

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
 Data File : BM048749.D
 Acq On : 16 Nov 2024 19:29
 Operator : RC/JU
 Sample : P4803-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0AS1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024

Quant Time: Nov 17 22:49:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 17 22:31:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.629	152	3475	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.410	136	10530	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.276	164	5844	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.024	188	11675m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.223	240	10011m	0.400	ng/ul	0.00
23) Perylene-d12	23.423	264	9188m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	16655	3.973	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.015	152	2511	0.184	ng/ul	-0.03
18) Fluoranthene-d10	19.059	212	6509	0.232	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.459	128	3577	0.136	ng/ul#	89
7) 2-Methylnaphthalene	12.092	142	1499	0.090	ng/ul#	79
8) 1-Methylnaphthalene	12.307	142	1910	0.112	ng/ul	100
11) Acenaphthene	14.336	153	453	0.026	ng/ul	88
12) Fluorene	15.331	166	639	0.033	ng/ul#	74
15) Phenanthrene	17.066	178	1362m	0.044	ng/ul	
16) Anthracene	17.159	178	1258m	0.044	ng/ul	
19) Fluoranthene	19.091	202	862	0.023	ng/ul#	1
21) Benzo(a)anthracene	21.208	228	752	0.023	ng/ul#	38
22) Chrysene	21.258	228	1302	0.033	ng/ul#	56
24) Benzo(b)fluoranthene	22.760	252	979	0.034	ng/ul#	1
25) Benzo(k)fluoranthene	22.806	252	928	0.028	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.662	276	891	0.023	ng/ul#	53
29) Benzo(g,h,i)perylene	26.353	276	686	0.021	ng/ul#	5

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

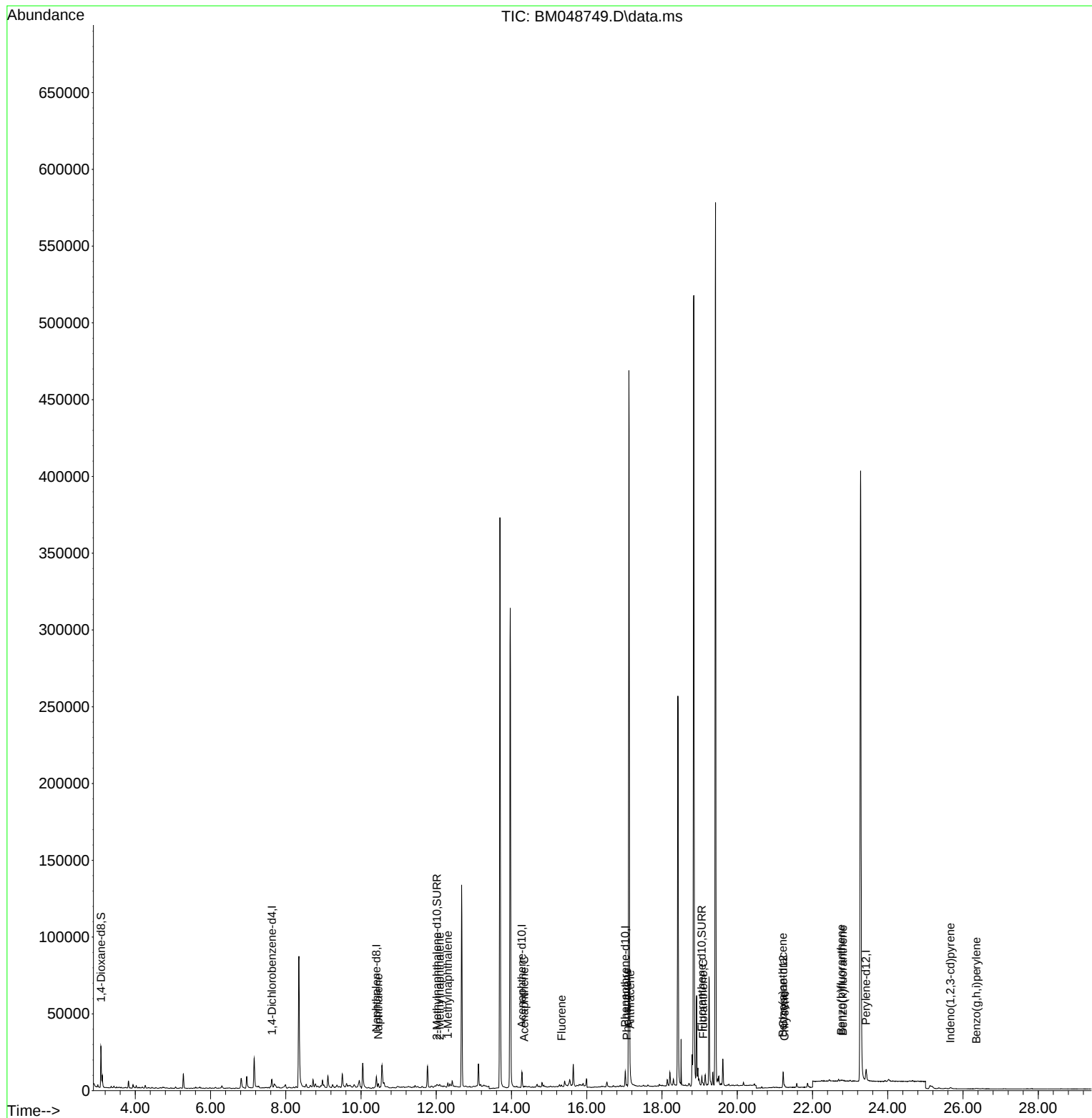
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
Data File : BM048749.D
Acq On : 16 Nov 2024 19:29
Operator : RC/JU
Sample : P4803-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

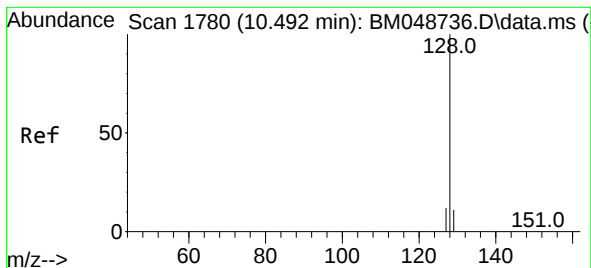
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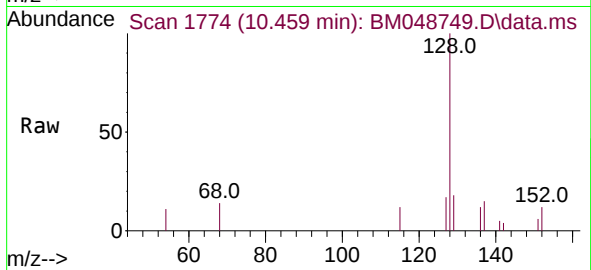
Quant Time: Nov 17 22:49:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 17 22:31:02 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.136 ng/ul
RT: 10.459 min Scan# 1774
Delta R.T. -0.033 min
Lab File: BM048749.D
Acq: 16 Nov 2024 19:29

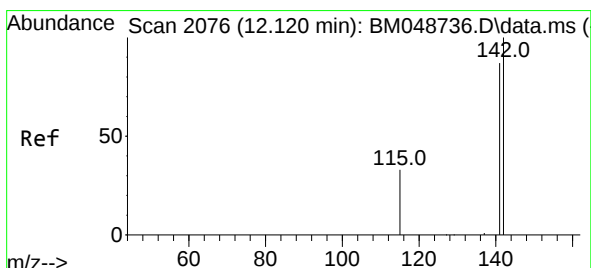
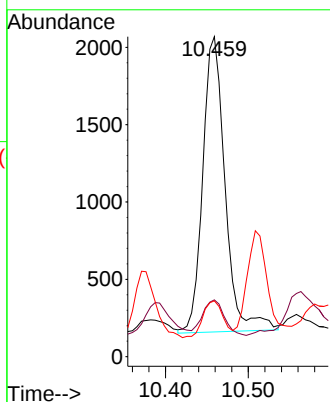
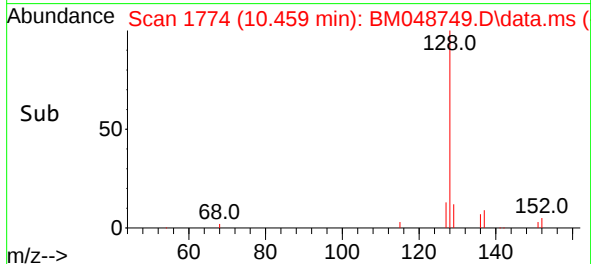
Instrument :
BNA_M
ClientSampleId :
A0AS1



Tgt Ion:128 Resp: 357
Ion Ratio Lower Upper
128 100
129 17.7 10.0 15.0
127 17.4 10.9 16.3

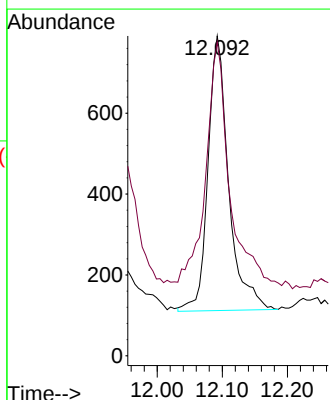
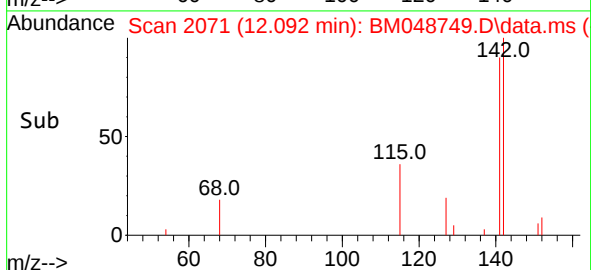
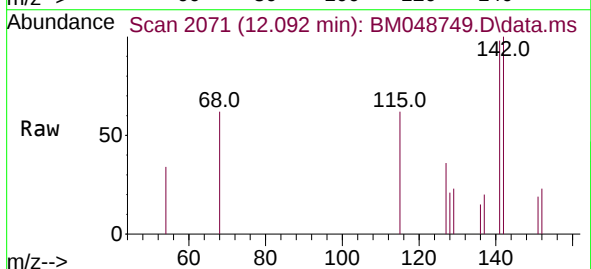
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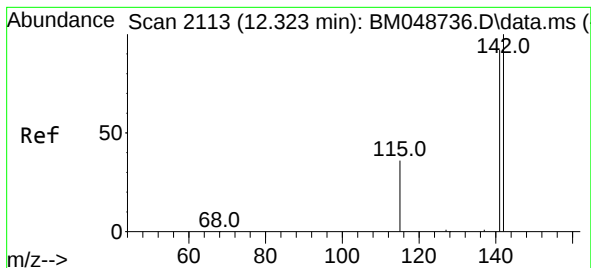
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#7
2-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.092 min Scan# 2071
Delta R.T. -0.028 min
Lab File: BM048749.D
Acq: 16 Nov 2024 19:29

Tgt Ion:142 Resp: 1499
Ion Ratio Lower Upper
142 100
141 105.2 68.6 103.0





#8

1-Methylnaphthalene

Concen: 0.112 ng/ul

RT: 12.307 min Scan# 2110

Delta R.T. -0.017 min

Lab File: BM048749.D

Acq: 16 Nov 2024 19:29

Instrument :

BNA_M

ClientSampleId :

A0AS1

Tgt Ion:142 Resp: 1910

Ion Ratio Lower Upper

142 100

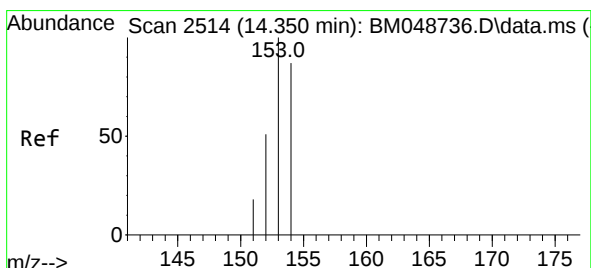
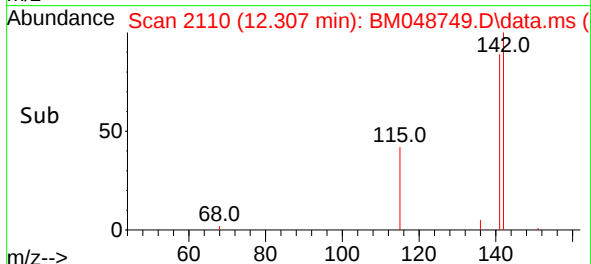
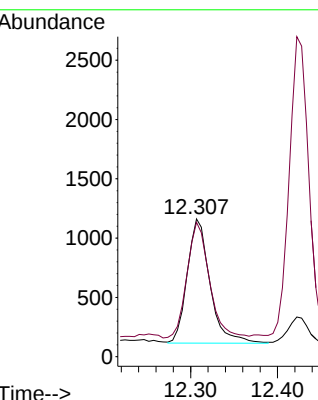
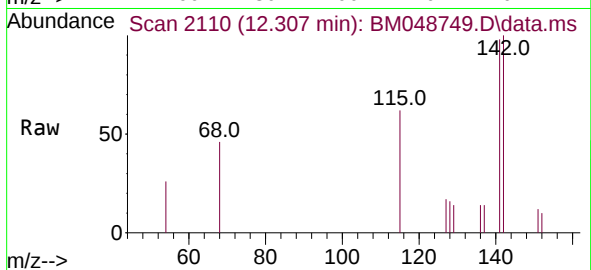
141 91.4 72.8 109.2

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#11

Acenaphthene

Concen: 0.026 ng/ul

RT: 14.336 min Scan# 2511

Delta R.T. -0.014 min

Lab File: BM048749.D

Acq: 16 Nov 2024 19:29

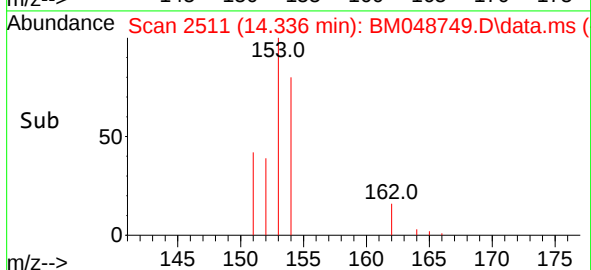
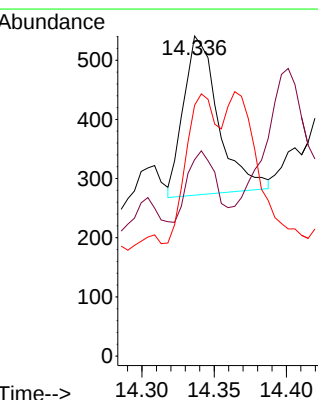
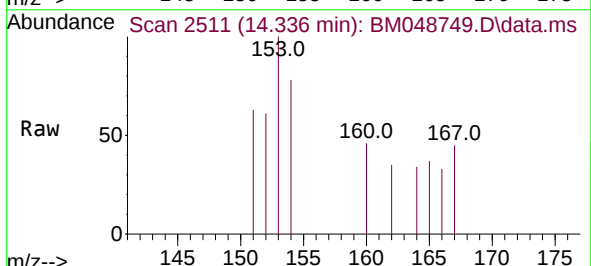
Tgt Ion:153 Resp: 453

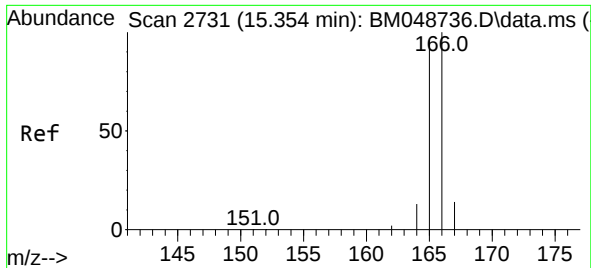
Ion Ratio Lower Upper

153 100

152 61.4 41.1 61.7

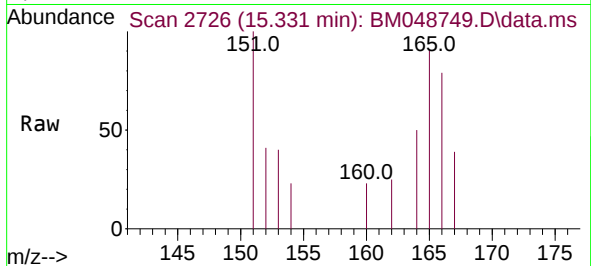
154 78.4 70.3 105.5





#12
Fluorene
Concen: 0.033 ng/ul
RT: 15.331 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM048749.D
Acq: 16 Nov 2024 19:29

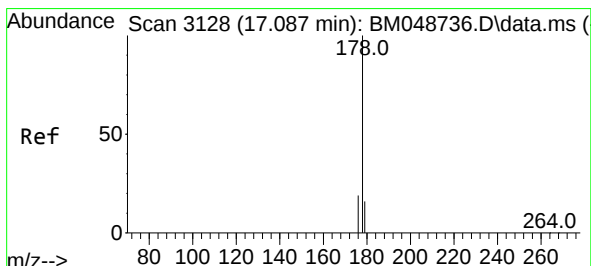
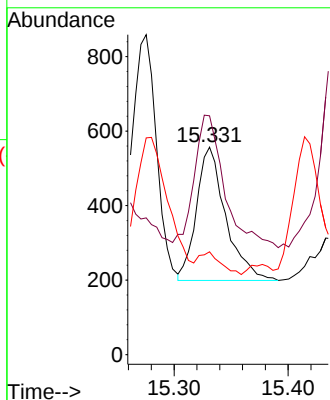
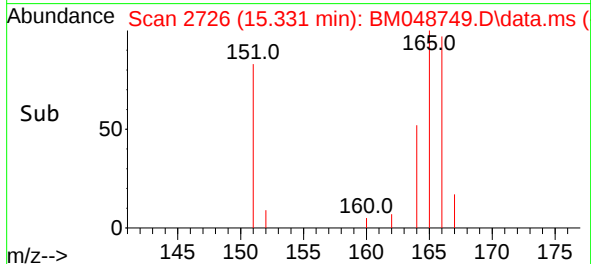
Instrument :
BNA_M
ClientSampleId :
A0AS1



Tgt Ion:166 Resp: 639
Ion Ratio Lower Upper
166 100
165 115.1 78.7 118.1
167 49.6 12.6 18.8

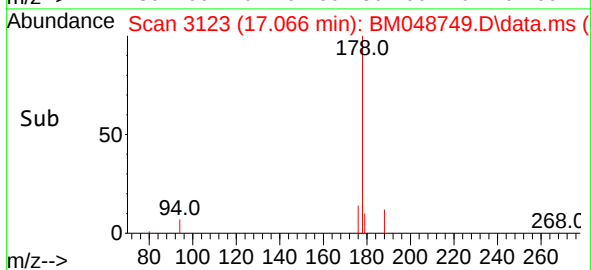
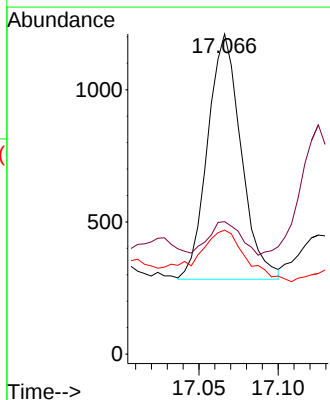
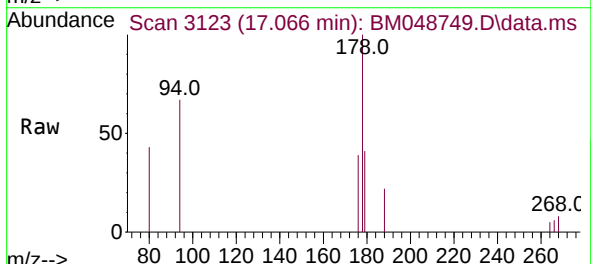
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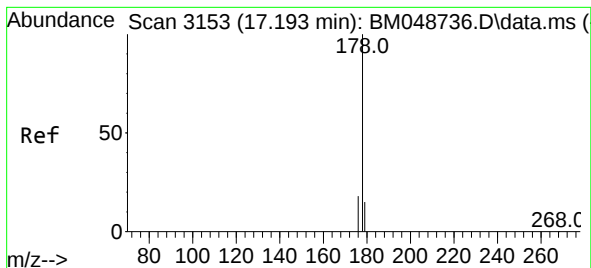
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#15
Phenanthrene
Concen: 0.044 ng/ul m
RT: 17.066 min Scan# 3123
Delta R.T. -0.021 min
Lab File: BM048749.D
Acq: 16 Nov 2024 19:29

Tgt Ion:178 Resp: 1362
Ion Ratio Lower Upper
178 100
179 41.4 13.4 20.0#
176 38.7 16.2 24.2#





#16

Anthracene

Concen: 0.044 ng/ul m

RT: 17.159 min Scan# 3145

Delta R.T. -0.034 min

Lab File: BM048749.D

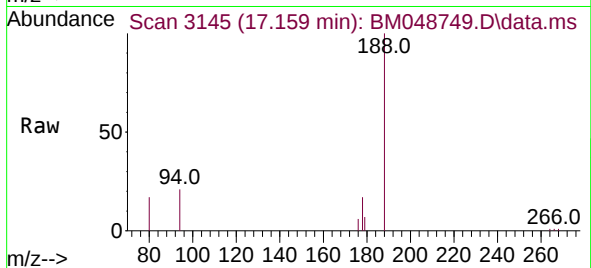
Acq: 16 Nov 2024 19:29

Instrument :

BNA_M

ClientSampleId :

A0AS1



Tgt Ion:178 Resp: 1258

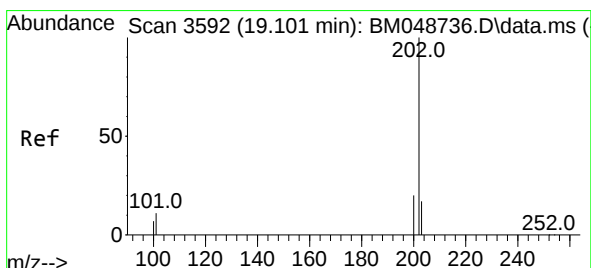
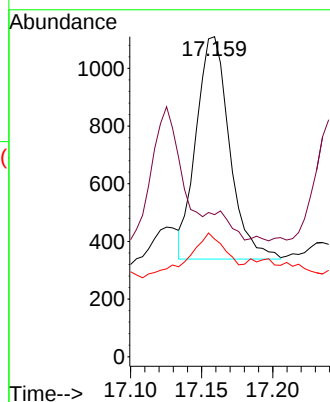
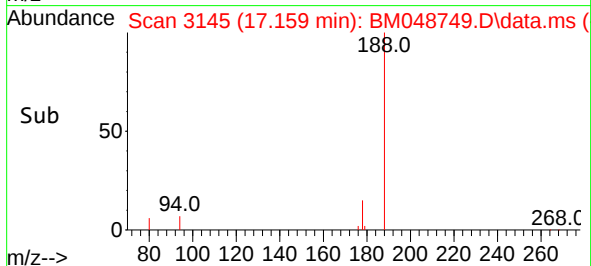
Ion	Ratio	Lower	Upper
178	100		
179	44.4	13.7	20.5
176	36.8	15.9	23.9

Manual Integrations

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Supervised By :mohammad ahmed 11/19/2024



#19

Fluoranthene

Concen: 0.023 ng/ul

RT: 19.091 min Scan# 3590

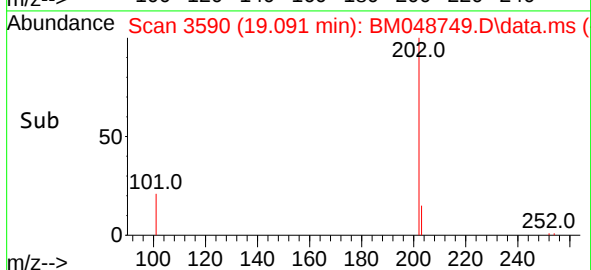
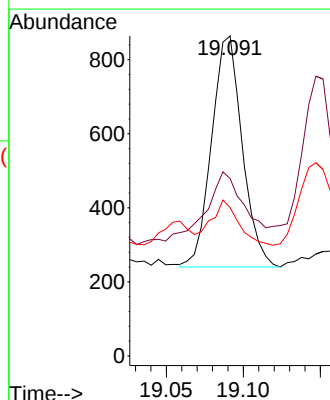
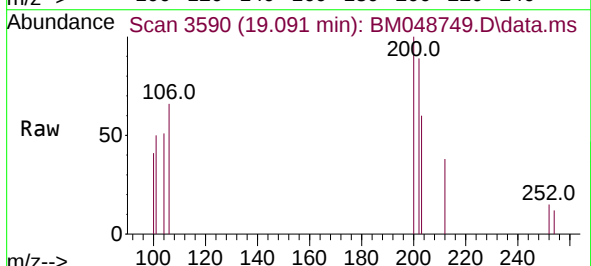
Delta R.T. -0.009 min

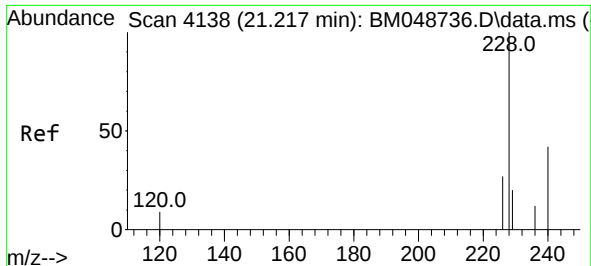
Lab File: BM048749.D

Acq: 16 Nov 2024 19:29

Tgt Ion:202 Resp: 862

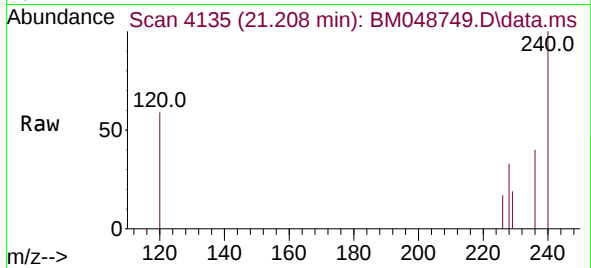
Ion	Ratio	Lower	Upper
202	100		
101	55.4	10.2	15.4
100	46.3	7.3	10.9





#21
Benzo(a)anthracene
Concen: 0.023 ng/u1
RT: 21.208 min Scan# 4135
Delta R.T. -0.009 min
Lab File: BM048749.D
Acq: 16 Nov 2024 19:29

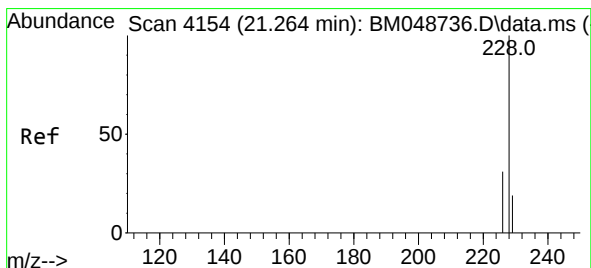
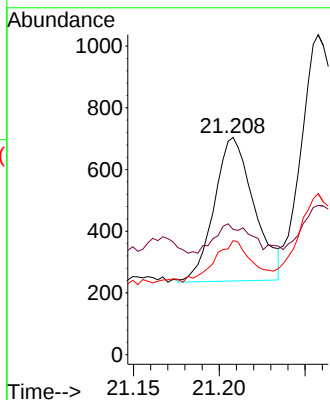
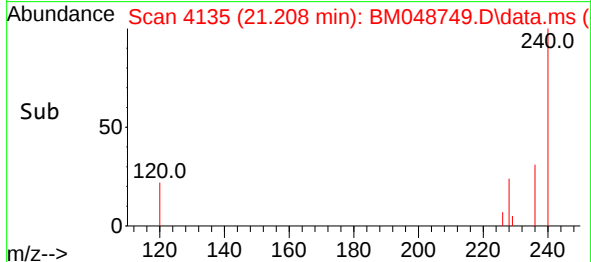
Instrument :
BNA_M
ClientSampleId :
A0AS1



Tgt Ion:228 Resp: 752
Ion Ratio Lower Upper
228 100
229 57.7 16.2 24.2#
226 52.6 22.1 33.1#

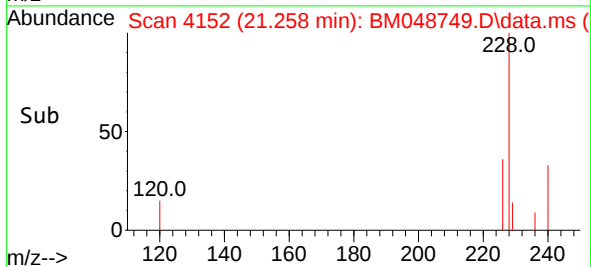
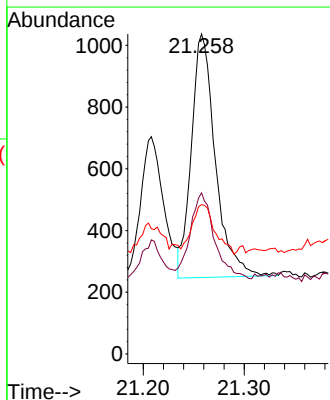
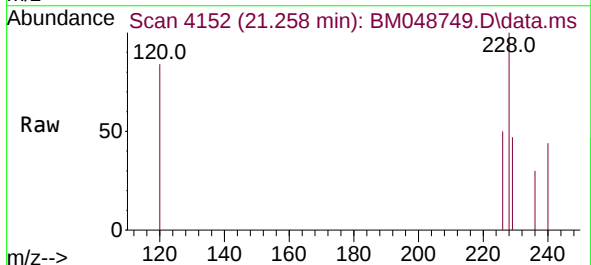
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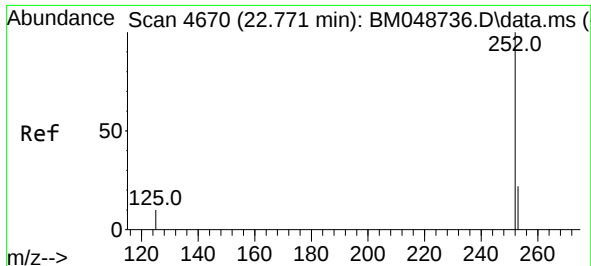
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#22
Chrysene
Concen: 0.033 ng/u1
RT: 21.258 min Scan# 4152
Delta R.T. -0.006 min
Lab File: BM048749.D
Acq: 16 Nov 2024 19:29

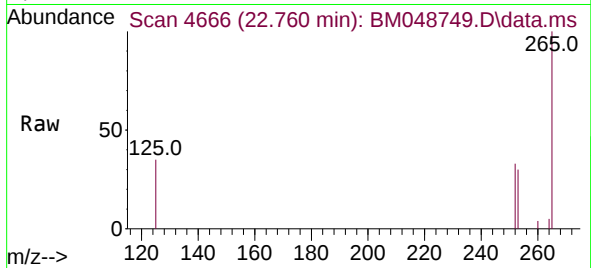
Tgt Ion:228 Resp: 1302
Ion Ratio Lower Upper
228 100
226 50.3 24.4 36.6#
229 46.7 16.5 24.7#





#24
Benzo(b)fluoranthene
Concen: 0.034 ng/ul
RT: 22.760 min Scan# 4666
Delta R.T. -0.012 min
Lab File: BM048749.D
Acq: 16 Nov 2024 19:29

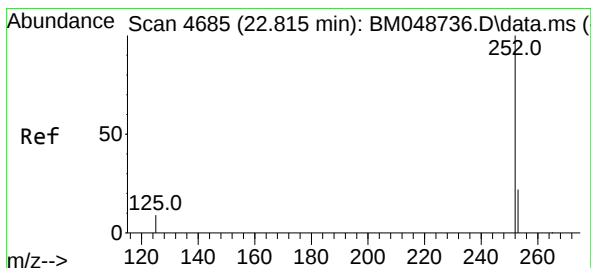
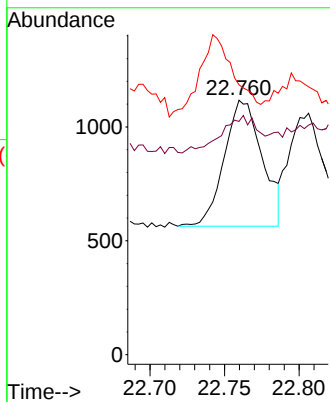
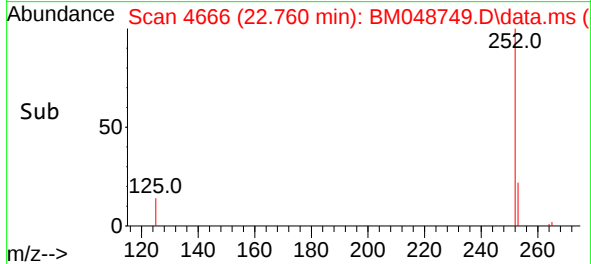
Instrument :
BNA_M
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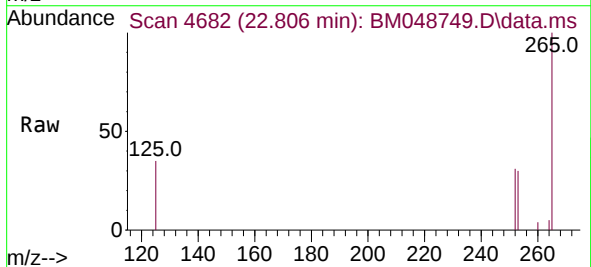
Tgt Ion:252 Resp: 979
Ion Ratio Lower Upper
252 100
253 91.7 0.0 61.6#
125 106.1 0.0 43.2#

Manual Integrations
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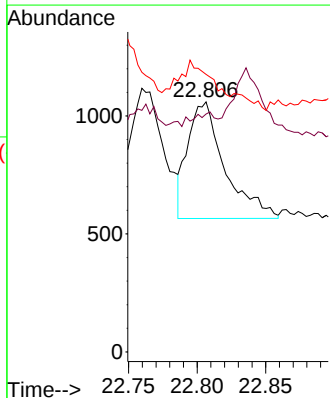
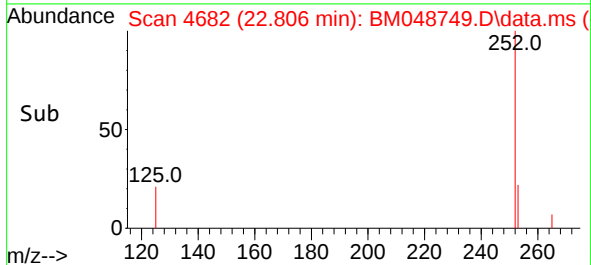
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

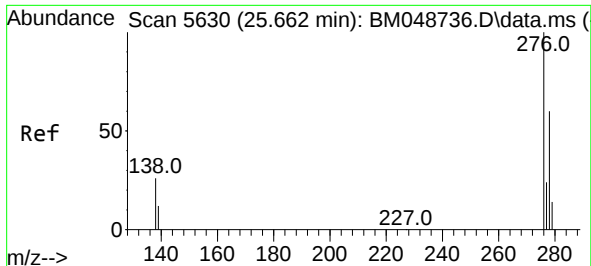


#25
Benzo(k)fluoranthene
Concen: 0.028 ng/ul
RT: 22.806 min Scan# 4682
Delta R.T. -0.009 min
Lab File: BM048749.D
Acq: 16 Nov 2024 19:29



Tgt Ion:252 Resp: 928
Ion Ratio Lower Upper
252 100
253 95.1 25.0 37.4#
125 110.9 17.4 26.0#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.023 ng/ul

RT: 25.662 min Scan# 5630

Delta R.T. -0.000 min

Lab File: BM048749.D

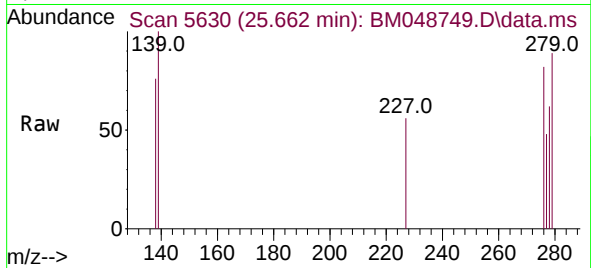
Acq: 16 Nov 2024 19:29

Instrument :

BNA_M

ClientSampleId :

A0AS1



Tgt Ion:276 Resp: 89

Ion Ratio Lower Upper

276 100

138 48.8 20.1 30.1

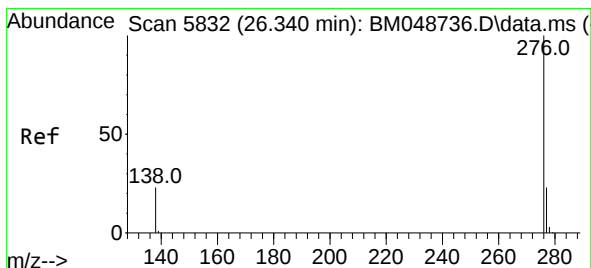
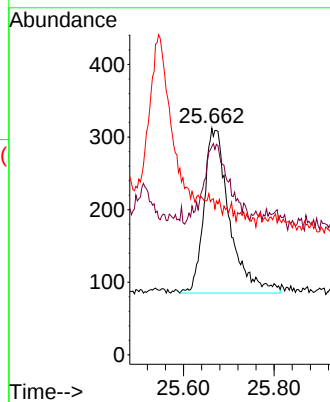
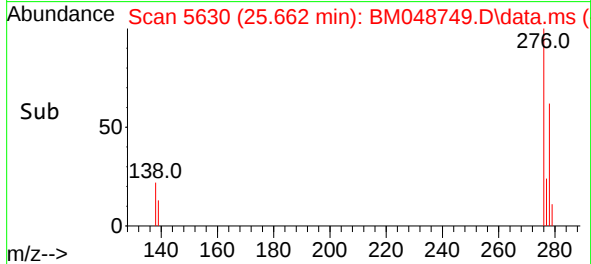
227 0.0 0.1 0.1

Manual Integrations

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#29

Benzo(g,h,i)perylene

Concen: 0.021 ng/ul

RT: 26.353 min Scan# 5836

Delta R.T. 0.013 min

Lab File: BM048749.D

Acq: 16 Nov 2024 19:29

Tgt Ion:276 Resp: 686

Ion Ratio Lower Upper

276 100

138 84.2 21.0 31.6#

277 64.4 20.5 30.7#

