

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040532.D
 Acq On : 02 Jul 2023 10:04
 Operator : MA/JU
 Sample : 03242-21
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGC2

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 12:08:05 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	6046	0.400	ng/ul	0.00
4) Naphthalene-d8	10.734	136	22154	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.573	164	10425	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	20482	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	11791	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	12133	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	20812	2.191	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	5001	0.161	ng/ul	0.00
18) Fluoranthene-d10	19.347	212	7628	0.202	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.789	128	1241	0.020	ng/ul#	65
10) Acenaphthylene	14.295	152	1329	0.029	ng/ul#	70
15) Phenanthrene	17.362	178	5811	0.091	ng/ul#	93
19) Fluoranthene	19.375	202	16320	0.326	ng/ul#	73
20) Pyrene	19.737	202	12236m	0.228	ng/ul	
21) Benzo(a)anthracene	21.486	228	6615	0.166	ng/ul#	89
22) Chrysene	21.538	228	8861	0.195	ng/ul#	91
24) Benzo(b)fluoranthene	23.181	252	13591	0.289	ng/ul#	66
25) Benzo(k)fluoranthene	23.213	252	4853m	0.105	ng/ul	
26) Benzo(a)pyrene	23.806	252	7504	0.177	ng/ul#	60
27) Indeno(1,2,3-cd)pyrene	26.414	276	8011	0.136	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.424	278	1924	0.042	ng/ul#	1
29) Benzo(g,h,i)perylene	27.188	276	7741	0.150	ng/ul#	79

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

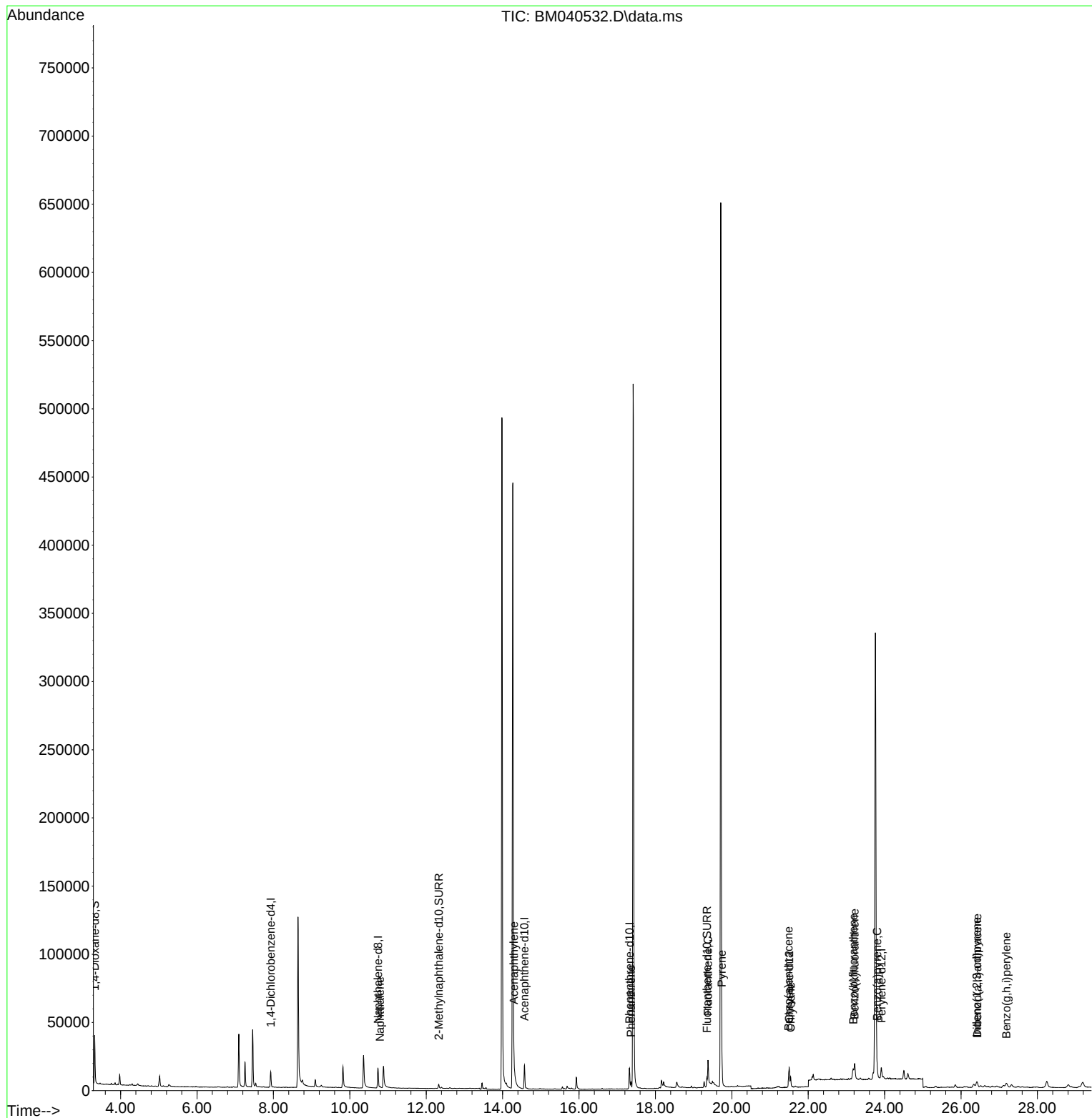
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040532.D
Acq On : 02 Jul 2023 10:04
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ALS Vial : 38 Sample Multiplier: 1

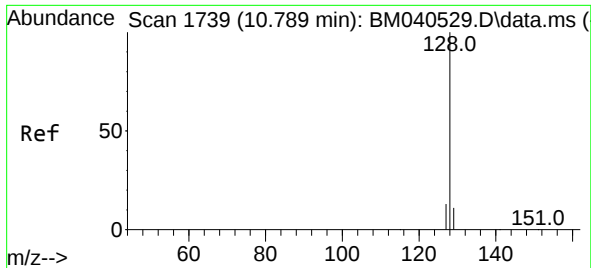
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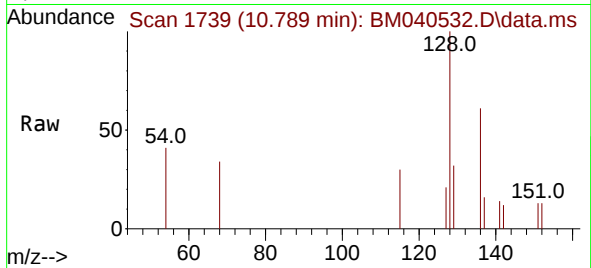
Quant Time: Jul 02 12:08:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
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#5
Naphthalene
Concen: 0.020 ng/ul
RT: 10.789 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM040532.D
Acq: 02 Jul 2023 10:04

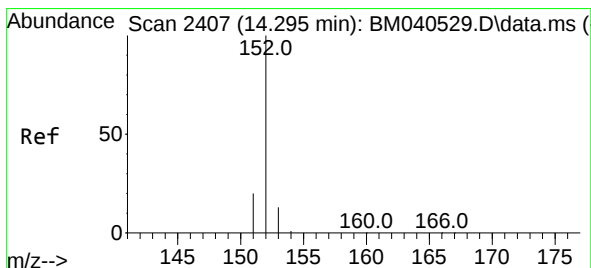
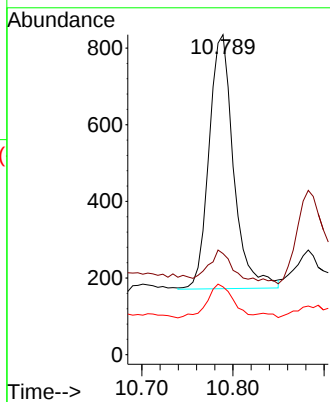
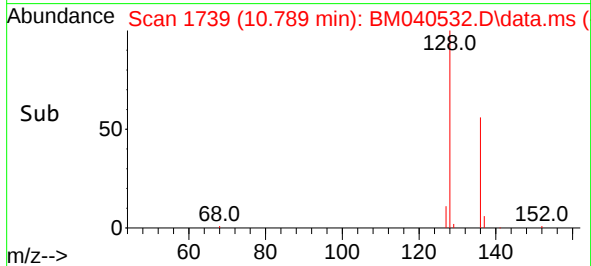
Instrument :
BNA_M
ClientSampleId :
DCGC2



Tgt Ion:128 Resp: 124
Ion Ratio Lower Upper
128 100
129 31.6 9.2 13.8
127 21.2 10.6 15.8

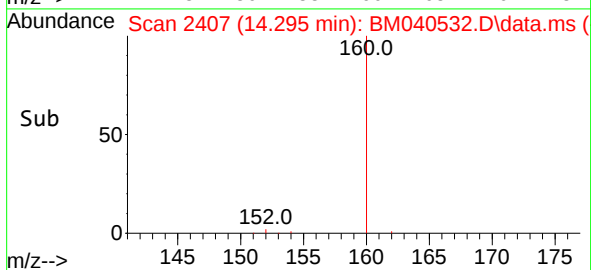
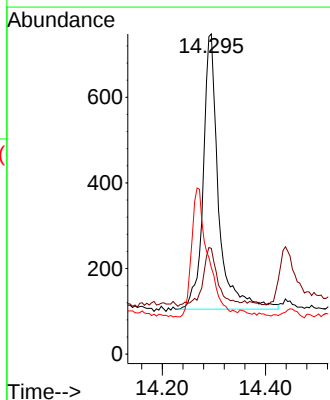
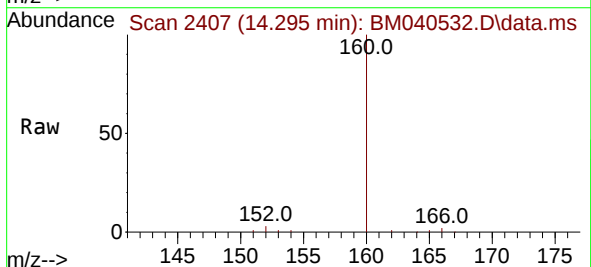
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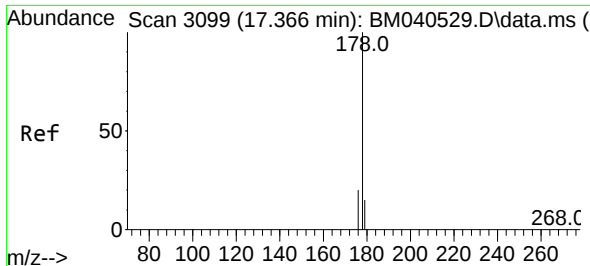
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.004 min
Lab File: BM040532.D
Acq: 02 Jul 2023 10:04

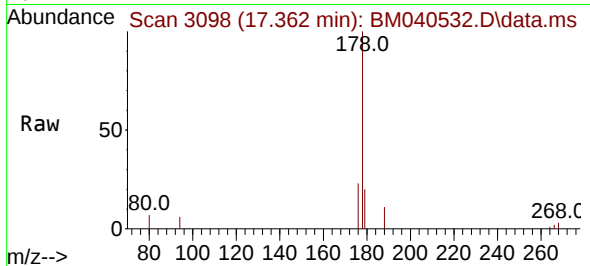
Tgt Ion:152 Resp: 1329
Ion Ratio Lower Upper
152 100
151 33.0 16.2 24.2#
153 27.0 10.9 16.3#





#15
Phenanthrene
Concen: 0.091 ng/ul
RT: 17.362 min Scan# 3098
Delta R.T. -0.008 min
Lab File: BM040532.D
Acq: 02 Jul 2023 10:04

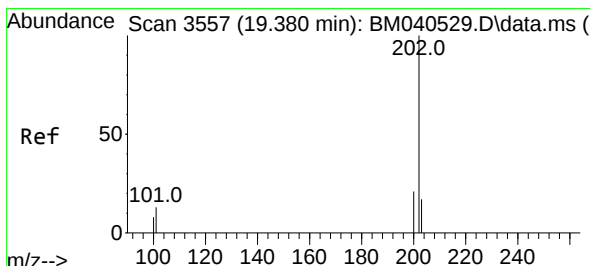
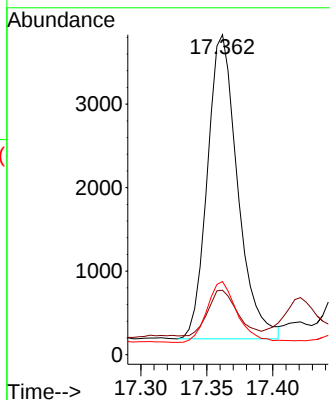
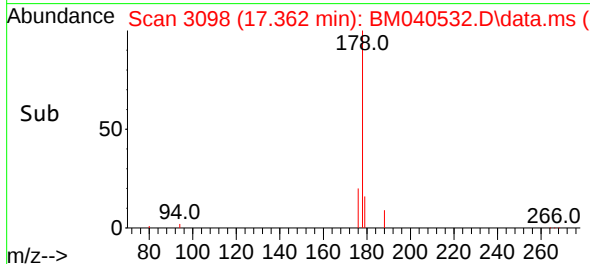
Instrument :
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ClientSampleId :
DCGC2



Tgt Ion:178 Resp: 581
Ion Ratio Lower Upper
178 100
179 20.2 12.8 19.2
176 22.9 16.4 24.6

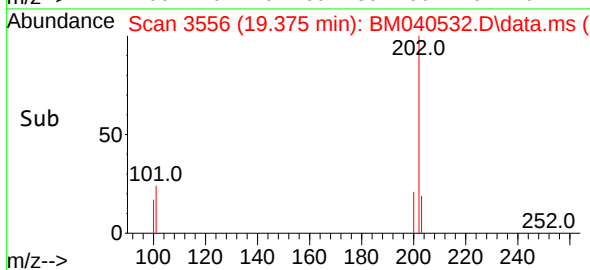
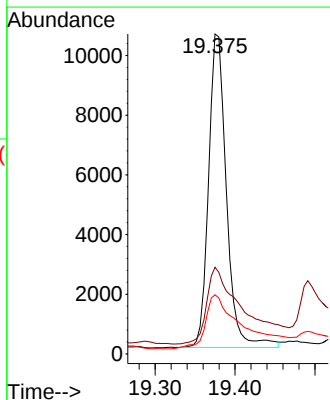
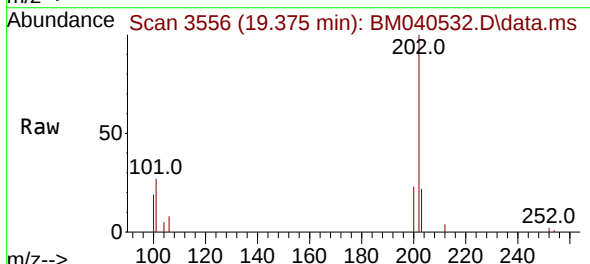
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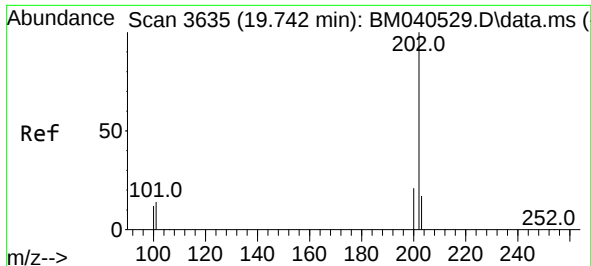
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#19
Fluoranthene
Concen: 0.326 ng/ul
RT: 19.375 min Scan# 3556
Delta R.T. -0.009 min
Lab File: BM040532.D
Acq: 02 Jul 2023 10:04

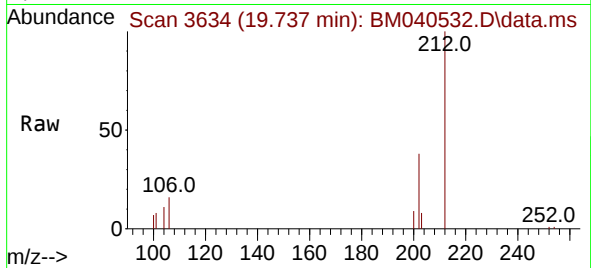
Tgt Ion:202 Resp: 16320
Ion Ratio Lower Upper
202 100
101 27.1 11.4 17.0#
100 18.5 8.7 13.1#





#20
Pyrene
Concen: 0.228 ng/ul m
RT: 19.737 min Scan# 3635
Delta R.T. -0.009 min
Lab File: BM040532.D
Acq: 02 Jul 2023 10:04

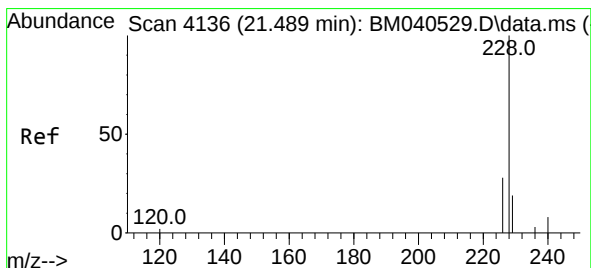
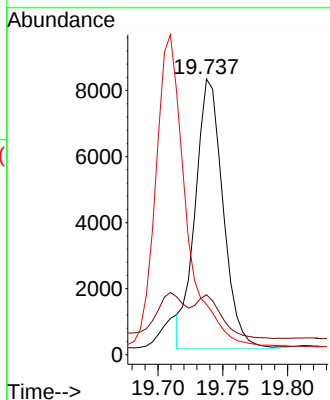
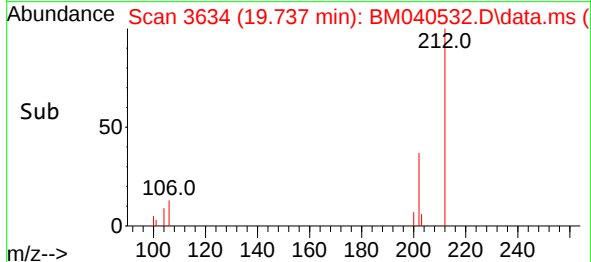
Instrument :
BNA_M
ClientSampleId :
DCGC2



Tgt Ion:202 Resp: 12230
Ion Ratio Lower Upper
202 100
101 21.8 12.6 18.8
100 18.2 9.8 14.6

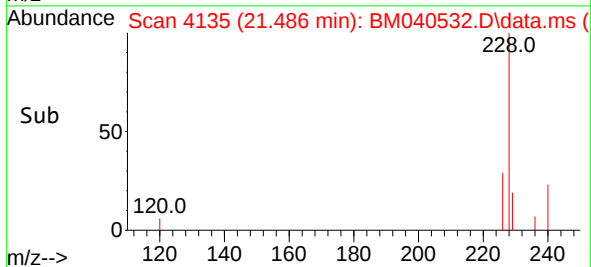
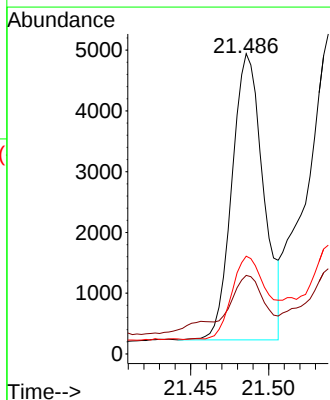
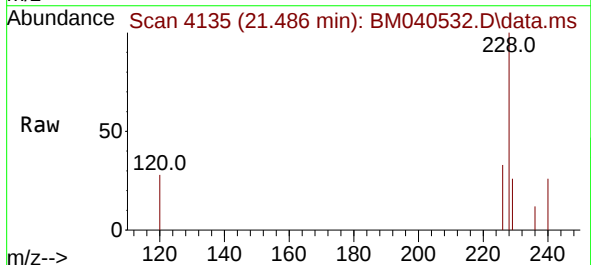
Manual Integrations
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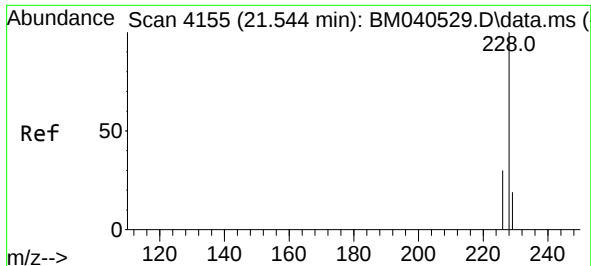
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#21
Benzo(a)anthracene
Concen: 0.166 ng/ul
RT: 21.486 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BM040532.D
Acq: 02 Jul 2023 10:04

Tgt Ion:228 Resp: 6615
Ion Ratio Lower Upper
228 100
229 26.2 16.0 24.0#
226 32.5 22.3 33.5





#22

Chrysene

Concen: 0.195 ng/ul

RT: 21.538 min Scan# 4153

Delta R.T. -0.006 min

Lab File: BM040532.D

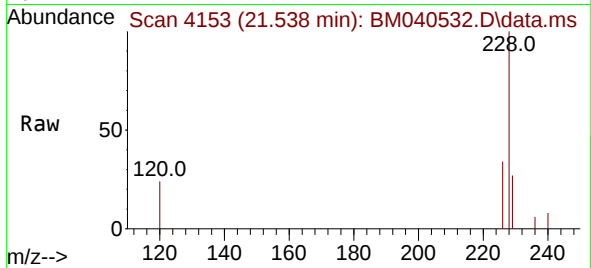
Acq: 02 Jul 2023 10:04

Instrument :

BNA_M

ClientSampleId :

DCGC2



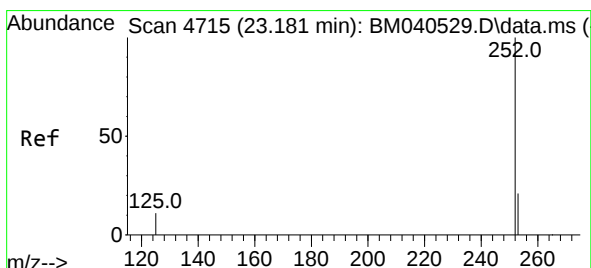
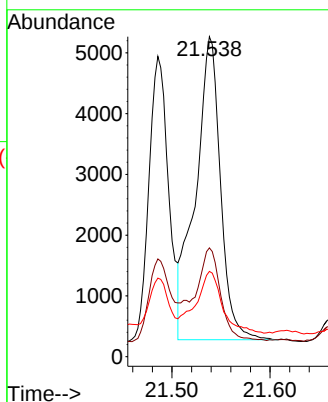
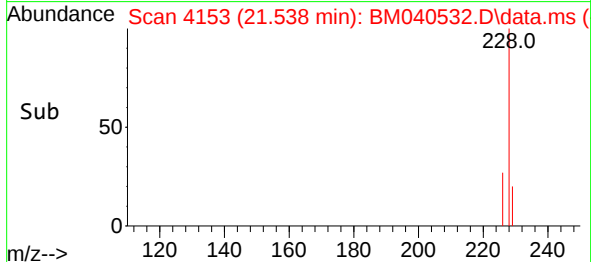
Tgt Ion:	228	Resp:	886
Ion Ratio	Lower	Upper	
228	100		
226	34.0	24.9	37.3
229	26.6	15.8	23.6

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: 0.289 ng/ul

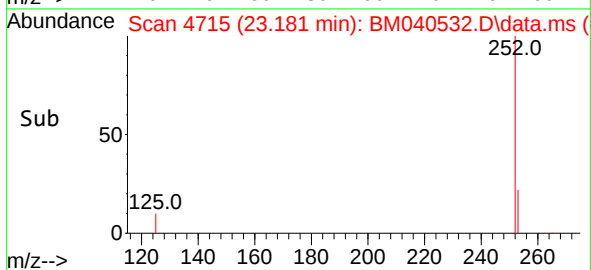
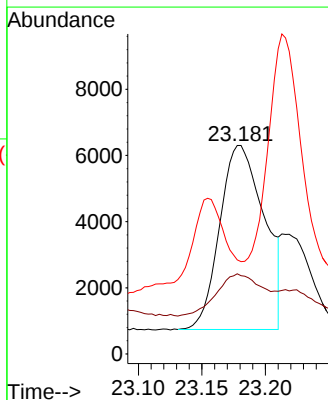
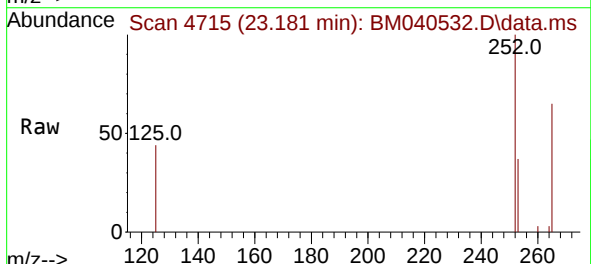
RT: 23.181 min Scan# 4715

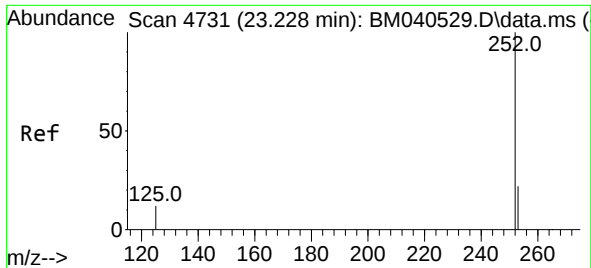
Delta R.T. 0.000 min

Lab File: BM040532.D

Acq: 02 Jul 2023 10:04

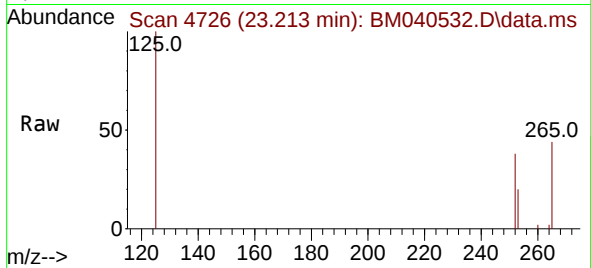
Tgt Ion:	252	Resp:	13591
Ion Ratio	Lower	Upper	
252	100		
253	37.5	0.0	52.8
125	44.3	0.0	43.0





#25
Benzo(k)fluoranthene
Concen: 0.105 ng/ul m
RT: 23.213 min Scan# 4726
Delta R.T. -0.014 min
Lab File: BM040532.D
Acq: 02 Jul 2023 10:04

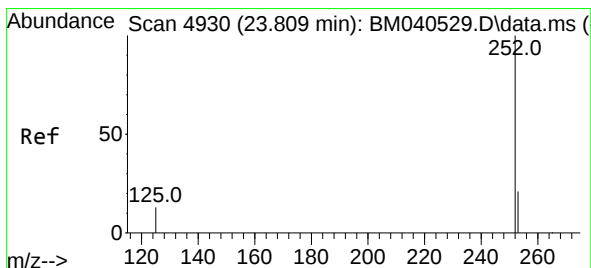
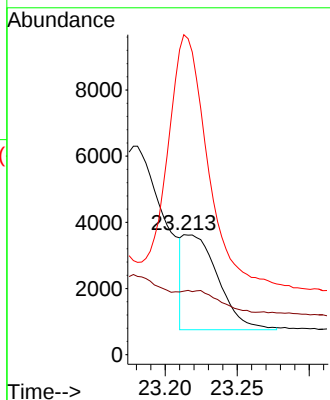
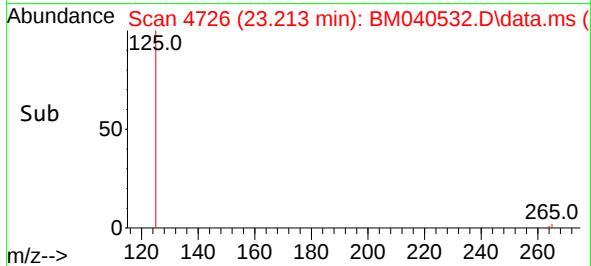
Instrument :
BNA_M
ClientSampleId :
DCGC2



Tgt Ion:252 Resp: 485
Ion Ratio Lower Upper
252 100
253 52.9 21.2 31.8
125 266.5 16.4 24.6

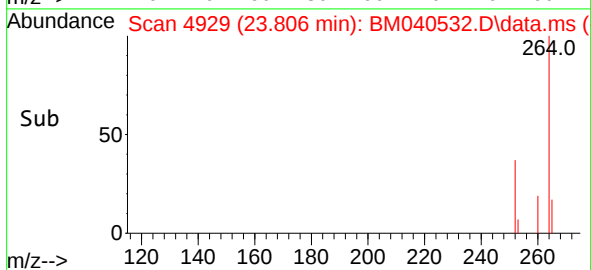
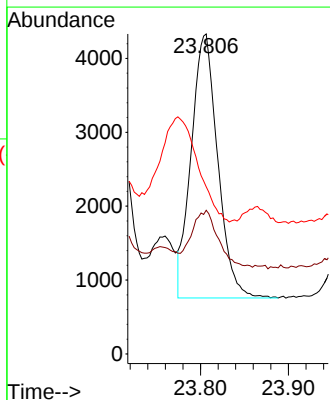
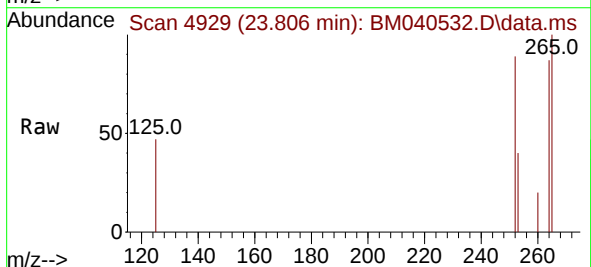
Manual Integrations
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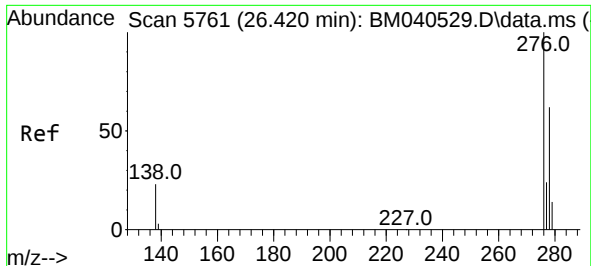
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#26
Benzo(a)pyrene
Concen: 0.177 ng/ul
RT: 23.806 min Scan# 4929
Delta R.T. -0.006 min
Lab File: BM040532.D
Acq: 02 Jul 2023 10:04

Tgt Ion:252 Resp: 7504
Ion Ratio Lower Upper
252 100
253 44.9 22.9 34.3#
125 52.3 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.136 ng/ul

RT: 26.414 min Scan# 5759

Delta R.T. -0.007 min

Lab File: BM040532.D

Acq: 02 Jul 2023 10:04

Instrument :

BNA_M

ClientSampleId :

DCGC2

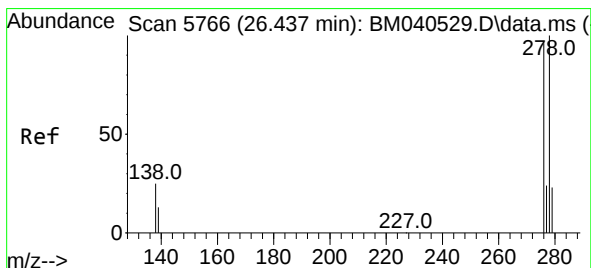
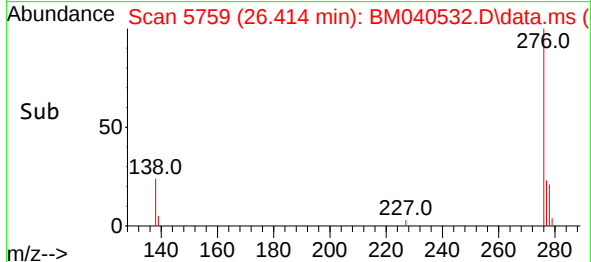
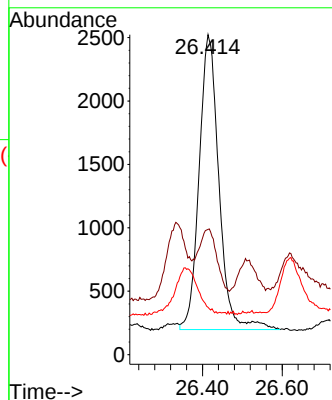
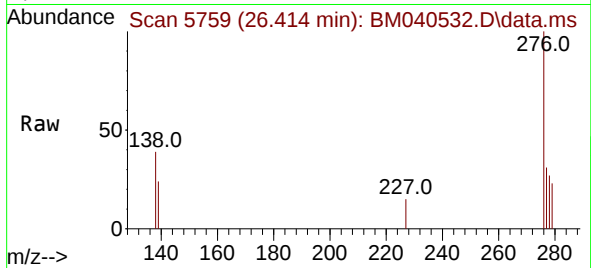
Tgt Ion:	276	Resp:	801
Ion Ratio	Lower	Upper	
276	100		
138	0.0	24.5	36.7
227	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.042 ng/ul

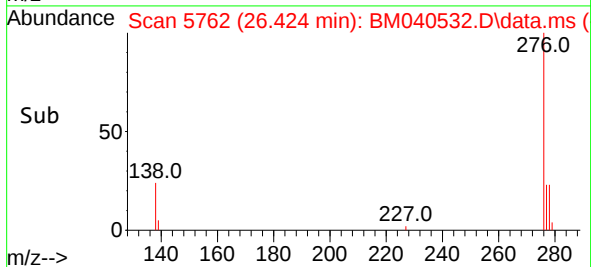
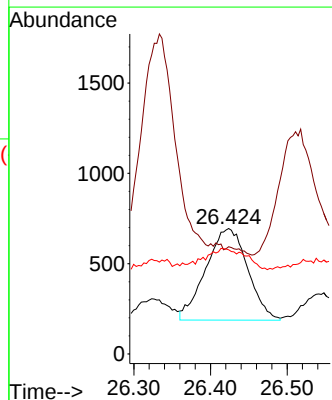
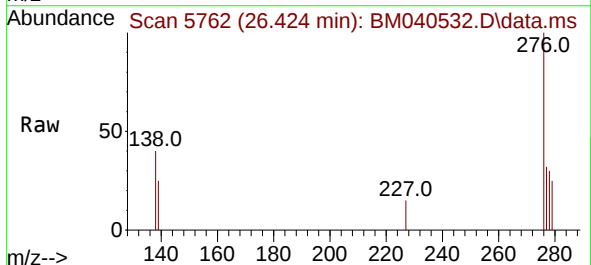
RT: 26.424 min Scan# 5762

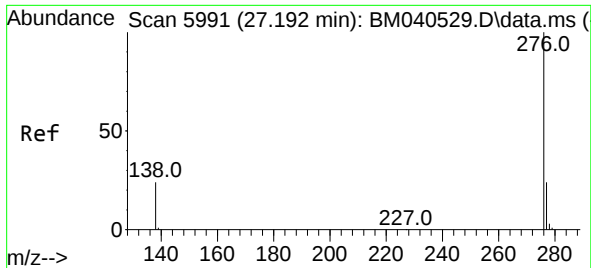
Delta R.T. -0.013 min

Lab File: BM040532.D

Acq: 02 Jul 2023 10:04

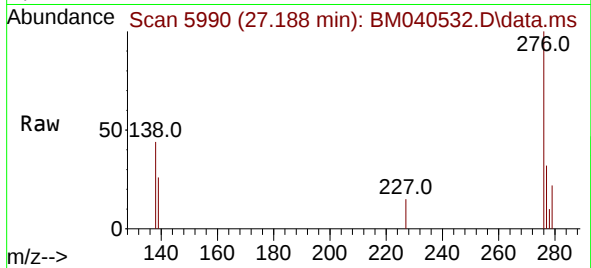
Tgt Ion:	278	Resp:	1924
Ion Ratio	Lower	Upper	
278	100		
139	85.5	17.9	26.9
279	83.0	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 0.150 ng/ul
RT: 27.188 min Scan# 5990
Delta R.T. 0.004 min
Lab File: BM040532.D
Acq: 02 Jul 2023 10:04

Instrument :
BNA_M
ClientSampleId :
DCGC2



Tgt Ion:276 Resp: 774
Ion Ratio Lower Upper
276 100
138 44.0 23.0 34.6
277 32.0 20.3 30.5

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