

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044135.D
 Acq On : 16 Feb 2024 12:44
 Operator : MA/JU
 Sample : P1329-06DL 5X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FL5DL

Manual Integrations
 APPROVED

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

Quant Time: Feb 16 22:38:54 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	10307	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	34444	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	17808	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	36496	0.400	ng/ul	0.00
17) Chrysene-d12	21.496	240	23587	0.400	ng/ul	0.00
23) Perylene-d12	23.890	264	24384	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	14625	1.002	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	3171	0.066	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	7076	0.101	ng/ul	0.00
Target Compounds						Qvalue
11) Acenaphthene	14.608	153	5174	0.073	ng/ul	98
12) Fluorene	15.594	166	6606	0.083	ng/ul	98
14) Pentachlorophenol	16.943	266	377	0.029	ng/ul	97
15) Phenanthrene	17.339	178	188566	1.630	ng/ul	98
16) Anthracene	17.428	178	30418	0.266	ng/ul	100
19) Fluoranthene	19.360	202	472492	4.394	ng/ul	98
20) Pyrene	19.722	202	406700	3.596	ng/ul	97
21) Benzo(a)anthracene	21.481	228	193815	1.794	ng/ul	99
22) Chrysene	21.534	228	188795	1.621	ng/ul	98
24) Benzo(b)fluoranthene	23.165	252	201367	2.001	ng/ul	98
25) Benzo(k)fluoranthene	23.209	252	74034m	0.678	ng/ul	
26) Benzo(a)pyrene	23.785	252	116733	1.248	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.362	276	60408	0.507	ng/ul	94
28) Dibenzo(a,h)anthracene	26.379	278	15437	0.165	ng/ul#	92
29) Benzo(g,h,i)perylene	27.123	276	49239	0.467	ng/ul	98

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

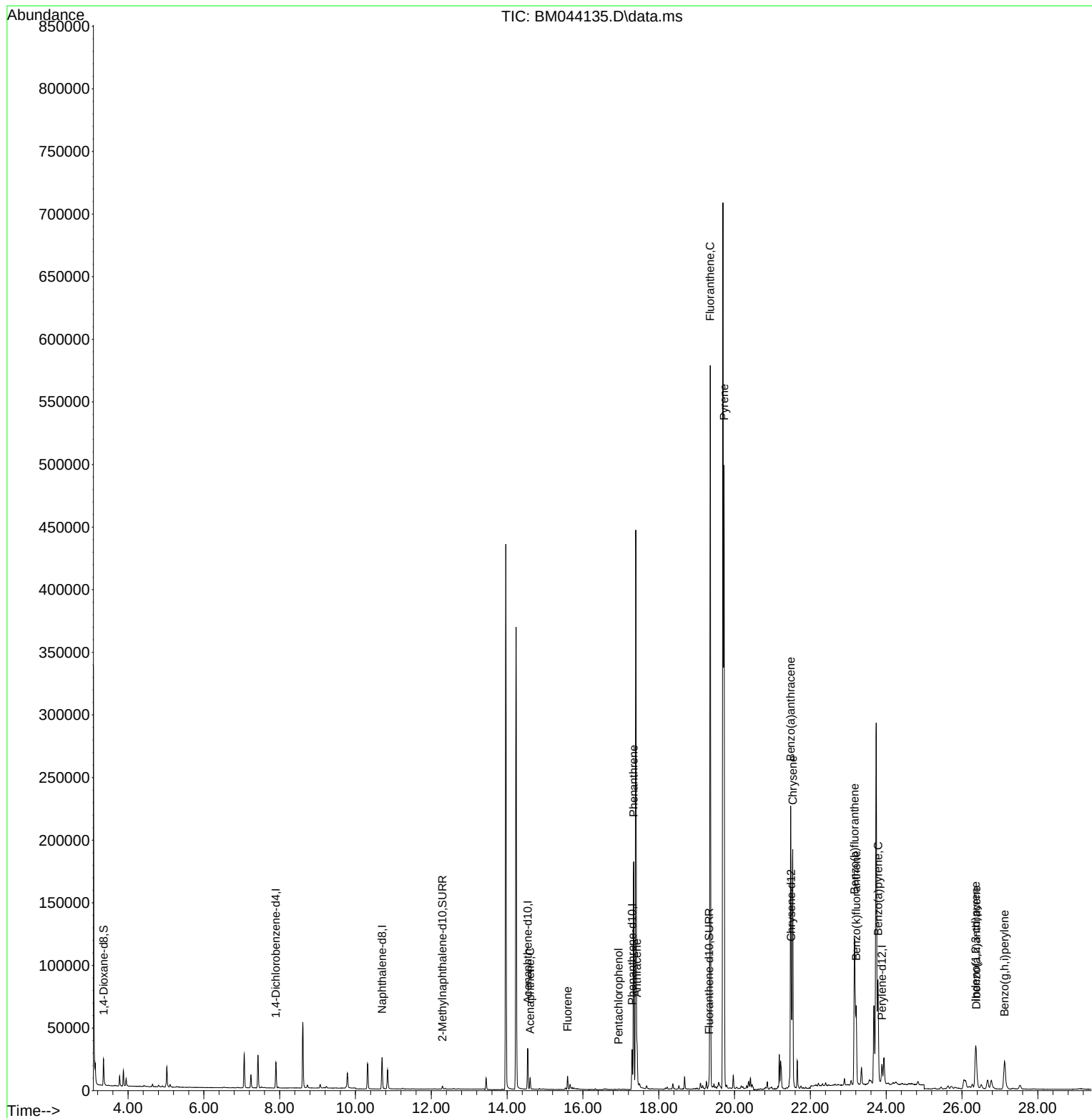
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044135.D
Acq On : 16 Feb 2024 12:44
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ALS Vial : 45 Sample Multiplier: 1

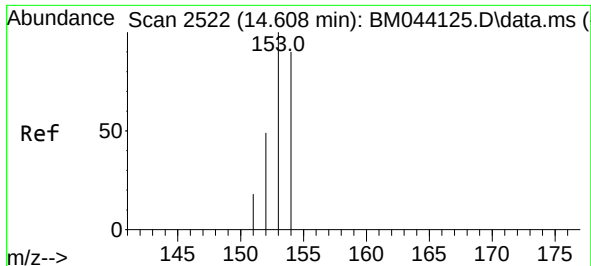
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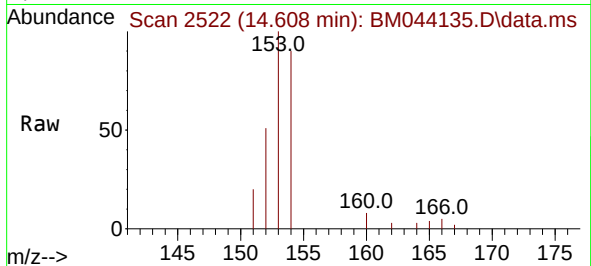
Quant Time: Feb 16 22:38:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
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#11
Acenaphthene
Concen: 0.073 ng/u1
RT: 14.608 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM044135.D
Acq: 16 Feb 2024 12:44

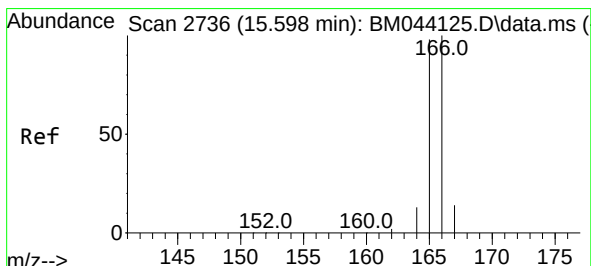
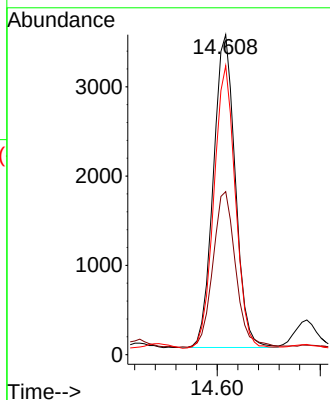
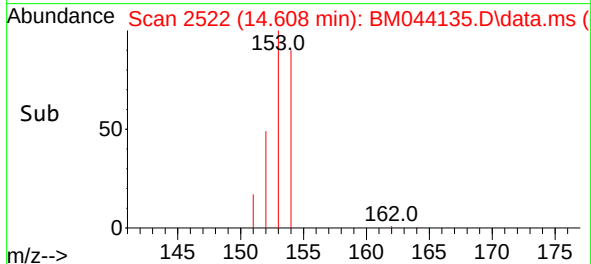
Instrument :
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ClientSampleId :
C0FL5DL



Tgt Ion:153 Resp: 5174
Ion Ratio Lower Upper
153 100
152 50.9 40.6 61.0
154 90.3 70.1 105.1

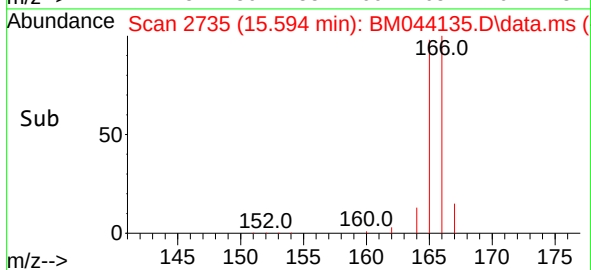
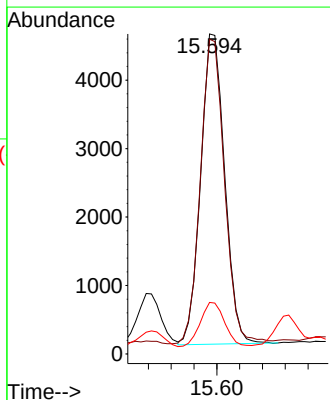
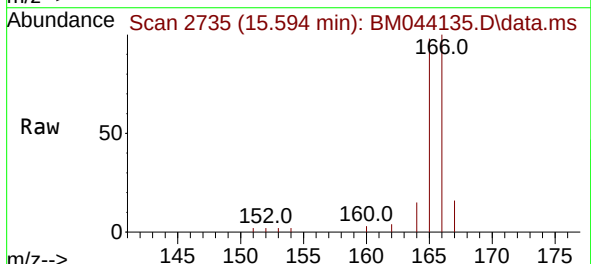
Manual Integrations
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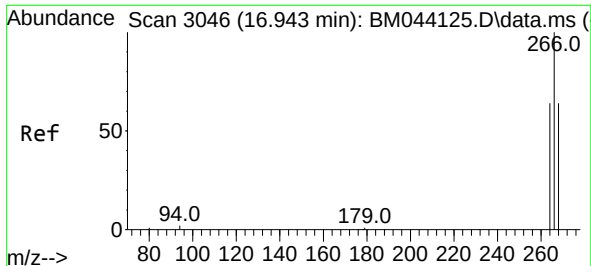
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#12
Fluorene
Concen: 0.083 ng/u1
RT: 15.594 min Scan# 2735
Delta R.T. -0.004 min
Lab File: BM044135.D
Acq: 16 Feb 2024 12:44

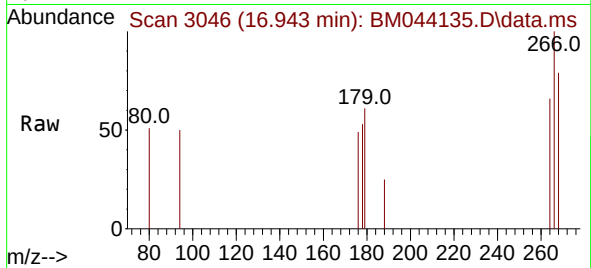
Tgt Ion:166 Resp: 6606
Ion Ratio Lower Upper
166 100
165 98.4 79.8 119.6
167 16.1 11.1 16.7





#14
Pentachlorophenol
Concen: 0.029 ng/uI
RT: 16.943 min Scan# 3046
Delta R.T. -0.003 min
Lab File: BM044135.D
Acq: 16 Feb 2024 12:44

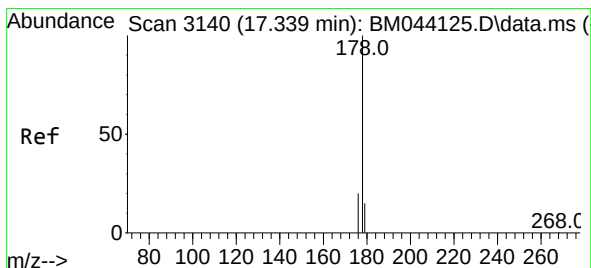
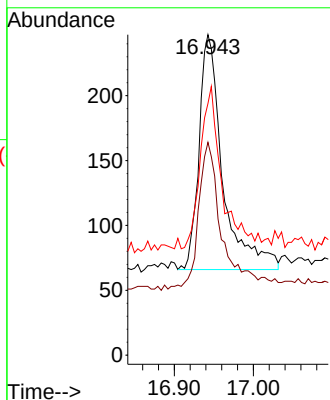
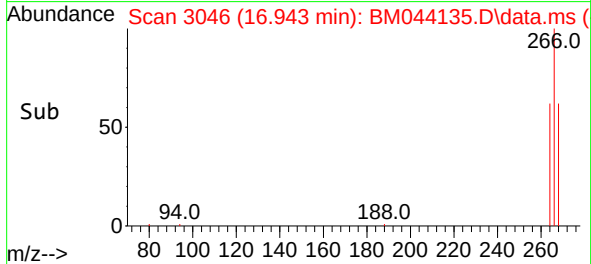
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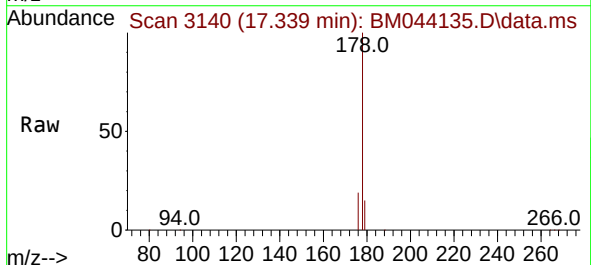
Tgt Ion:266 Resp: 375
Ion Ratio Lower Upper
266 100
264 65.5 49.4 74.0
268 63.9 52.1 78.1

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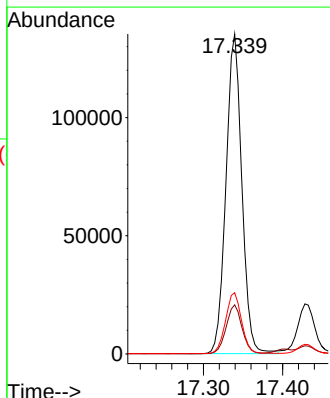
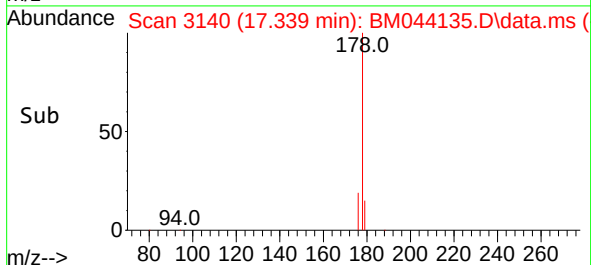
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

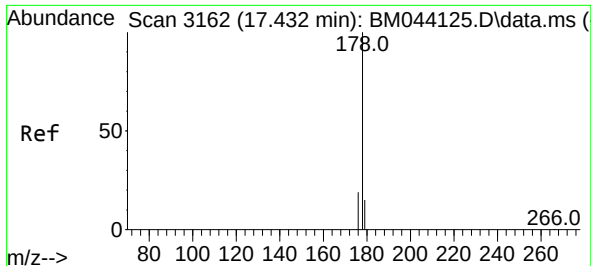


#15
Phenanthrene
Concen: 1.630 ng/uI
RT: 17.339 min Scan# 3140
Delta R.T. 0.001 min
Lab File: BM044135.D
Acq: 16 Feb 2024 12:44



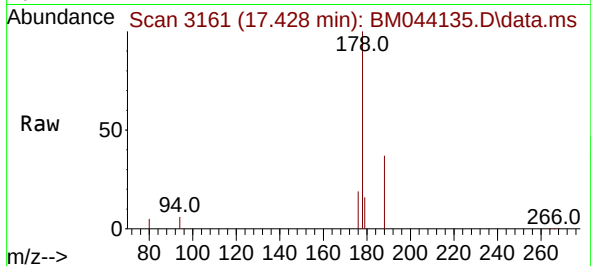
Tgt Ion:178 Resp: 188566
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.1 16.0 24.0





#16
 Anthracene
 Concen: 0.266 ng/ul
 RT: 17.428 min Scan# 3161
 Delta R.T. -0.008 min
 Lab File: BM044135.D
 Acq: 16 Feb 2024 12:44

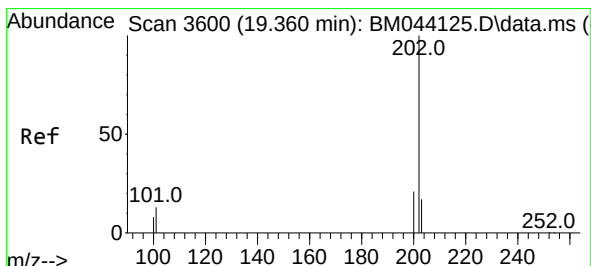
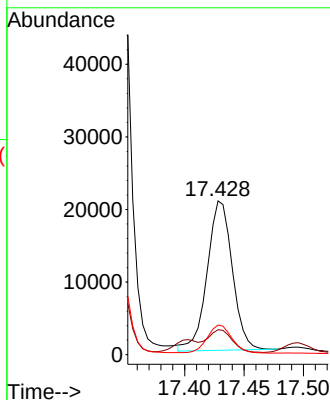
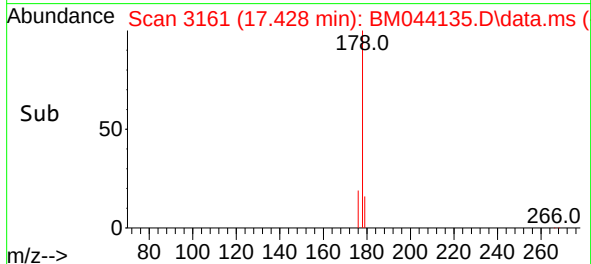
Instrument :
 BNA_M
 ClientSampleId :
 C0FL5DL



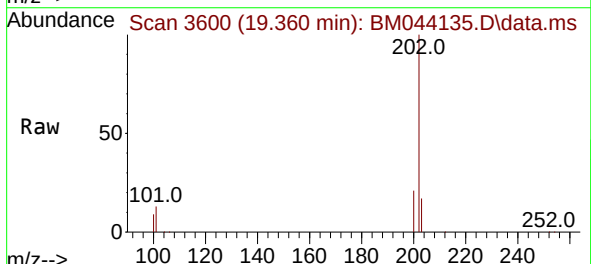
Tgt Ion:178 Resp: 30418
 Ion Ratio Lower Upper
 178 100
 179 16.3 12.8 19.2
 176 19.3 15.3 22.9

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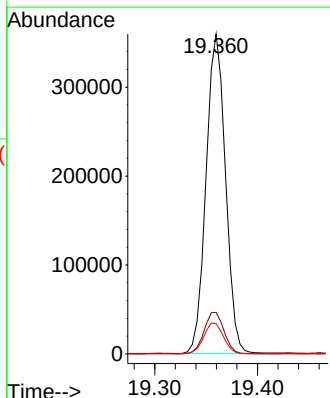
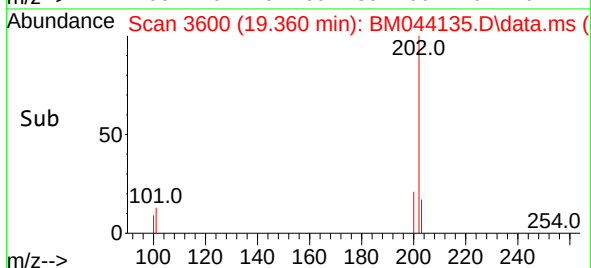
Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/19/2024

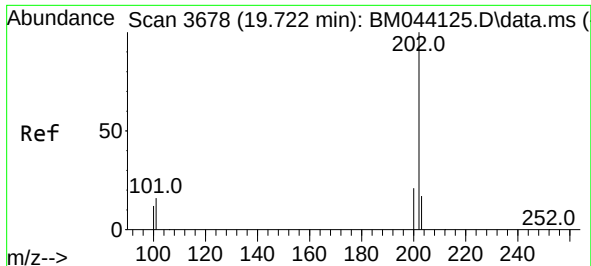


#19
 Fluoranthene
 Concen: 4.394 ng/ul
 RT: 19.360 min Scan# 3600
 Delta R.T. -0.004 min
 Lab File: BM044135.D
 Acq: 16 Feb 2024 12:44



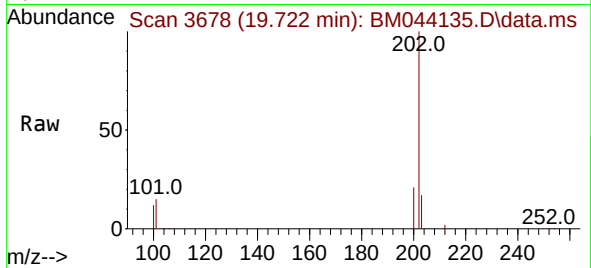
Tgt Ion:202 Resp: 472492
 Ion Ratio Lower Upper
 202 100
 101 13.0 9.8 14.6
 100 9.5 7.0 10.4





#20
Pyrene
Concen: 3.596 ng/ul
RT: 19.722 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM044135.D
Acq: 16 Feb 2024 12:44

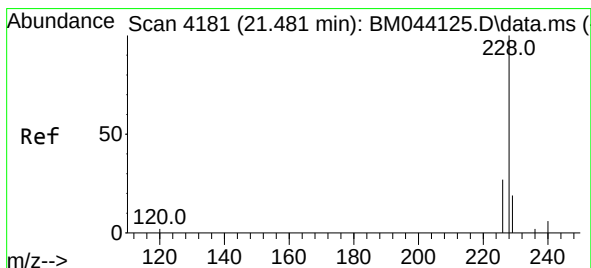
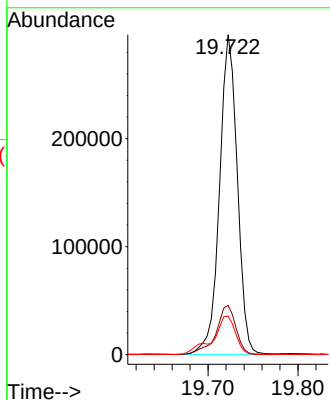
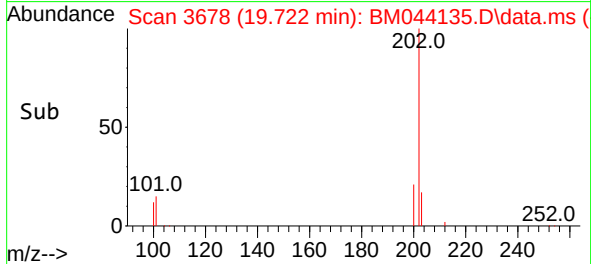
Instrument :
BNA_M
ClientSampleId :
C0FL5DL



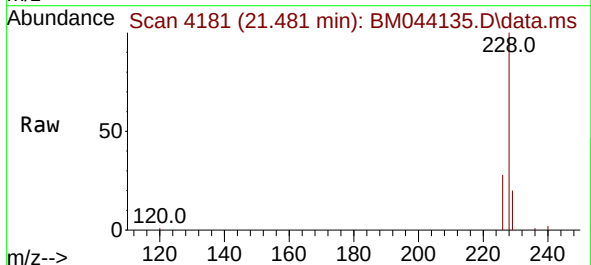
Tgt Ion:202 Resp: 406700
Ion Ratio Lower Upper
202 100
101 15.4 11.2 16.8
100 12.1 8.6 13.0

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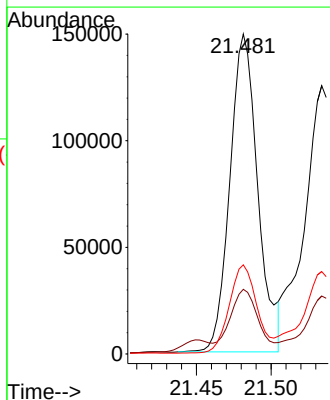
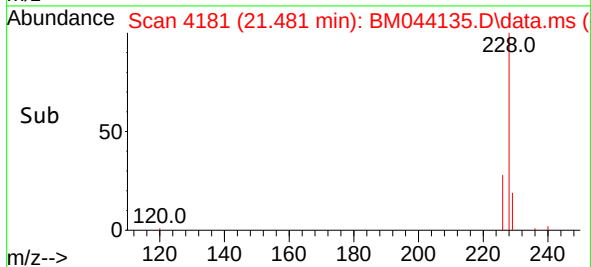
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

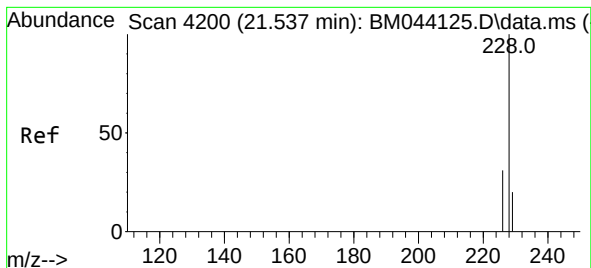


#21
Benzo(a)anthracene
Concen: 1.794 ng/ul
RT: 21.481 min Scan# 4181
Delta R.T. -0.004 min
Lab File: BM044135.D
Acq: 16 Feb 2024 12:44



Tgt Ion:228 Resp: 193815
Ion Ratio Lower Upper
228 100
229 20.2 15.4 23.2
226 27.9 22.1 33.1





#22

Chrysene

Concen: 1.621 ng/ul

RT: 21.534 min Scan# 4199

Delta R.T. -0.004 min

Lab File: BM044135.D

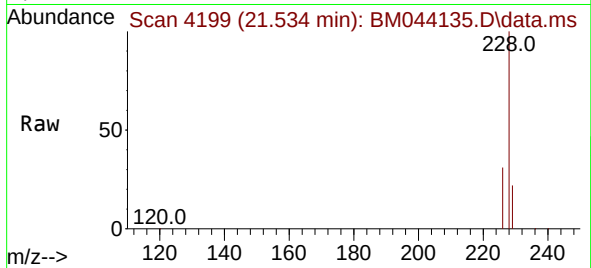
Acq: 16 Feb 2024 12:44

Instrument :

BNA_M

ClientSampleId :

C0FL5DL



Tgt Ion:228 Resp: 18879

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.2

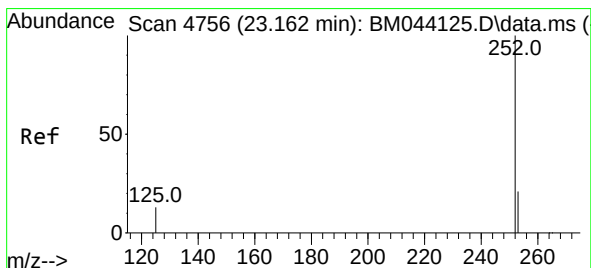
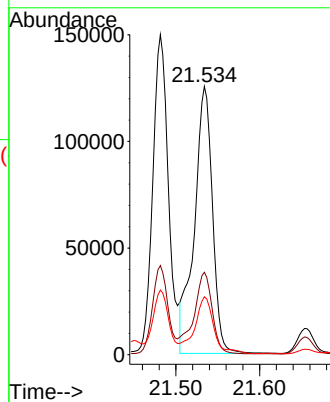
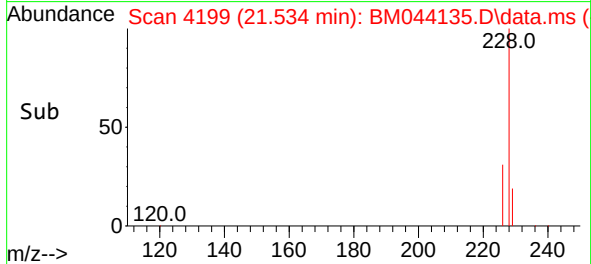
229 21.6 15.8 23.6

Manual Integrations

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Supervised By :mohammad ahmed 02/19/2024



#24

Benzo(b)fluoranthene

Concen: 2.001 ng/ul

RT: 23.165 min Scan# 4757

Delta R.T. 0.002 min

Lab File: BM044135.D

Acq: 16 Feb 2024 12:44

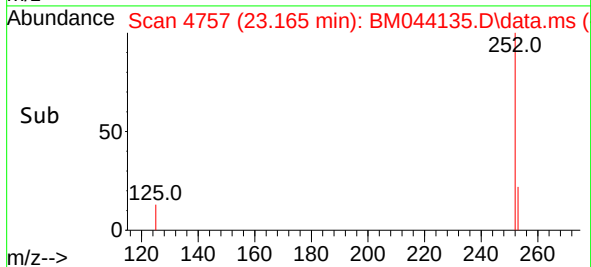
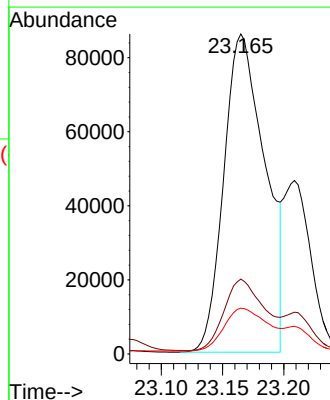
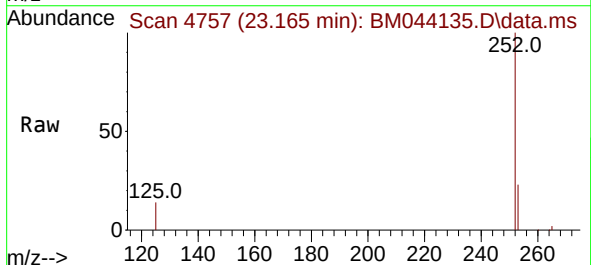
Tgt Ion:252 Resp: 201367

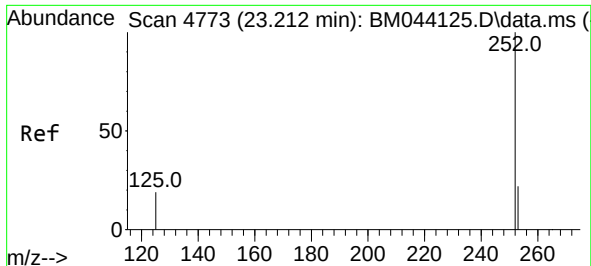
Ion Ratio Lower Upper

252 100

253 23.4 0.0 50.0

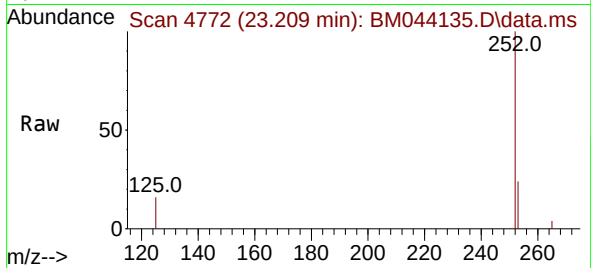
125 14.3 0.0 28.2





#25
Benzo(k)fluoranthene
Concen: 0.678 ng/ul m
RT: 23.209 min Scan# 4772
Delta R.T. -0.004 min
Lab File: BM044135.D
Acq: 16 Feb 2024 12:44

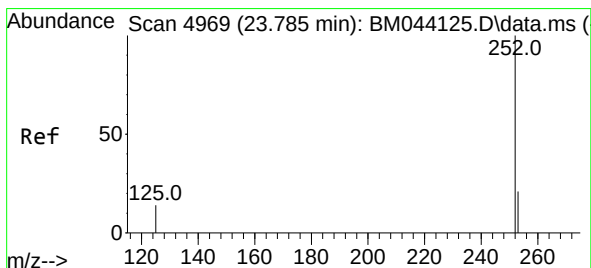
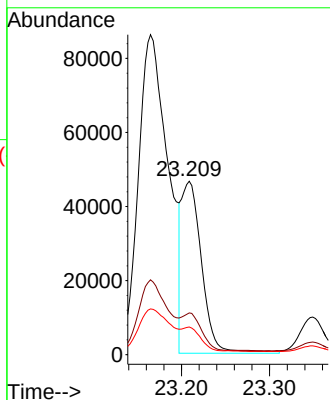
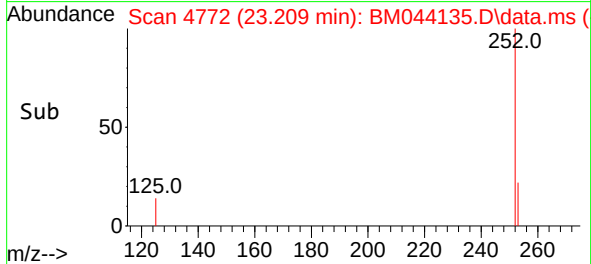
Instrument :
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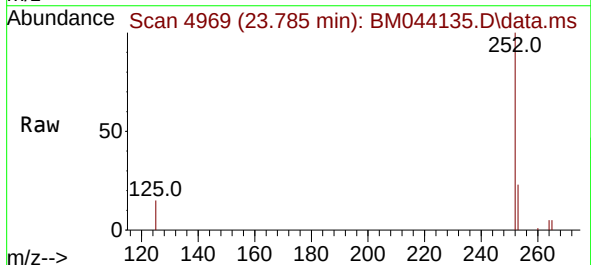
Tgt Ion:252 Resp: 74034
Ion Ratio Lower Upper
252 100
253 24.1 20.1 30.1
125 16.0 12.3 18.5

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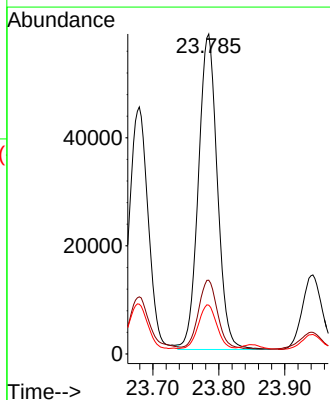
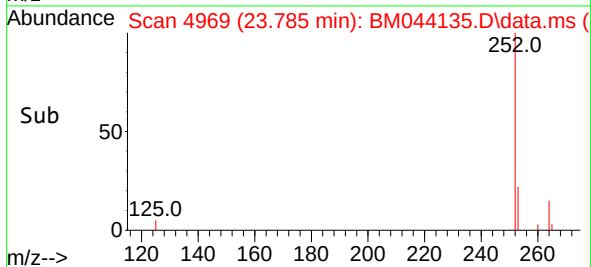
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

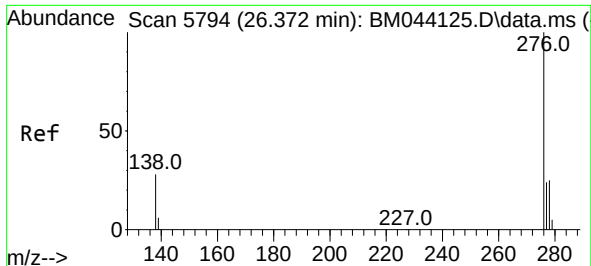


#26
Benzo(a)pyrene
Concen: 1.248 ng/ul
RT: 23.785 min Scan# 4969
Delta R.T. -0.001 min
Lab File: BM044135.D
Acq: 16 Feb 2024 12:44



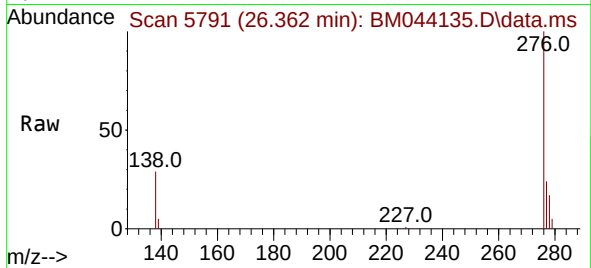
Tgt Ion:252 Resp: 116733
Ion Ratio Lower Upper
252 100
253 23.1 21.4 32.2
125 15.2 13.3 19.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.507 ng/ul
RT: 26.362 min Scan# 5794
Delta R.T. -0.007 min
Lab File: BM044135.D
Acq: 16 Feb 2024 12:44

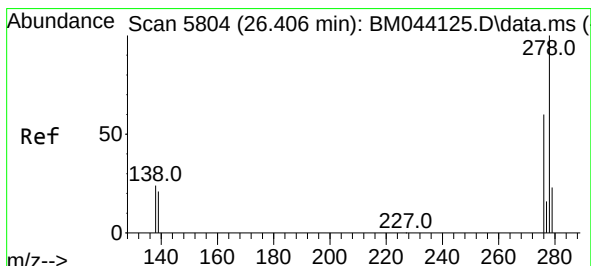
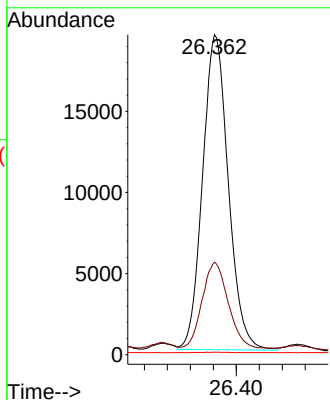
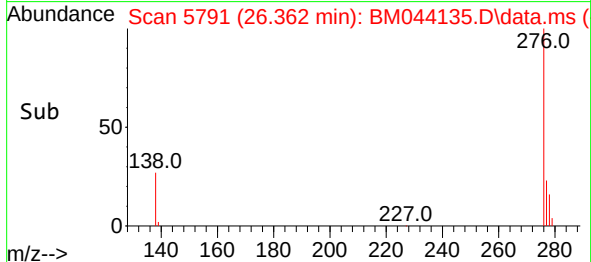
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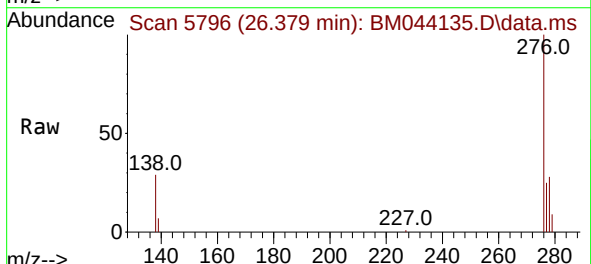
Tgt Ion:276 Resp: 60408
Ion Ratio Lower Upper
276 100
138 28.0 25.2 37.8
227 0.1 0.1 0.1

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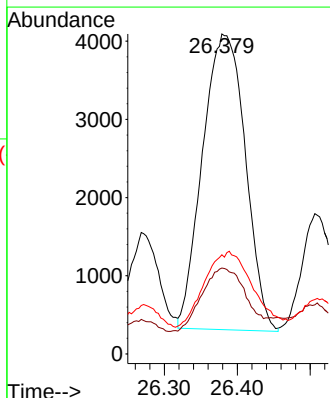
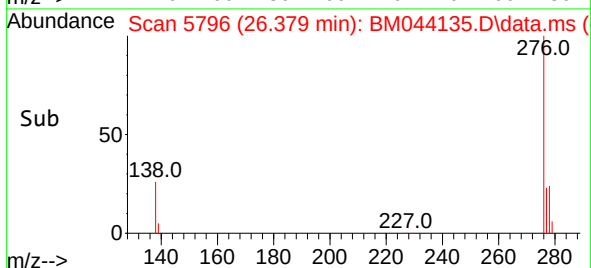
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

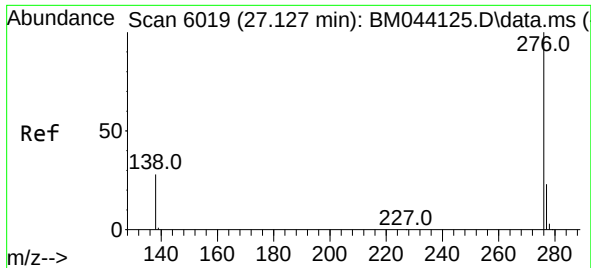


#28
Dibenzo(a,h)anthracene
Concen: 0.165 ng/ul
RT: 26.379 min Scan# 5796
Delta R.T. -0.031 min
Lab File: BM044135.D
Acq: 16 Feb 2024 12:44



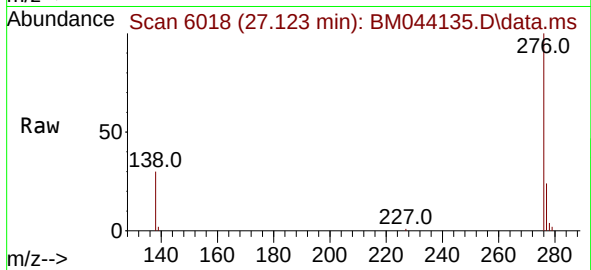
Tgt Ion:278 Resp: 15437
Ion Ratio Lower Upper
278 100
139 26.9 17.8 26.8#
279 31.0 21.8 32.8





#29
Benzo(g,h,i)perylene
Concen: 0.467 ng/ul
RT: 27.123 min Scan# 6018
Delta R.T. -0.004 min
Lab File: BM044135.D
Acq: 16 Feb 2024 12:44

Instrument :
BNA_M
ClientSampleId :
C0FL5DL



Tgt Ion:276 Resp: 49239
Ion Ratio Lower Upper
276 100
138 30.3 22.7 34.1
277 24.2 19.0 28.6

Manual Integrations
APPROVED

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

