

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
 Data File : BM048493.D
 Acq On : 07 Nov 2024 01:24
 Operator : RC/JU
 Sample : P4634-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CC0Q1

Manual Integrations
 APPROVED

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

Quant Time: Nov 07 02:21:23 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	5314	0.400	ng/ul	0.00
4) Naphthalene-d8	10.457	136	16685	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.320	164	8809	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.064	188	17619m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.251	240	15378m	0.400	ng/ul	-0.01
23) Perylene-d12	23.473	264	15349m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	24375	3.802	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.063	152	5738	0.266	ng/ul	-0.01
18) Fluoranthene-d10	19.094	212	11311	0.262	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.506	128	1132	0.027	ng/ul#	73
15) Phenanthrene	17.106	178	1654m	0.036	ng/ul	
19) Fluoranthene	19.126	202	1534	0.027	ng/ul#	55
20) Pyrene	19.489	202	2242	0.036	ng/ul#	78
21) Benzo(a)anthracene	21.237	228	1173	0.023	ng/ul#	21
22) Chrysene	21.266	228	5080	0.084	ng/ul#	70
24) Benzo(b)fluoranthene	22.803	252	5338m	0.112	ng/ul	
25) Benzo(k)fluoranthene	22.847	252	1319m	0.024	ng/ul	
26) Benzo(a)pyrene	23.370	252	2247	0.048	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.716	276	3621	0.056	ng/ul#	71
28) Dibenzo(a,h)anthracene	25.712	278	1467	0.029	ng/ul#	1
29) Benzo(g,h,i)perylene	26.403	276	7864	0.144	ng/ul#	75

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

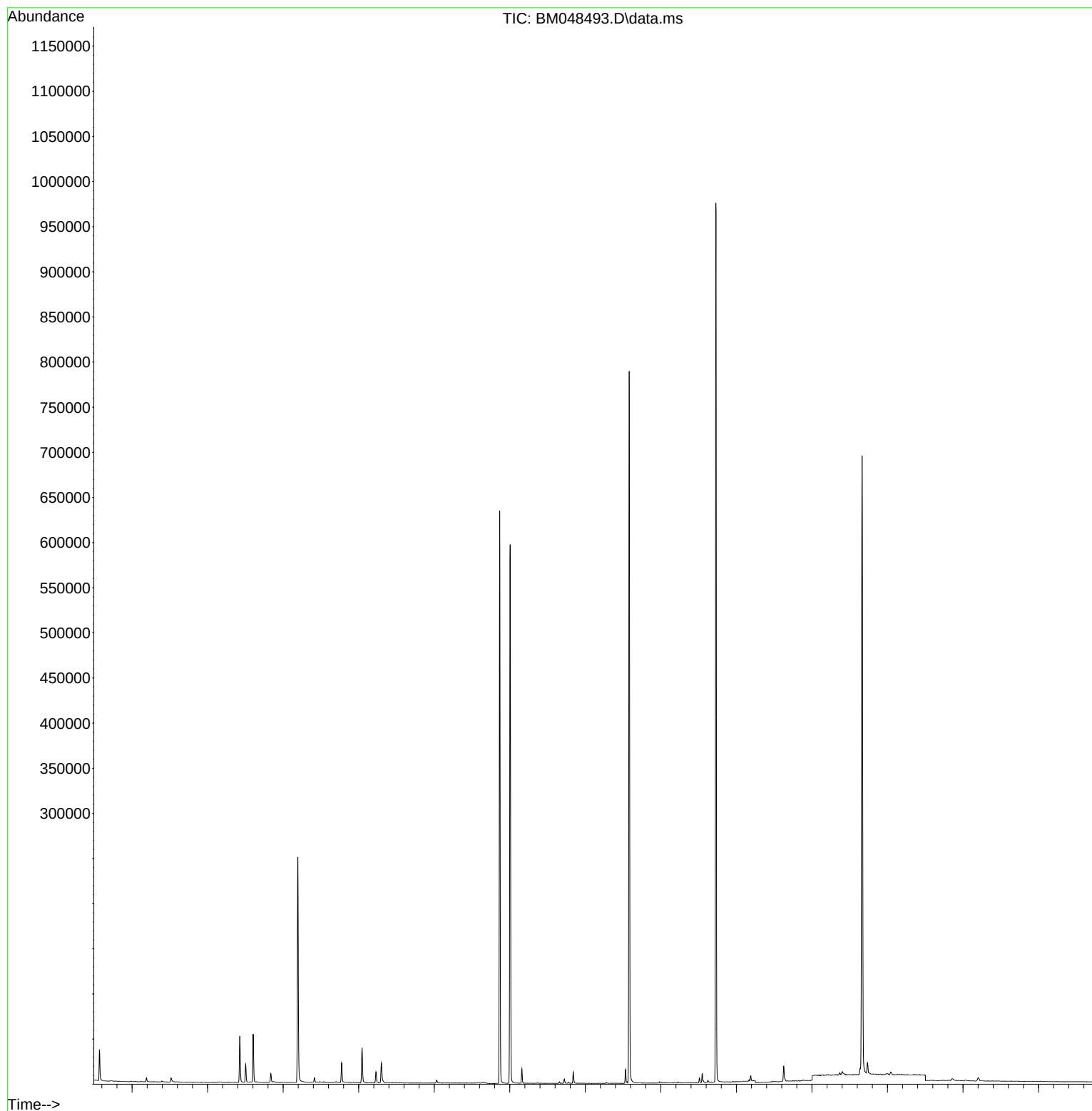
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048493.D
Acq On : 07 Nov 2024 01:24
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Misc :
ALS Vial : 26 Sample Multiplier: 1

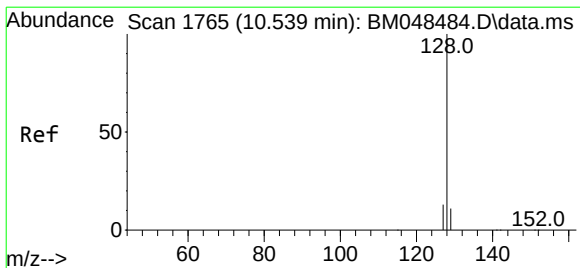
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
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#5

Naphthalene

Concen: 0.027 ng/u1

RT: 10.506 min Scan# 17

Delta R.T. -0.016 min

Lab File: BM048493.D

Acq: 07 Nov 2024 01:24

Instrument :

BNA_M

ClientSampleId :

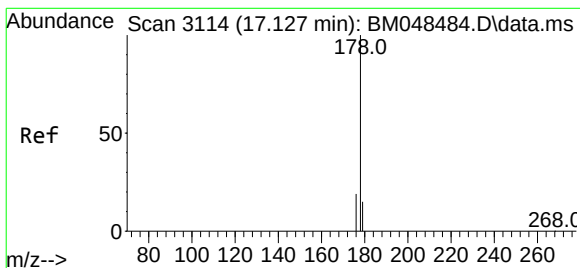
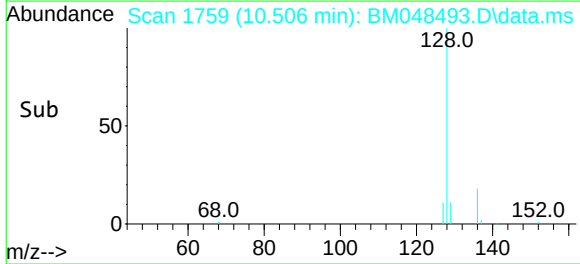
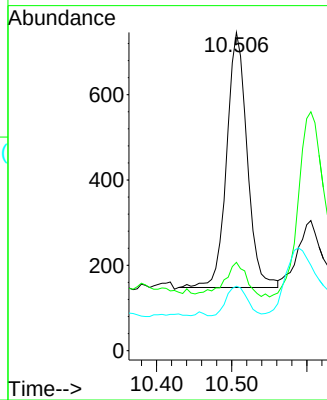
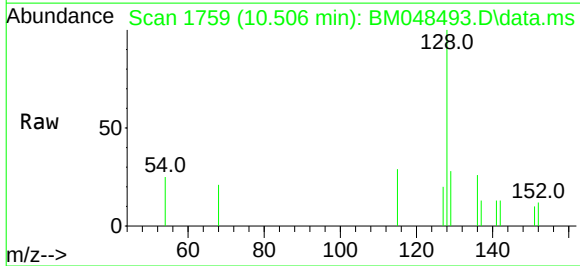
CC0Q1

Tgt Ion:	128	Resp:	1132
Ion Ratio	Lower	Upper	
128	100		
129	27.7	10.0	15.0#
127	20.2	10.9	16.3#

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#15

Phenanthrene

Concen: 0.036 ng/u1 m

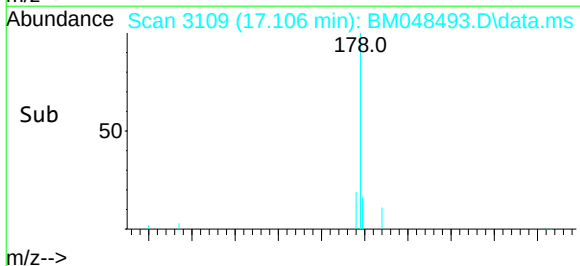
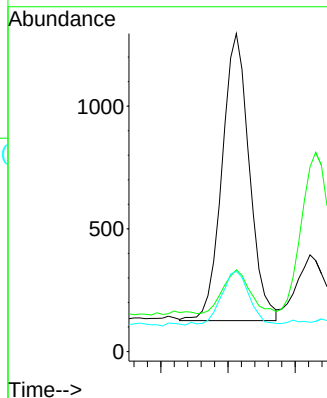
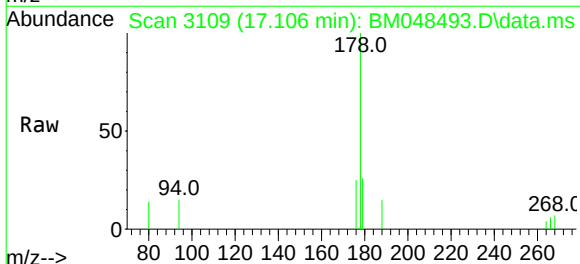
RT: 17.106 min Scan# 3109

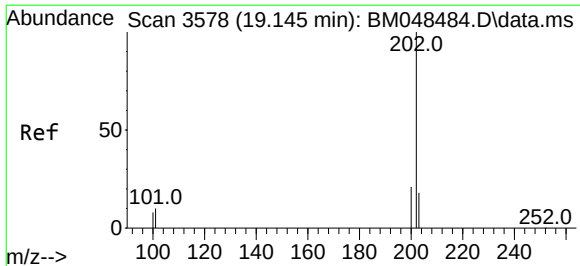
Delta R.T. -0.013 min

Lab File: BM048493.D

Acq: 07 Nov 2024 01:24

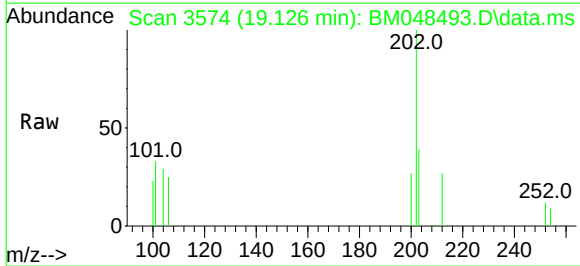
Tgt Ion:	178	Resp:	1654
Ion Ratio	Lower	Upper	
178	100		
179	25.7	13.4	20.0#
176	25.2	16.2	24.2#





#19
Fluoranthene
Concen: 0.027 ng/u1
RT: 19.126 min Scan# 3574
Delta R.T. -0.014 min
Lab File: BM048493.D
Acq: 07 Nov 2024 01:24

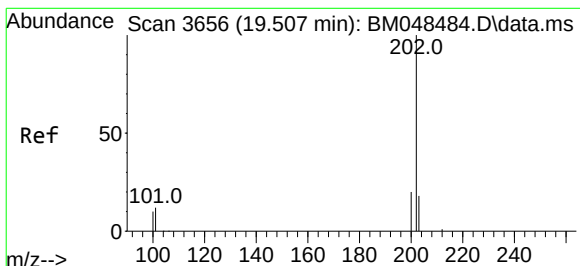
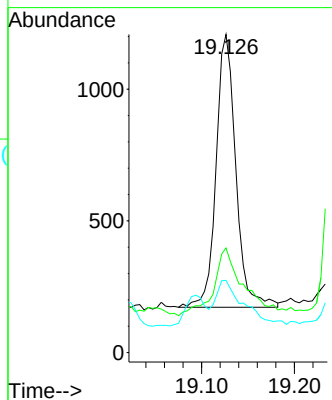
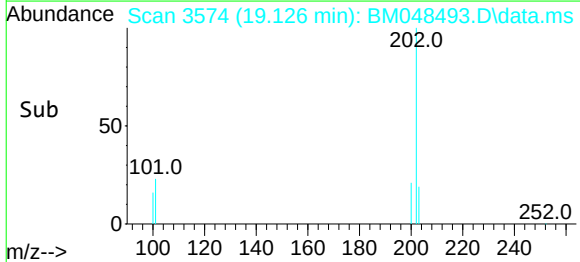
Instrument :
BNA_M
ClientSampleId :
CC0Q1



Tgt Ion	Ratio	Lower	Upper
202	100		
101	32.9	10.2	15.4#
100	22.7	7.3	10.9#

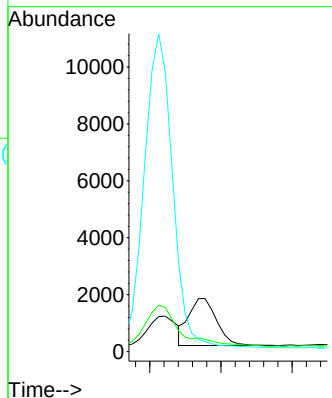
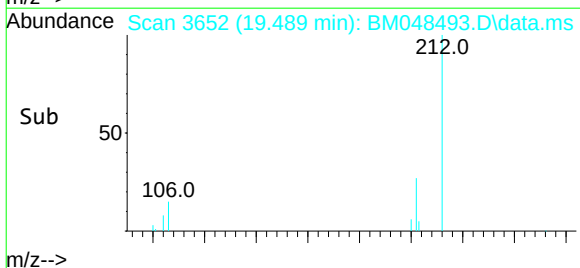
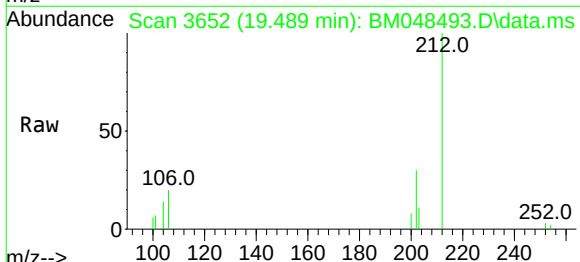
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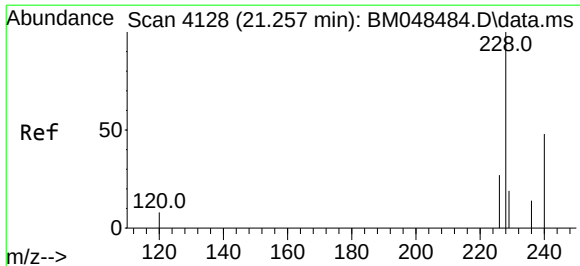
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



#20
Pyrene
Concen: 0.036 ng/u1
RT: 19.489 min Scan# 3652
Delta R.T. -0.014 min
Lab File: BM048493.D
Acq: 07 Nov 2024 01:24

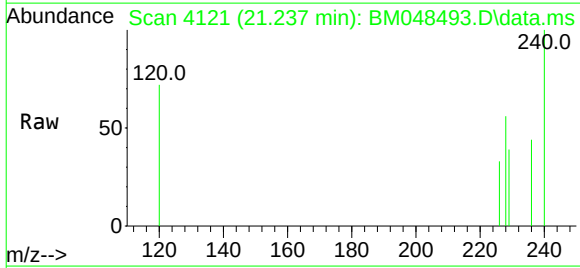
Tgt Ion	Ratio	Lower	Upper
202	100		
101	23.3	11.4	17.2#
100	18.8	8.5	12.7#





#21
Benzo(a)anthracene
Concen: 0.023 ng/u1
RT: 21.237 min Scan# 411
Delta R.T. -0.012 min
Lab File: BM048493.D
Acq: 07 Nov 2024 01:24

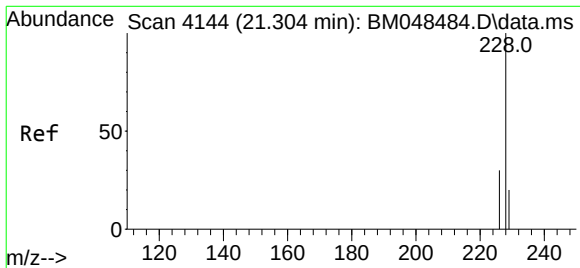
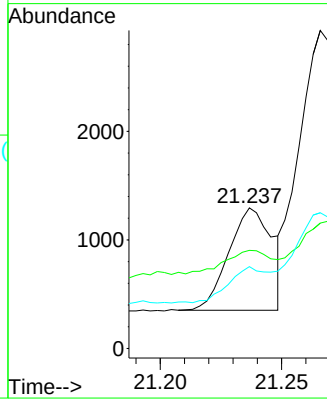
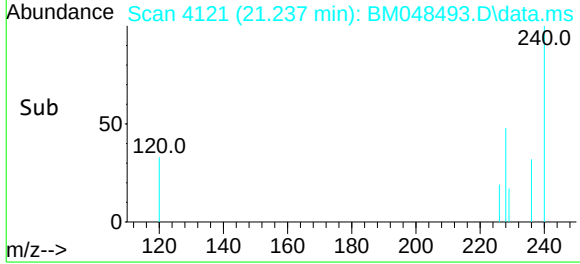
Instrument :
BNA_M
ClientSampleId :
CC0Q1



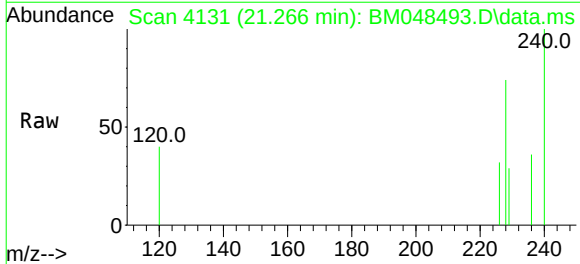
Tgt Ion:228 Resp: 1173
Ion Ratio Lower Upper
228 100
229 69.8 16.2 24.2#
226 58.2 22.1 33.1#

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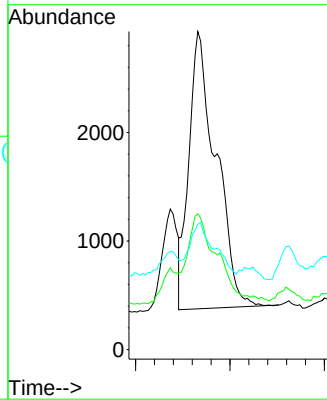
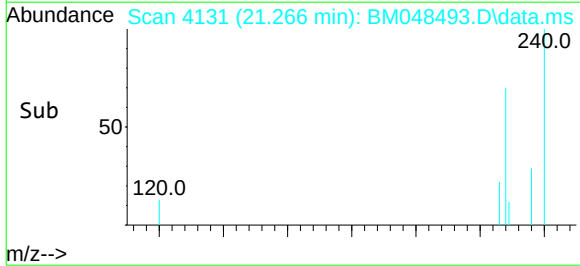
Reviewed By :Jagrut Upadhyay 11/07/2024
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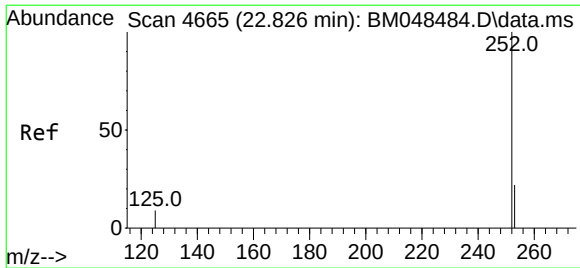


#22
Chrysene
Concen: 0.084 ng/u1
RT: 21.266 min Scan# 4131
Delta R.T. -0.035 min
Lab File: BM048493.D
Acq: 07 Nov 2024 01:24



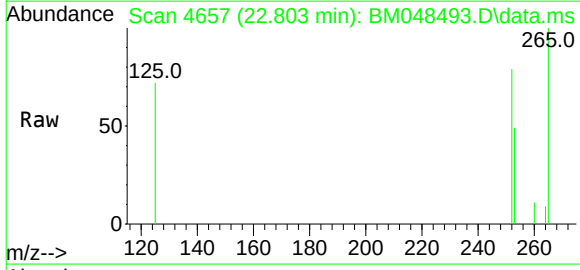
Tgt Ion:228 Resp: 5080
Ion Ratio Lower Upper
228 100
226 42.7 24.4 36.6#
229 39.4 16.5 24.7#





#24
Benzo(b)fluoranthene
Concen: 0.112 ng/u1 m
RT: 22.803 min Scan# 4665
Delta R.T. -0.020 min
Lab File: BM048493.D
Acq: 07 Nov 2024 01:24

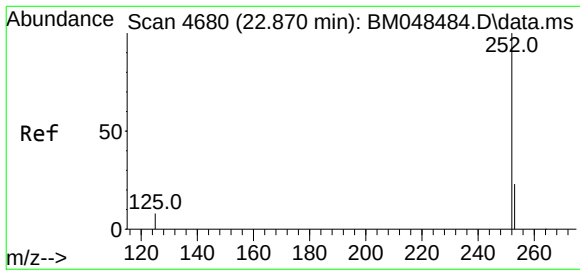
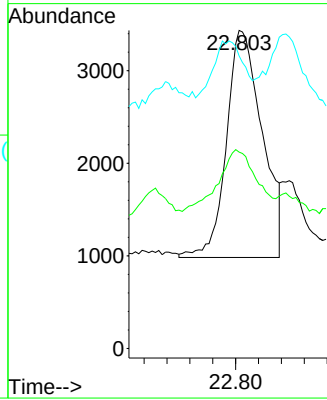
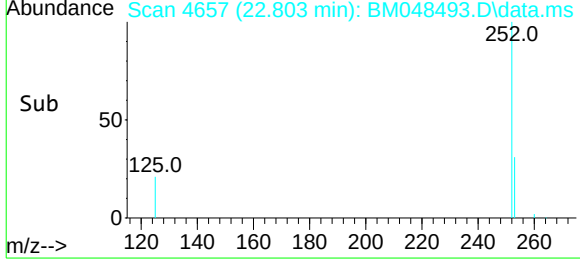
Instrument :
BNA_M
ClientSampleId :
CC0Q1



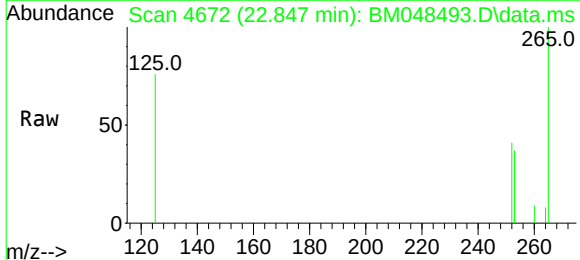
Tgt Ion:252 Resp: 5338
Ion Ratio Lower Upper
252 100
253 61.7 0.0 61.6#
125 92.0 0.0 43.2#

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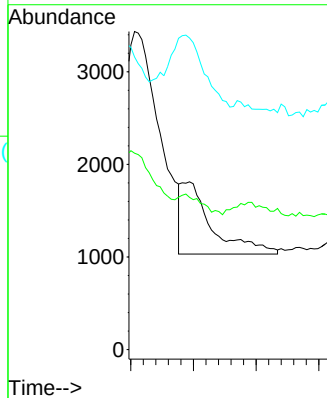
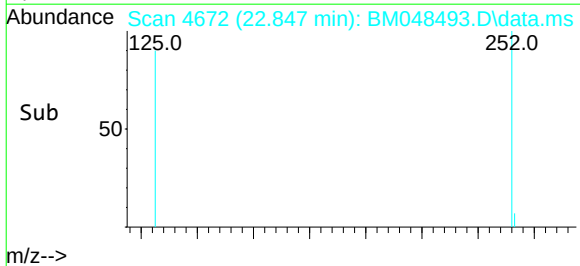
Reviewed By :Jagrut Upadhyay 11/07/2024
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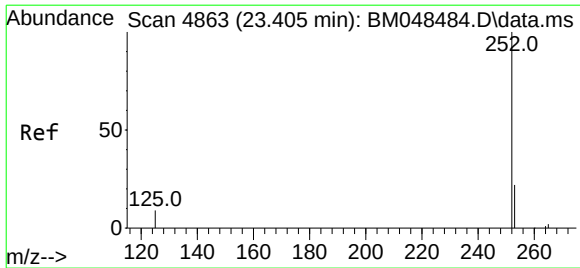


#25
Benzo(k)fluoranthene
Concen: 0.024 ng/u1 m
RT: 22.847 min Scan# 4672
Delta R.T. -0.020 min
Lab File: BM048493.D
Acq: 07 Nov 2024 01:24



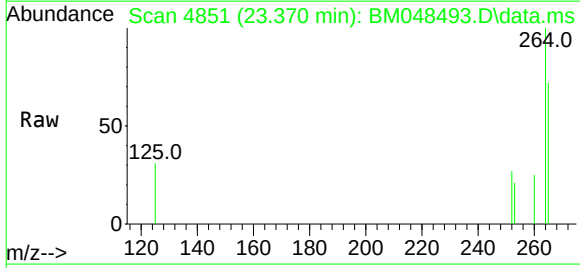
Tgt Ion:252 Resp: 1319
Ion Ratio Lower Upper
252 100
253 90.7 25.0 37.4#
125 185.7 17.4 26.0#





#26
Benzo(a)pyrene
Concen: 0.048 ng/ul
RT: 23.370 min Scan# 4863
Delta R.T. -0.032 min
Lab File: BM048493.D
Acq: 07 Nov 2024 01:24

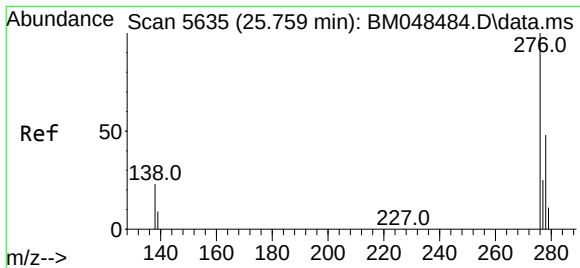
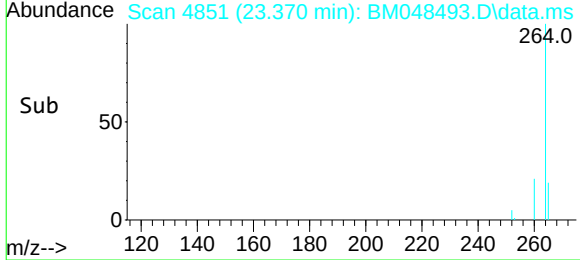
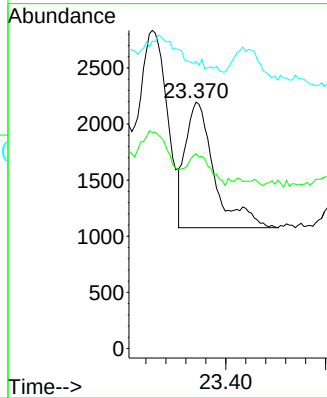
Instrument :
BNA_M
ClientSampleId :
CC0Q1



Tgt Ion	Ratio	Lower	Upper
252	100		
253	79.0	29.6	44.4#
125	116.6	23.9	35.9#

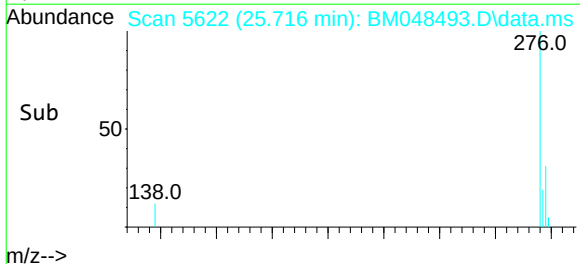
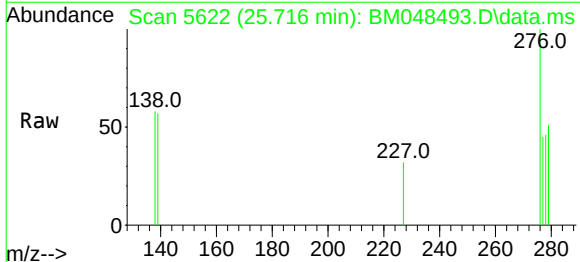
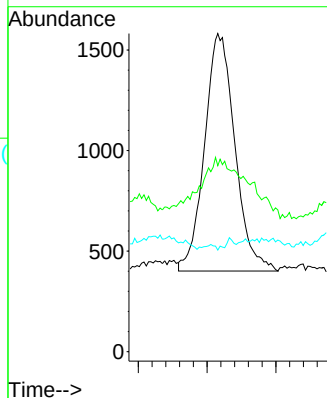
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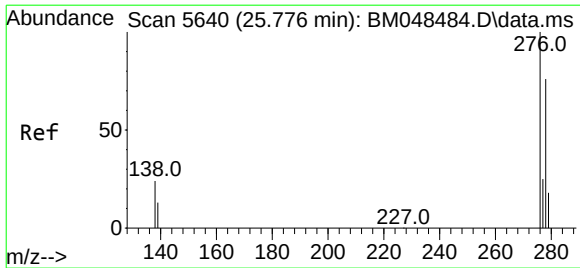
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.056 ng/ul
RT: 25.716 min Scan# 5622
Delta R.T. -0.037 min
Lab File: BM048493.D
Acq: 07 Nov 2024 01:24

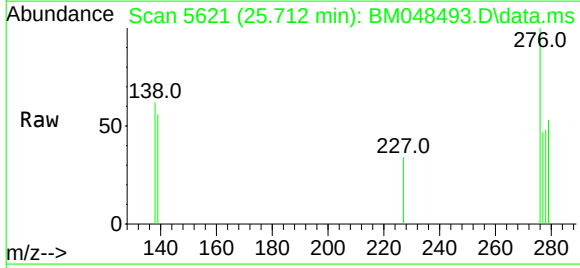
Tgt Ion	Ratio	Lower	Upper
276	100		
138	39.7	20.1	30.1#
227	0.9	0.1	0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.029 ng/ul
RT: 25.712 min Scan# 561
Delta R.T. -0.064 min
Lab File: BM048493.D
Acq: 07 Nov 2024 01:24

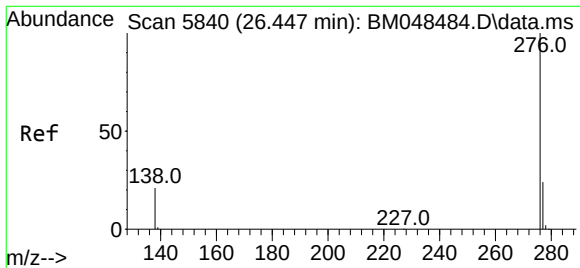
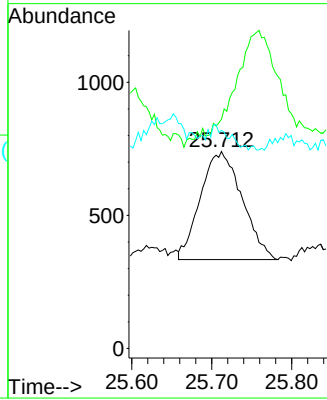
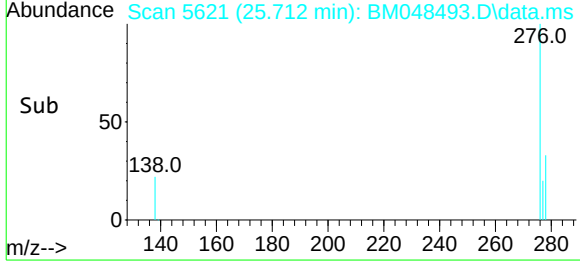
Instrument :
BNA_M
ClientSampleId :
CC0Q1



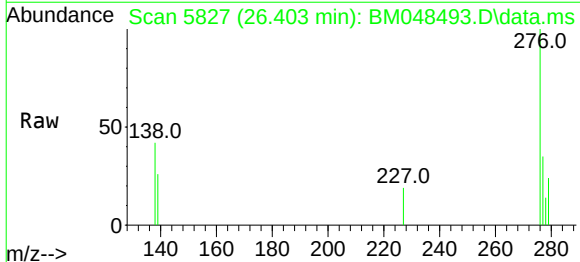
Tgt Ion: 278 Resp: 1467
Ion Ratio Lower Upper
278 100
139 116.4 17.8 26.8#
279 110.7 26.6 39.8#

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#29
Benzo(g,h,i)perylene
Concen: 0.144 ng/ul
RT: 26.403 min Scan# 5827
Delta R.T. -0.040 min
Lab File: BM048493.D
Acq: 07 Nov 2024 01:24



Tgt Ion: 276 Resp: 7864
Ion Ratio Lower Upper
276 100
138 42.0 21.0 31.6#
277 35.0 20.5 30.7#

