

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040553.D
 Acq On : 02 Jul 2023 23:46
 Operator : MA/JU
 Sample : 03243-18
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGD8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 03 02:37:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	11579	0.400	ng/ul	0.00
4) Naphthalene-d8	10.734	136	42294	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.572	164	21978	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.319	188	44300	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	26979	0.400	ng/ul	0.00
23) Perylene-d12	23.914	264	27970	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	33862	1.862	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	7956	0.134	ng/ul	-0.01
18) Fluoranthene-d10	19.347	212	15821	0.183	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.783	128	2592	0.022	ng/ul#	78
7) 2-Methylnaphthalene	12.400	142	1732	0.025	ng/ul	97
10) Acenaphthylene	14.290	152	5164	0.053	ng/ul#	90
15) Phenanthrene	17.362	178	34370	0.250	ng/ul	99
16) Anthracene	17.450	178	4751	0.041	ng/ul#	89
19) Fluoranthene	19.375	202	91223	0.796	ng/ul	97
20) Pyrene	19.737	202	69999	0.570	ng/ul	98
21) Benzo(a)anthracene	21.483	228	37864	0.415	ng/ul	94
22) Chrysene	21.538	228	37962	0.365	ng/ul#	94
24) Benzo(b)fluoranthene	23.178	252	58620	0.542	ng/ul	93
25) Benzo(k)fluoranthene	23.219	252	22768m	0.213	ng/ul	
26) Benzo(a)pyrene	23.803	252	36916	0.379	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.414	276	33740	0.248	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.420	278	8084	0.076	ng/ul#	32
29) Benzo(g,h,i)perylene	27.195	276	31801	0.267	ng/ul#	91

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

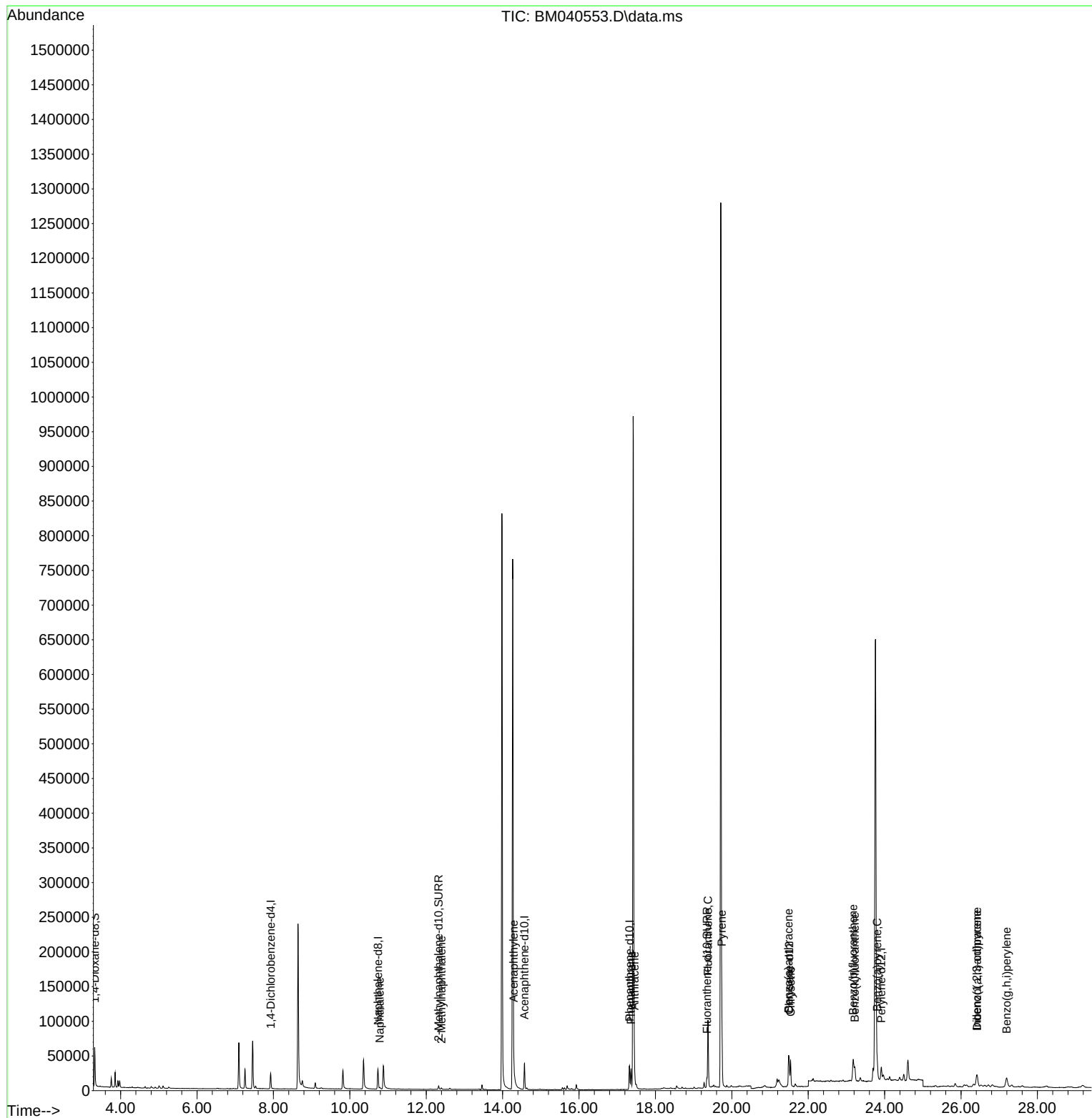
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040553.D
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Sample : 03243-18
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ALS Vial : 58 Sample Multiplier: 1

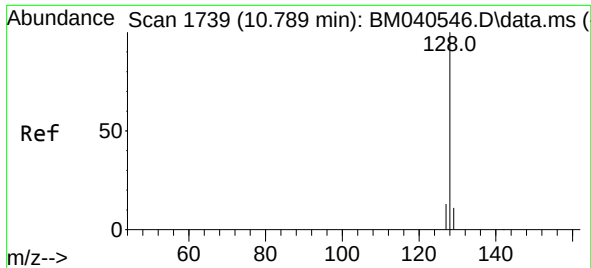
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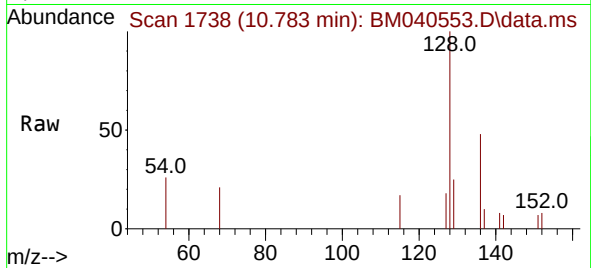
Quant Time: Jul 03 02:37:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
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#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.783 min Scan# 1738
Delta R.T. -0.011 min
Lab File: BM040553.D
Acq: 02 Jul 2023 23:46

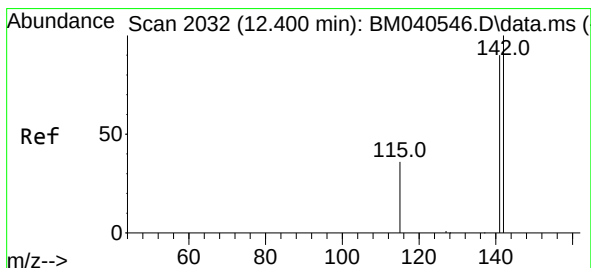
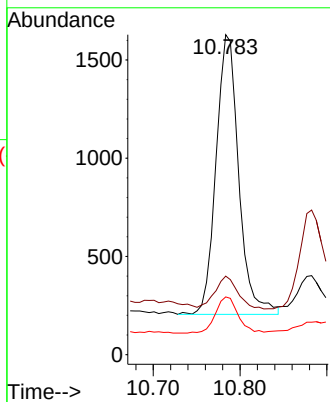
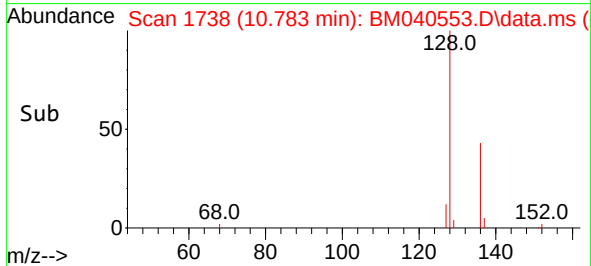
Instrument :
BNA_M
ClientSampleId :
DCGD8



Tgt Ion:128 Resp: 2592
Ion Ratio Lower Upper
128 100
129 24.6 9.2 13.8
127 18.0 10.6 15.8

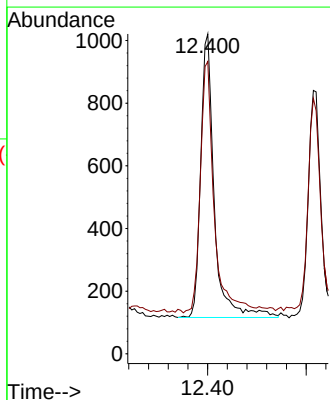
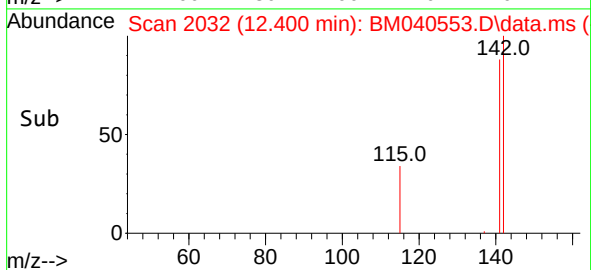
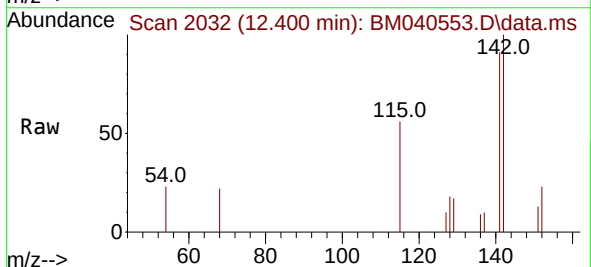
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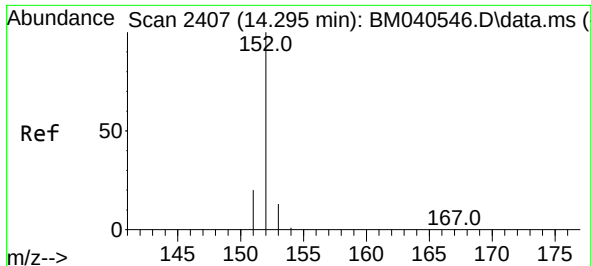
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.400 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BM040553.D
Acq: 02 Jul 2023 23:46

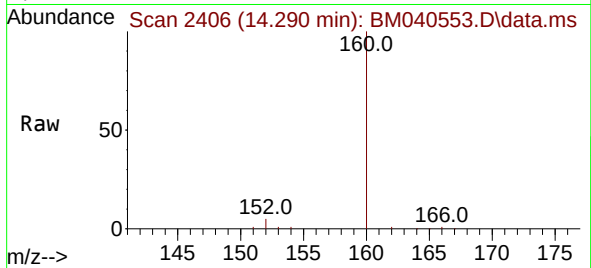
Tgt Ion:142 Resp: 1732
Ion Ratio Lower Upper
142 100
141 92.3 71.9 107.9





#10
Acenaphthylene
Concen: 0.053 ng/ul
RT: 14.290 min Scan# 2407
Delta R.T. -0.009 min
Lab File: BM040553.D
Acq: 02 Jul 2023 23:46

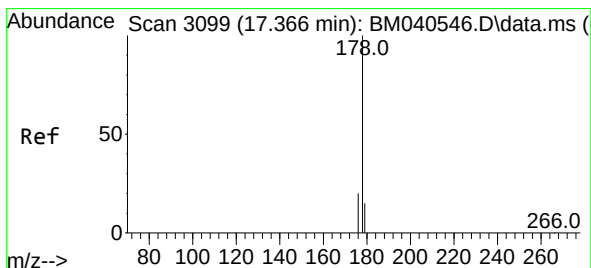
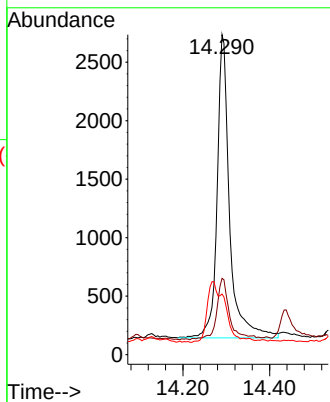
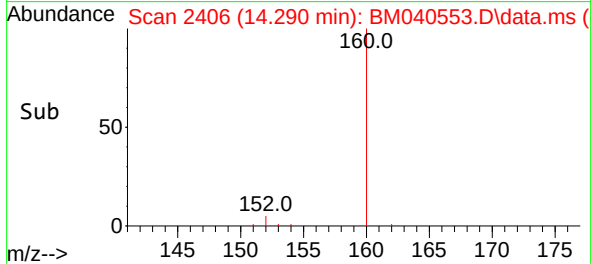
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 5164
Ion Ratio Lower Upper
152 100
151 23.8 16.2 24.2
153 18.9 10.9 16.3

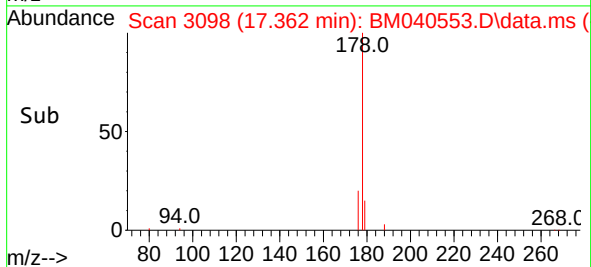
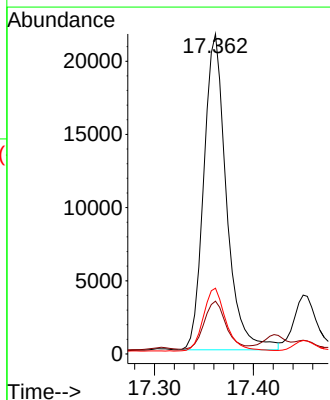
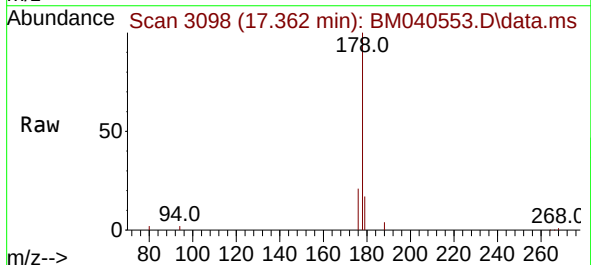
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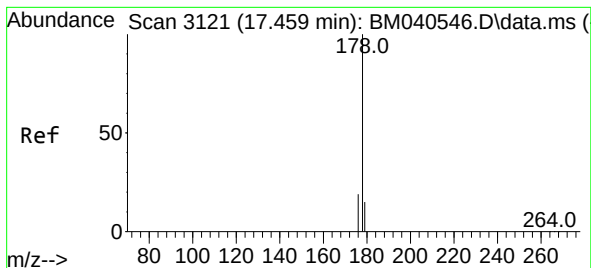
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#15
Phenanthrene
Concen: 0.250 ng/ul
RT: 17.362 min Scan# 3098
Delta R.T. -0.008 min
Lab File: BM040553.D
Acq: 02 Jul 2023 23:46

Tgt Ion:178 Resp: 34370
Ion Ratio Lower Upper
178 100
179 16.5 12.8 19.2
176 20.5 16.4 24.6





#16

Anthracene

Concen: 0.041 ng/ul

RT: 17.450 min Scan# 3119

Delta R.T. -0.013 min

Lab File: BM040553.D

Acq: 02 Jul 2023 23:46

Instrument :

BNA_M

ClientSampleId :

DCGD8

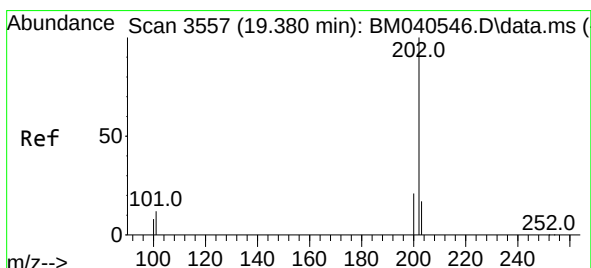
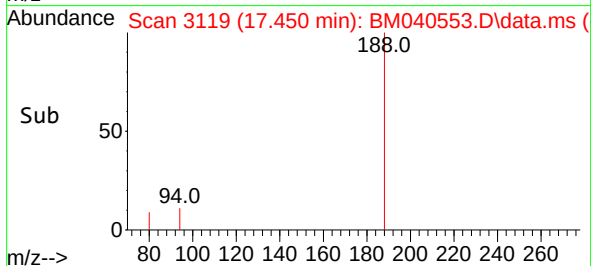
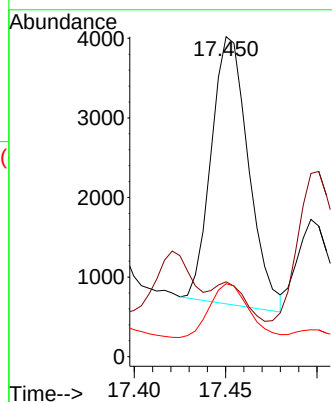
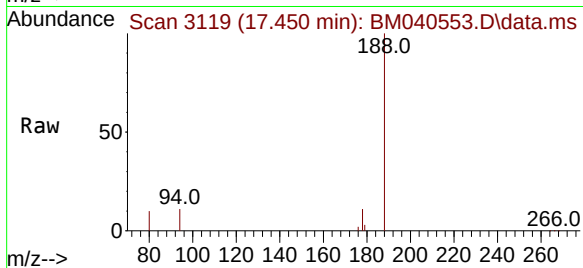
Tgt Ion:178	Resp:	475
Ion Ratio	Lower	Upper
178	100	
179	23.4	12.9 19.3
176	22.8	15.8 23.6

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Supervised By :mohammad ahmed 07/03/2023



#19

Fluoranthene

Concen: 0.796 ng/ul

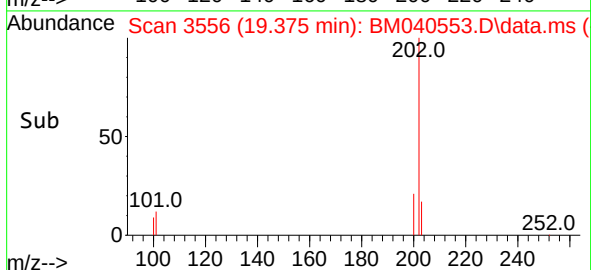
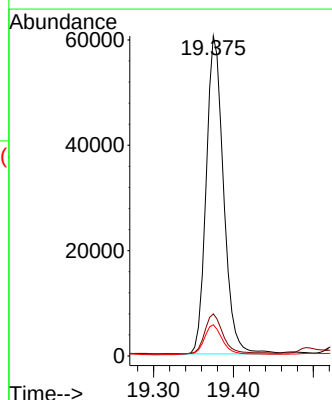
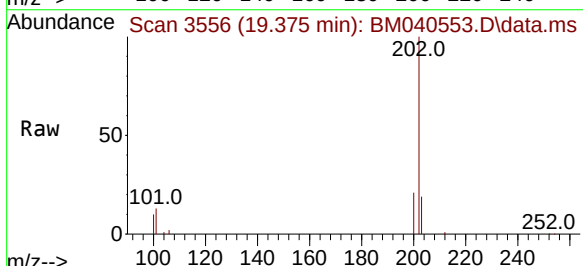
RT: 19.375 min Scan# 3556

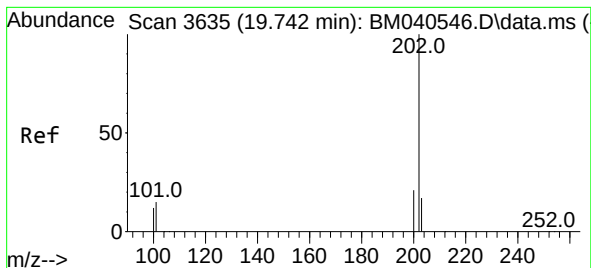
Delta R.T. -0.009 min

Lab File: BM040553.D

Acq: 02 Jul 2023 23:46

Tgt Ion:202	Resp:	91223
Ion Ratio	Lower	Upper
202	100	
101	13.1	11.4 17.0
100	9.8	8.7 13.1





#20

Pyrene

Concen: 0.570 ng/ul

RT: 19.737 min Scan# 30

Delta R.T. -0.009 min

Lab File: BM040553.D

Acq: 02 Jul 2023 23:46

Instrument :

BNA_M

ClientSampleId :

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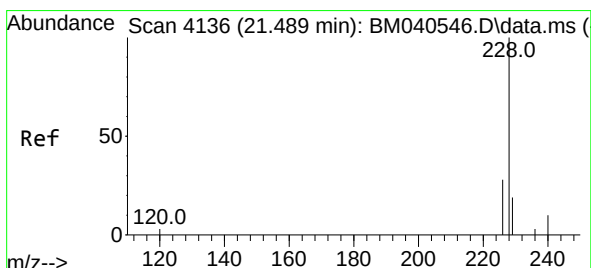
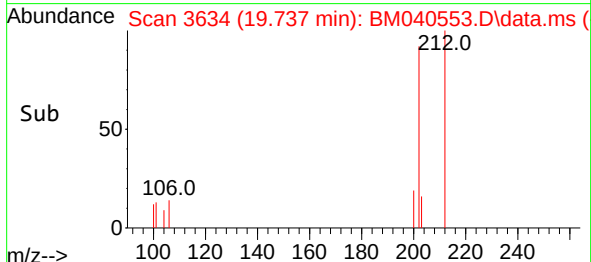
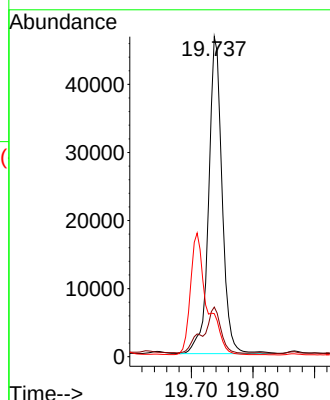
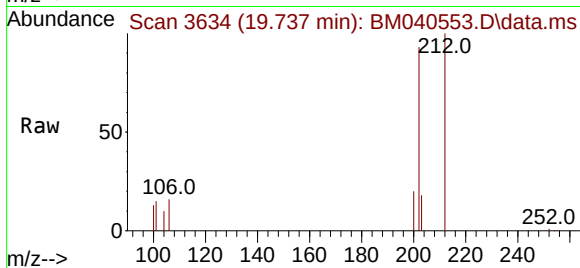
Tgt Ion:	202	Resp:	6999
Ion Ratio	Lower	Upper	
202	100		
101	15.5	12.6	18.8
100	13.5	9.8	14.6

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#21

Benzo(a)anthracene

Concen: 0.415 ng/ul

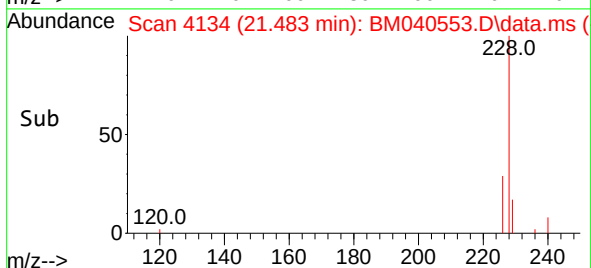
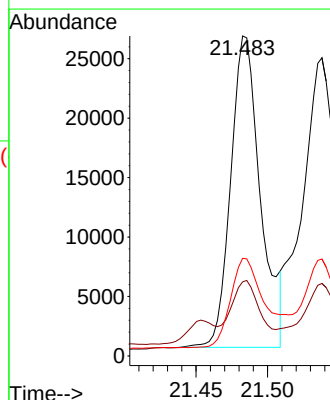
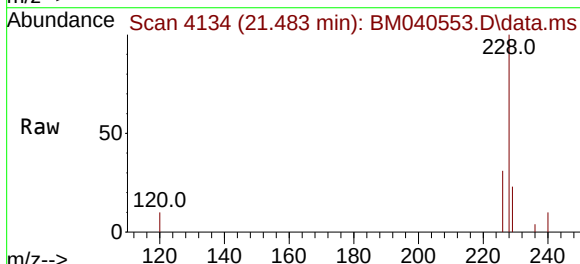
RT: 21.483 min Scan# 4134

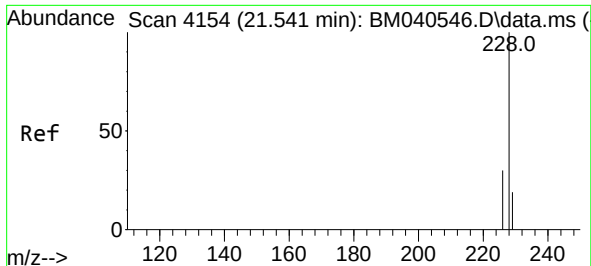
Delta R.T. -0.009 min

Lab File: BM040553.D

Acq: 02 Jul 2023 23:46

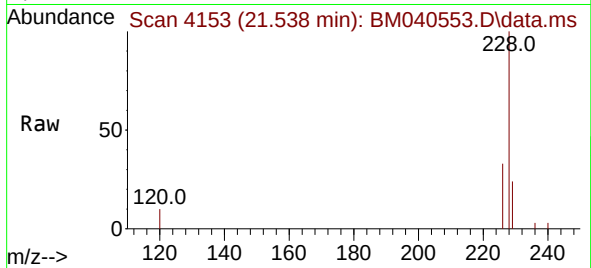
Tgt Ion:	228	Resp:	37864
Ion Ratio	Lower	Upper	
228	100		
229	23.2	16.0	24.0
226	30.5	22.3	33.5





#22
Chrysene
Concen: 0.365 ng/ul
RT: 21.538 min Scan# 4153
Delta R.T. -0.006 min
Lab File: BM040553.D
Acq: 02 Jul 2023 23:46

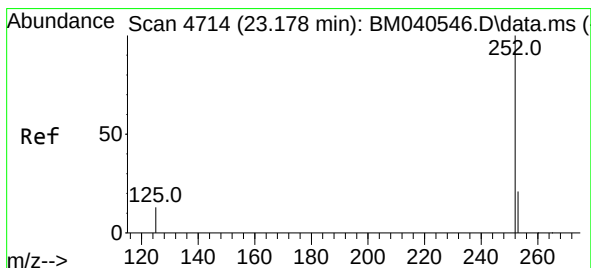
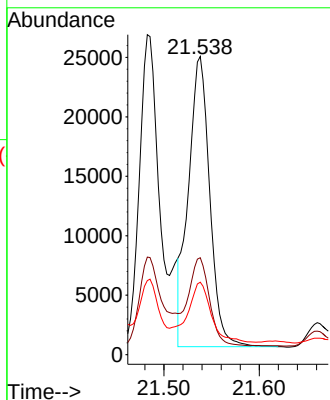
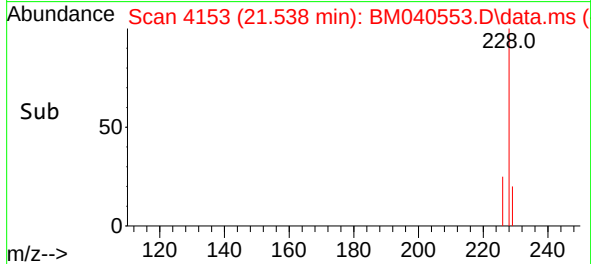
Instrument :
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ClientSampleId :
DCGD8



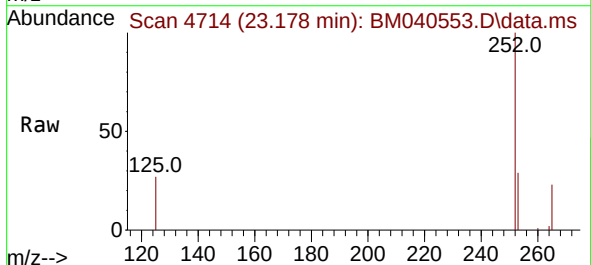
Tgt Ion:228 Resp: 37962
Ion Ratio Lower Upper
228 100
226 32.5 24.9 37.3
229 24.3 15.8 23.6

Manual Integrations
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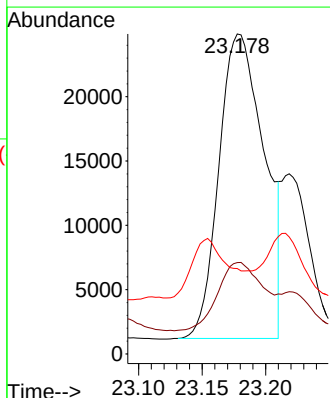
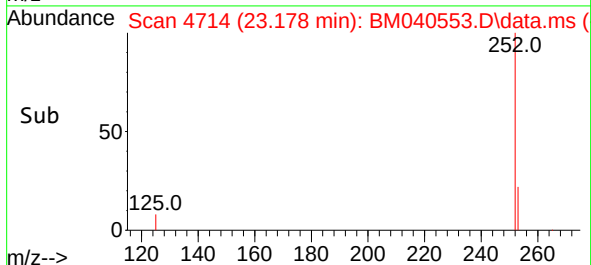
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

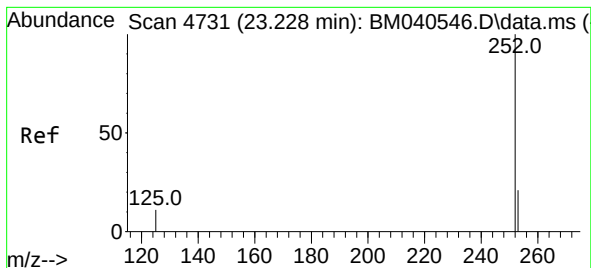


#24
Benzo(b)fluoranthene
Concen: 0.542 ng/ul
RT: 23.178 min Scan# 4714
Delta R.T. -0.003 min
Lab File: BM040553.D
Acq: 02 Jul 2023 23:46



Tgt Ion:252 Resp: 58620
Ion Ratio Lower Upper
252 100
253 28.6 0.0 52.8
125 26.7 0.0 43.0





#25

Benzo(k)fluoranthene

Concen: 0.213 ng/ul m

RT: 23.219 min Scan# 4

Delta R.T. -0.009 min

Lab File: BM040553.D

Acq: 02 Jul 2023 23:46

Instrument :

BNM

ClientSampleId :

DCGD8

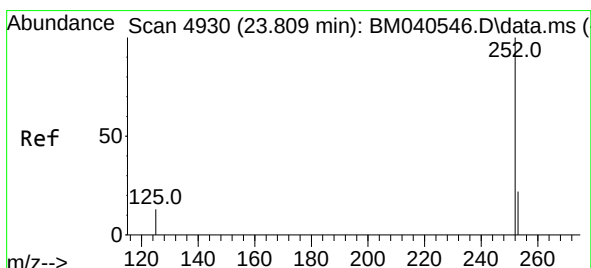
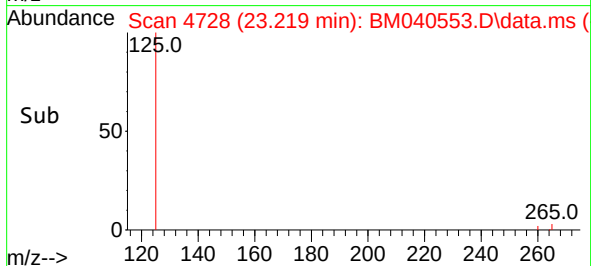
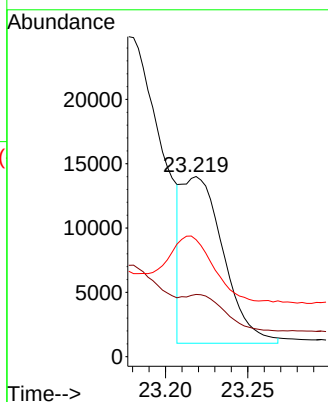
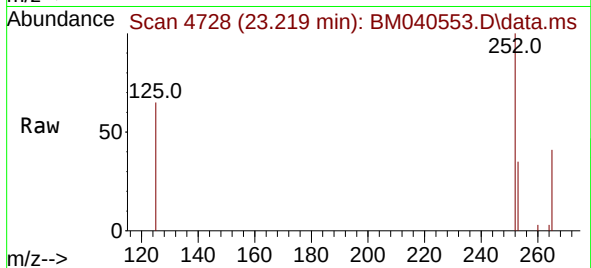
Tgt Ion:252	Resp:	2276
Ion Ratio	Lower	Upper
252	100	
253	34.6	21.2 31.8
125	64.9	16.4 24.6

Manual Integrations

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Supervised By :mohammad ahmed 07/03/2023



#26

Benzo(a)pyrene

Concen: 0.379 ng/ul

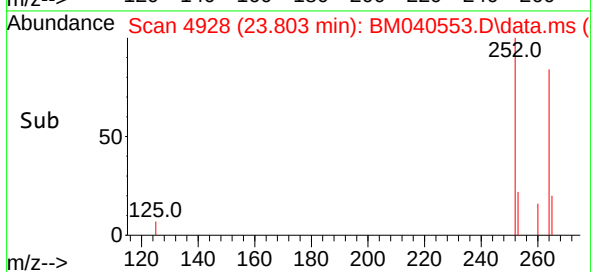
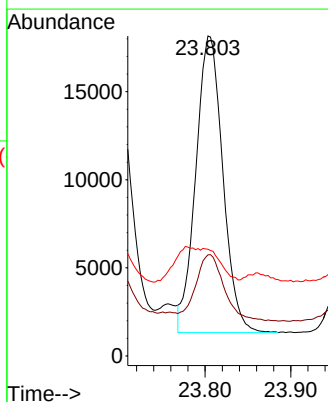
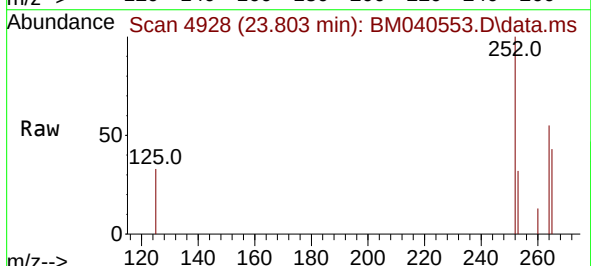
RT: 23.803 min Scan# 4928

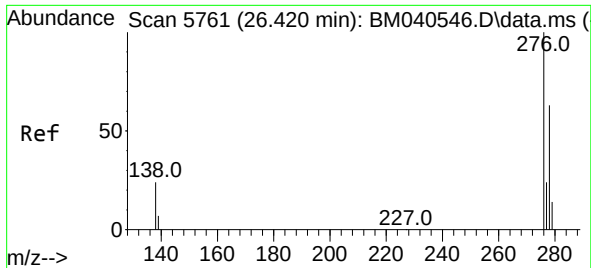
Delta R.T. -0.009 min

Lab File: BM040553.D

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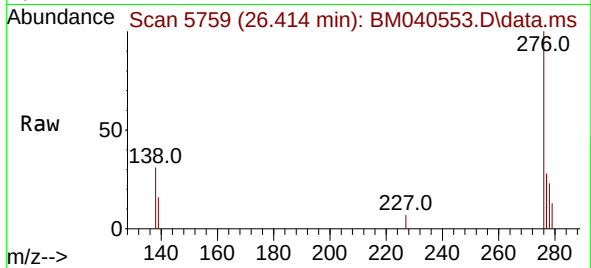
Tgt Ion:252	Resp:	36916
Ion Ratio	Lower	Upper
252	100	
253	31.6	22.9 34.3
125	33.4	21.0 31.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.248 ng/ul
RT: 26.414 min Scan# 5759
Delta R.T. -0.007 min
Lab File: BM040553.D
Acq: 02 Jul 2023 23:46

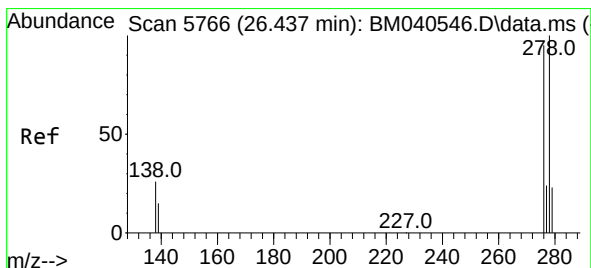
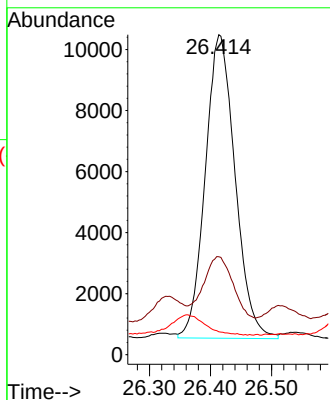
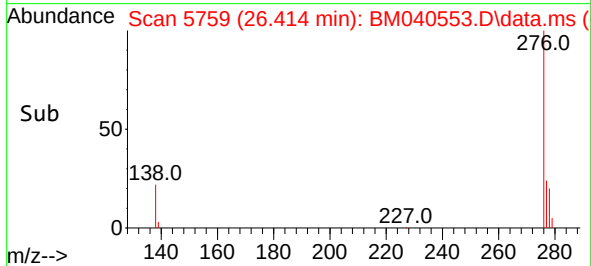
Instrument :
BNA_M
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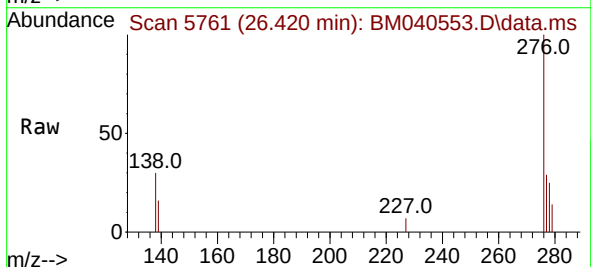
Tgt Ion:276 Resp: 33740
Ion Ratio Lower Upper
276 100
138 20.8 24.5 36.7#
227 0.0 0.1 0.1#

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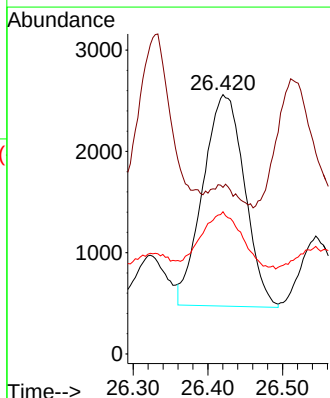
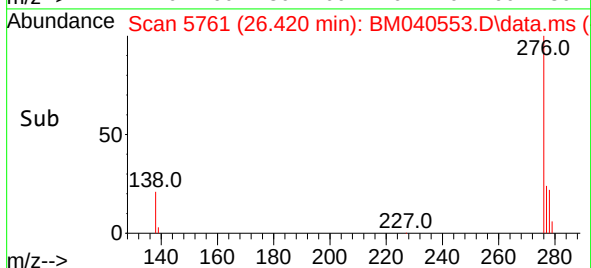
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

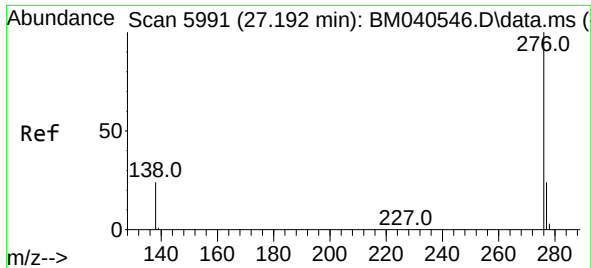


#28
Dibenzo(a,h)anthracene
Concen: 0.076 ng/ul
RT: 26.420 min Scan# 5761
Delta R.T. -0.017 min
Lab File: BM040553.D
Acq: 02 Jul 2023 23:46



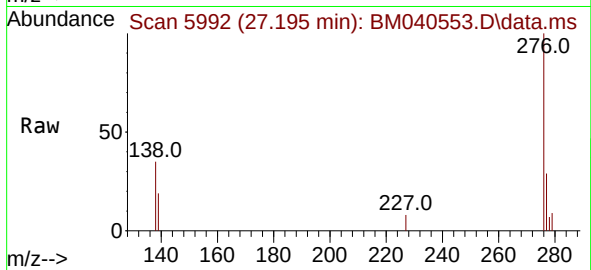
Tgt Ion:278 Resp: 8084
Ion Ratio Lower Upper
278 100
139 64.2 17.9 26.9#
279 54.8 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.267 ng/ul
RT: 27.195 min Scan# 5992
Delta R.T. 0.010 min
Lab File: BM040553.D
Acq: 02 Jul 2023 23:46

Instrument :
BNA_M
ClientSampleId :
DCGD8



Tgt Ion:276 Resp: 3180
Ion Ratio Lower Upper
276 100
138 34.8 23.0 34.6
277 28.8 20.3 30.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

