

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037132.D
 Acq On : 18 Oct 2022 03:06
 Operator : CG/JU
 Sample : N4984-14DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGNB8DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
 Supervised By :mohammad ahmed 10/19/2022

Quant Time: Oct 18 04:10:23 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 02:26:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	4777	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	17578	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.552	164	9243	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.288	188	17551	0.400	ng/ul	0.00
17) Chrysene-d12	21.462	240	11052	0.400	ng/ul	0.00
23) Perylene-d12	23.847	264	8792	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	6146	0.912	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	1412	0.053	ng/ul	0.00
18) Fluoranthene-d10	19.312	212	2517	0.076	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.770	128	1331	0.026	ng/ul#	86
10) Acenaphthylene	14.270	152	3197	0.083	ng/ul	96
12) Fluorene	15.597	166	1440	0.038	ng/ul#	97
15) Phenanthrene	17.330	178	29613	0.529	ng/ul	99
16) Anthracene	17.423	178	18269	0.390	ng/ul	99
19) Fluoranthene	19.340	202	116508	2.650	ng/ul	98
20) Pyrene	19.703	202	96791m	2.111	ng/ul	
21) Benzo(a)anthracene	21.447	228	49161	1.231	ng/ul	98
22) Chrysene	21.500	228	43208	1.008	ng/ul	99
24) Benzo(b)fluoranthene	23.119	252	48340	1.231	ng/ul	91
25) Benzo(k)fluoranthene	23.160	252	16995m	0.444	ng/ul	
26) Benzo(a)pyrene	23.739	252	35812	1.124	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.316	276	20396	0.452	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.326	278	5173	0.142	ng/ul	92
29) Benzo(g,h,i)perylene	27.081	276	15102	0.380	ng/ul	98

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

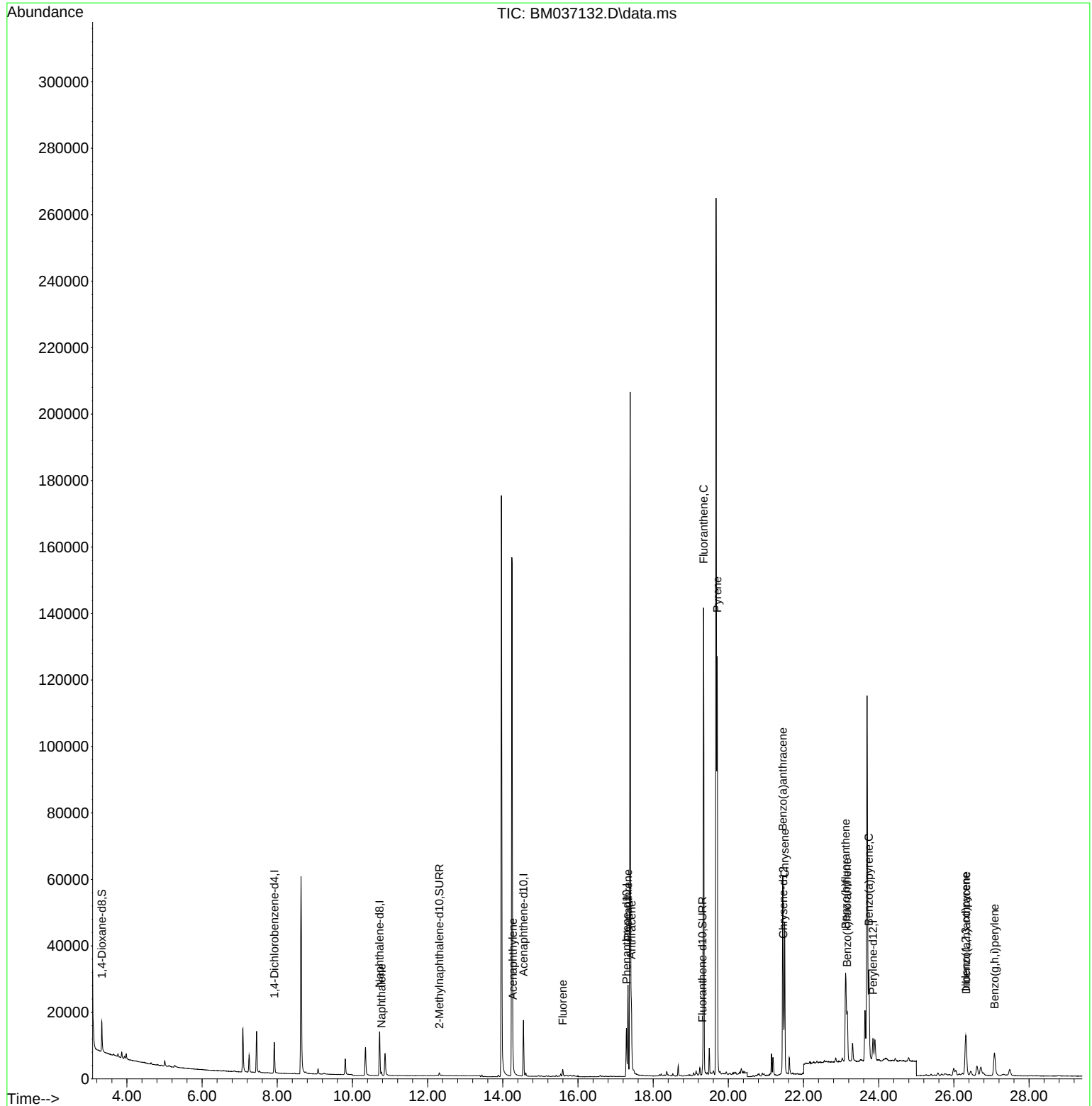
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
Data File : BM037132.D
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Sample : N4984-14DL 5X
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ALS Vial : 31 Sample Multiplier: 1

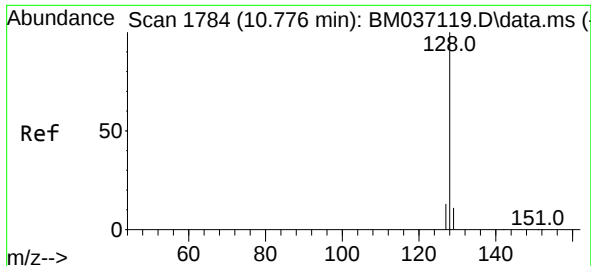
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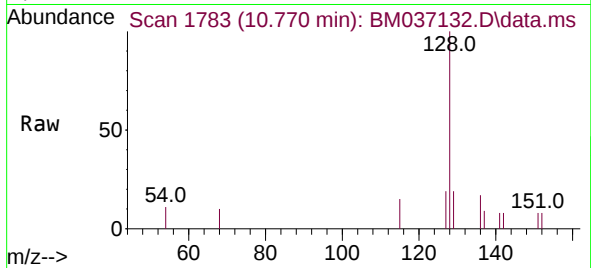
Quant Time: Oct 18 04:10:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 02:26:13 2022
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#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.770 min Scan# 1784
Delta R.T. -0.011 min
Lab File: BM037132.D
Acq: 18 Oct 2022 03:06

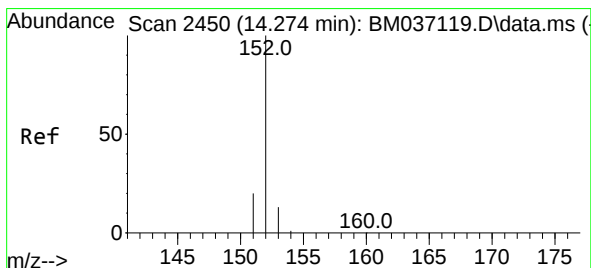
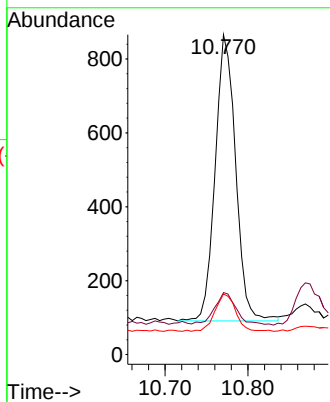
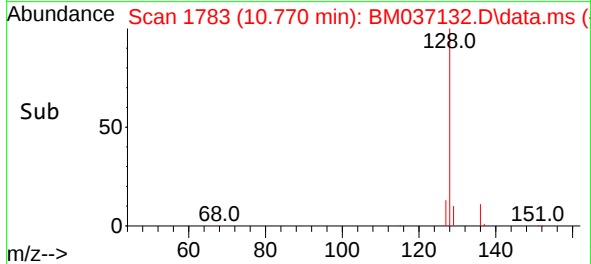
Instrument :
BNA_M
ClientSampleId :
BGNB8DL



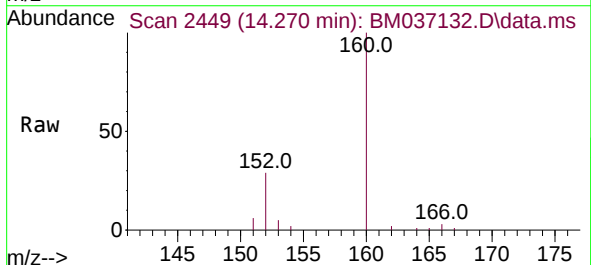
Tgt Ion:128 Resp: 1331
Ion Ratio Lower Upper
128 100
129 19.4 10.2 15.2
127 18.9 11.7 17.5

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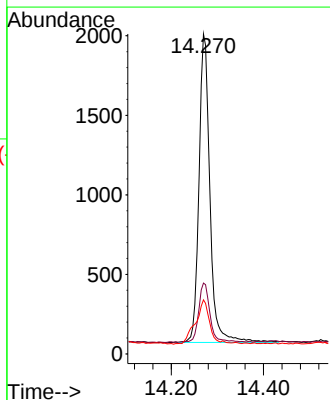
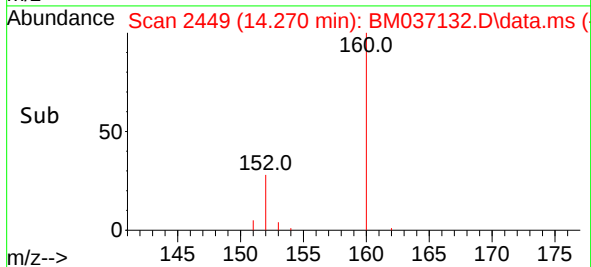
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

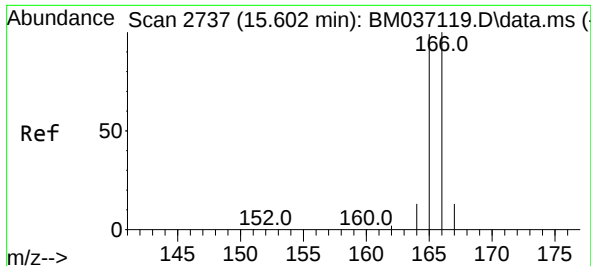


#10
Acenaphthylene
Concen: 0.083 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. -0.009 min
Lab File: BM037132.D
Acq: 18 Oct 2022 03:06



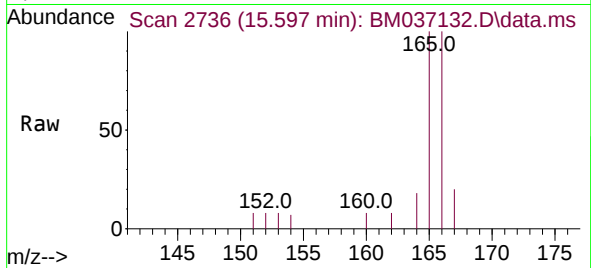
Tgt Ion:152 Resp: 3197
Ion Ratio Lower Upper
152 100
151 22.1 16.6 24.8
153 16.9 11.4 17.0





#12
Fluorene
Concen: 0.038 ng/u1
RT: 15.597 min Scan# 2737
Delta R.T. -0.005 min
Lab File: BM037132.D
Acq: 18 Oct 2022 03:06

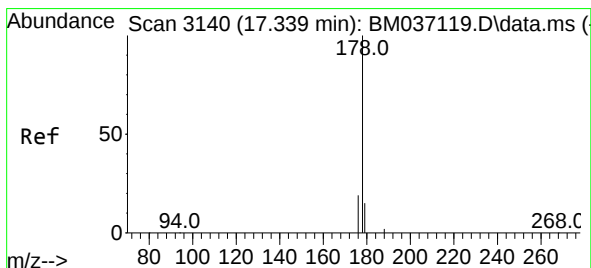
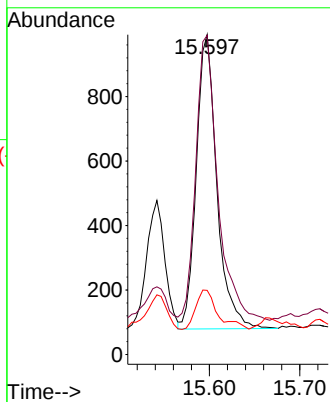
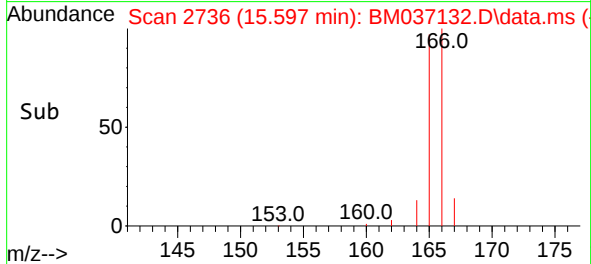
Instrument :
BNA_M
ClientSampleId :
BGNB8DL



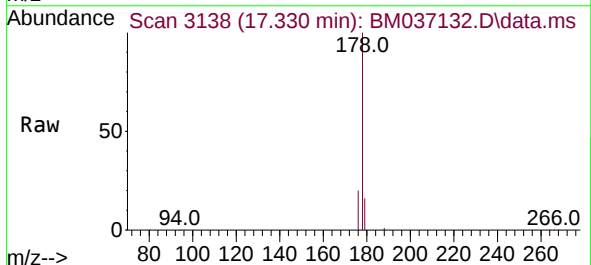
Tgt Ion:166 Resp: 1440
Ion Ratio Lower Upper
166 100
165 99.8 78.9 118.3
167 20.1 11.3 16.9

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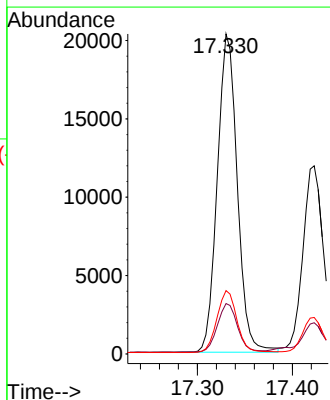
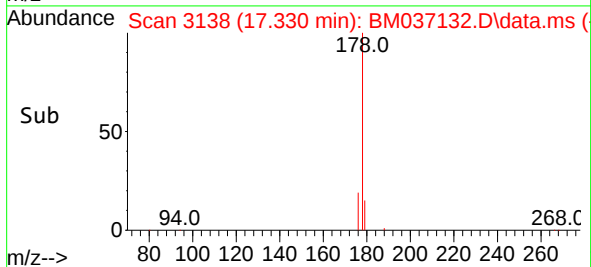
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

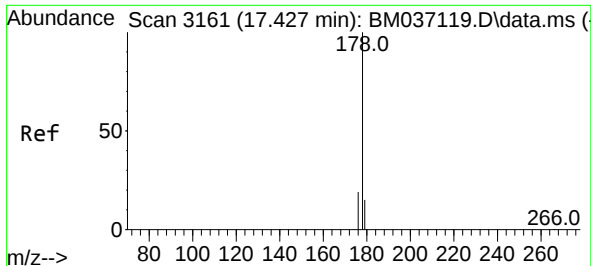


#15
Phenanthrene
Concen: 0.529 ng/u1
RT: 17.330 min Scan# 3138
Delta R.T. -0.008 min
Lab File: BM037132.D
Acq: 18 Oct 2022 03:06



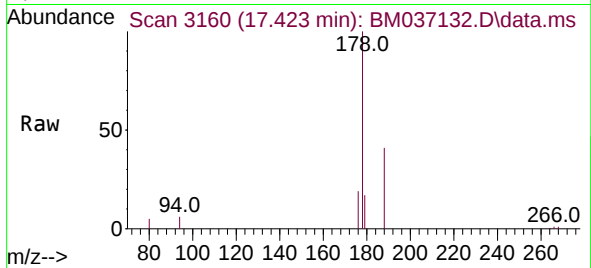
Tgt Ion:178 Resp: 29613
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.8 15.6 23.4





#16
 Anthracene
 Concen: 0.390 ng/ul
 RT: 17.423 min Scan# 3161
 Delta R.T. -0.008 min
 Lab File: BM037132.D
 Acq: 18 Oct 2022 03:06

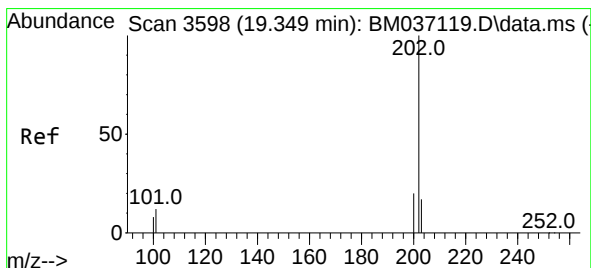
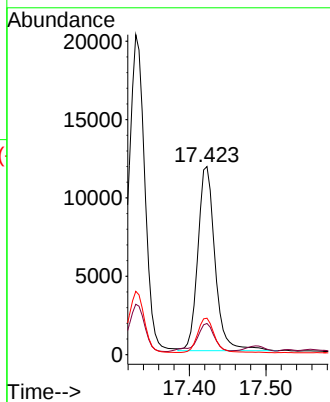
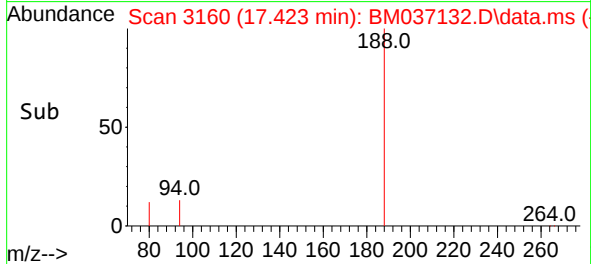
Instrument :
 BNA_M
 ClientSampleId :
 BGNB8DL



Tgt Ion:178 Resp: 18269
 Ion Ratio Lower Upper
 178 100
 179 16.5 13.6 20.4
 176 19.4 15.6 23.4

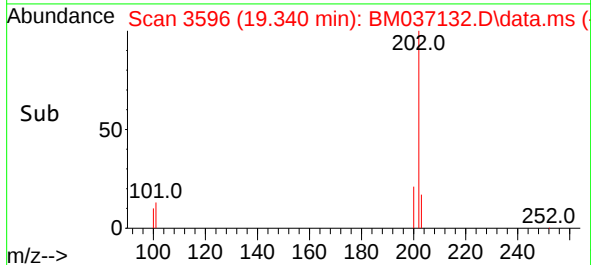
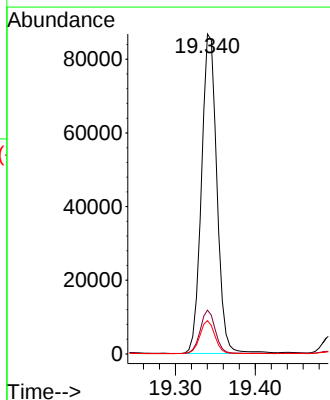
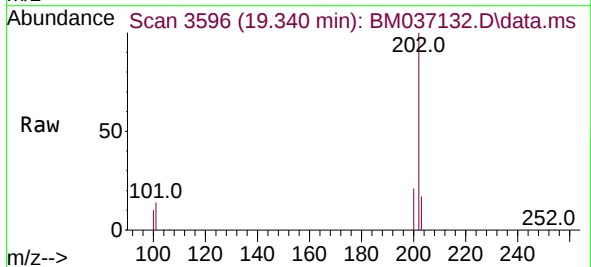
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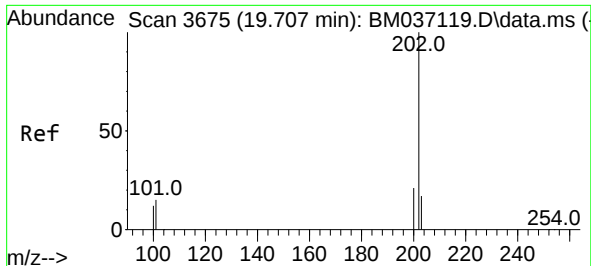
Reviewed By :Jagrut Upadhyay 10/18/2022
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#19
 Fluoranthene
 Concen: 2.650 ng/ul
 RT: 19.340 min Scan# 3596
 Delta R.T. -0.009 min
 Lab File: BM037132.D
 Acq: 18 Oct 2022 03:06

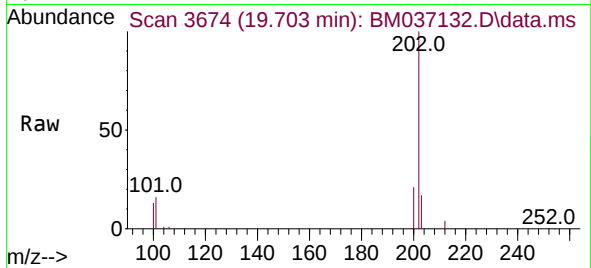
Tgt Ion:202 Resp: 116508
 Ion Ratio Lower Upper
 202 100
 101 13.7 10.1 15.1
 100 10.4 7.9 11.9





#20
Pyrene
Concen: 2.111 ng/ul m
RT: 19.703 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM037132.D
Acq: 18 Oct 2022 03:06

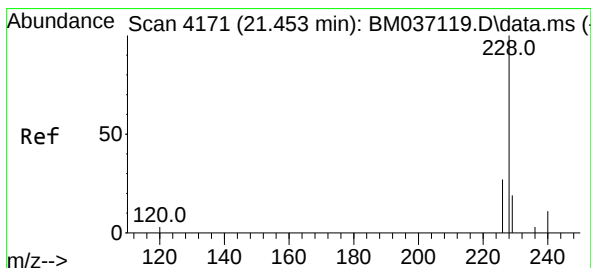
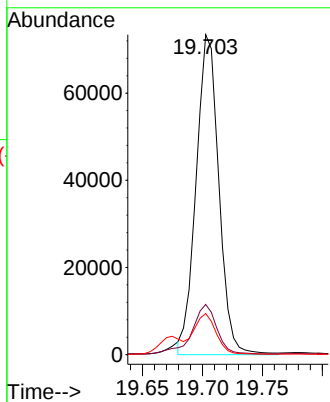
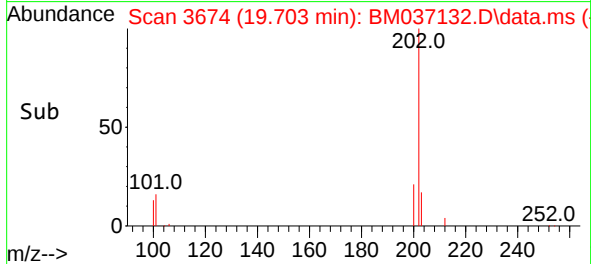
Instrument :
BNA_M
ClientSampleId :
BGNB8DL



Tgt Ion:202 Resp: 96791
Ion Ratio Lower Upper
202 100
101 15.7 12.0 18.0
100 12.8 9.8 14.6

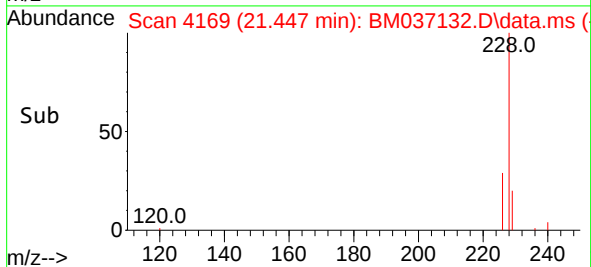
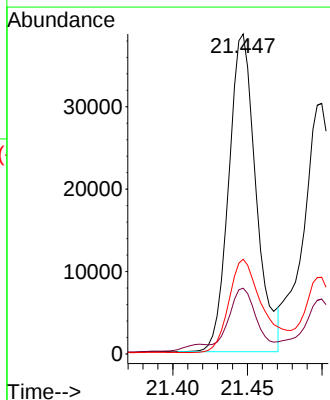
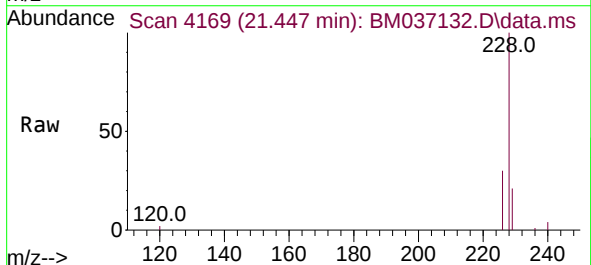
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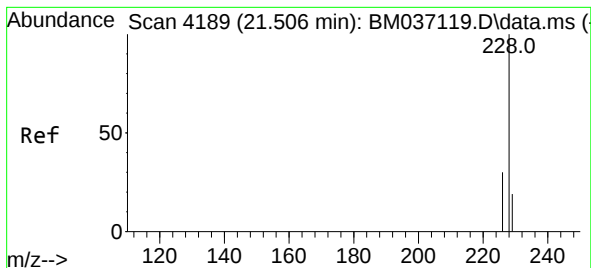
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#21
Benzo(a)anthracene
Concen: 1.231 ng/ul
RT: 21.447 min Scan# 4169
Delta R.T. -0.003 min
Lab File: BM037132.D
Acq: 18 Oct 2022 03:06

Tgt Ion:228 Resp: 49161
Ion Ratio Lower Upper
228 100
229 20.5 16.2 24.2
226 29.6 22.5 33.7





#22

Chrysene

Concen: 1.008 ng/ul

RT: 21.500 min Scan# 4189

Delta R.T. -0.003 min

Lab File: BM037132.D

Acq: 18 Oct 2022 03:06

Instrument :

BNA_M

ClientSampleId :

BGNB8DL

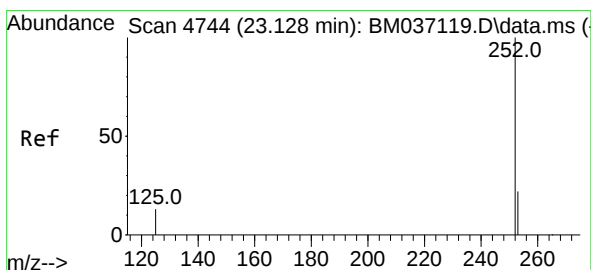
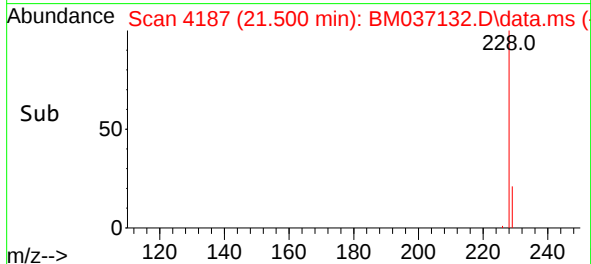
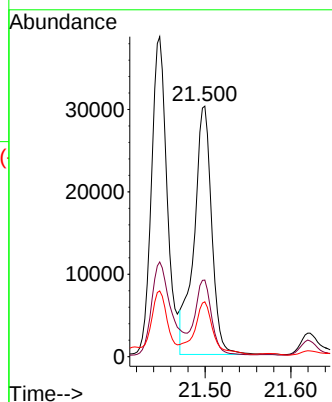
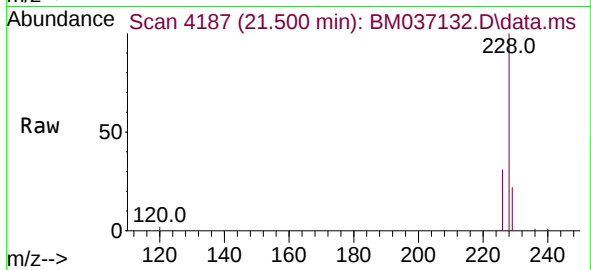
Tgt Ion:228 Resp: 43208

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	21.9	16.4	24.6

Manual Integrations

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#24

Benzo(b)fluoranthene

Concen: 1.231 ng/ul

RT: 23.119 min Scan# 4741

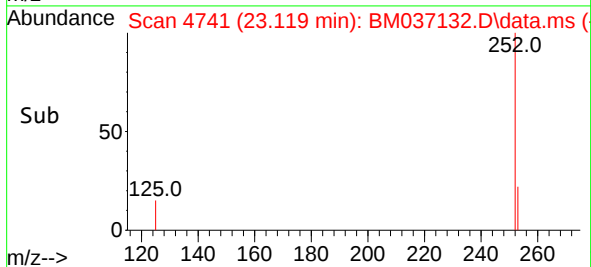
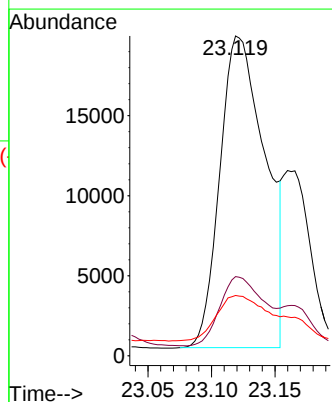
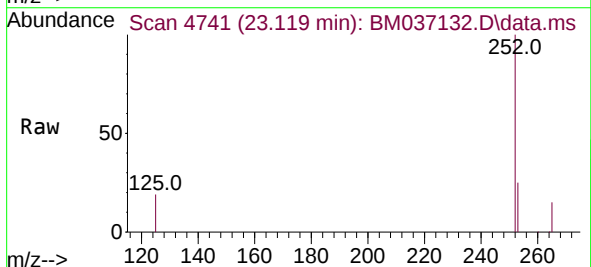
Delta R.T. -0.003 min

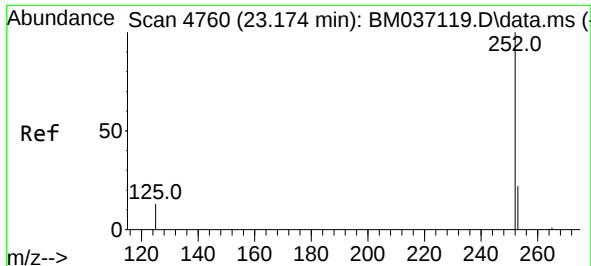
Lab File: BM037132.D

Acq: 18 Oct 2022 03:06

Tgt Ion:252 Resp: 48340

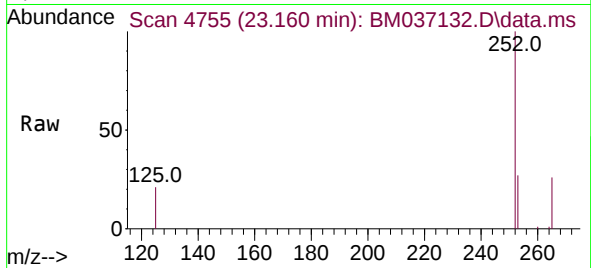
Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	61.4
125	18.9	0.0	42.6





#25
Benzo(k)fluoranthene
Concen: 0.444 ng/ul m
RT: 23.160 min Scan# 4755
Delta R.T. -0.009 min
Lab File: BM037132.D
Acq: 18 Oct 2022 03:06

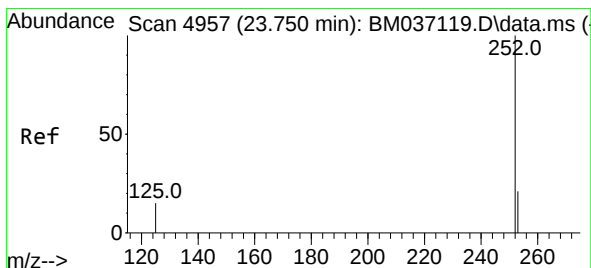
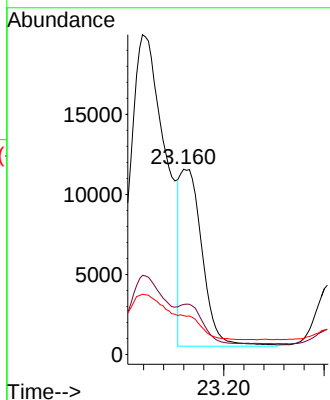
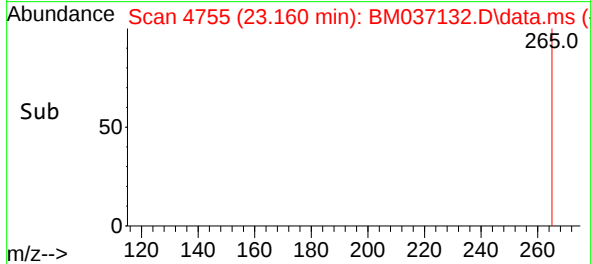
Instrument :
BNA_M
ClientSampleId :
BGNB8DL



Tgt Ion:252 Resp: 16995
Ion Ratio Lower Upper
252 100
253 27.1 25.2 37.8
125 21.1 18.3 27.5

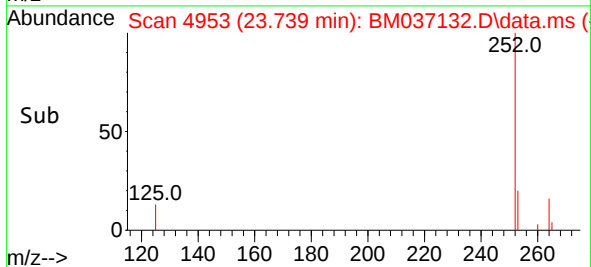
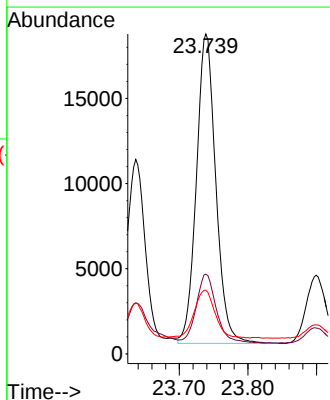
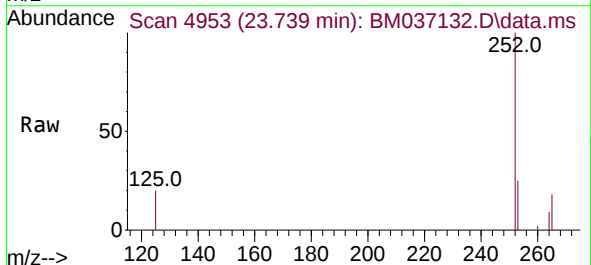
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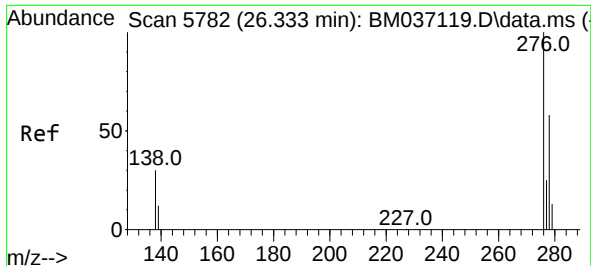
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#26
Benzo(a)pyrene
Concen: 1.124 ng/ul
RT: 23.739 min Scan# 4953
Delta R.T. -0.006 min
Lab File: BM037132.D
Acq: 18 Oct 2022 03:06

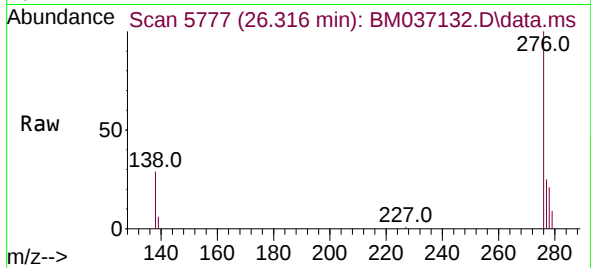
Tgt Ion:252 Resp: 35812
Ion Ratio Lower Upper
252 100
253 24.9 29.7 44.5#
125 19.9 23.6 35.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.452 ng/ul
RT: 26.316 min Scan# 5777
Delta R.T. -0.010 min
Lab File: BM037132.D
Acq: 18 Oct 2022 03:06

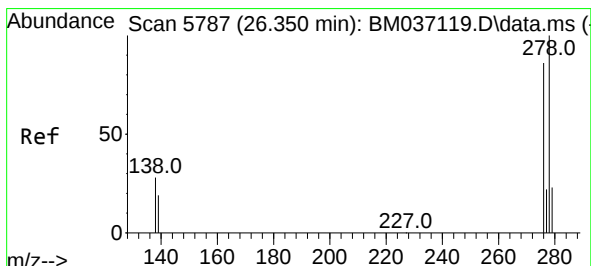
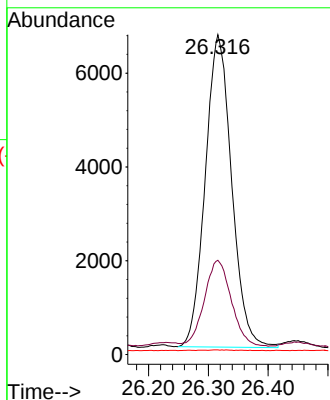
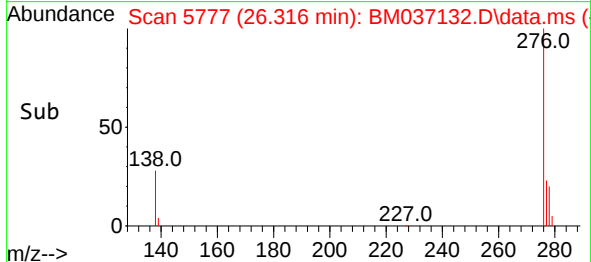
Instrument :
BNA_M
ClientSampleId :
BGNB8DL



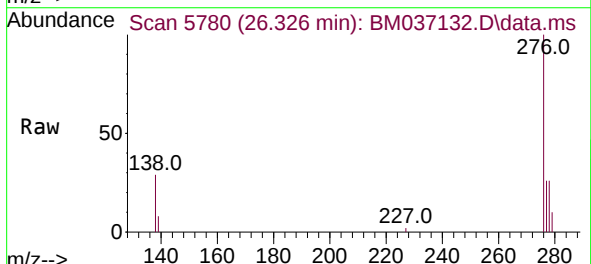
Tgt Ion:276 Resp: 20396
Ion Ratio Lower Upper
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138 28.2 23.9 35.9
227 0.1 0.1 0.1

Manual Integrations
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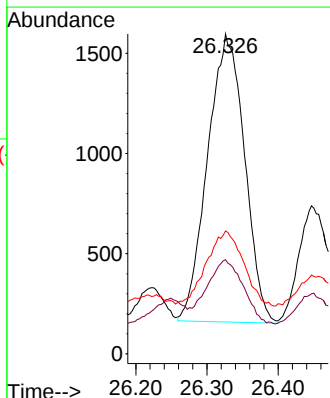
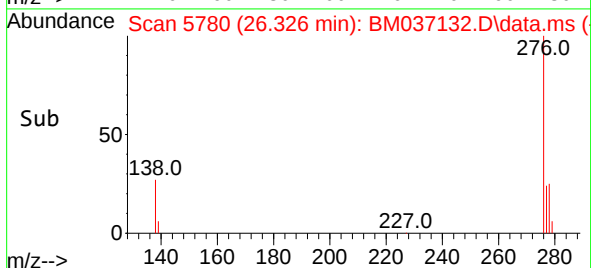
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

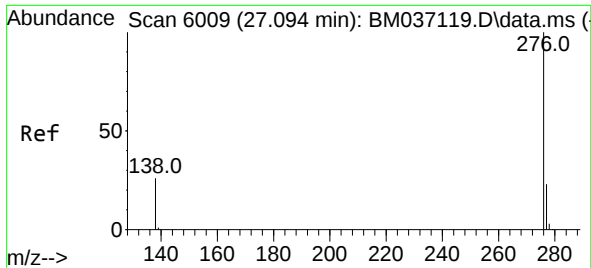


#28
Dibenzo(a,h)anthracene
Concen: 0.142 ng/ul
RT: 26.326 min Scan# 5780
Delta R.T. -0.017 min
Lab File: BM037132.D
Acq: 18 Oct 2022 03:06



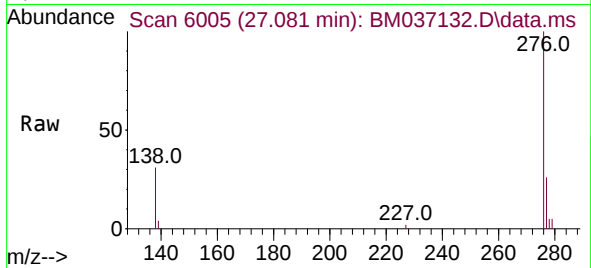
Tgt Ion:278 Resp: 5173
Ion Ratio Lower Upper
278 100
139 29.4 19.8 29.6
279 38.4 27.7 41.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.380 ng/ul
 RT: 27.081 min Scan# 6005
 Delta R.T. -0.007 min
 Lab File: BM037132.D
 Acq: 18 Oct 2022 03:06

Instrument :
 BNA_M
 ClientSampleId :
 BGNB8DL



Tgt Ion:	276	Resp:	1510
Ion Ratio	Lower	Upper	
276	100		
138	30.6	23.4	35.0
277	25.6	21.0	31.4

Manual Integrations
 APPROVED

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