

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048373.D
 Acq On : 01 Nov 2024 01:04
 Operator : RC/JU
 Sample : P4530-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H40

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Nov 03 07:04:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.712	152	4476	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.497	136	14393	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.349	164	7823	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.095	188	16235m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.283	240	13999m	0.400	ng/ul	0.00
23) Perylene-d12	23.516	264	12623m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	19763	3.595	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.119	152	4533	0.248	ng/ul	-0.02
18) Fluoranthene-d10	19.123	212	10328	0.291	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.072	152	975	0.032	ng/ul#	73
15) Phenanthrene	17.133	178	1419m	0.035	ng/ul	
16) Anthracene	17.226	178	7943m	0.210	ng/ul	
19) Fluoranthene	19.155	202	16105	0.334	ng/ul#	95
20) Pyrene	19.513	202	18743m	0.362	ng/ul	
21) Benzo(a)anthracene	21.268	228	8783	0.209	ng/ul	94
22) Chrysene	21.318	228	9146	0.158	ng/ul	96
24) Benzo(b)fluoranthene	22.841	252	14412m	0.334	ng/ul	
25) Benzo(k)fluoranthene	22.879	252	5177m	0.101	ng/ul	
26) Benzo(a)pyrene	23.414	252	6699	0.165	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.809	276	5298	0.094	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.816	278	1392	0.032	ng/ul#	1
29) Benzo(g,h,i)perylene	26.500	276	5046	0.106	ng/ul#	90

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

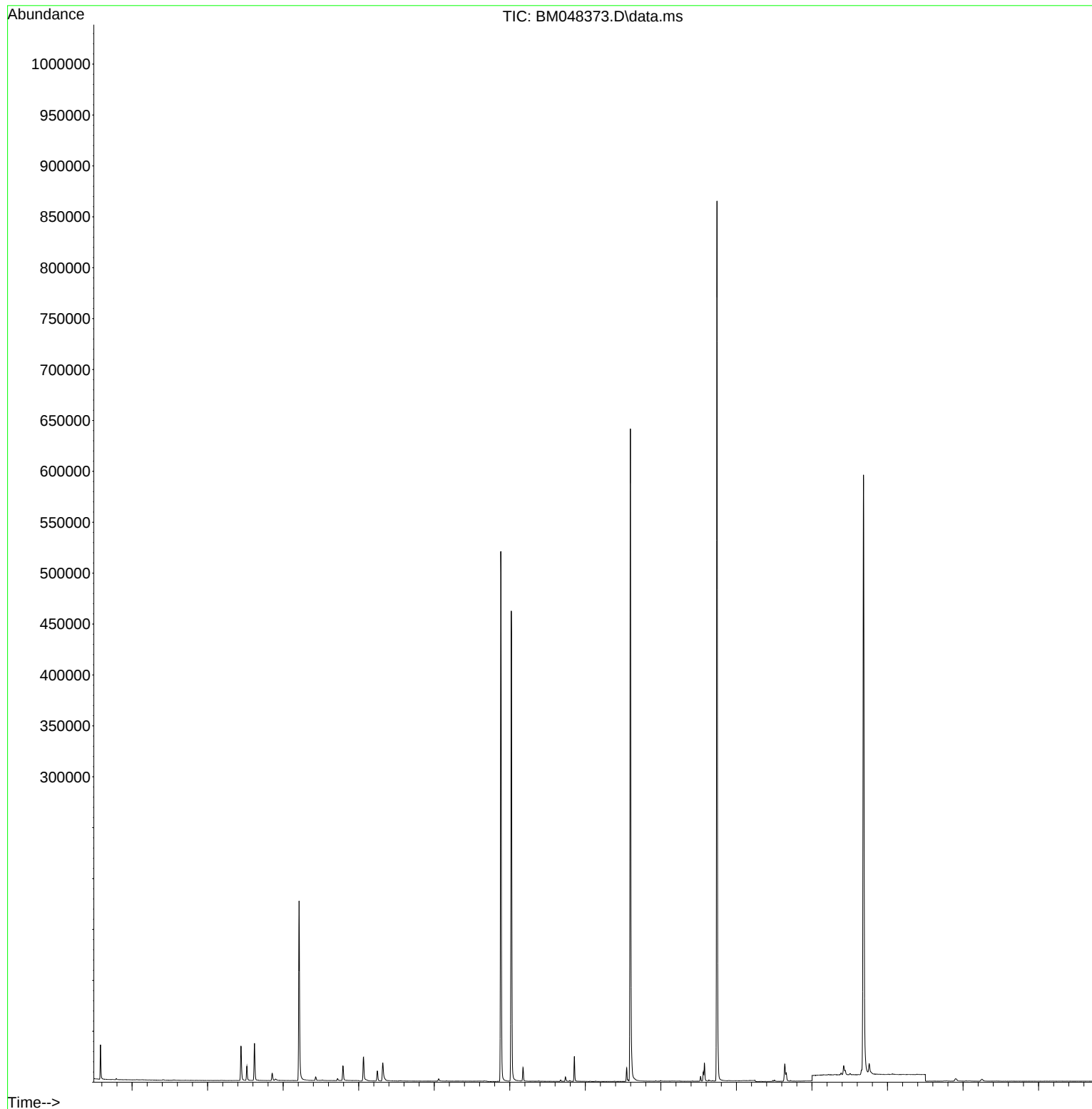
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048373.D
Acq On : 01 Nov 2024 01:04
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ALS Vial : 25 Sample Multiplier: 1

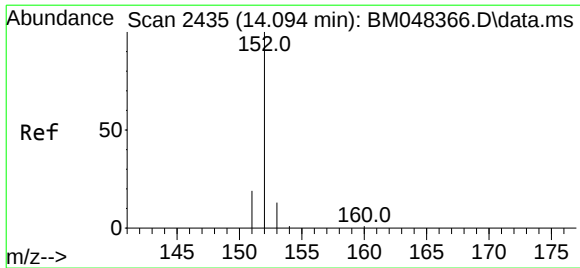
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Quant Time: Nov 03 07:04:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
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#10

Acenaphthylene

Concen: 0.032 ng/u1

RT: 14.072 min Scan# 24

Delta R.T. -0.018 min

Lab File: BM048373.D

Acq: 01 Nov 2024 01:04

Instrument :

BNA_M

ClientSampleId :

F7H40

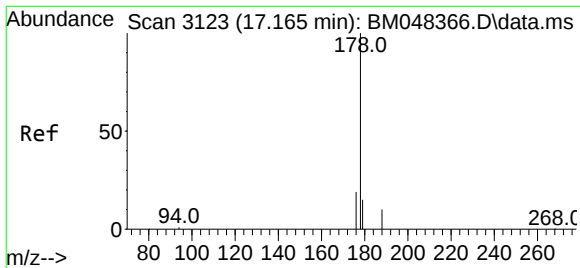
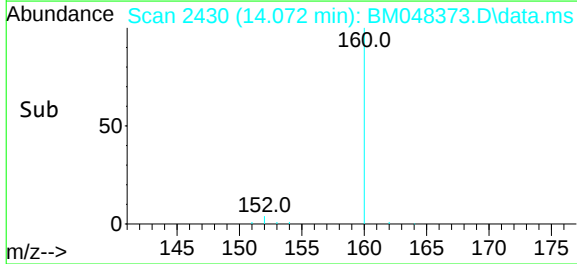
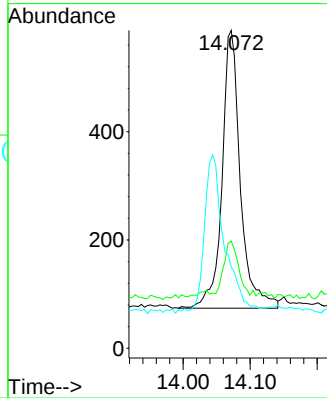
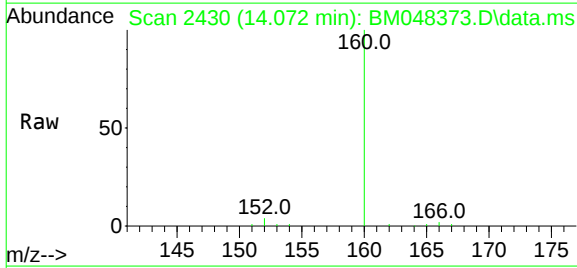
Tgt Ion:	152	Resp:	975
Ion Ratio	Lower	Upper	
152	100		
151	33.7	16.6	24.8#
153	25.6	11.8	17.6#

Manual Integrations

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#15

Phenanthrene

Concen: 0.035 ng/u1 m

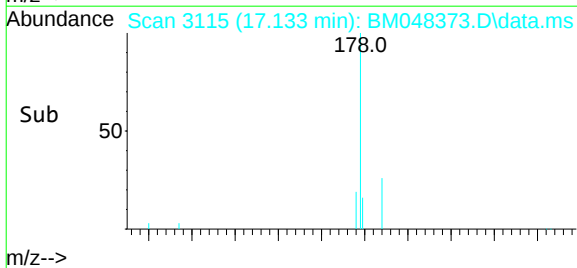
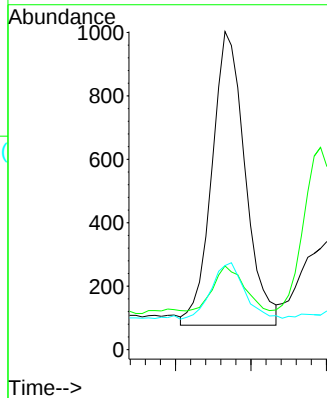
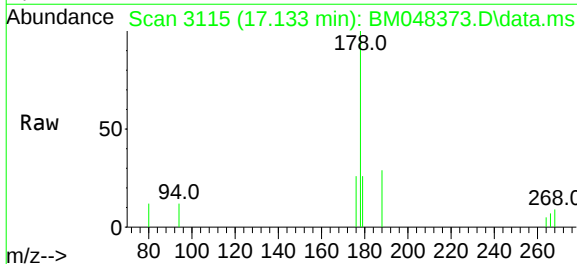
RT: 17.133 min Scan# 3115

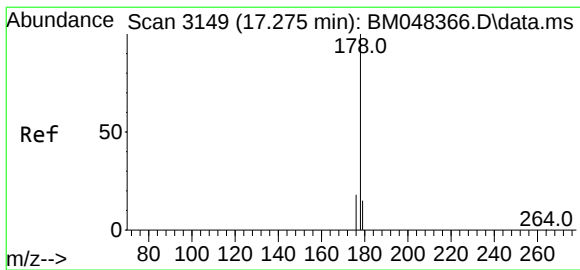
Delta R.T. -0.025 min

Lab File: BM048373.D

Acq: 01 Nov 2024 01:04

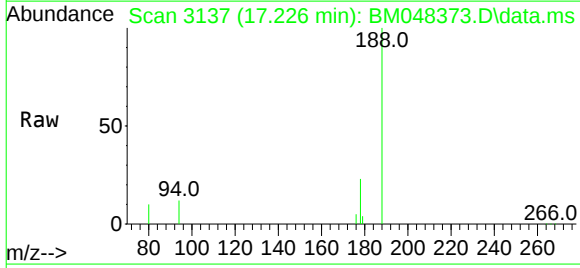
Tgt Ion:	178	Resp:	1419
Ion Ratio	Lower	Upper	
178	100		
179	26.3	13.9	20.9#
176	26.4	16.0	24.0#





#16
 Anthracene
 Concen: 0.210 ng/ul m
 RT: 17.226 min Scan# 31
 Delta R.T. -0.034 min
 Lab File: BM048373.D
 Acq: 01 Nov 2024 01:04

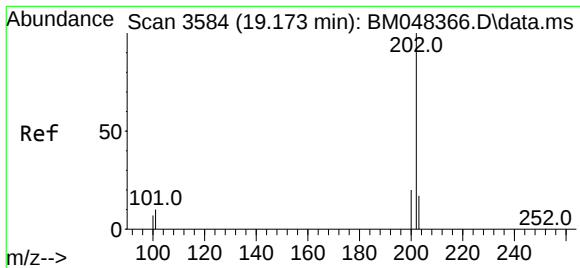
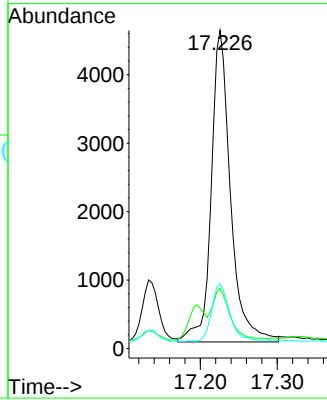
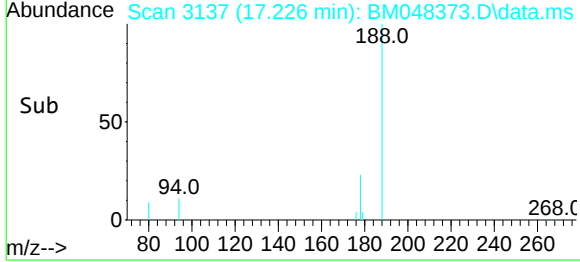
Instrument :
 BNA_M
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 F7H40



Tgt Ion:	178	Resp:	7943
Ion Ratio	Lower	Upper	
178	100		
179	18.9	14.2	21.2
176	20.3	15.8	23.6

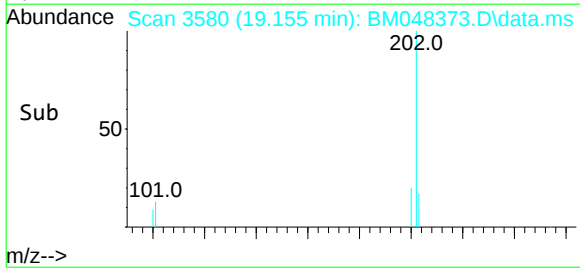
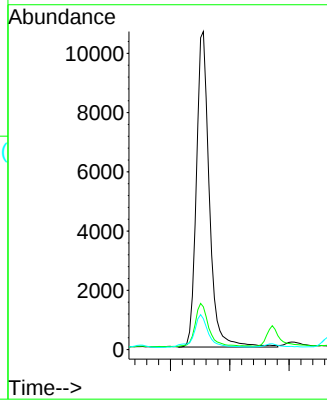
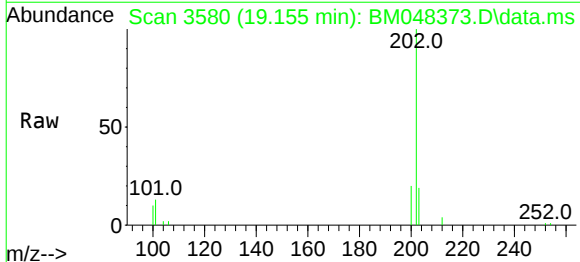
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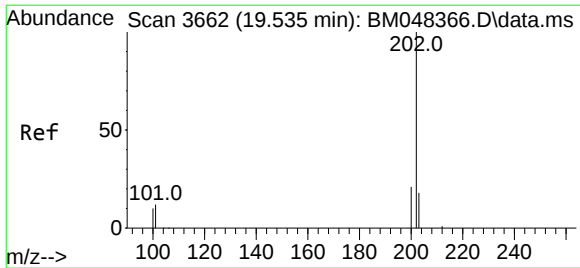
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#19
 Fluoranthene
 Concen: 0.334 ng/ul
 RT: 19.155 min Scan# 3580
 Delta R.T. -0.014 min
 Lab File: BM048373.D
 Acq: 01 Nov 2024 01:04

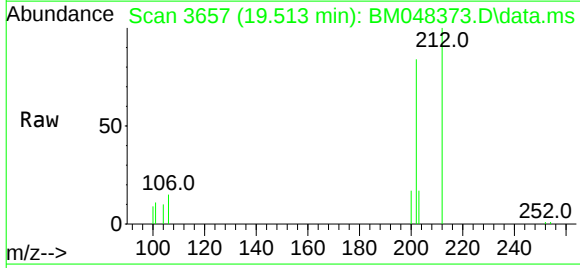
Tgt Ion:	202	Resp:	16105
Ion Ratio	Lower	Upper	
202	100		
101	13.5	9.0	13.4#
100	9.7	6.6	10.0





#20
Pyrene
 Concen: 0.362 ng/u1 m
 RT: 19.513 min Scan# 36
 Delta R.T. -0.019 min
 Lab File: BM048373.D
 Acq: 01 Nov 2024 01:04

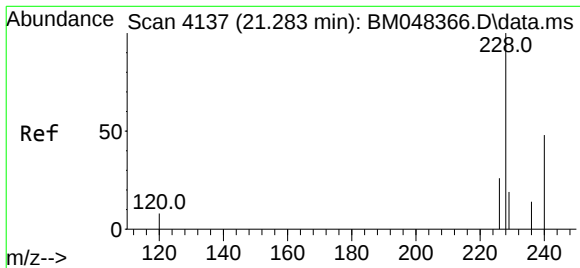
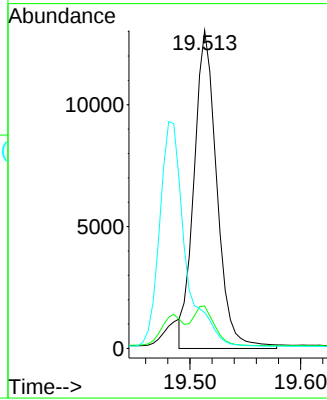
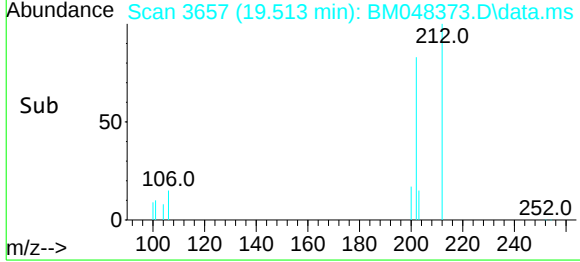
Instrument :
 BNA_M
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Tgt Ion:	202	Resp:	18743
Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.0	15.0
100	11.3	8.0	12.0

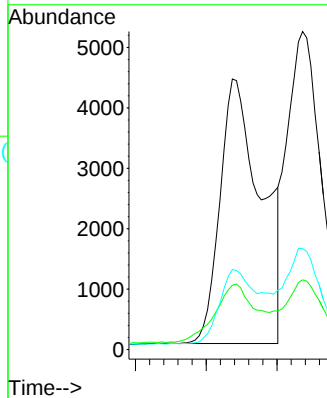
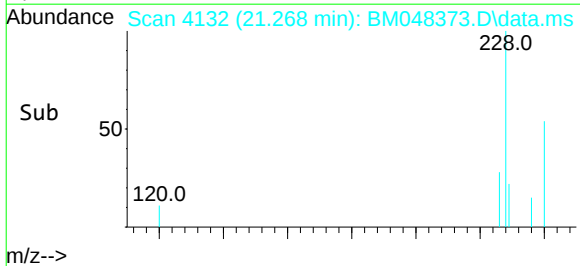
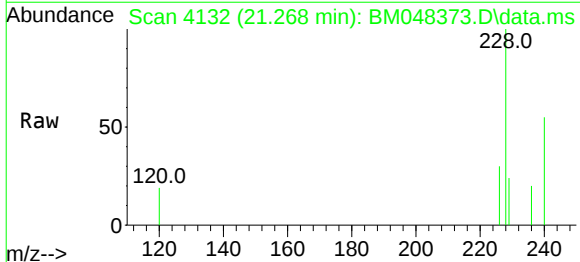
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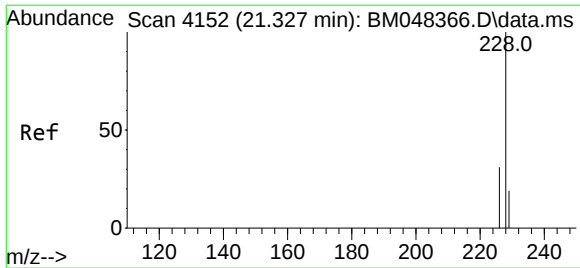
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#21
Benzo(a)anthracene
 Concen: 0.209 ng/u1
 RT: 21.268 min Scan# 4132
 Delta R.T. -0.012 min
 Lab File: BM048373.D
 Acq: 01 Nov 2024 01:04

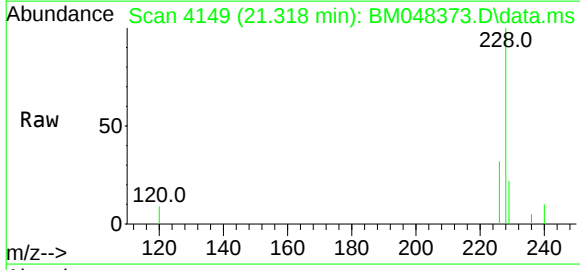
Tgt Ion:	228	Resp:	8783
Ion	Ratio	Lower	Upper
228	100		
229	23.8	15.9	23.9
226	29.6	22.1	33.1





#22
Chrysene
Concen: 0.158 ng/u1
RT: 21.318 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM048373.D
Acq: 01 Nov 2024 01:04

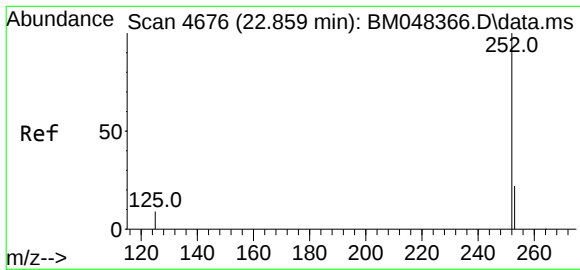
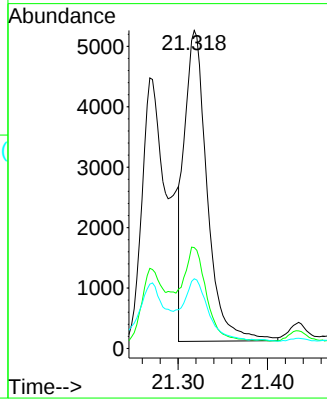
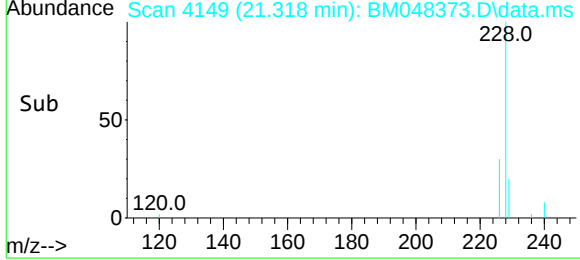
Instrument :
BNA_M
ClientSampleId :
F7H40



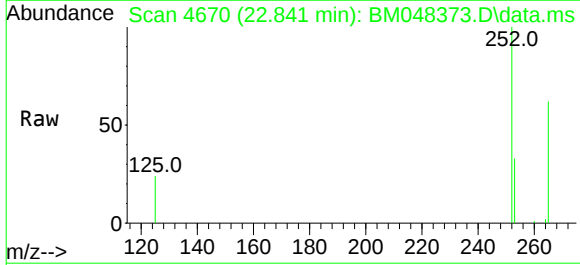
Tgt Ion:	228	Resp:	9146
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.1	36.1
229	21.9	15.9	23.9

Manual Integrations
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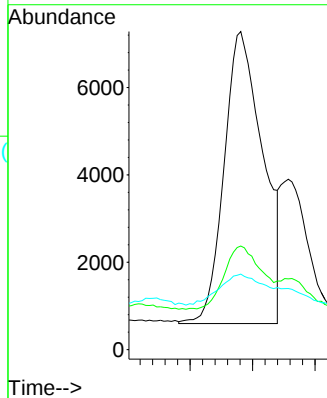
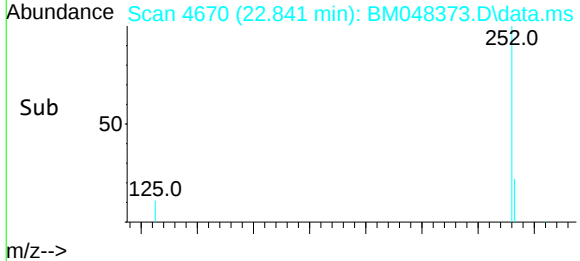
Reviewed By :Yogesh Patel 11/04/2024
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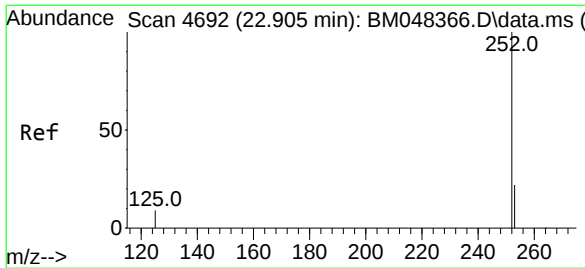


#24
Benzo(b)fluoranthene
Concen: 0.334 ng/u1 m
RT: 22.841 min Scan# 4670
Delta R.T. -0.020 min
Lab File: BM048373.D
Acq: 01 Nov 2024 01:04



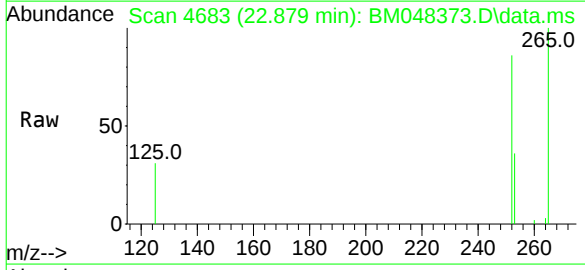
Tgt Ion:	252	Resp:	14412
Ion Ratio	Lower	Upper	
252	100		
253	32.6	0.0	59.4
125	23.7	0.0	38.0





#25
Benzo(k)fluoranthene
Concen: 0.101 ng/u1 m
RT: 22.879 min Scan# 46
Delta R.T. -0.026 min
Lab File: BM048373.D
Acq: 01 Nov 2024 01:04

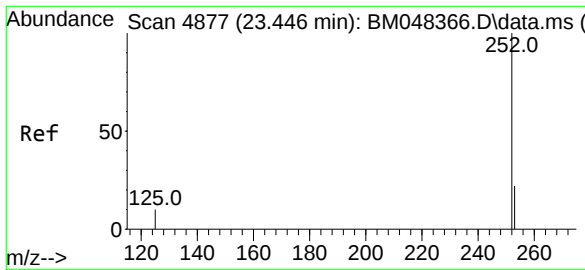
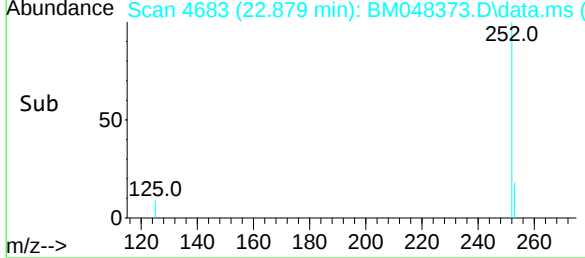
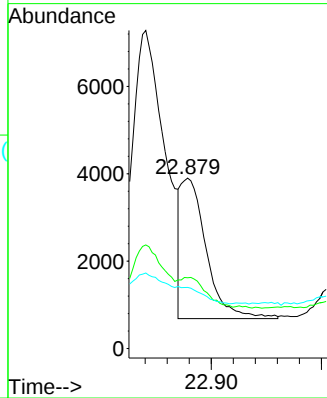
Instrument :
BNA_M
ClientSampleId :
F7H40



Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.5	23.4	35.0#
125	35.9	15.3	22.9#

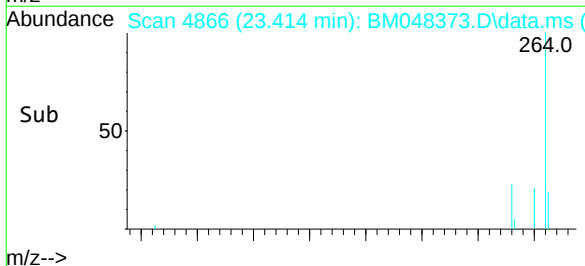
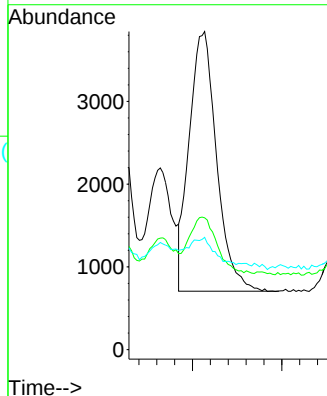
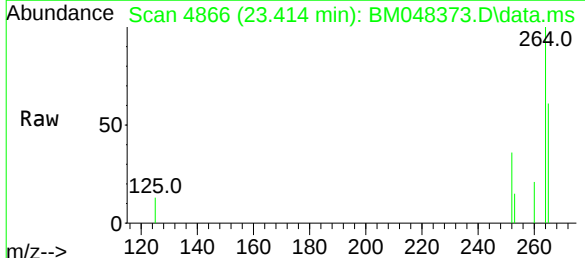
Manual Integrations
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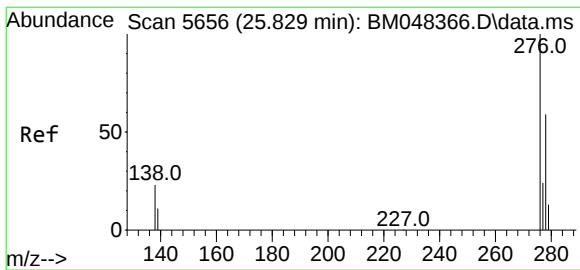
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#26
Benzo(a)pyrene
Concen: 0.165 ng/u1
RT: 23.414 min Scan# 4866
Delta R.T. -0.026 min
Lab File: BM048373.D
Acq: 01 Nov 2024 01:04

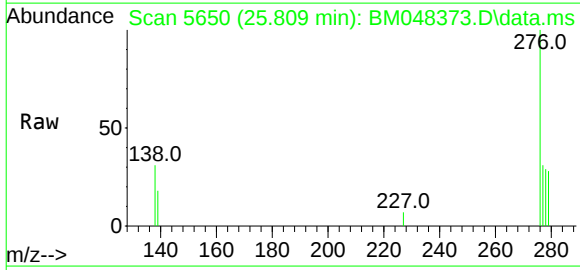
Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.4	27.7	41.5
125	35.3	21.1	31.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.094 ng/ul
RT: 25.809 min Scan# 5656
Delta R.T. -0.003 min
Lab File: BM048373.D
Acq: 01 Nov 2024 01:04

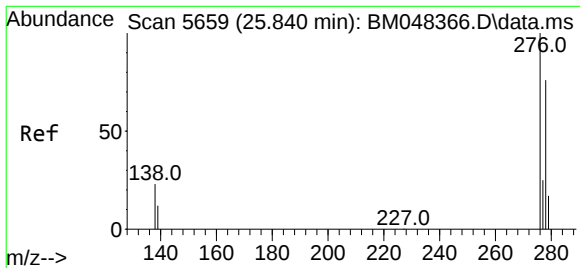
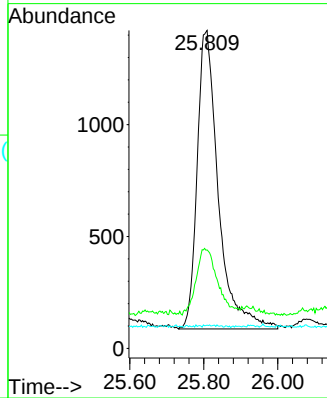
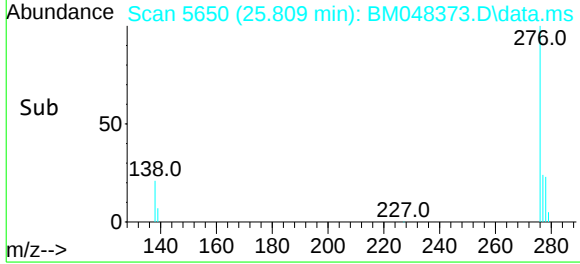
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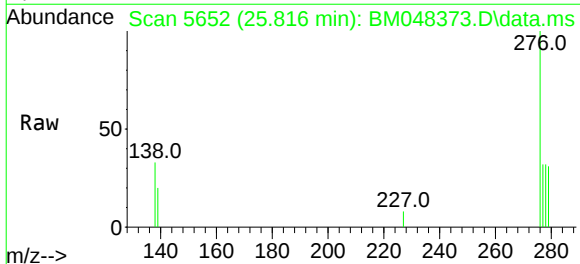
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Ion Ratio Lower Upper
276 100
138 22.8 19.6 29.4
227 0.2 0.1 0.1#

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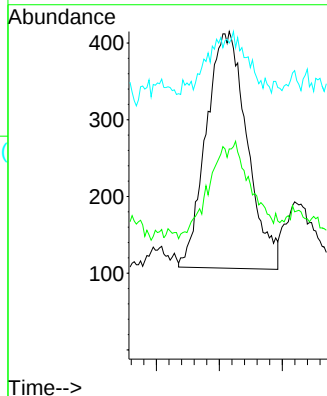
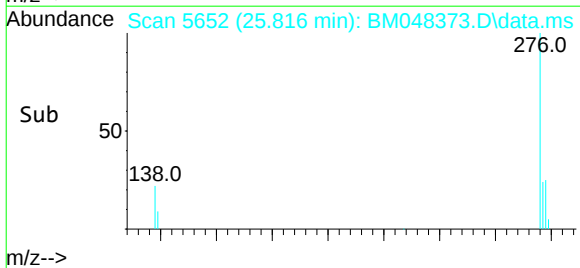
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

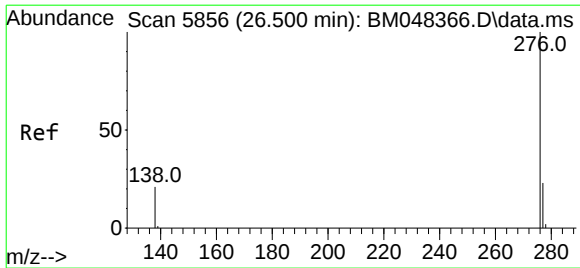


#28
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 25.816 min Scan# 5652
Delta R.T. -0.020 min
Lab File: BM048373.D
Acq: 01 Nov 2024 01:04



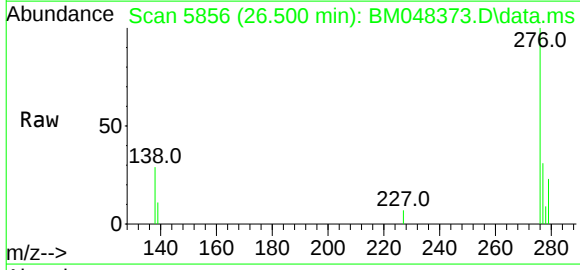
Tgt Ion: 278 Resp: 1392
Ion Ratio Lower Upper
278 100
139 63.1 15.6 23.4#
279 96.4 26.4 39.6#





#29
 Benzo(g,h,i)perylene
 Concen: 0.106 ng/ul
 RT: 26.500 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: BM048373.D
 Acq: 01 Nov 2024 01:04

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:	276	Resp:	5046
Ion Ratio	Lower	Upper	
276	100		
138	29.4	19.0	28.6#
277	30.5	20.6	31.0

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