

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
 Data File : BM042962.D
 Acq On : 22 Nov 2023 21:09
 Operator : MA/JU
 Sample : 05268-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKC9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/25/2023
 Supervised By :mohammad ahmed 11/25/2023

Quant Time: Nov 23 00:12:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 22 10:35:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	646	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.616	136	1629	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.459	164	1117	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.216	188	2517m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.406	240	1695m	0.400	ng/ul	0.00
23) Perylene-d12	23.759	264	4167	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	3613	3.559	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.211	152	963	0.469	ng/ul	-0.02
18) Fluoranthene-d10	19.243	212	2721	0.493	ng/ul	-0.01
Target Compounds						
5) Naphthalene	10.660	128	52403	10.212	ng/ul#	86
7) 2-Methylnaphthalene	12.283	142	1252	0.417	ng/ul	94
8) 1-Methylnaphthalene	12.497	142	17135	5.427	ng/ul	99
10) Acenaphthylene	14.186	152	7941	1.070	ng/ul	97
11) Acenaphthene	14.524	153	216932	41.693	ng/ul	97
12) Fluorene	15.509	166	15137	2.707	ng/ul	95
14) Pentachlorophenol	16.853	266	3515	2.512	ng/ul	96
15) Phenanthrene	17.254	178	4403m	0.498	ng/ul	
16) Anthracene	17.351	178	2079	0.227	ng/ul	98
19) Fluoranthene	19.275	202	3051	0.285	ng/ul	95
20) Pyrene	19.642	202	1198	0.104	ng/ul#	74

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

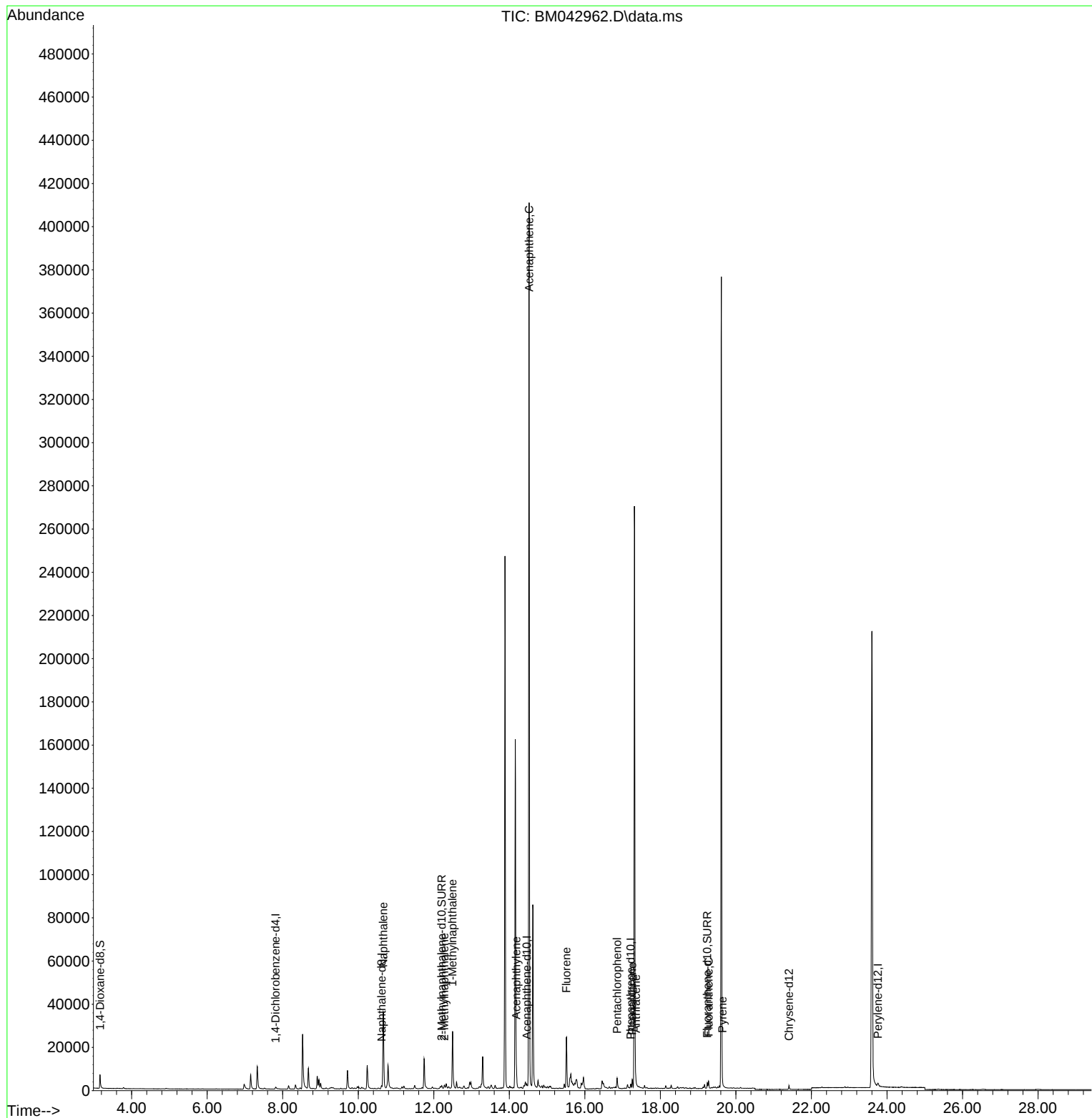
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
Data File : BM042962.D
Acq On : 22 Nov 2023 21:09
Operator : MA/JU
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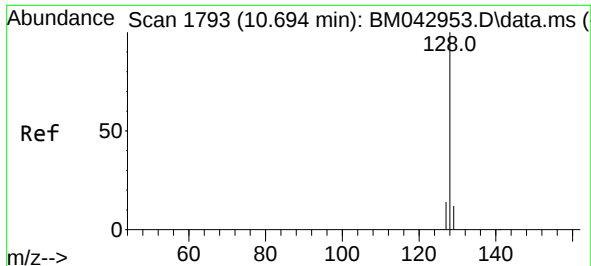
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Nov 23 00:12:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 22 10:35:26 2023
Response via : Initial Calibration

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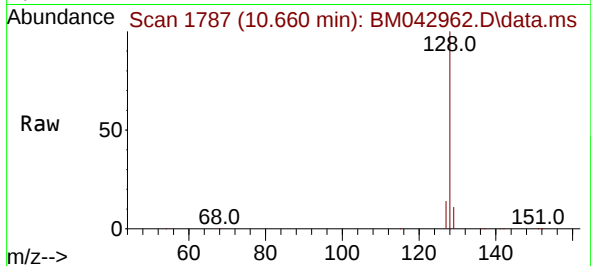
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023





#5
Naphthalene
Concen: 10.212 ng/ul
RT: 10.660 min Scan# 1787
Delta R.T. -0.022 min
Lab File: BM042962.D
Acq: 22 Nov 2023 21:09

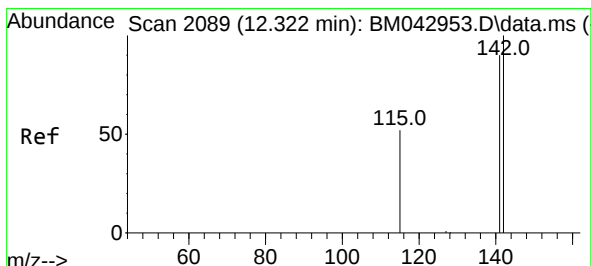
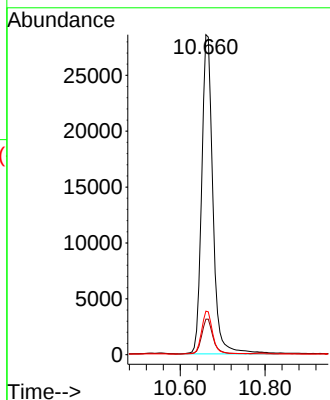
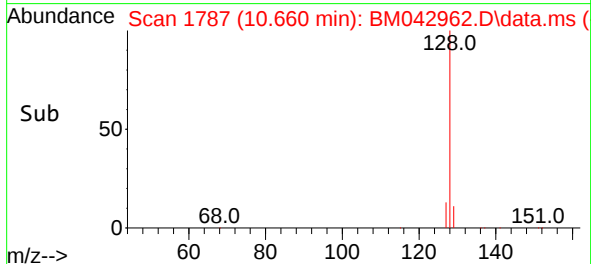
Instrument :
BNA_M
ClientSampleId :
DCKC9



Tgt Ion:128 Resp: 52400
Ion Ratio Lower Upper
128 100
129 11.1 14.2 21.4
127 13.6 15.8 23.6

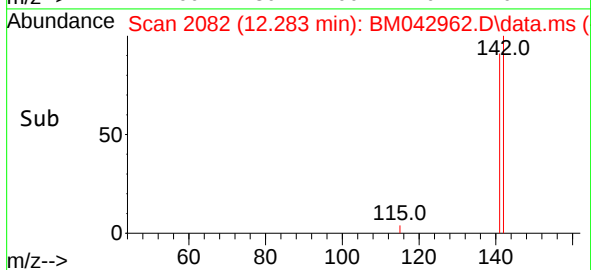
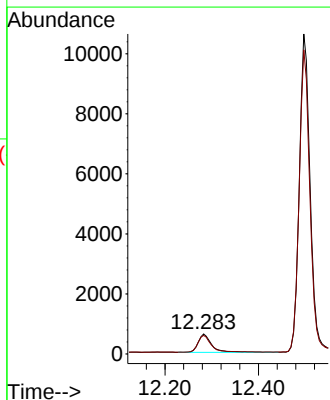
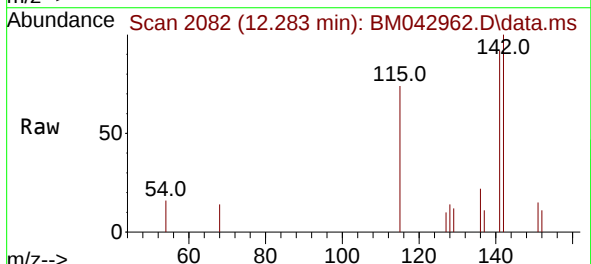
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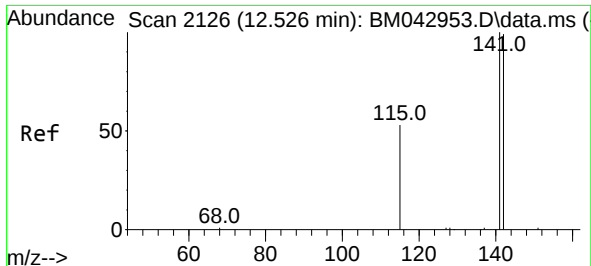
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023



#7
2-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.283 min Scan# 2082
Delta R.T. -0.027 min
Lab File: BM042962.D
Acq: 22 Nov 2023 21:09

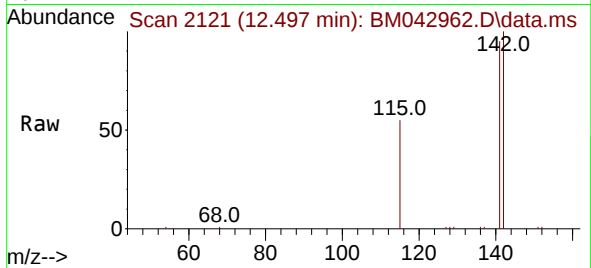
Tgt Ion:142 Resp: 1252
Ion Ratio Lower Upper
142 100
141 90.3 77.2 115.8





#8
1-Methylnaphthalene
Concen: 5.427 ng/ul
RT: 12.497 min Scan# 2126
Delta R.T. -0.022 min
Lab File: BM042962.D
Acq: 22 Nov 2023 21:09

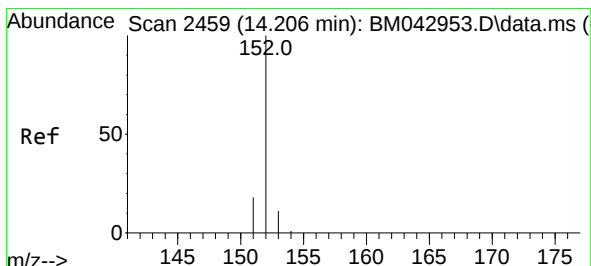
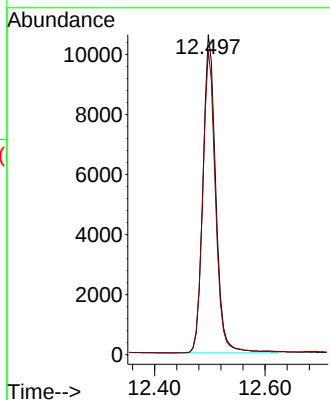
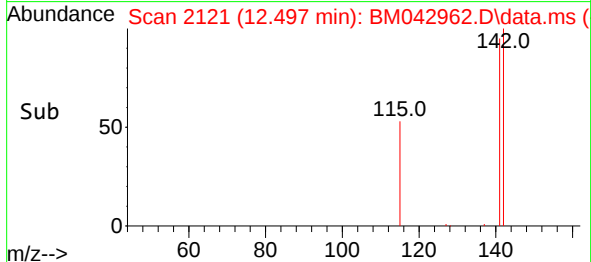
Instrument :
BNA_M
ClientSampleId :
DCKC9



Tgt Ion:142 Resp: 1713
Ion Ratio Lower Upper
142 100
141 94.3 74.6 112.0

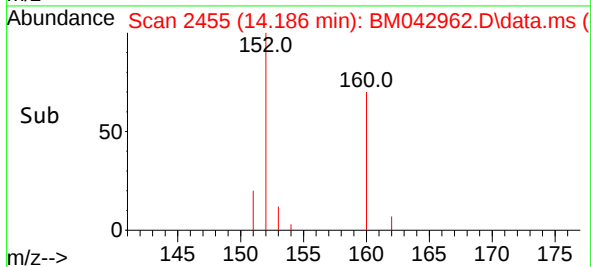
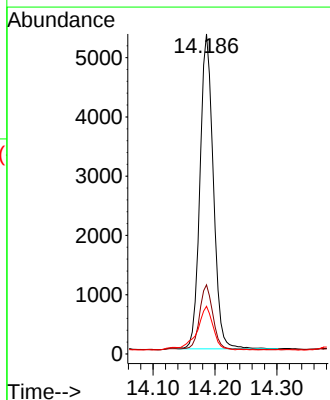
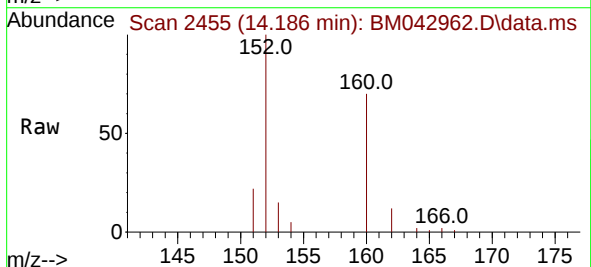
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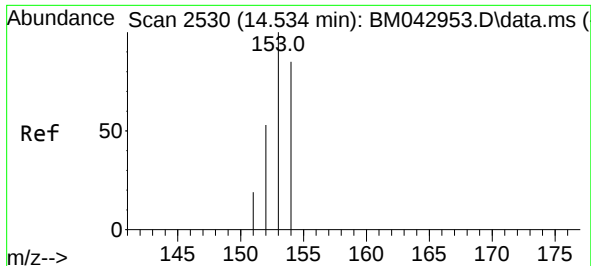
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023



#10
Acenaphthylene
Concen: 1.070 ng/ul
RT: 14.186 min Scan# 2455
Delta R.T. -0.014 min
Lab File: BM042962.D
Acq: 22 Nov 2023 21:09

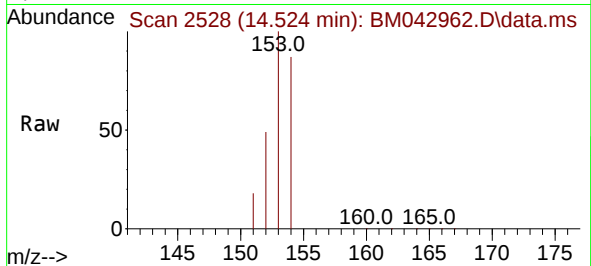
Tgt Ion:152 Resp: 7941
Ion Ratio Lower Upper
152 100
151 21.6 18.5 27.7
153 14.9 12.9 19.3





#11
Acenaphthene
Concen: 41.693 ng/ul
RT: 14.524 min Scan# 21693
Delta R.T. -0.009 min
Lab File: BM042962.D
Acq: 22 Nov 2023 21:09

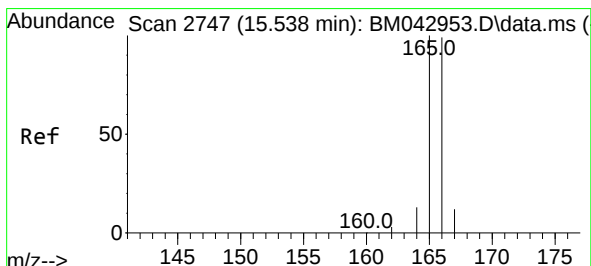
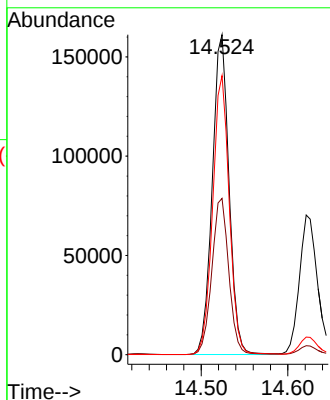
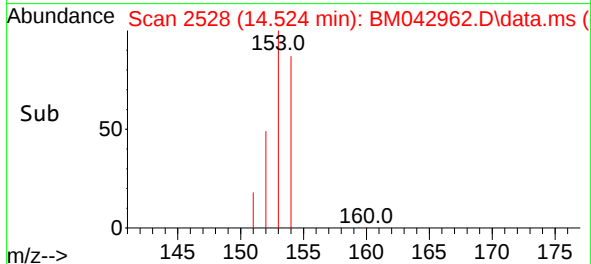
Instrument :
BNA_M
ClientSampleId :
DCKC9



Tgt Ion:153 Resp: 21693
Ion Ratio Lower Upper
153 100
152 48.9 43.3 64.9
154 87.2 70.6 105.8

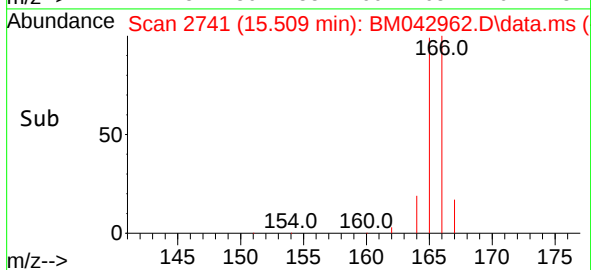
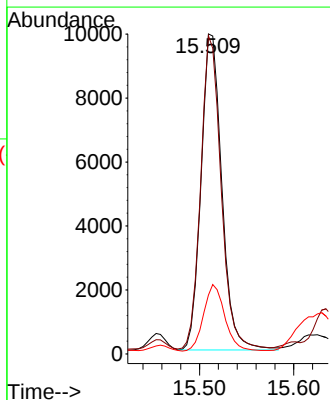
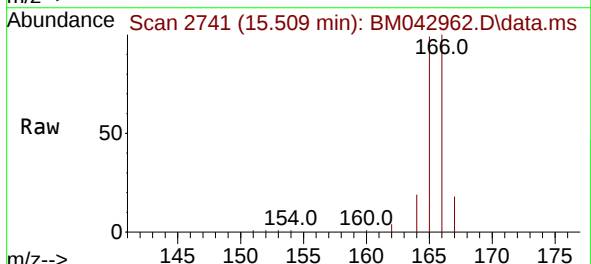
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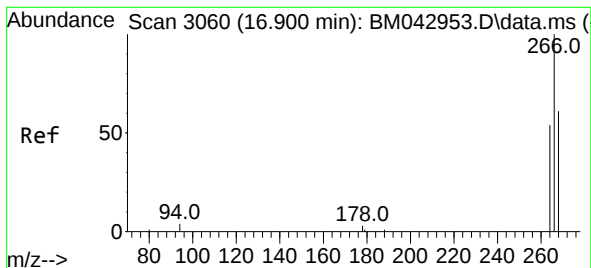
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023



#12
Fluorene
Concen: 2.707 ng/ul
RT: 15.509 min Scan# 2741
Delta R.T. -0.018 min
Lab File: BM042962.D
Acq: 22 Nov 2023 21:09

Tgt Ion:166 Resp: 15137
Ion Ratio Lower Upper
166 100
165 99.5 84.3 126.5
167 18.4 15.0 22.6





#14

Pentachlorophenol

Concen: 2.512 ng/ul

RT: 16.853 min Scan# 3060

Delta R.T. -0.038 min

Lab File: BM042962.D

Acq: 22 Nov 2023 21:09

Instrument :

BNA_M

ClientSampleId :

DCKC9

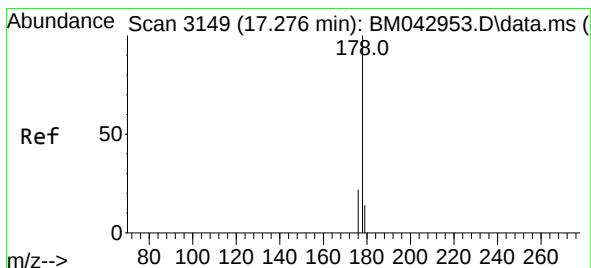
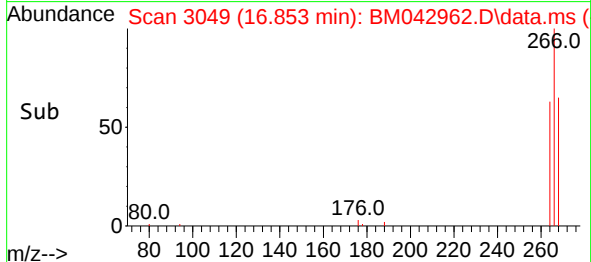
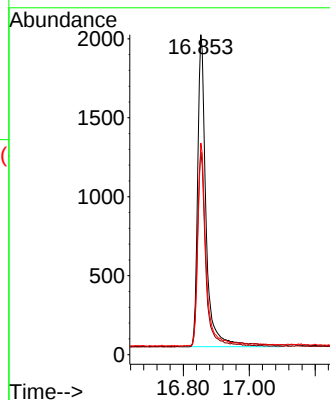
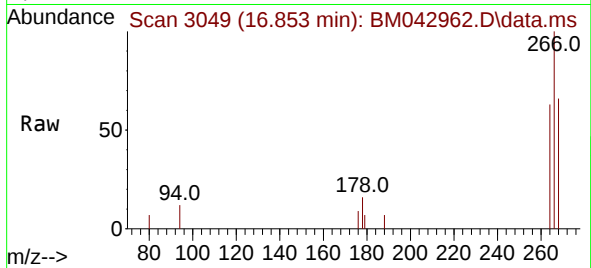
Tgt Ion:	266	Resp:	351
Ion Ratio	Lower	Upper	
266	100		
264	62.0	52.2	78.2
268	63.0	48.0	72.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/25/2023



#15

Phenanthrene

Concen: 0.498 ng/ul m

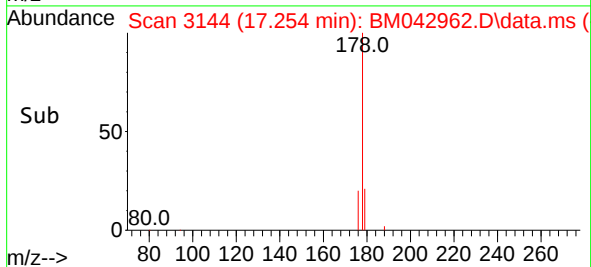
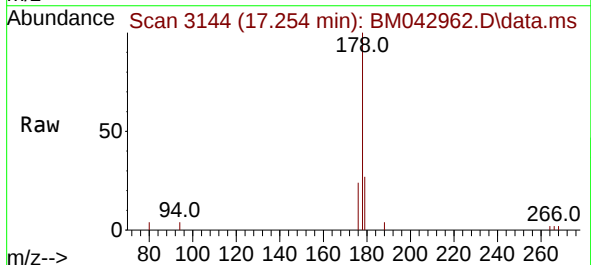
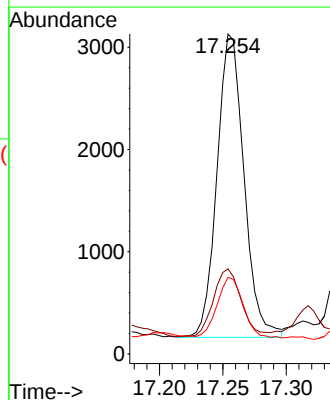
RT: 17.254 min Scan# 3144

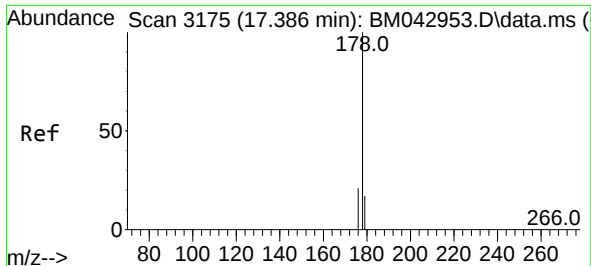
Delta R.T. -0.017 min

Lab File: BM042962.D

Acq: 22 Nov 2023 21:09

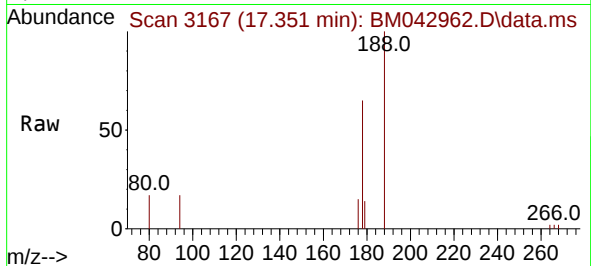
Tgt Ion:	178	Resp:	4403
Ion Ratio	Lower	Upper	
178	100		
179	26.6	14.9	22.3
176	23.9	18.6	27.8





#16
 Anthracene
 Concen: 0.227 ng/ul
 RT: 17.351 min Scan# 3175
 Delta R.T. -0.021 min
 Lab File: BM042962.D
 Acq: 22 Nov 2023 21:09

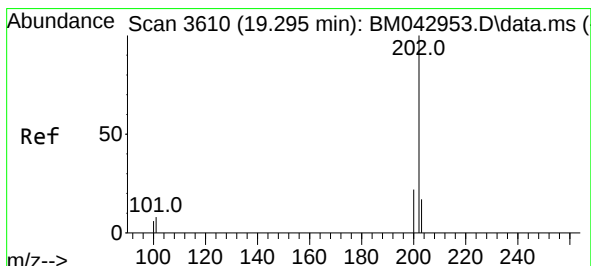
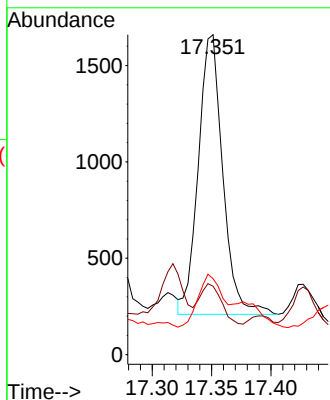
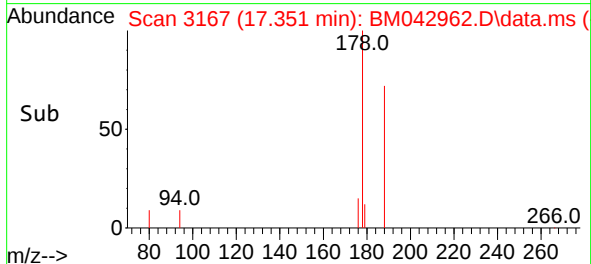
Instrument :
 BNA_M
 ClientSampleId :
 DCKC9



Tgt Ion:178 Resp: 2079
 Ion Ratio Lower Upper
 178 100
 179 21.4 16.6 24.8
 176 23.7 20.3 30.5

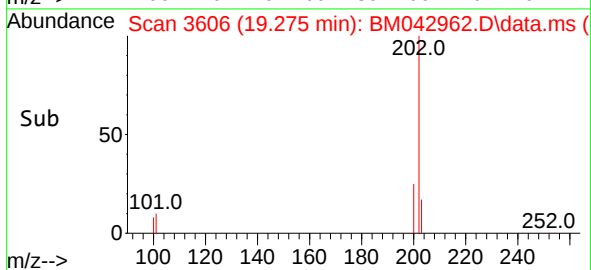
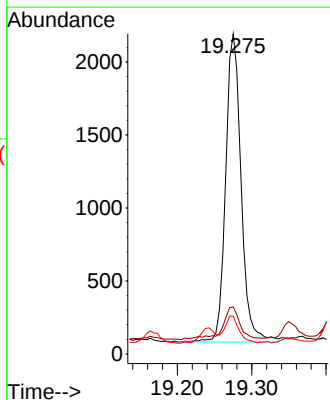
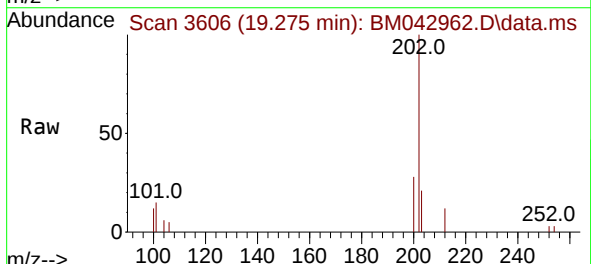
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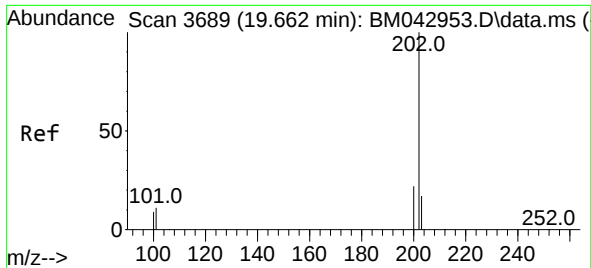
Reviewed By :Yogesh Patel 11/25/2023
 Supervised By :mohammad ahmed 11/25/2023



#19
 Fluoranthene
 Concen: 0.285 ng/ul
 RT: 19.275 min Scan# 3606
 Delta R.T. -0.009 min
 Lab File: BM042962.D
 Acq: 22 Nov 2023 21:09

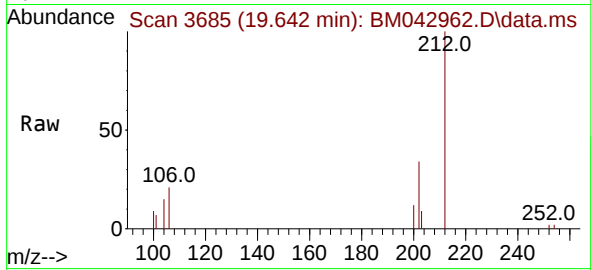
Tgt Ion:202 Resp: 3051
 Ion Ratio Lower Upper
 202 100
 101 14.7 10.2 15.4
 100 11.8 8.2 12.2





#20
Pyrene
Concen: 0.104 ng/ul
RT: 19.642 min Scan# 30
Delta R.T. -0.009 min
Lab File: BM042962.D
Acq: 22 Nov 2023 21:09

Instrument :
BNA_M
ClientSampleId :
DCKC9



Tgt Ion:202 Resp: 1198
Ion Ratio Lower Upper
202 100
101 21.3 11.2 16.8
100 26.7 10.3 15.5

Manual Integrations
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