

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
 Data File : BM048495.D
 Acq On : 07 Nov 2024 02:36
 Operator : RC/JU
 Sample : P4634-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CC0Q6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/07/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 07 03:11:05 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 : Wed Nov 06 14:39:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.674	152	4549	0.400	ng/ul	0.00
4) Naphthalene-d8	10.457	136	14217	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.320	164	7553	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.064	188	15270m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.254	240	13052m	0.400	ng/ul	0.00
23) Perylene-d12	23.475	264	12764m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	21683	3.951	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.068	152	4928	0.268	ng/ul	0.00
18) Fluoranthene-d10	19.098	212	10337	0.282	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.506	128	996	0.028	ng/ul#	68
19) Fluoranthene	19.126	202	2088	0.043	ng/ul#	63
20) Pyrene	19.488	202	2030	0.039	ng/ul#	78
21) Benzo(a)anthracene	21.242	228	950	0.022	ng/ul#	58
22) Chrysene	21.292	228	2267m	0.044	ng/ul	
24) Benzo(b)fluoranthene	22.808	252	3804m	0.096	ng/ul	
25) Benzo(k)fluoranthene	22.846	252	1078m	0.023	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.728	276	1309	0.024	ng/ul#	56
29) Benzo(g,h,i)perylene	26.423	276	1646	0.036	ng/ul#	35

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

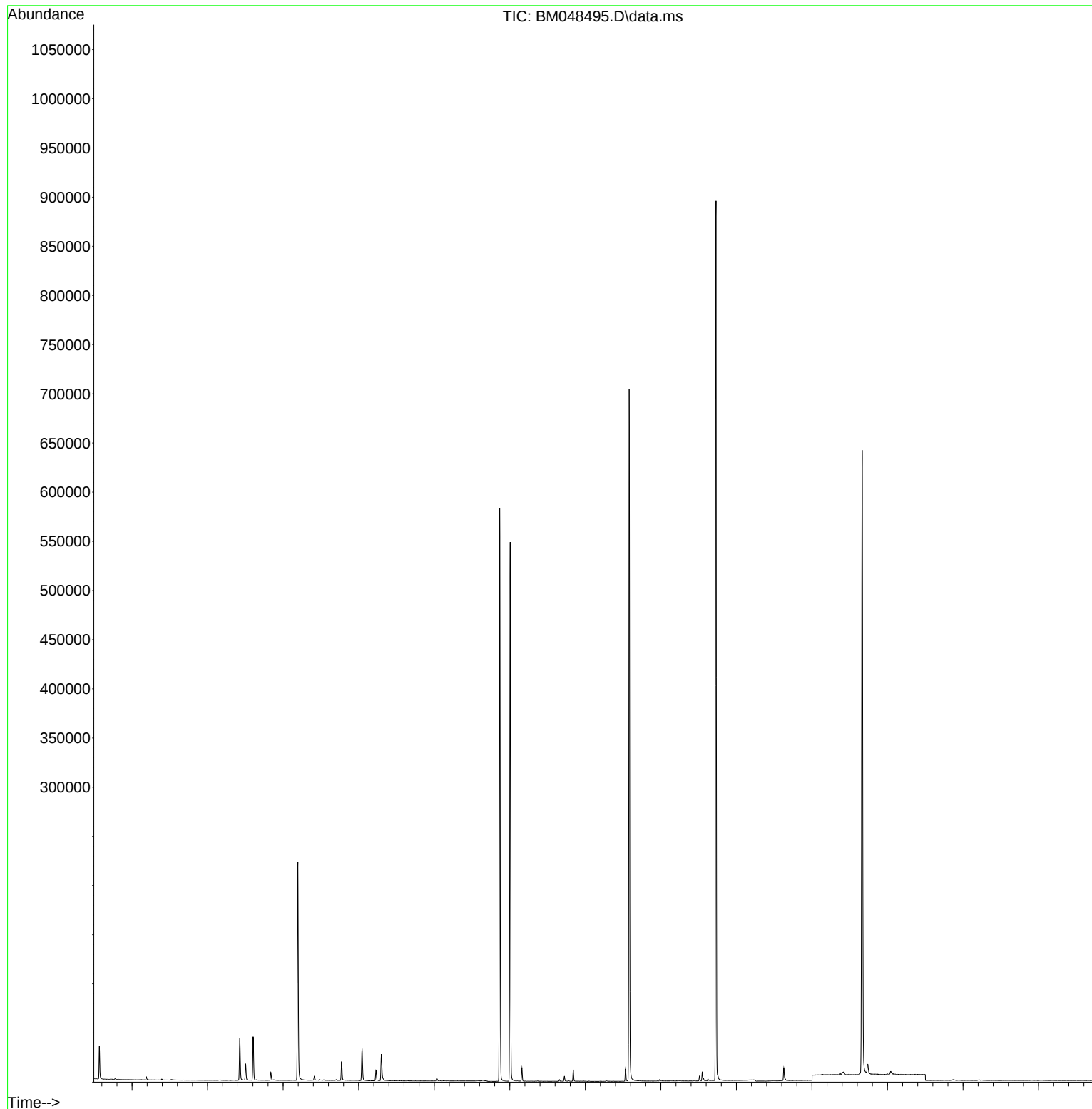
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
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ALS Vial : 28 Sample Multiplier: 1

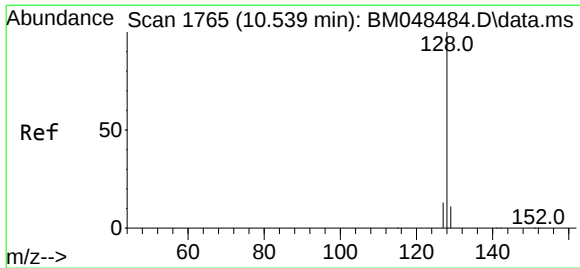
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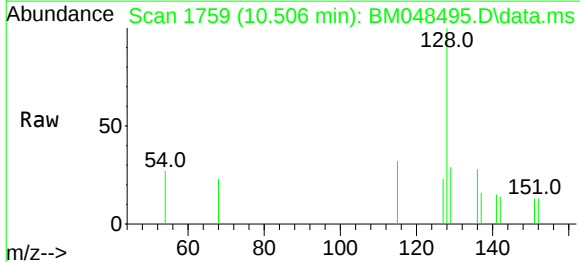
Quant Time: Nov 07 03:11:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
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#5
Naphthalene
Concen: 0.028 ng/u1
RT: 10.506 min Scan# 1765
Delta R.T. -0.017 min
Lab File: BM048495.D
Acq: 07 Nov 2024 02:36

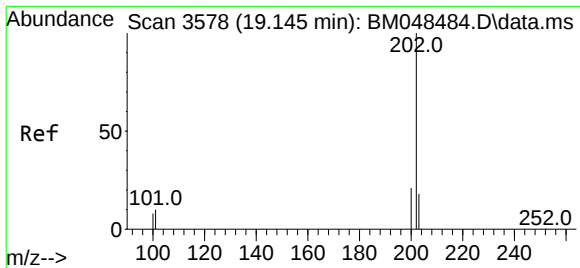
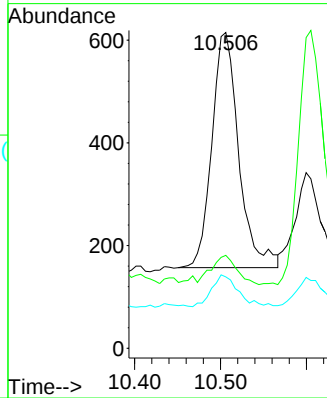
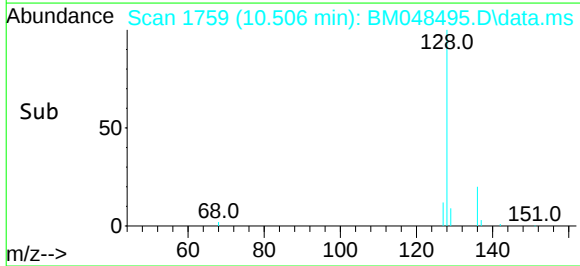
Instrument :
BNA_M
ClientSampleId :
CC0Q6



Tgt	Ion	128	Resp:	996
Ion	Ratio	128	Lower	Upper
		129	29.4	10.0
		127	22.6	10.9

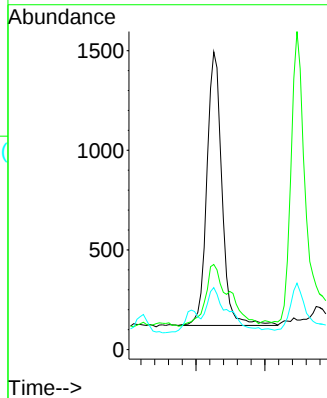
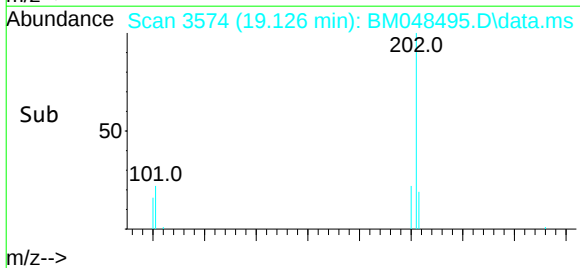
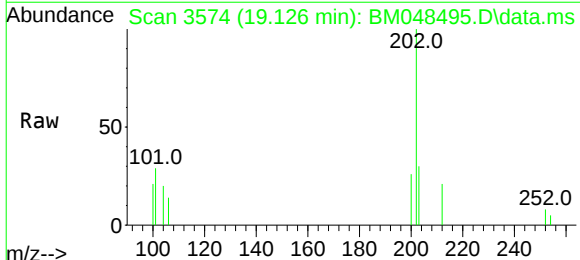
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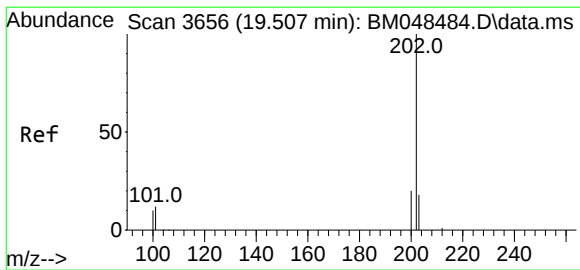
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



#19
Fluoranthene
Concen: 0.043 ng/u1
RT: 19.126 min Scan# 3574
Delta R.T. -0.015 min
Lab File: BM048495.D
Acq: 07 Nov 2024 02:36

Tgt	Ion	202	Resp:	2088
Ion	Ratio	202	Lower	Upper
		101	28.6	10.2
		100	20.8	7.3





#20

Pyrene

Concen: 0.039 ng/u1

RT: 19.488 min Scan# 36

Delta R.T. -0.014 min

Lab File: BM048495.D

Acq: 07 Nov 2024 02:36

Instrument :

BNA_M

ClientSampleId :

CC0Q6

Tgt Ion:202 Resp: 2030

Ion Ratio Lower Upper

202 100

101 22.2 11.4 17.2#

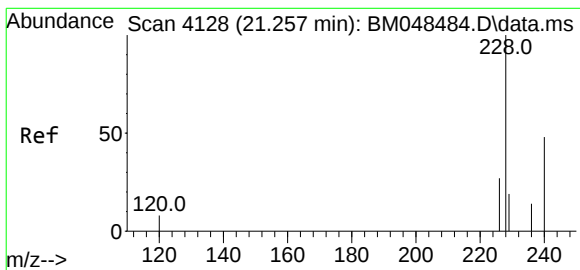
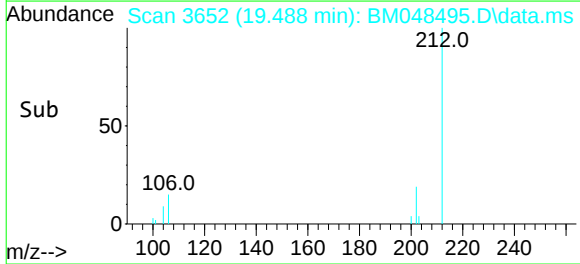
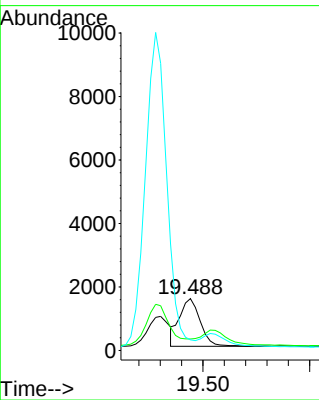
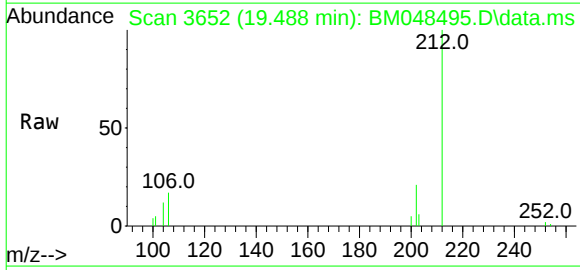
100 20.4 8.5 12.7#

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#21

Benzo(a)anthracene

Concen: 0.022 ng/u1

RT: 21.242 min Scan# 4123

Delta R.T. -0.006 min

Lab File: BM048495.D

Acq: 07 Nov 2024 02:36

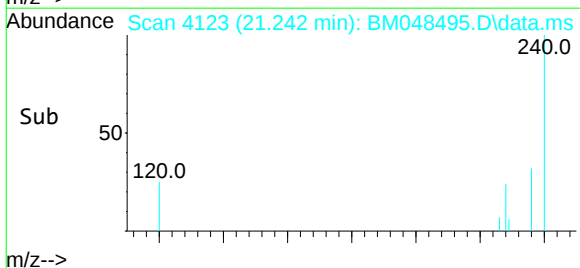
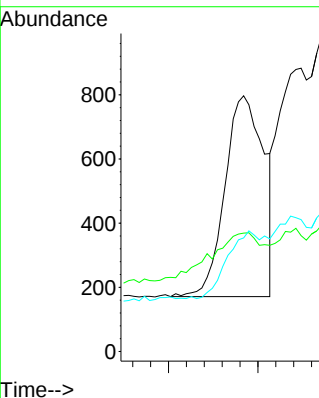
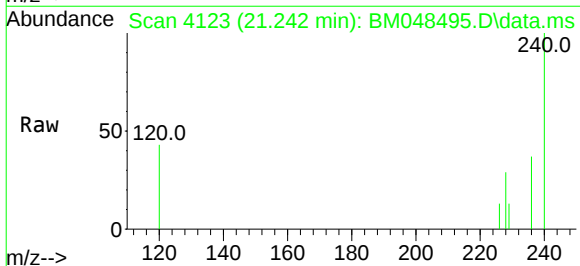
Tgt Ion:228 Resp: 950

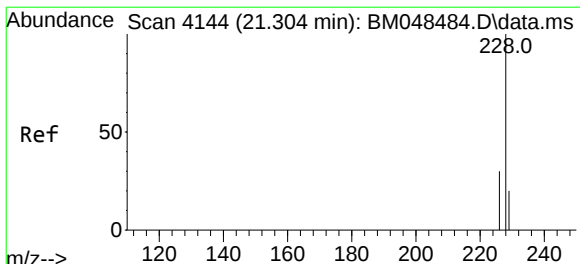
Ion Ratio Lower Upper

228 100

229 46.3 16.2 24.2#

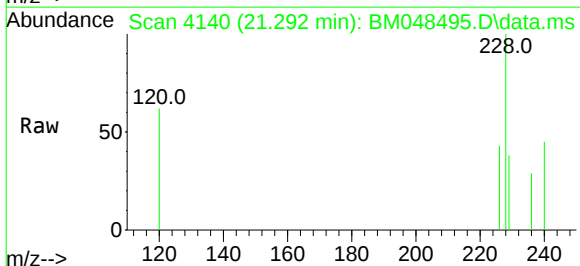
226 44.4 22.1 33.1#





#22
Chrysene
Concen: 0.044 ng/u1 m
RT: 21.292 min Scan# 4144
Delta R.T. -0.009 min
Lab File: BM048495.D
Acq: 07 Nov 2024 02:36

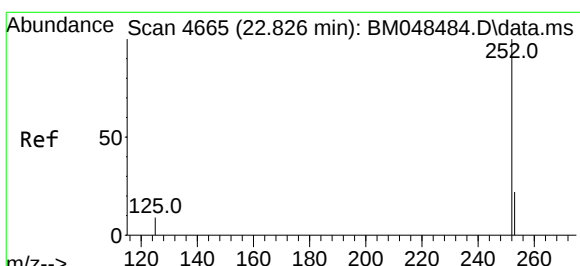
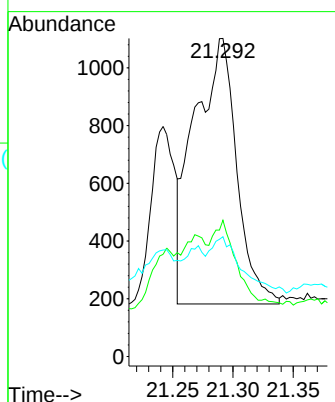
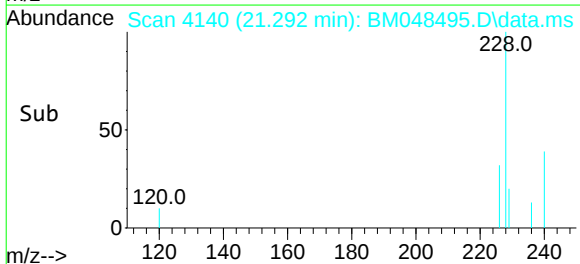
Instrument :
BNA_M
ClientSampleId :
CC0Q6



Tgt Ion:	228	Resp:	2267
Ion	Ratio	Lower	Upper
228	100		
226	42.8	24.4	36.6#
229	37.7	16.5	24.7#

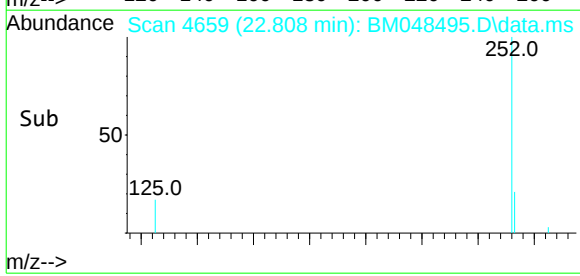
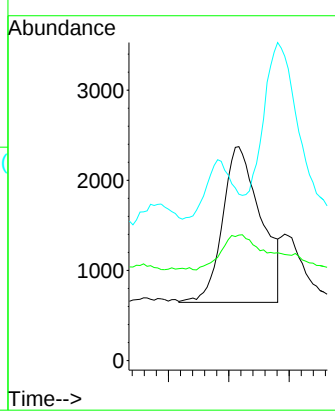
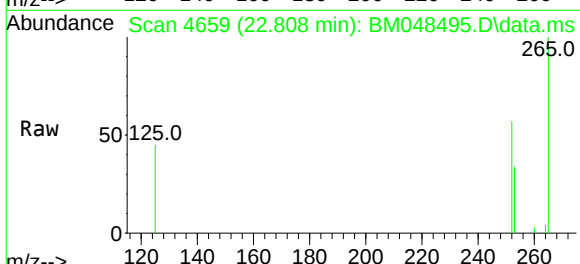
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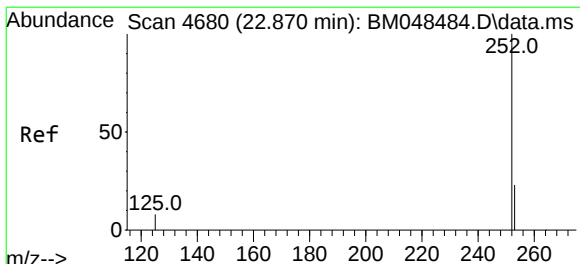
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



#24
Benzo(b)fluoranthene
Concen: 0.096 ng/u1 m
RT: 22.808 min Scan# 4659
Delta R.T. -0.015 min
Lab File: BM048495.D
Acq: 07 Nov 2024 02:36

Tgt Ion:	252	Resp:	3804
Ion	Ratio	Lower	Upper
252	100		
253	58.6	0.0	61.6
125	77.8	0.0	43.2#





#25

Benzo(k)fluoranthene

Concen: 0.023 ng/ul m

RT: 22.846 min Scan# 46

Delta R.T. -0.021 min

Lab File: BM048495.D

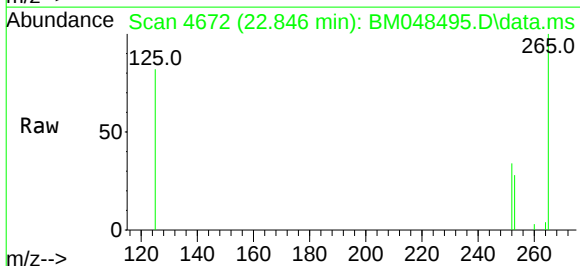
Acq: 07 Nov 2024 02:36

Instrument :

BNA_M

ClientSampleId :

CC0Q6



Tgt Ion:252 Resp: 1078

Ion Ratio Lower Upper

252 100

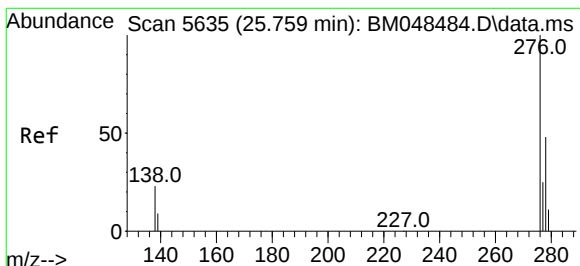
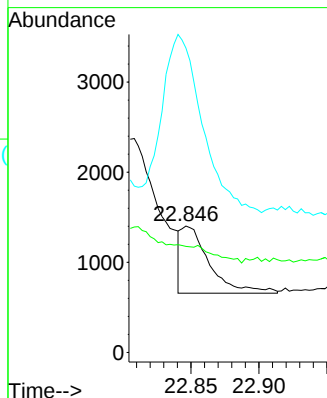
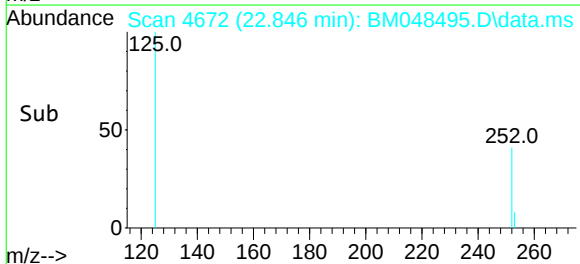
253 83.9 25.0 37.4#

125 240.8 17.4 26.0#

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.024 ng/ul

RT: 25.728 min Scan# 5626

Delta R.T. -0.024 min

Lab File: BM048495.D

Acq: 07 Nov 2024 02:36

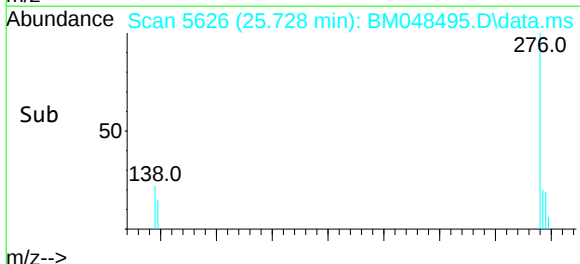
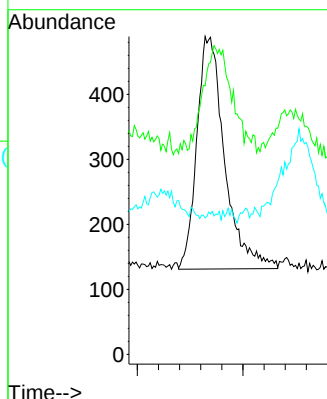
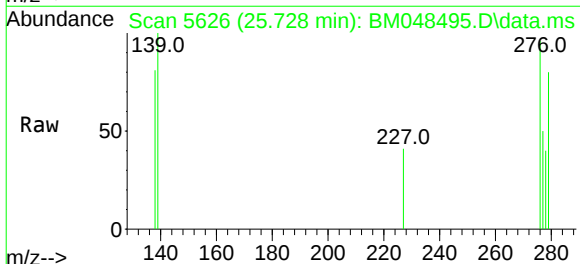
Tgt Ion:276 Resp: 1309

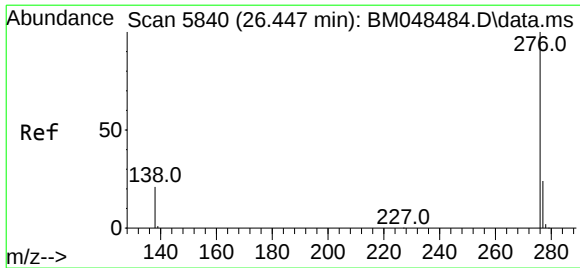
Ion Ratio Lower Upper

276 100

138 47.1 20.1 30.1#

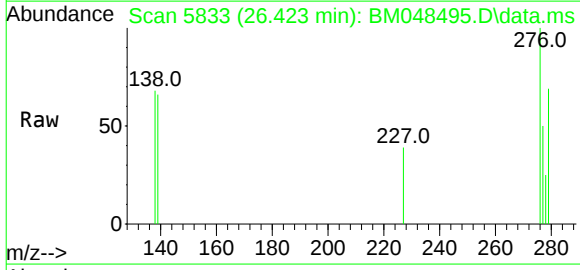
227 1.1 0.1 0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.036 ng/ul
RT: 26.423 min Scan# 58
Delta R.T. -0.021 min
Lab File: BM048495.D
Acq: 07 Nov 2024 02:36

Instrument :
BNA_M
ClientSampleId :
CC0Q6



Tgt	Ion	276	Resp:	1646
Ion	Ratio	Lower	Upper	
276	100			
138	68.5	21.0	31.6	#
277	49.9	20.5	30.7	#

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