

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044136.D
 Acq On : 16 Feb 2024 13:21
 Operator : MA/JU
 Sample : P1329-07DL 5X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FL6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/19/2024

Quant Time: Feb 16 22:39:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	9614	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	31670	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	16588	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	33854	0.400	ng/ul	0.00
17) Chrysene-d12	21.496	240	20166	0.400	ng/ul	0.00
23) Perylene-d12	23.887	264	20147	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	15141	1.112	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	3129	0.071	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	6010	0.100	ng/ul	0.00
Target Compounds						
					Qvalue	
11) Acenaphthene	14.604	153	3078	0.047	ng/ul	100
12) Fluorene	15.594	166	3880	0.052	ng/ul#	96
14) Pentachlorophenol	16.942	266	307	0.025	ng/ul	97
15) Phenanthrene	17.339	178	103741	0.967	ng/ul	99
16) Anthracene	17.428	178	18116	0.171	ng/ul	99
19) Fluoranthene	19.360	202	209121	2.275	ng/ul	99
20) Pyrene	19.722	202	177092	1.832	ng/ul	98
21) Benzo(a)anthracene	21.478	228	70941	0.768	ng/ul	99
22) Chrysene	21.534	228	69023	0.693	ng/ul	98
24) Benzo(b)fluoranthene	23.162	252	64423	0.775	ng/ul	98
25) Benzo(k)fluoranthene	23.206	252	28391m	0.315	ng/ul	
26) Benzo(a)pyrene	23.779	252	39526	0.511	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.362	276	19715	0.200	ng/ul	94
28) Dibenzo(a,h)anthracene	26.379	278	5105	0.066	ng/ul#	78
29) Benzo(g,h,i)perylene	27.123	276	18014	0.207	ng/ul	96

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

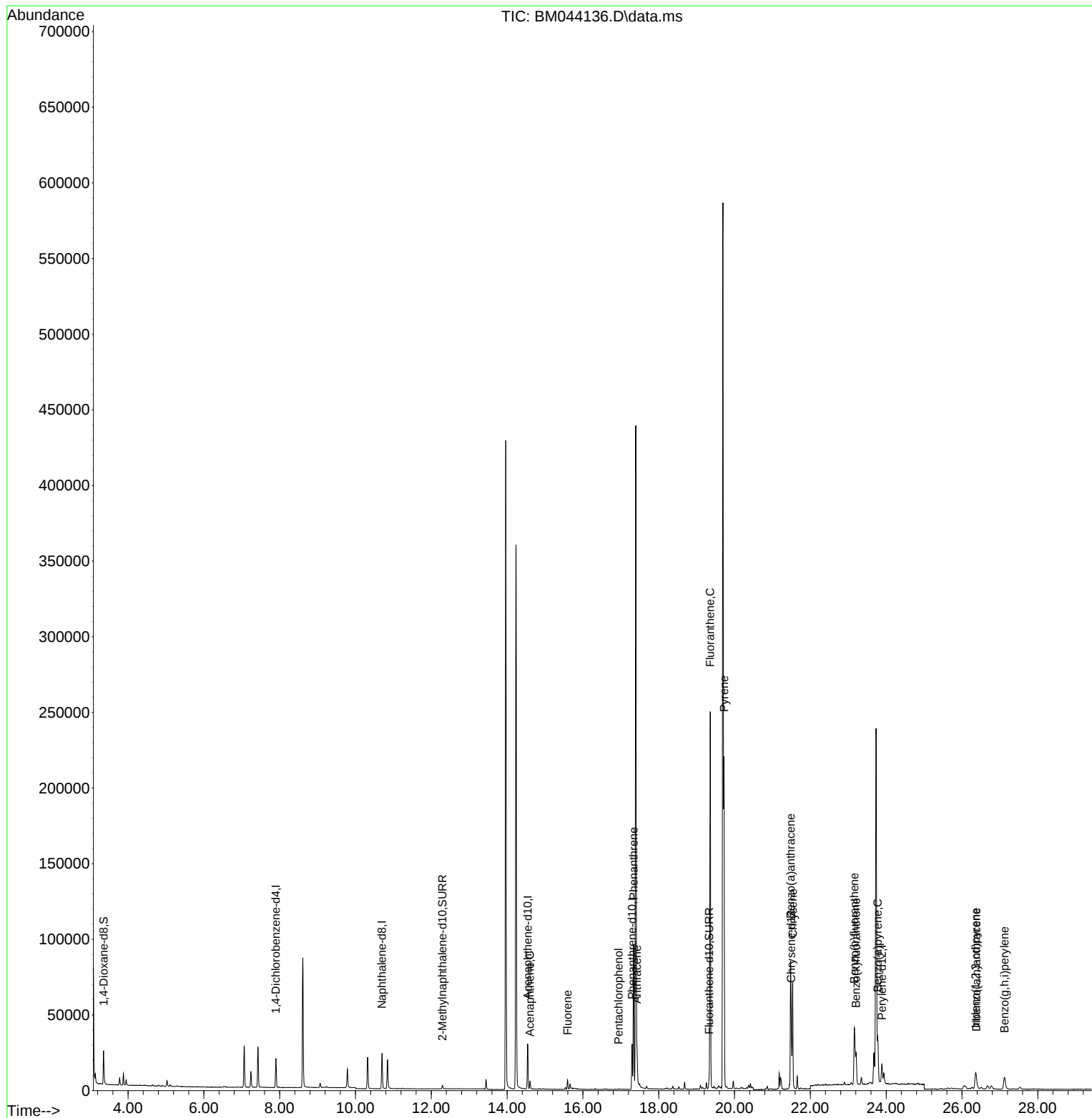
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044136.D
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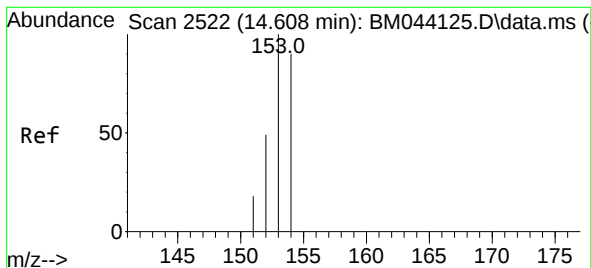
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#11

Acenaphthene

Concen: 0.047 ng/u1

RT: 14.604 min Scan# 2522

Delta R.T. -0.004 min

Lab File: BM044136.D

Acq: 16 Feb 2024 13:21

Instrument :

BNA_M

ClientSampleId :

C0FL6DL

Tgt Ion:153 Resp: 3078

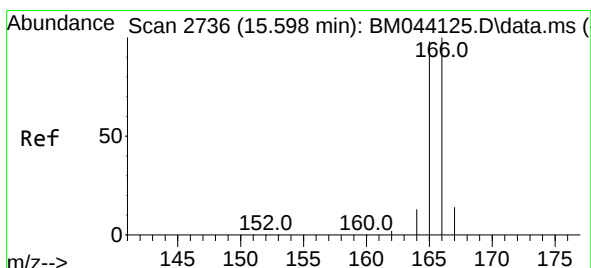
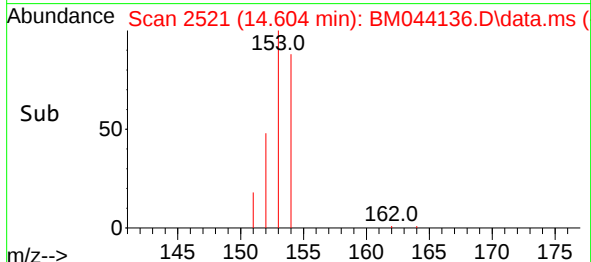
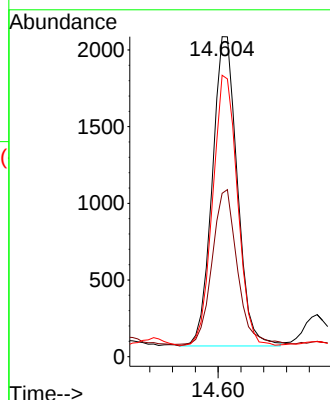
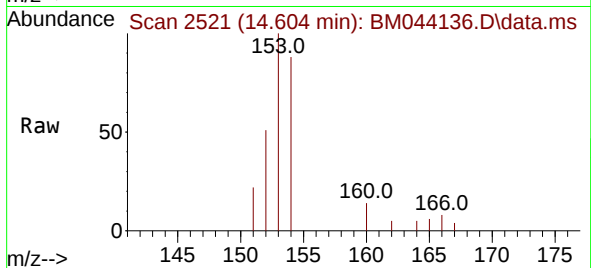
Ion	Ratio	Lower	Upper
153	100		
152	51.0	40.6	61.0
154	88.0	70.1	105.1

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#12

Fluorene

Concen: 0.052 ng/u1

RT: 15.594 min Scan# 2735

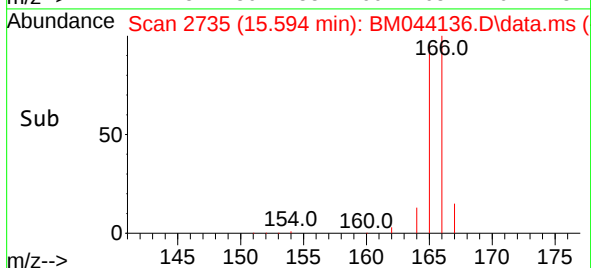
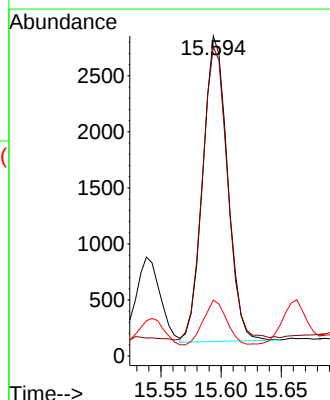
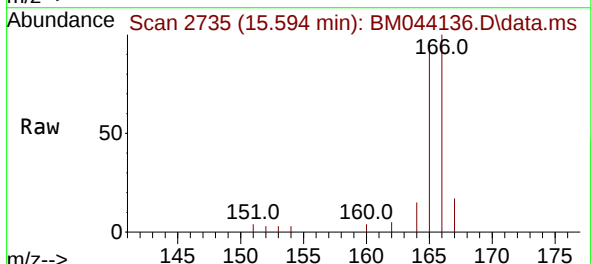
Delta R.T. -0.004 min

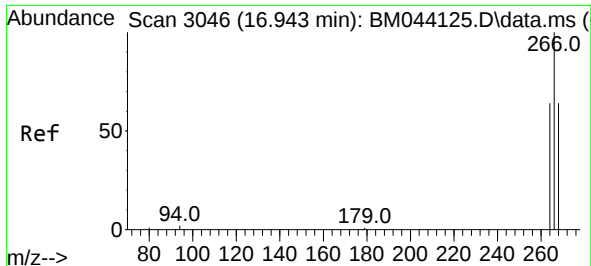
Lab File: BM044136.D

Acq: 16 Feb 2024 13:21

Tgt Ion:166 Resp: 3880

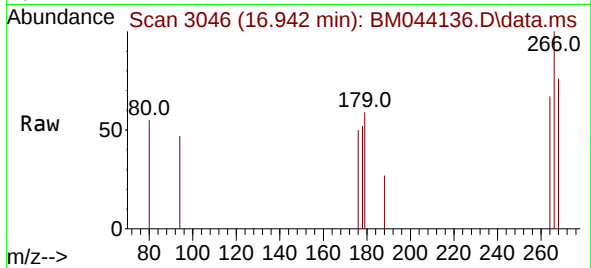
Ion	Ratio	Lower	Upper
166	100		
165	96.6	79.8	119.6
167	17.4	11.1	16.7#





#14
 Pentachlorophenol
 Concen: 0.025 ng/ul
 RT: 16.942 min Scan# 3046
 Delta R.T. -0.003 min
 Lab File: BM044136.D
 Acq: 16 Feb 2024 13:21

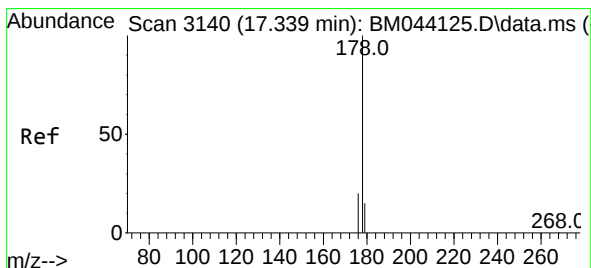
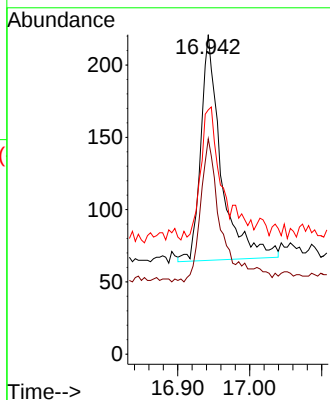
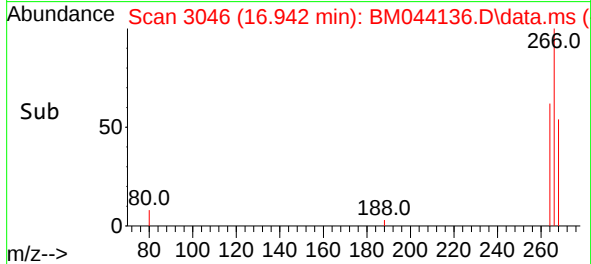
Instrument :
 BNA_M
 ClientSampleId :
 C0FL6DL



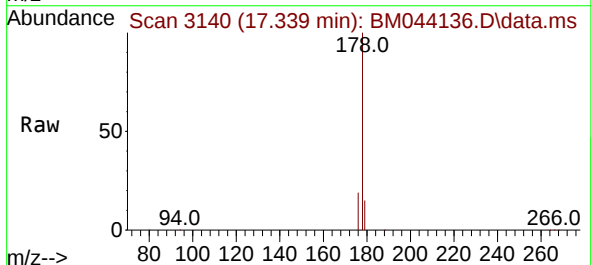
Tgt Ion:266 Resp: 3046
 Ion Ratio Lower Upper
 266 100
 264 65.1 49.4 74.0
 268 63.8 52.1 78.1

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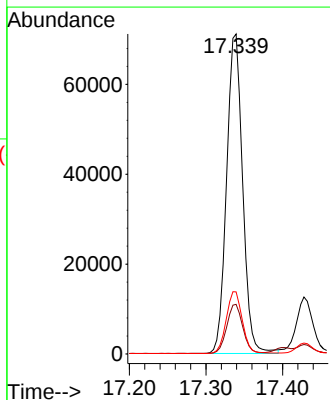
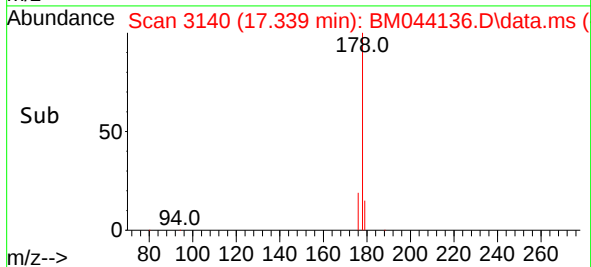
Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/19/2024

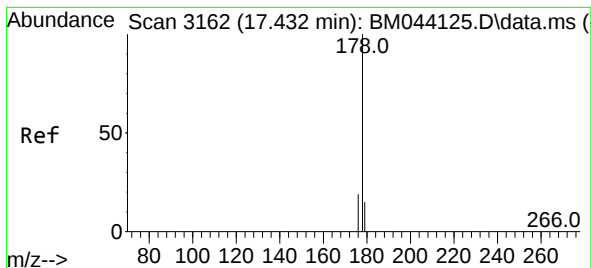


#15
 Phenanthrene
 Concen: 0.967 ng/ul
 RT: 17.339 min Scan# 3140
 Delta R.T. 0.001 min
 Lab File: BM044136.D
 Acq: 16 Feb 2024 13:21



Tgt Ion:178 Resp: 103741
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.6 19.0
 176 19.4 16.0 24.0





#16

Anthracene

Concen: 0.171 ng/ul

RT: 17.428 min Scan# 3162

Delta R.T. -0.008 min

Lab File: BM044136.D

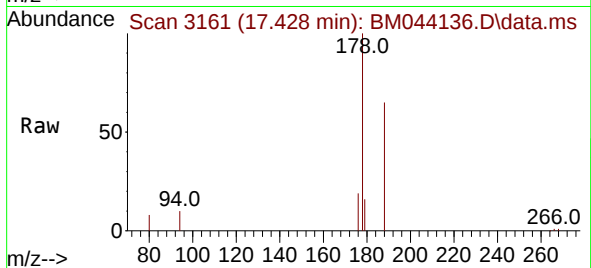
Acq: 16 Feb 2024 13:21

Instrument :

BNA_M

ClientSampleId :

C0FL6DL



Tgt Ion:178 Resp: 18110

Ion Ratio Lower Upper

178 100

179 16.5 12.8 19.2

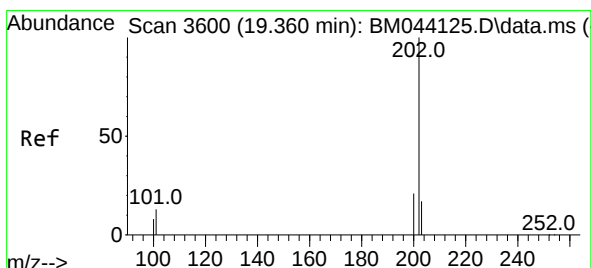
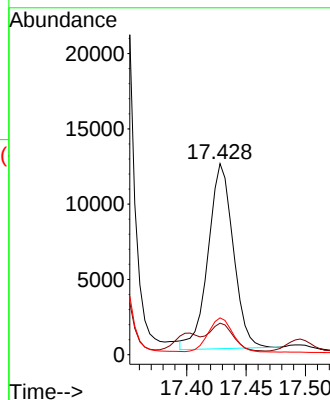
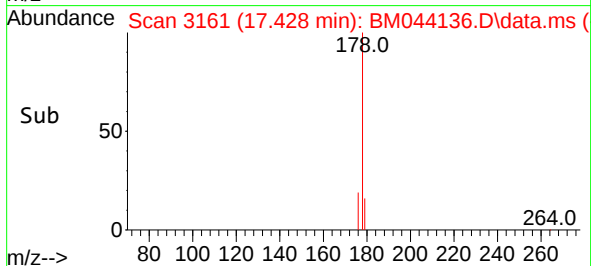
176 19.2 15.3 22.9

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#19

Fluoranthene

Concen: 2.275 ng/ul

RT: 19.360 min Scan# 3600

Delta R.T. -0.004 min

Lab File: BM044136.D

Acq: 16 Feb 2024 13:21

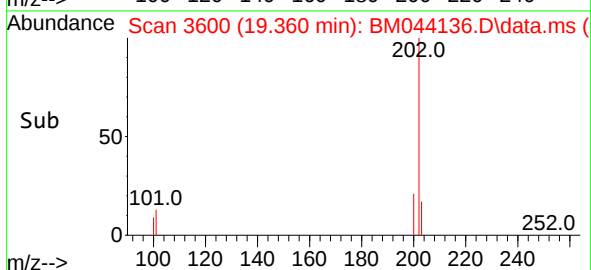
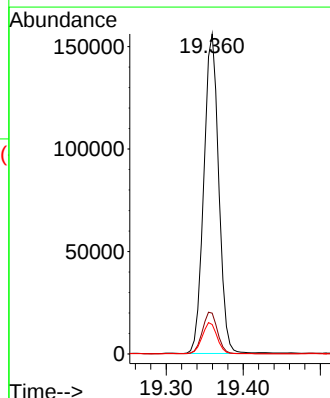
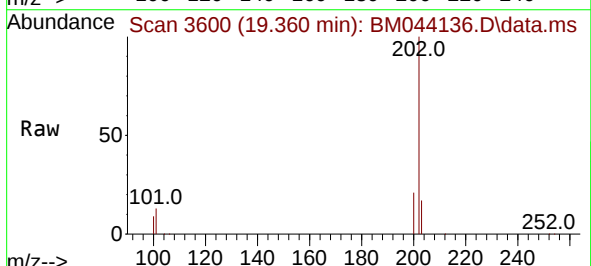
Tgt Ion:202 Resp: 209121

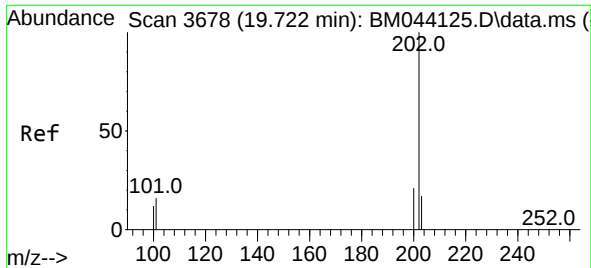
Ion Ratio Lower Upper

202 100

101 12.8 9.8 14.6

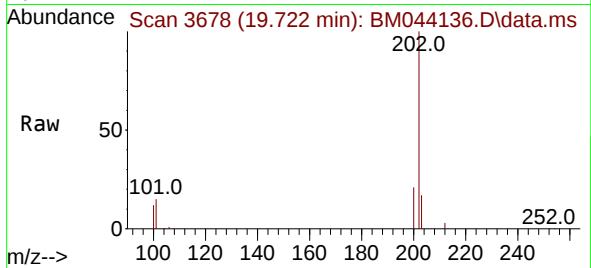
100 9.2 7.0 10.4





#20
Pyrene
Concen: 1.832 ng/ul
RT: 19.722 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM044136.D
Acq: 16 Feb 2024 13:21

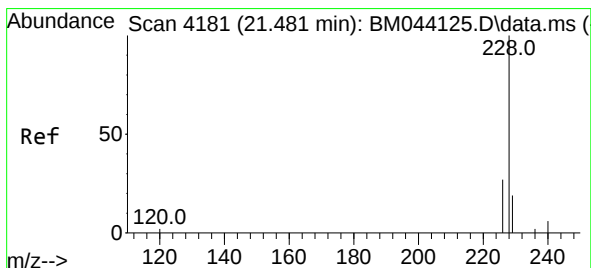
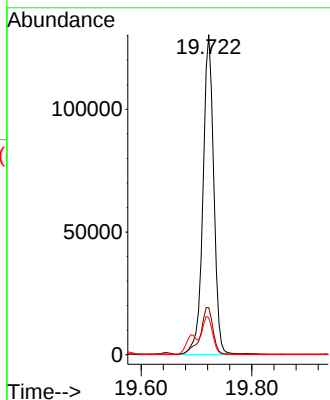
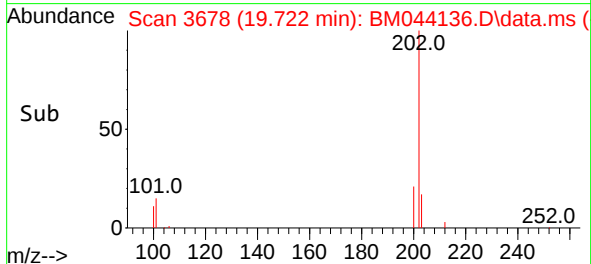
Instrument :
BNA_M
ClientSampleId :
C0FL6DL



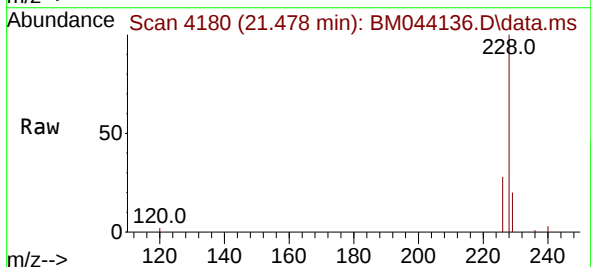
Tgt Ion:202 Resp: 177092
Ion Ratio Lower Upper
202 100
101 14.7 11.2 16.8
100 11.5 8.6 13.0

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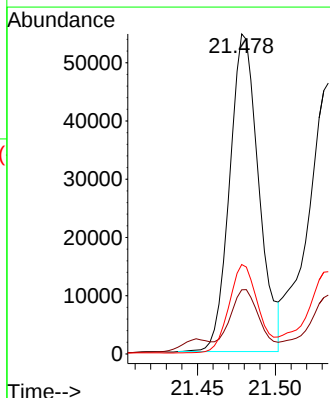
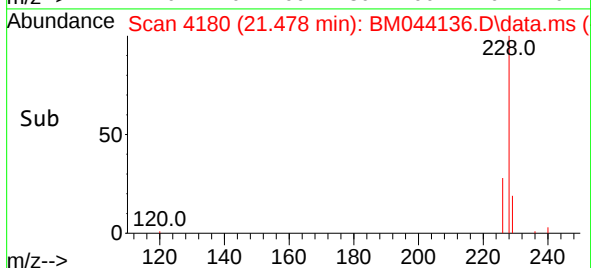
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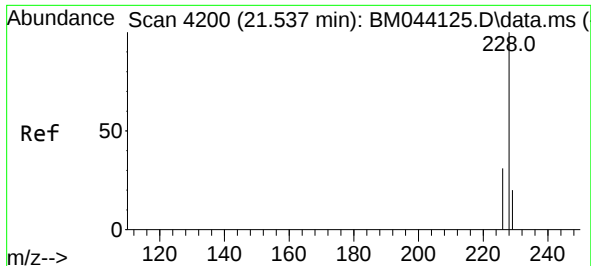


#21
Benzo(a)anthracene
Concen: 0.768 ng/ul
RT: 21.478 min Scan# 4180
Delta R.T. -0.007 min
Lab File: BM044136.D
Acq: 16 Feb 2024 13:21



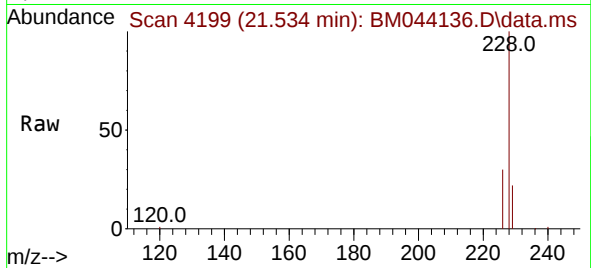
Tgt Ion:228 Resp: 70941
Ion Ratio Lower Upper
228 100
229 20.0 15.4 23.2
226 28.0 22.1 33.1





#22
Chrysene
Concen: 0.693 ng/u1
RT: 21.534 min Scan# 4199
Delta R.T. -0.004 min
Lab File: BM044136.D
Acq: 16 Feb 2024 13:21

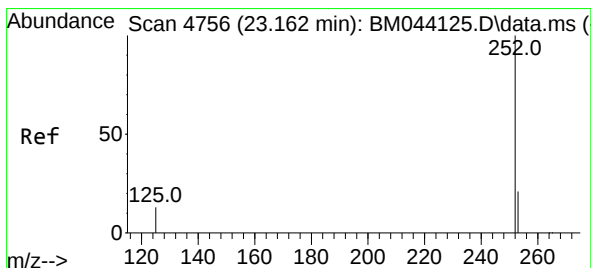
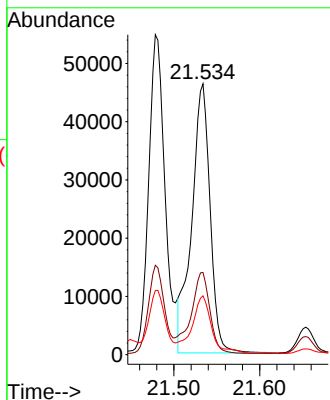
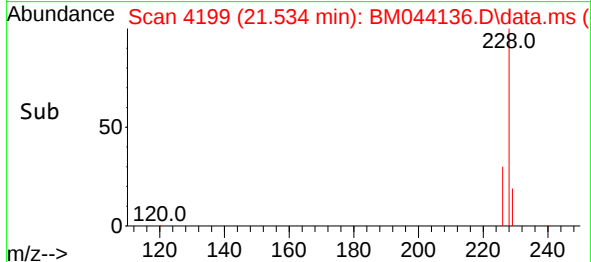
Instrument :
BNA_M
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C0FL6DL



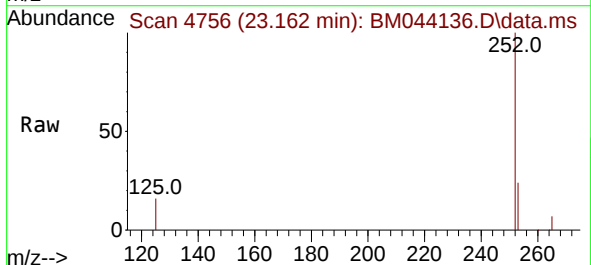
Tgt Ion:228 Resp: 69023
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 21.7 15.8 23.6

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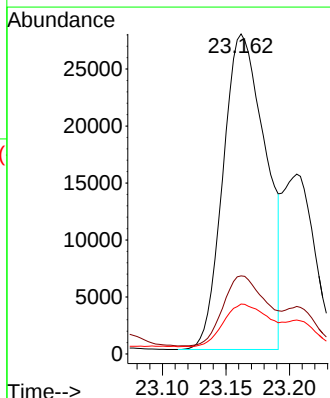
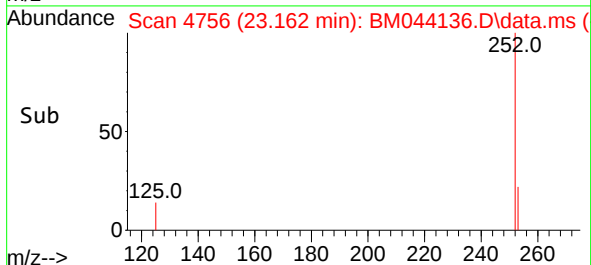
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

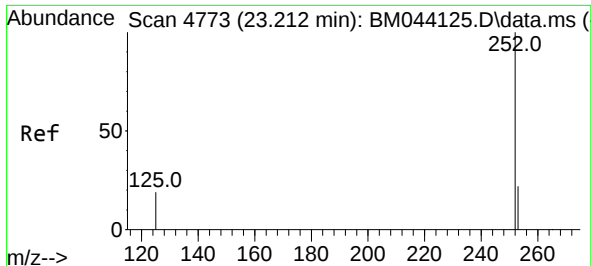


#24
Benzo(b)fluoranthene
Concen: 0.775 ng/u1
RT: 23.162 min Scan# 4756
Delta R.T. -0.001 min
Lab File: BM044136.D
Acq: 16 Feb 2024 13:21



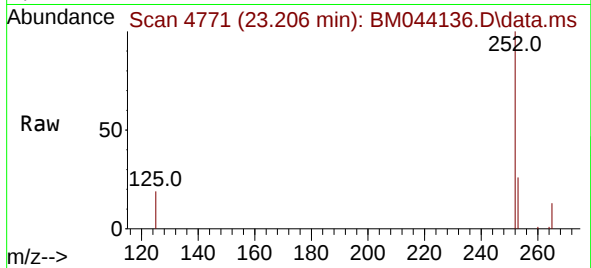
Tgt Ion:252 Resp: 64423
Ion Ratio Lower Upper
252 100
253 24.4 0.0 50.0
125 15.6 0.0 28.2





#25
Benzo(k)fluoranthene
Concen: 0.315 ng/ul m
RT: 23.206 min Scan# 4771
Delta R.T. -0.007 min
Lab File: BM044136.D
Acq: 16 Feb 2024 13:21

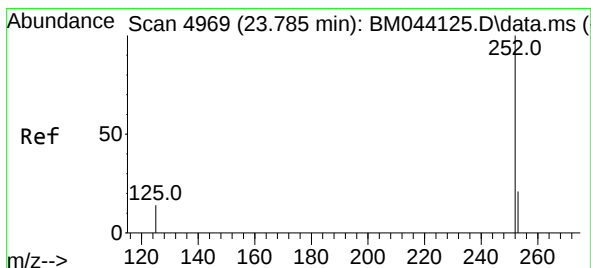
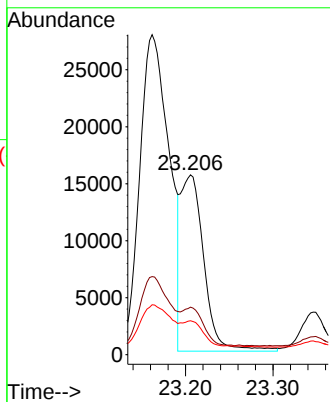
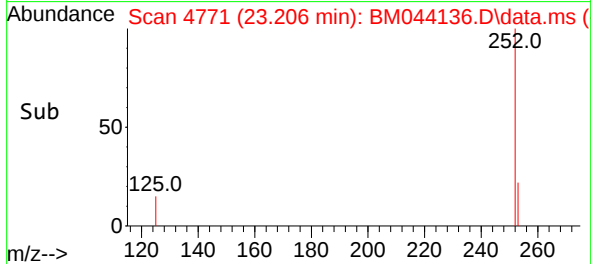
Instrument :
BNA_M
ClientSampleId :
C0FL6DL



Tgt Ion:252 Resp: 2839
Ion Ratio Lower Upper
252 100
253 26.4 20.1 30.1
125 18.9 12.3 18.5

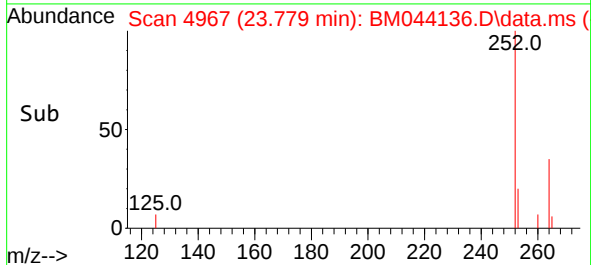
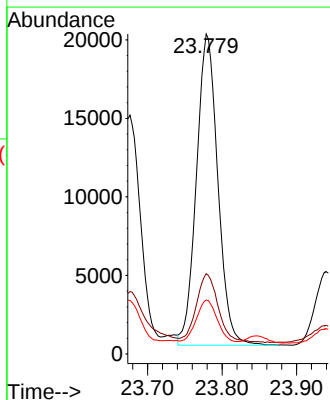
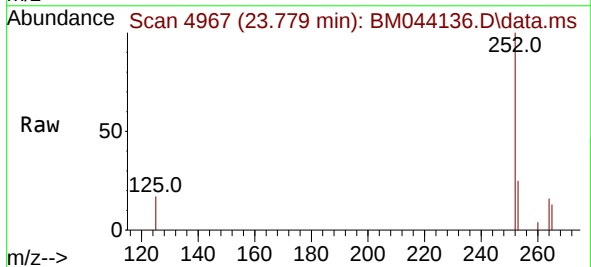
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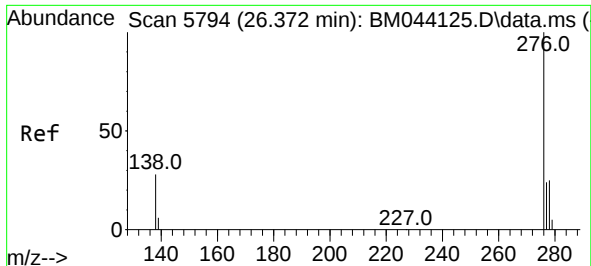
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#26
Benzo(a)pyrene
Concen: 0.511 ng/ul
RT: 23.779 min Scan# 4967
Delta R.T. -0.007 min
Lab File: BM044136.D
Acq: 16 Feb 2024 13:21

Tgt Ion:252 Resp: 39526
Ion Ratio Lower Upper
252 100
253 25.1 21.4 32.2
125 16.9 13.3 19.9





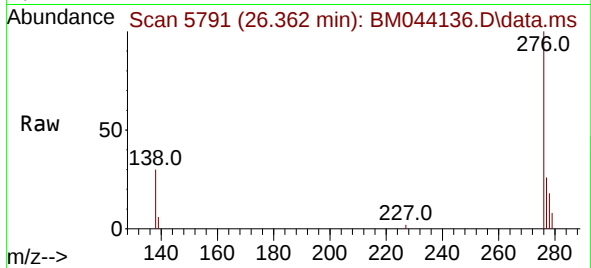
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.200 ng/ul
RT: 26.362 min Scan# 5791
Delta R.T. -0.008 min
Lab File: BM044136.D
Acq: 16 Feb 2024 13:21

Instrument :

BNA_M

ClientSampleId :

C0FL6DL



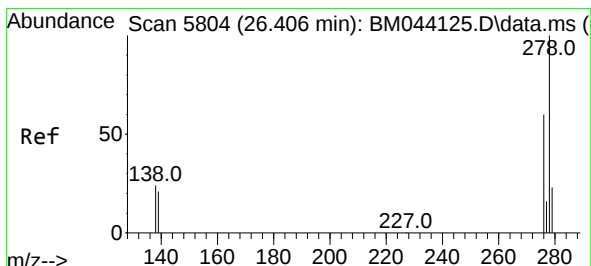
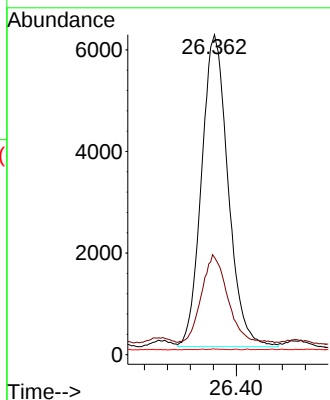
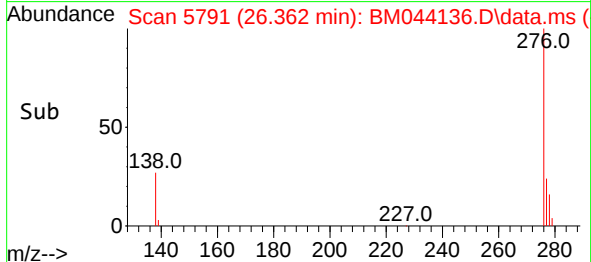
Tgt Ion:276 Resp: 1971
Ion Ratio Lower Upper
276 100
138 28.2 25.2 37.8
227 0.1 0.1 0.1

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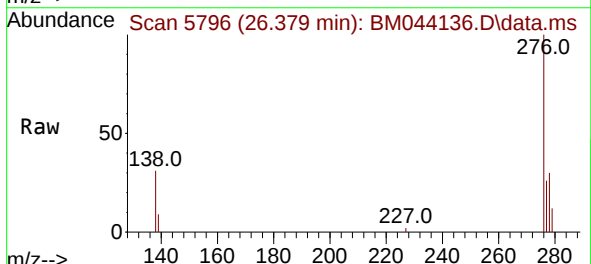
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Reviewed By :Yogesh Patel 02/17/2024

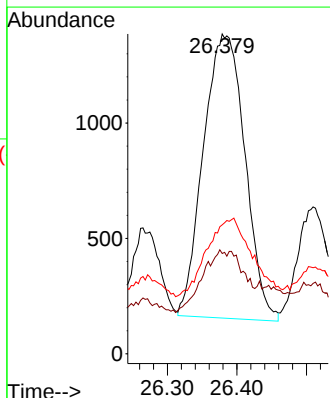
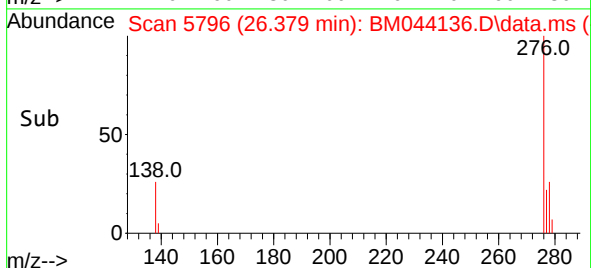
Supervised By :mohammad ahmed 02/19/2024

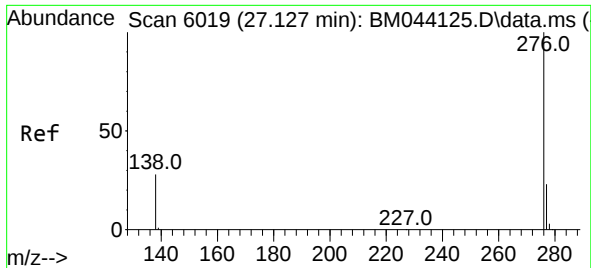


#28
Dibenzo(a,h)anthracene
Concen: 0.066 ng/ul
RT: 26.379 min Scan# 5796
Delta R.T. -0.031 min
Lab File: BM044136.D
Acq: 16 Feb 2024 13:21



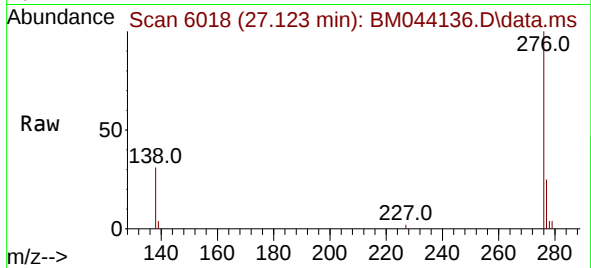
Tgt Ion:278 Resp: 5105
Ion Ratio Lower Upper
278 100
139 31.4 17.8 26.8#
279 40.3 21.8 32.8#





#29
Benzo(g,h,i)perylene
Concen: 0.207 ng/ul
RT: 27.123 min Scan# 6018
Delta R.T. -0.004 min
Lab File: BM044136.D
Acq: 16 Feb 2024 13:21

Instrument :
BNA_M
ClientSampleId :
C0FL6DL



Tgt Ion:276 Resp: 18014
Ion Ratio Lower Upper
276 100
138 31.3 22.7 34.1
277 25.0 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

