

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040537.D
 Acq On : 02 Jul 2023 13:10
 Operator : MA/JU
 Sample : 03243-06
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGC6

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 02:13:28 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	7849	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	28741	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.572	164	15056	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	29964	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	18866	0.400	ng/ul	0.00
23) Perylene-d12	23.918	264	19860	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	34709	2.815	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	8087	0.201	ng/ul	-0.01
18) Fluoranthene-d10	19.347	212	14868	0.246	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.784	128	2086	0.026	ng/ul#	75
7) 2-Methylnaphthalene	12.400	142	1166	0.025	ng/ul	99
10) Acenaphthylene	14.295	152	2537	0.038	ng/ul#	81
15) Phenanthrene	17.362	178	14072	0.151	ng/ul	98
16) Anthracene	17.455	178	1735	0.022	ng/ul#	78
19) Fluoranthene	19.380	202	37309	0.466	ng/ul	99
20) Pyrene	19.742	202	30347	0.353	ng/ul	96
21) Benzo(a)anthracene	21.488	228	15895	0.249	ng/ul#	91
22) Chrysene	21.541	228	21206	0.291	ng/ul#	93
24) Benzo(b)fluoranthene	23.181	252	31808	0.414	ng/ul	78
25) Benzo(k)fluoranthene	23.225	252	12511m	0.165	ng/ul	
26) Benzo(a)pyrene	23.809	252	19267	0.278	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.420	276	19560	0.203	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.434	278	4453	0.059	ng/ul#	14
29) Benzo(g,h,i)perylene	27.195	276	18916	0.224	ng/ul#	86

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

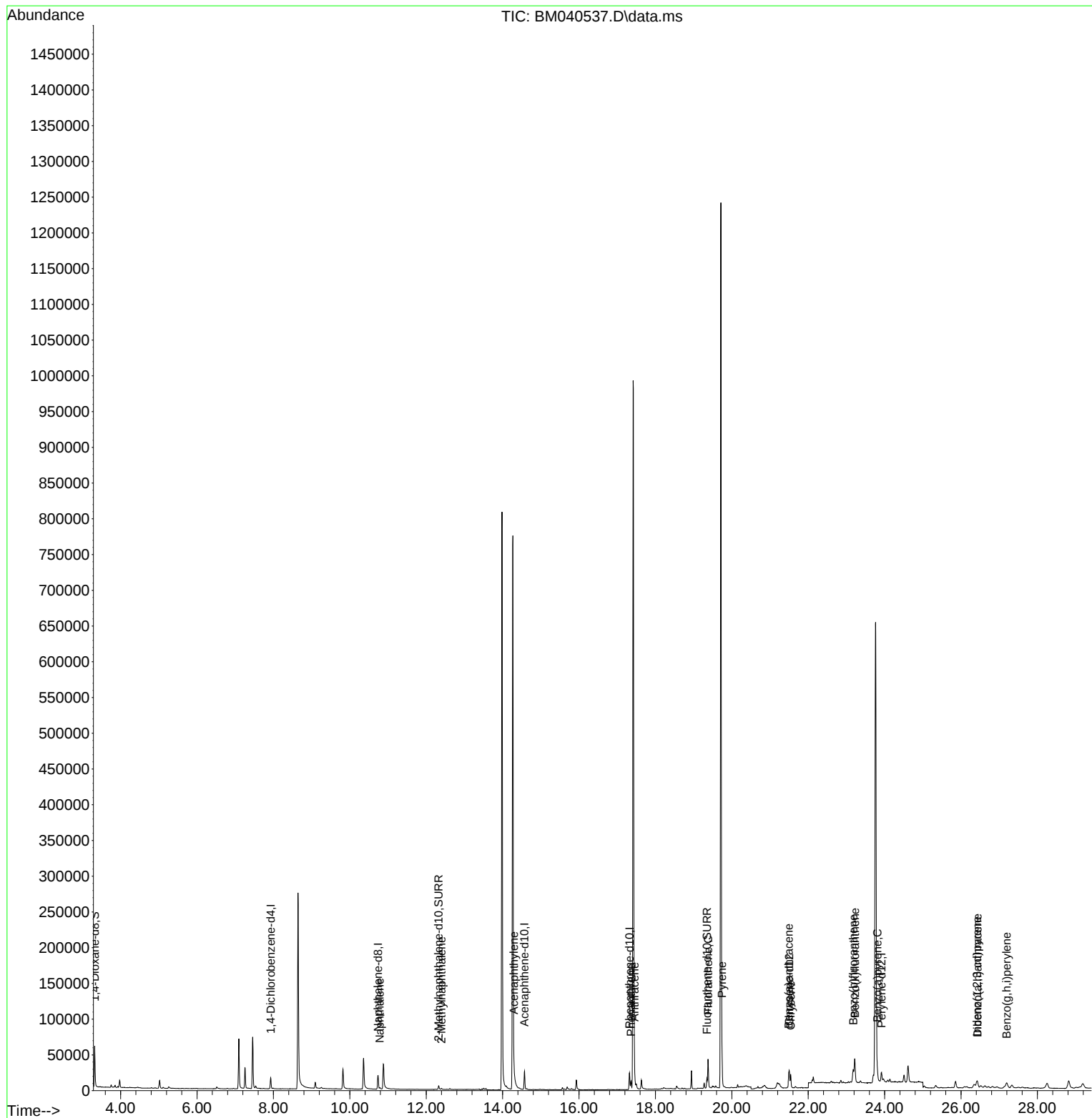
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040537.D
Acq On : 02 Jul 2023 13:10
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Sample : 03243-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

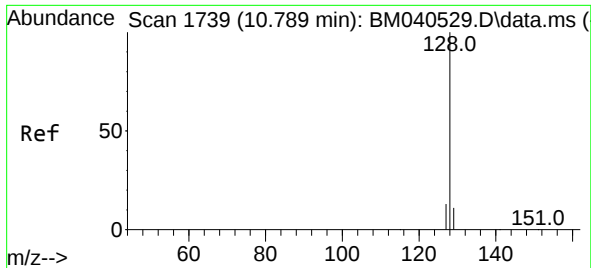
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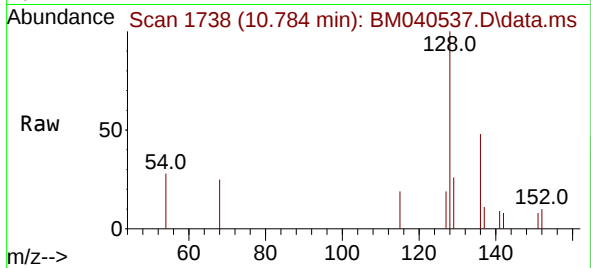
Quant Time: Jul 03 02:13:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.784 min Scan# 1738
Delta R.T. -0.011 min
Lab File: BM040537.D
Acq: 02 Jul 2023 13:10

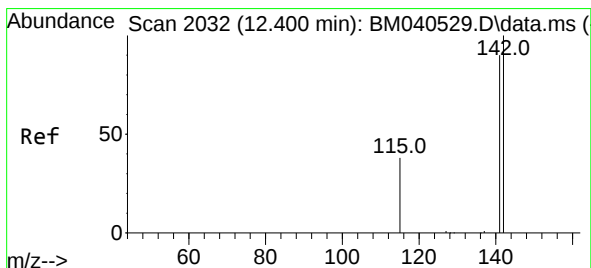
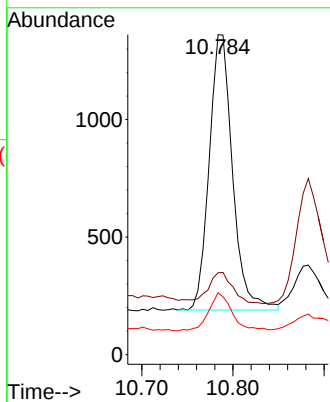
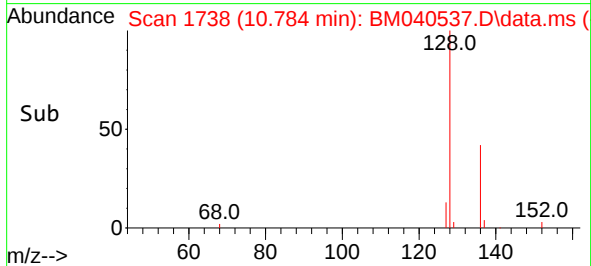
Instrument :
BNA_M
ClientSampleId :
DCGC6



Tgt Ion:128 Resp: 2080
Ion Ratio Lower Upper
128 100
129 25.6 9.2 13.8
127 19.3 10.6 15.8

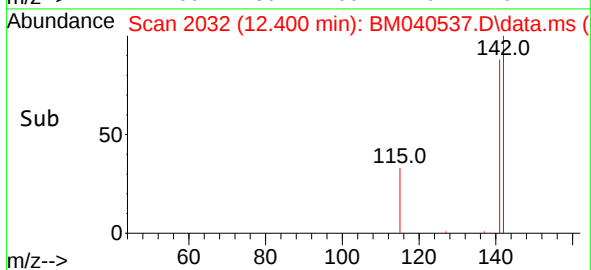
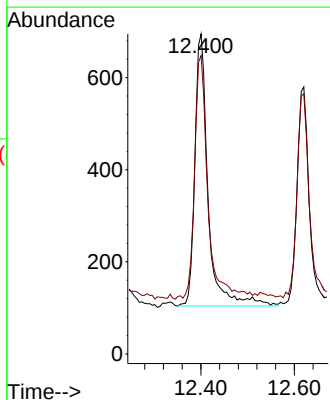
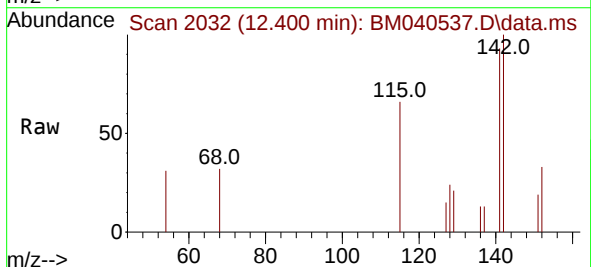
Manual Integrations
APPROVED

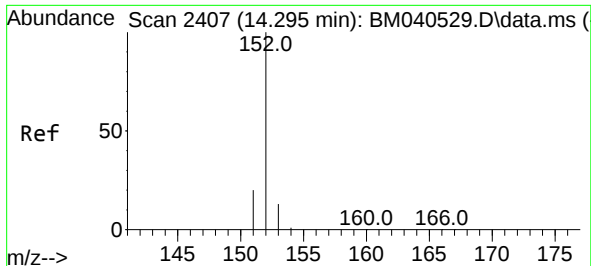
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.400 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BM040537.D
Acq: 02 Jul 2023 13:10

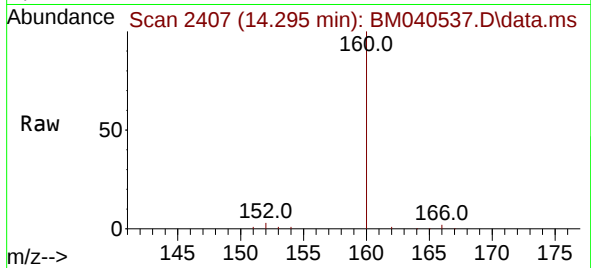
Tgt Ion:142 Resp: 1166
Ion Ratio Lower Upper
142 100
141 90.7 71.9 107.9





#10
Acenaphthylene
Concen: 0.038 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.004 min
Lab File: BM040537.D
Acq: 02 Jul 2023 13:10

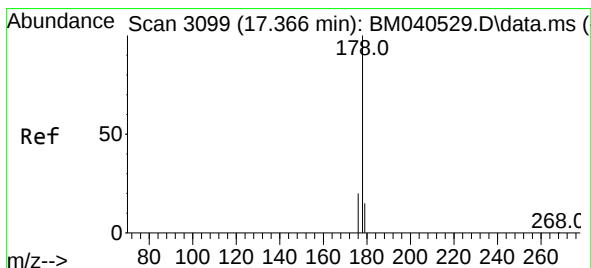
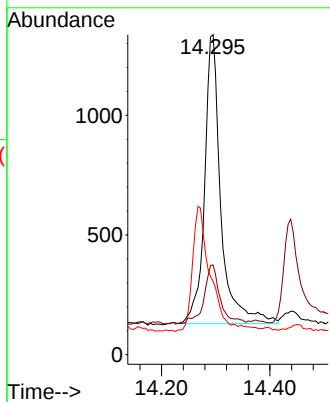
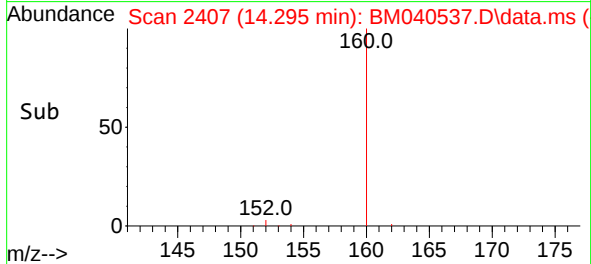
Instrument :
BNA_M
ClientSampleId :
DCGC6



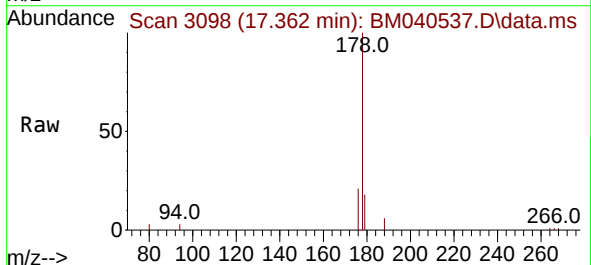
Tgt Ion:152 Resp: 253
Ion Ratio Lower Upper
152 100
151 28.0 16.2 24.2
153 22.9 10.9 16.3

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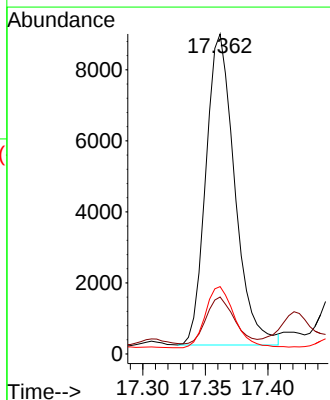
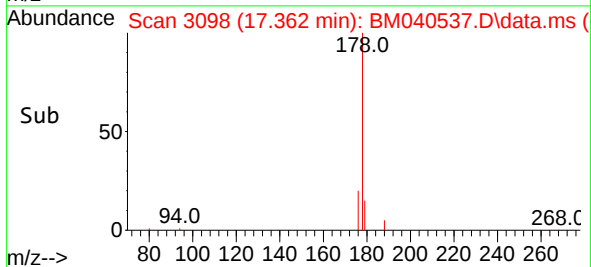
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

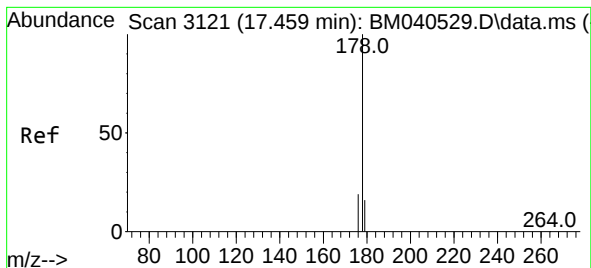


#15
Phenanthrene
Concen: 0.151 ng/ul
RT: 17.362 min Scan# 3098
Delta R.T. -0.008 min
Lab File: BM040537.D
Acq: 02 Jul 2023 13:10



Tgt Ion:178 Resp: 14072
Ion Ratio Lower Upper
178 100
179 17.8 12.8 19.2
176 21.0 16.4 24.6





#16

Anthracene

Concen: 0.022 ng/ul

RT: 17.455 min Scan# 3121

Delta R.T. -0.008 min

Lab File: BM040537.D

Acq: 02 Jul 2023 13:10

Instrument :

BNA_M

ClientSampleId :

DCGC6

Tgt Ion:178 Resp: 1735

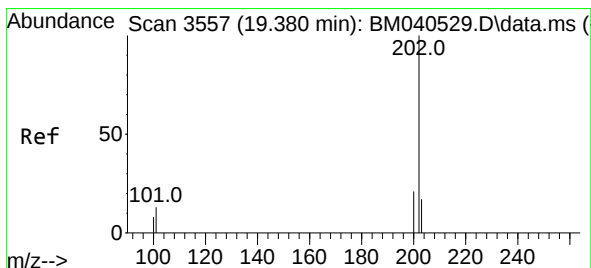
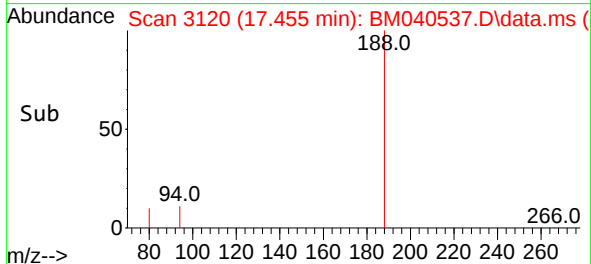
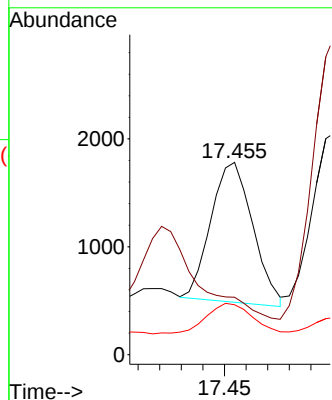
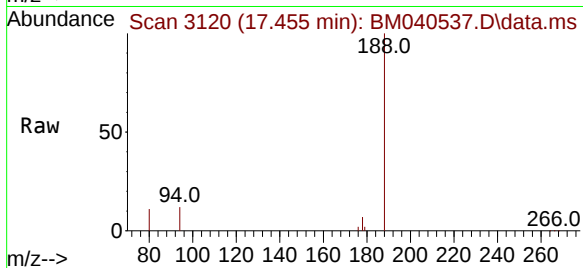
Ion	Ratio	Lower	Upper
178	100		
179	29.9	12.9	19.3
176	26.0	15.8	23.6

Manual Integrations

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Supervised By :mohammad ahmed 07/03/2023



#19

Fluoranthene

Concen: 0.466 ng/ul

RT: 19.380 min Scan# 3557

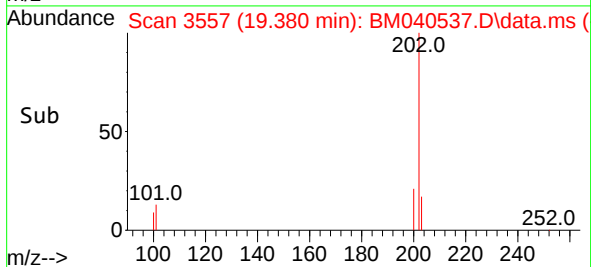
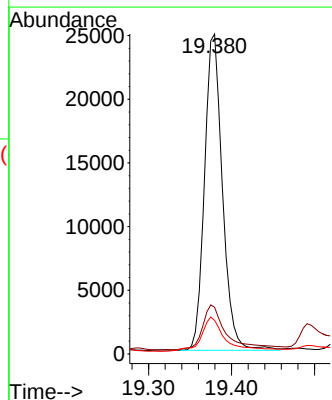
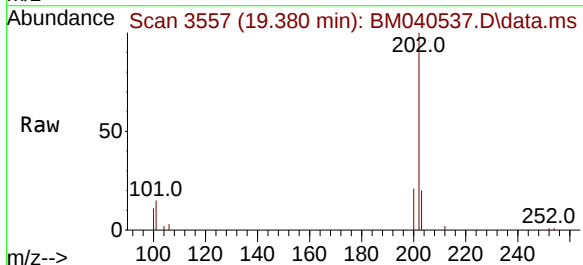
Delta R.T. -0.005 min

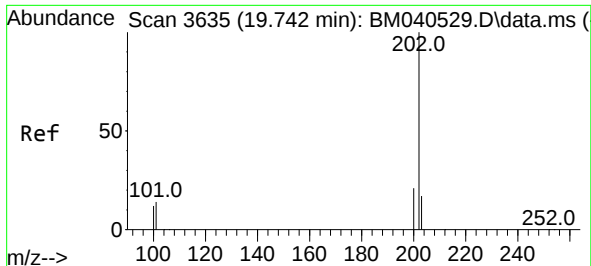
Lab File: BM040537.D

Acq: 02 Jul 2023 13:10

Tgt Ion:202 Resp: 37309

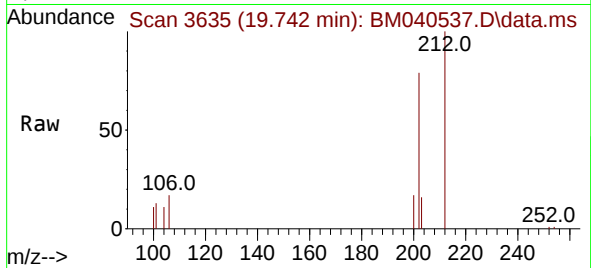
Ion	Ratio	Lower	Upper
202	100		
101	14.6	11.4	17.0
100	10.5	8.7	13.1





#20
Pyrene
Concen: 0.353 ng/u1
RT: 19.742 min Scan# 3635
Delta R.T. -0.005 min
Lab File: BM040537.D
Acq: 02 Jul 2023 13:10

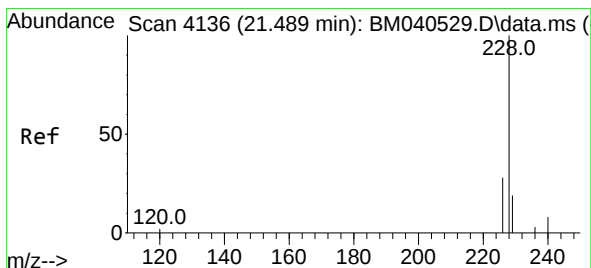
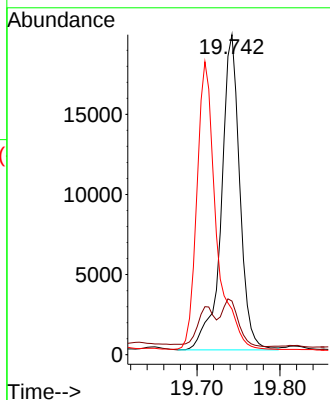
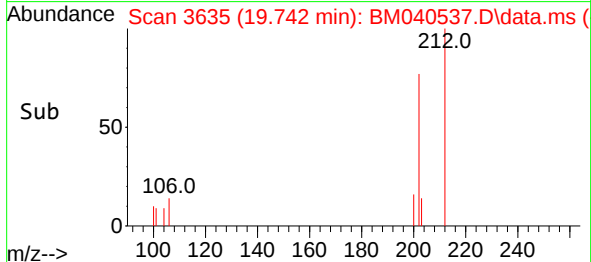
Instrument :
BNA_M
ClientSampleId :
DCGC6



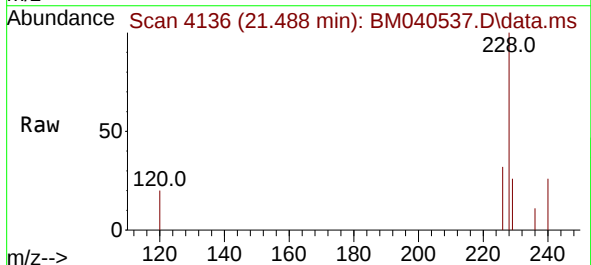
Tgt Ion:202 Resp: 3034
Ion Ratio Lower Upper
202 100
101 16.8 12.6 18.8
100 14.3 9.8 14.6

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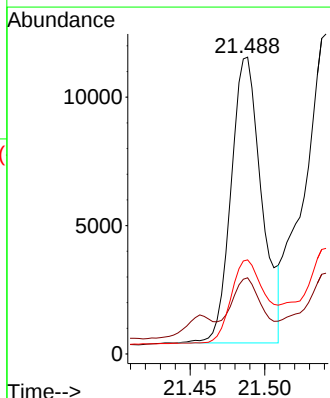
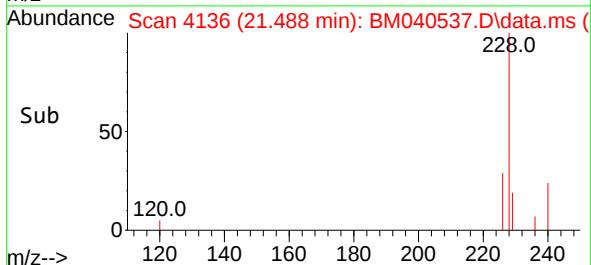
Reviewed By :Yogesh Patel 07/03/2023
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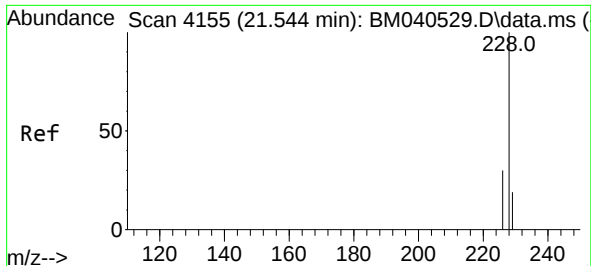


#21
Benzo(a)anthracene
Concen: 0.249 ng/u1
RT: 21.488 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040537.D
Acq: 02 Jul 2023 13:10



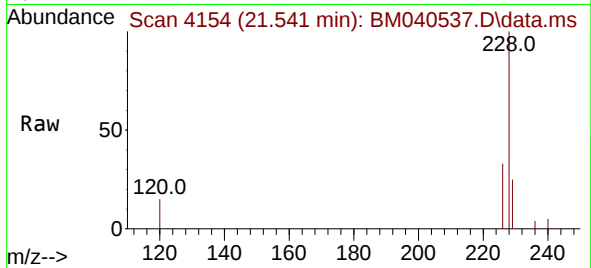
Tgt Ion:228 Resp: 15895
Ion Ratio Lower Upper
228 100
229 25.7 16.0 24.0#
226 31.7 22.3 33.5





#22
Chrysene
Concen: 0.291 ng/ul
RT: 21.541 min Scan# 4155
Delta R.T. -0.003 min
Lab File: BM040537.D
Acq: 02 Jul 2023 13:10

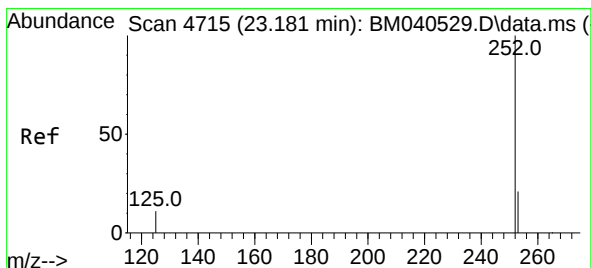
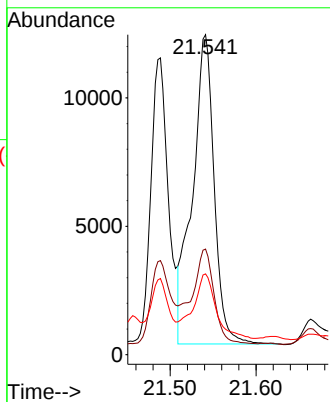
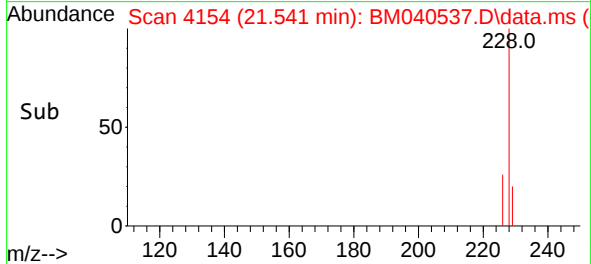
Instrument :
BNA_M
ClientSampleId :
DCGC6



Tgt Ion:228 Resp: 21200
Ion Ratio Lower Upper
228 100
226 33.0 24.9 37.3
229 25.3 15.8 23.6

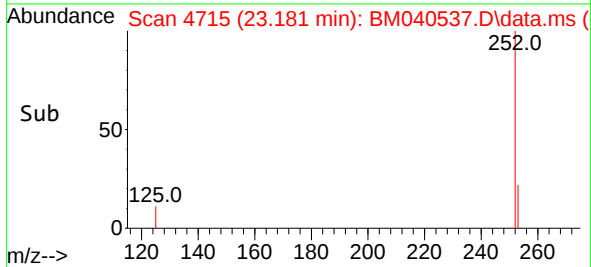
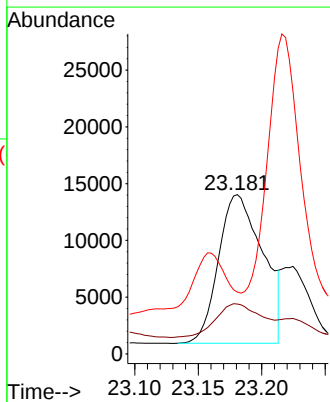
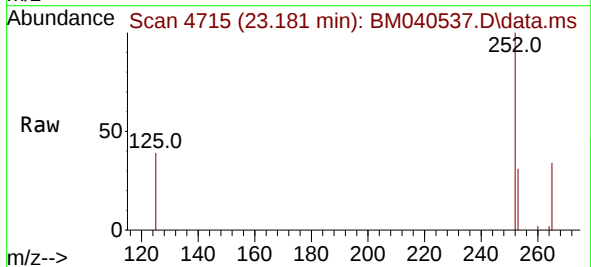
Manual Integrations
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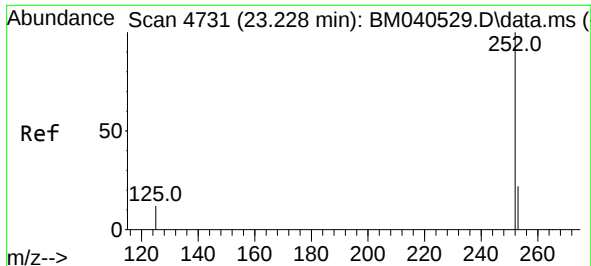
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#24
Benzo(b)fluoranthene
Concen: 0.414 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040537.D
Acq: 02 Jul 2023 13:10

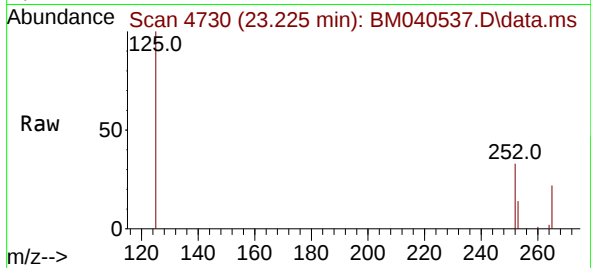
Tgt Ion:252 Resp: 31808
Ion Ratio Lower Upper
252 100
253 31.3 0.0 52.8
125 38.9 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.165 ng/ul m
RT: 23.225 min Scan# 4731
Delta R.T. -0.003 min
Lab File: BM040537.D
Acq: 02 Jul 2023 13:10

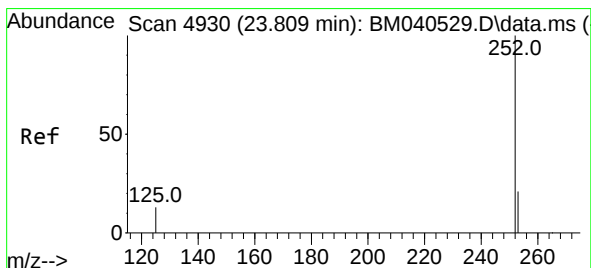
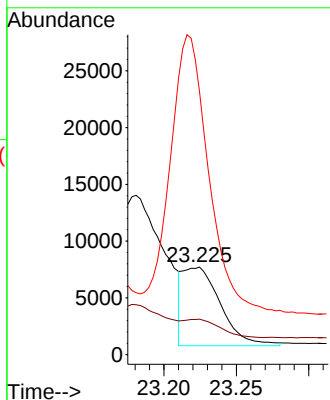
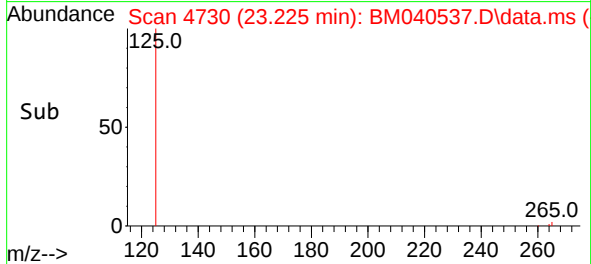
Instrument :
BNA_M
ClientSampleId :
DCGC6



Tgt Ion:252 Resp: 1251
Ion Ratio Lower Upper
252 100
253 40.6 21.2 31.8
125 299.8 16.4 24.6

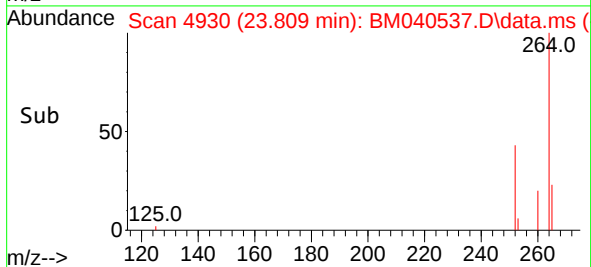
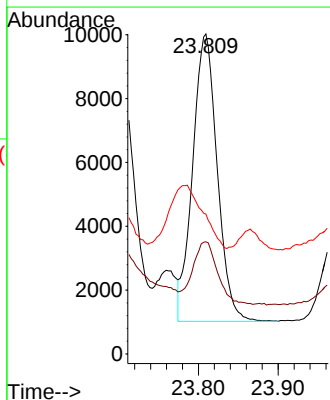
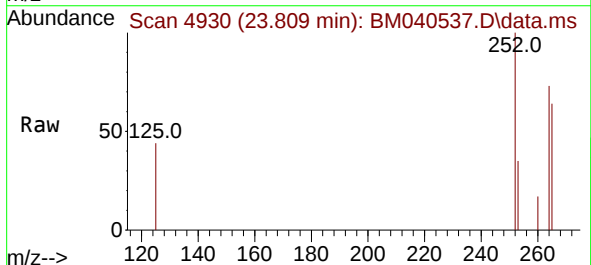
Manual Integrations
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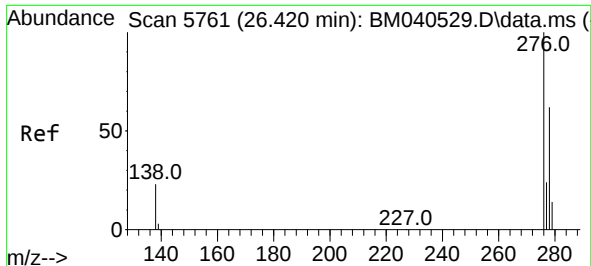
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#26
Benzo(a)pyrene
Concen: 0.278 ng/ul
RT: 23.809 min Scan# 4930
Delta R.T. -0.003 min
Lab File: BM040537.D
Acq: 02 Jul 2023 13:10

Tgt Ion:252 Resp: 19267
Ion Ratio Lower Upper
252 100
253 35.1 22.9 34.3#
125 43.7 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.203 ng/ul

RT: 26.420 min Scan# 5761

Delta R.T. 0.000 min

Lab File: BM040537.D

Acq: 02 Jul 2023 13:10

Instrument :

BNA_M

ClientSampleId :

DCGC6

Tgt Ion:276 Resp: 19560

Ion Ratio Lower Upper

276 100

138 0.0 24.5 36.7

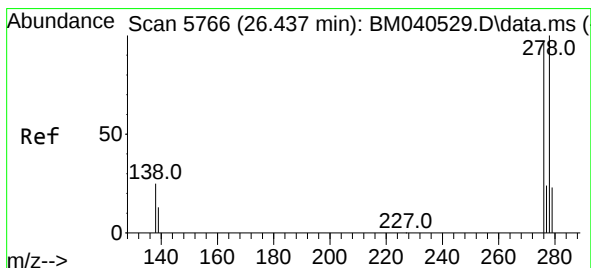
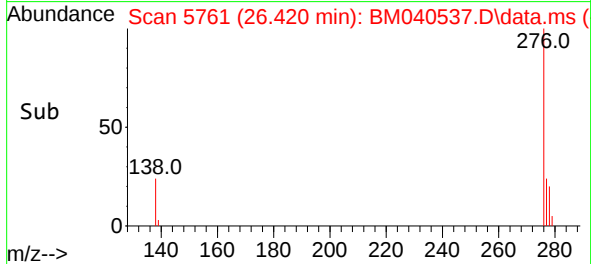
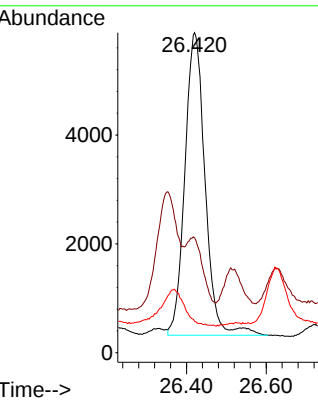
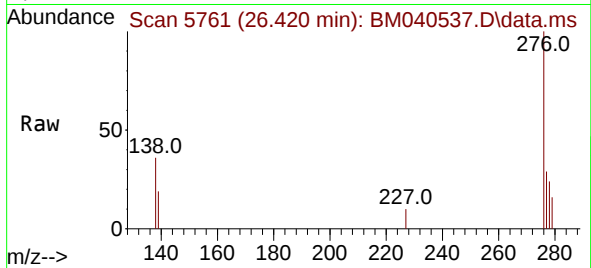
227 0.0 0.1 0.1

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 07/03/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.059 ng/ul

RT: 26.434 min Scan# 5765

Delta R.T. -0.003 min

Lab File: BM040537.D

Acq: 02 Jul 2023 13:10

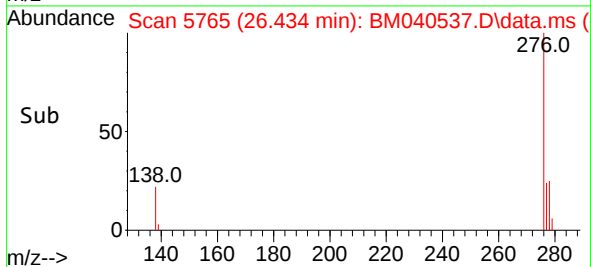
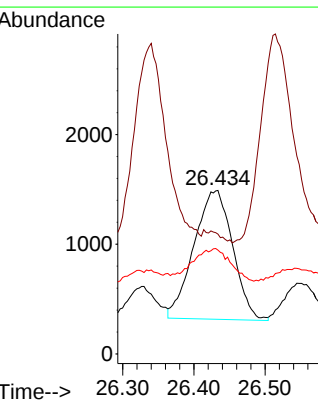
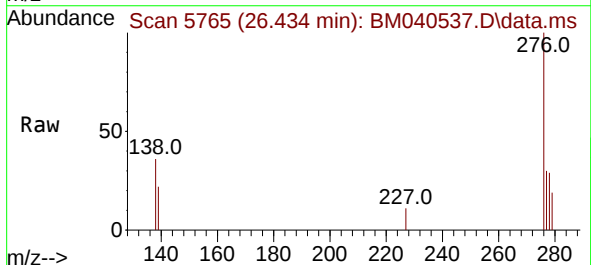
Tgt Ion:278 Resp: 4453

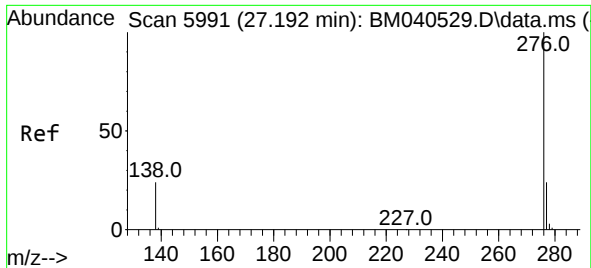
Ion Ratio Lower Upper

278 100

139 73.3 17.9 26.9

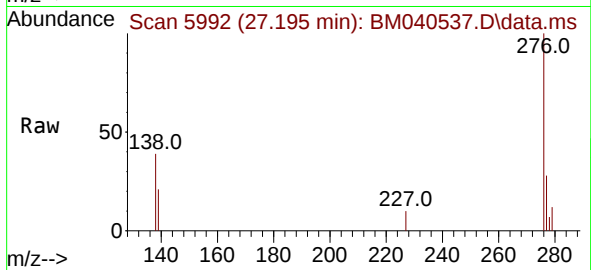
279 63.4 22.0 33.0





#29
Benzo(g,h,i)perylene
Concen: 0.224 ng/ul
RT: 27.195 min Scan# 5992
Delta R.T. 0.010 min
Lab File: BM040537.D
Acq: 02 Jul 2023 13:10

Instrument :
BNA_M
ClientSampleId :
DCGC6



Tgt Ion:276 Resp: 18910
Ion Ratio Lower Upper
276 100
138 39.5 23.0 34.6
277 28.5 20.3 30.5

Manual Integrations
APPROVED

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

