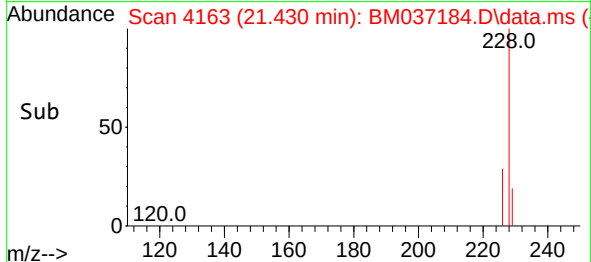
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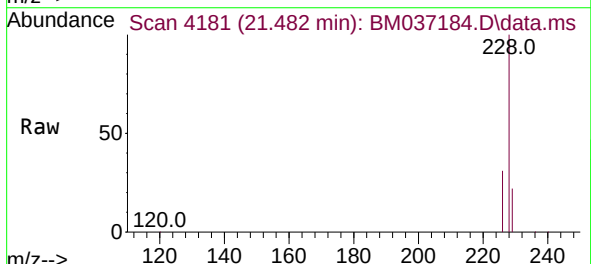
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Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 29.0 21.8 32.8

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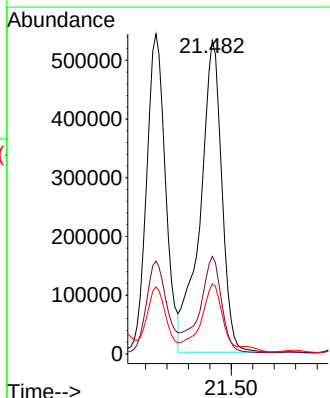
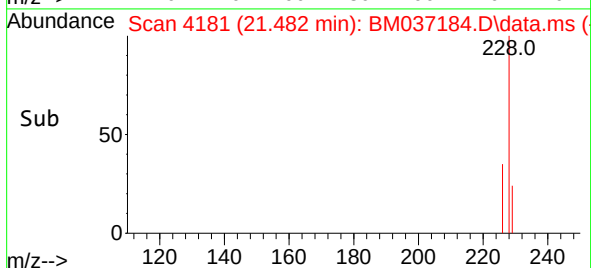
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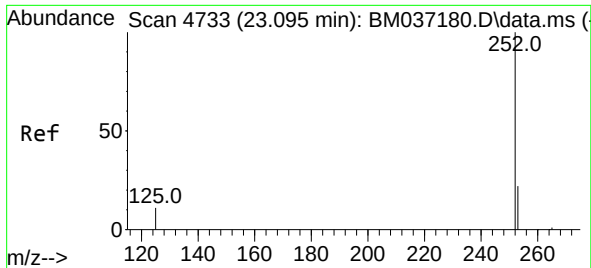


#22
Chrysene
Concen: 9.740 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. -0.002 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58



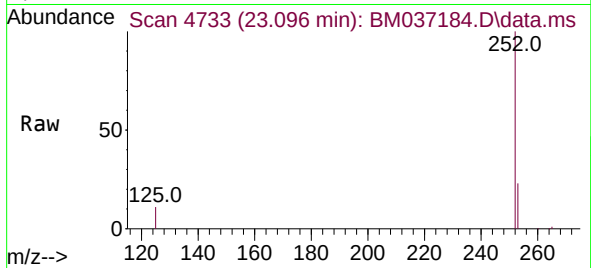
Tgt Ion:228 Resp: 744305
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 22.3 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 11.215 ng/ul
RT: 23.096 min Scan# 4733
Delta R.T. 0.001 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

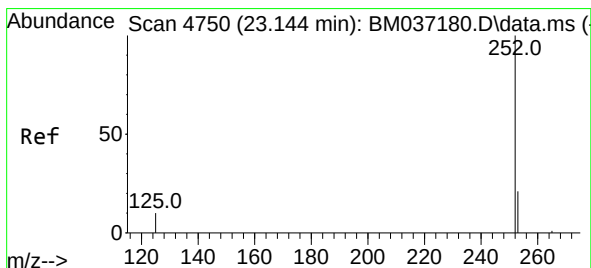
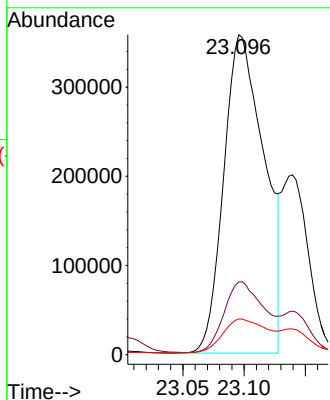
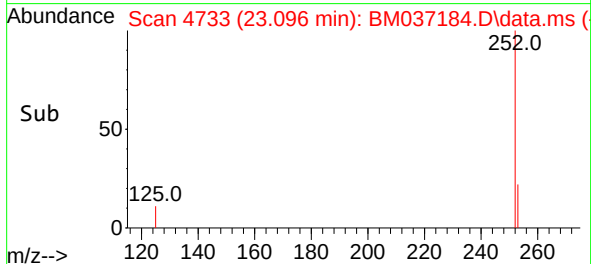
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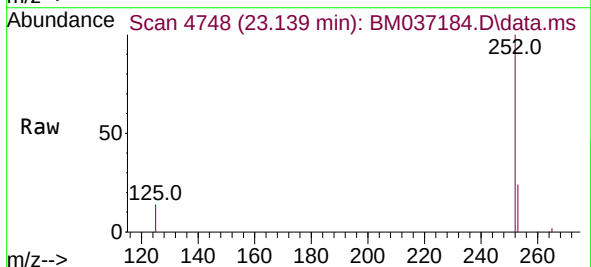
Tgt Ion:252 Resp: 823514
Ion Ratio Lower Upper
252 100
253 22.7 0.0 50.6
125 11.1 0.0 32.6

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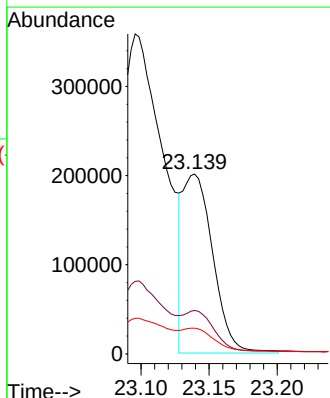
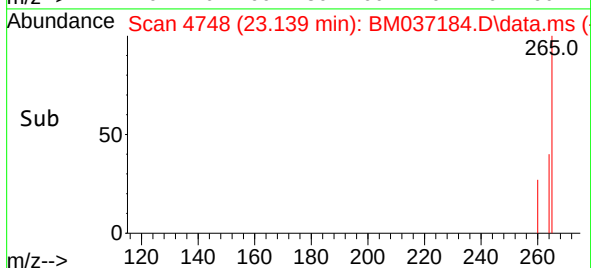
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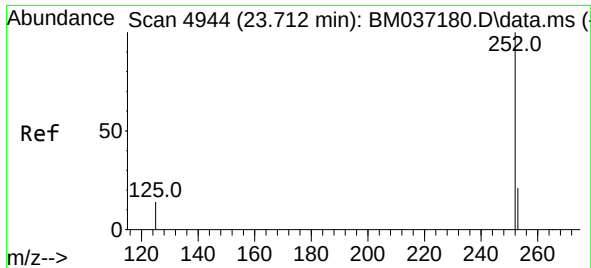


#25
Benzo(k)fluoranthene
Concen: 4.331 ng/ul m
RT: 23.139 min Scan# 4748
Delta R.T. -0.005 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58



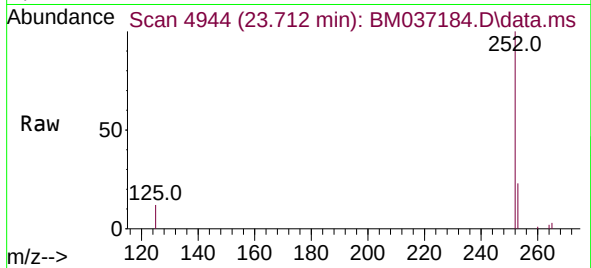
Tgt Ion:252 Resp: 307356
Ion Ratio Lower Upper
252 100
253 24.2 20.6 30.8
125 14.3 13.3 19.9





#26
Benzo(a)pyrene
Concen: 8.201 ng/ul
RT: 23.712 min Scan# 4944
Delta R.T. 0.001 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

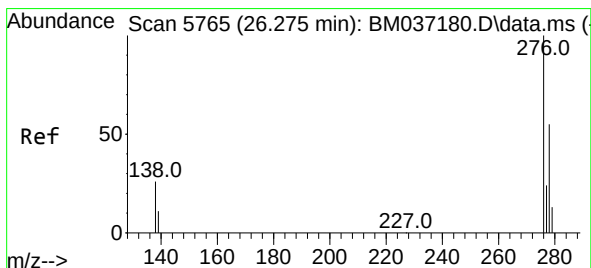
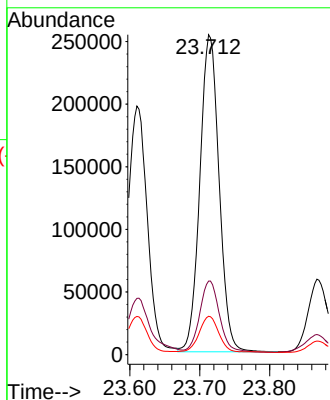
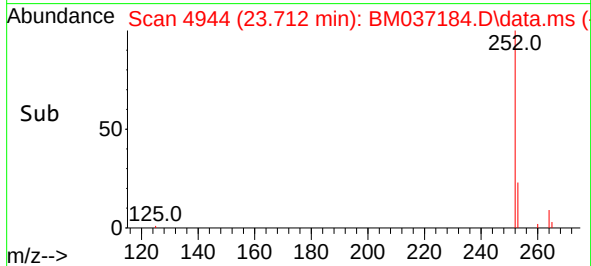
Instrument :
BNA_M
ClientSampleId :
C0BE5



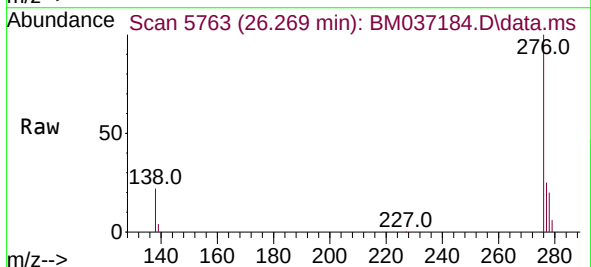
Tgt Ion:252 Resp: 483490
Ion Ratio Lower Upper
252 100
253 23.0 22.1 33.1
125 12.0 17.6 26.4

Manual Integrations
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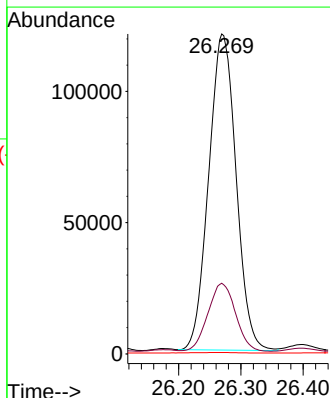
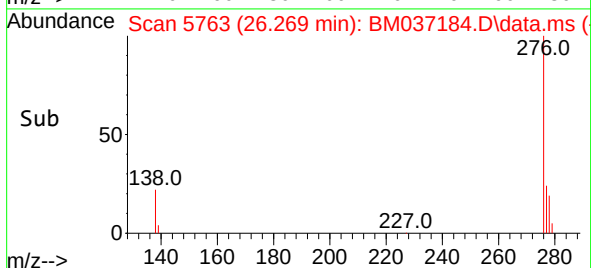
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

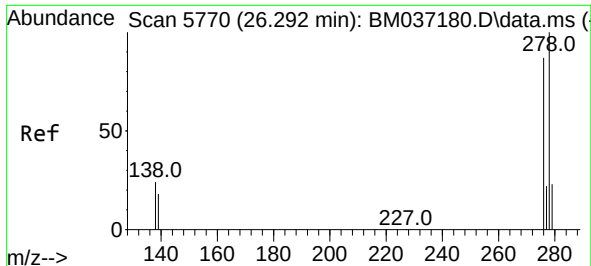


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.469 ng/ul
RT: 26.269 min Scan# 5763
Delta R.T. -0.006 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58



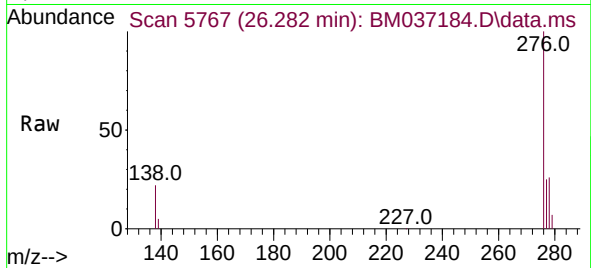
Tgt Ion:276 Resp: 367963
Ion Ratio Lower Upper
276 100
138 21.8 21.4 32.0
227 0.3 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 1.433 ng/ul
RT: 26.282 min Scan# 5767
Delta R.T. -0.009 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

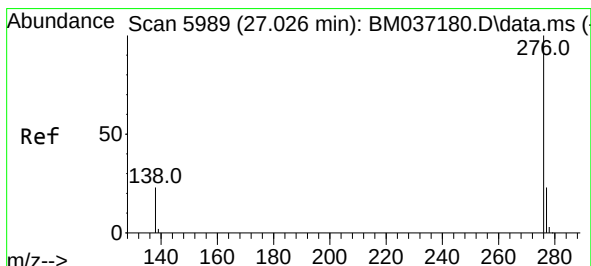
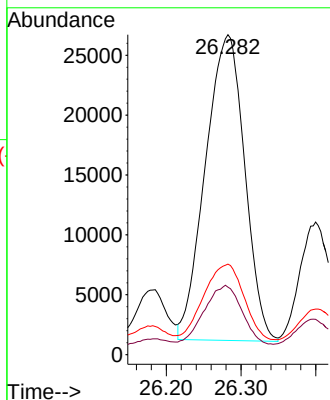
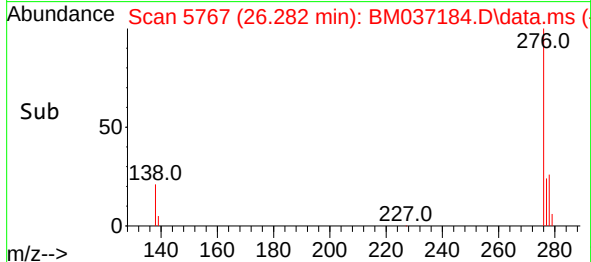
Instrument :
BNA_M
ClientSampleId :
C0BE5



Tgt Ion:278 Resp: 93145
Ion Ratio Lower Upper
278 100
139 21.1 16.3 24.5
279 28.3 21.5 32.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#29
Benzo(g,h,i)perylene
Concen: 4.217 ng/ul
RT: 27.030 min Scan# 5990
Delta R.T. 0.004 min
Lab File: BM037184.D
Acq: 22 Oct 2022 01:58

Tgt Ion:276 Resp: 305442
Ion Ratio Lower Upper
276 100
138 22.4 19.8 29.8
277 24.0 20.1 30.1

