

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039724.D
 Acq On : 28 Apr 2023 02:10
 Operator : CG/JU
 Sample : 02417-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Y5

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/28/2023
 Supervised By : Jagrut Upadhyay 04/28/2023

Quant Time: Apr 28 03:11:16 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:30:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	3562	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.601	136	12919	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	7486	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	16575	0.400	ng/ul	-0.01
17) Chrysene-d12	21.397	240	14042	0.400	ng/ul	-0.01
23) Perylene-d12	23.744	264	12544	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	12959	2.469	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	3163	0.191	ng/ul	-0.01
18) Fluoranthene-d10	19.239	212	9488	0.251	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.650	128	2664	0.082	ng/ul#	90
15) Phenanthrene	17.242	178	3918	0.090	ng/ul#	88
16) Anthracene	17.335	178	1765	0.047	ng/ul#	72
19) Fluoranthene	19.267	202	5987	0.120	ng/ul#	91
20) Pyrene	19.624	202	5160m	0.095	ng/ul	
21) Benzo(a)anthracene	21.382	228	2324	0.058	ng/ul#	64
22) Chrysene	21.411	228	6869	0.150	ng/ul#	83
24) Benzo(b)fluoranthene	23.033	252	3419	0.078	ng/ul#	37
25) Benzo(k)fluoranthene	23.074	252	1502m	0.033	ng/ul	
26) Benzo(a)pyrene	23.630	252	1559	0.039	ng/ul#	15
27) Indeno(1,2,3-cd)pyrene	26.177	276	2145	0.043	ng/ul#	94
29) Benzo(g,h,i)perylene	26.925	276	2074	0.048	ng/ul#	71

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

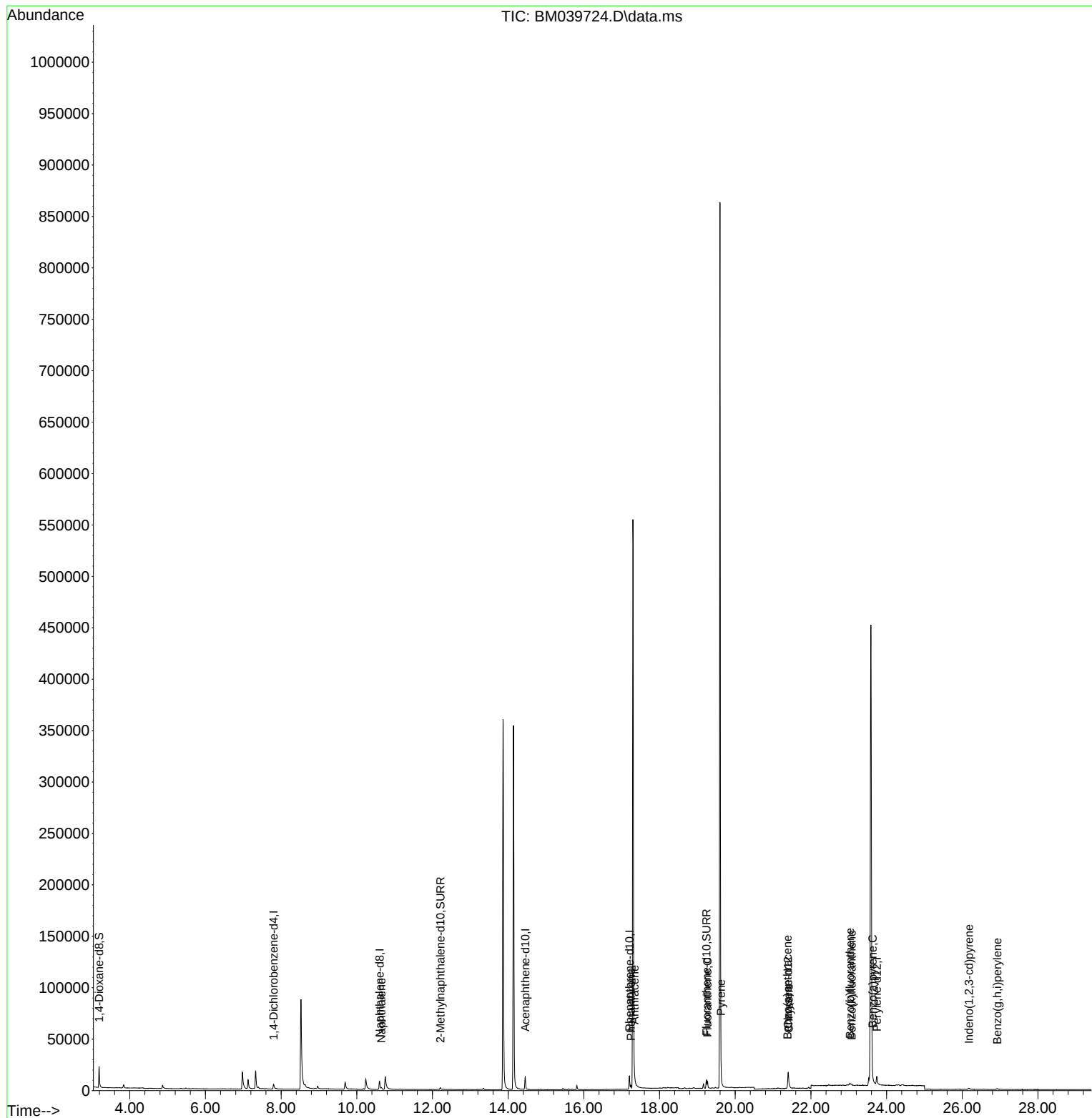
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039724.D
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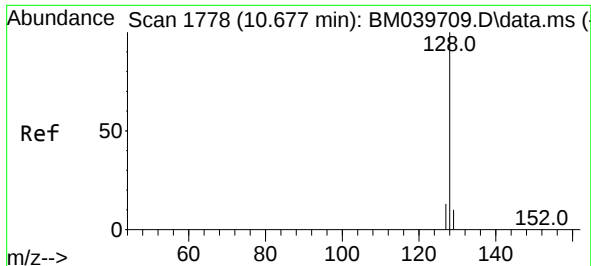
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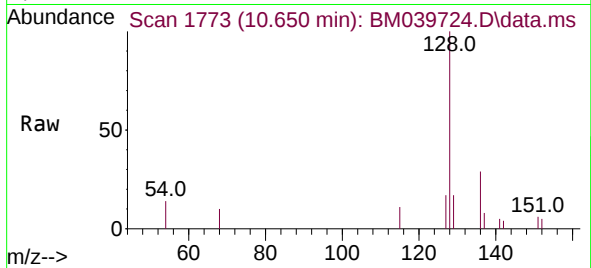
Quant Time: Apr 28 03:11:16 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.082 ng/ul
RT: 10.650 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM039724.D
Acq: 28 Apr 2023 02:10

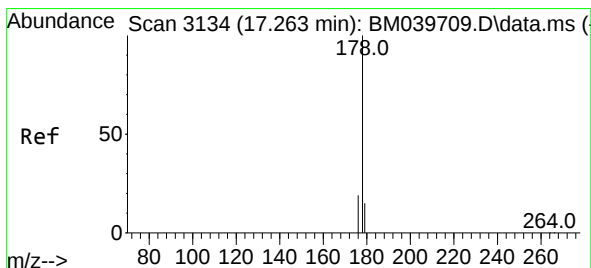
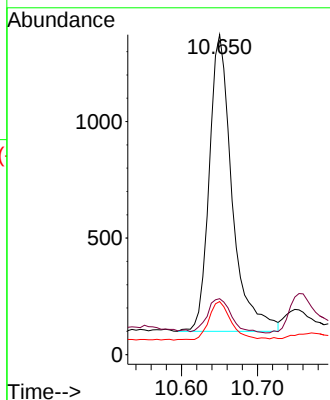
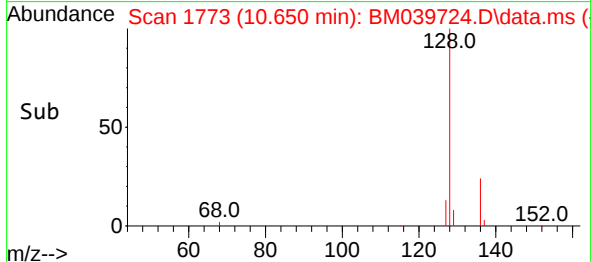
Instrument :
BNA_M
ClientSampleId :
EW8Y5



Tgt Ion:128 Resp: 2664
Ion Ratio Lower Upper
128 100
129 17.5 9.8 14.6#
127 16.6 11.1 16.7

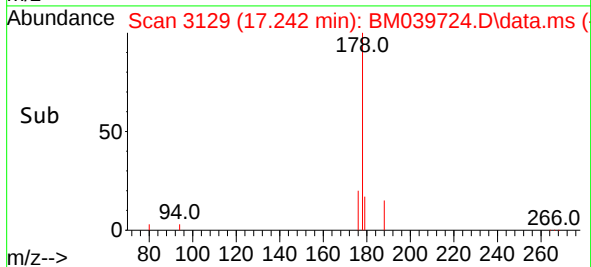
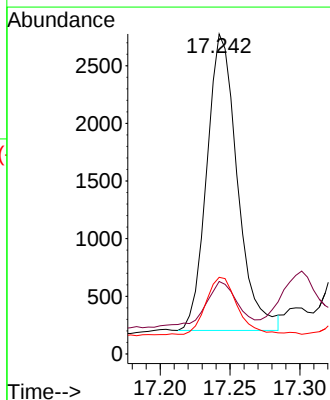
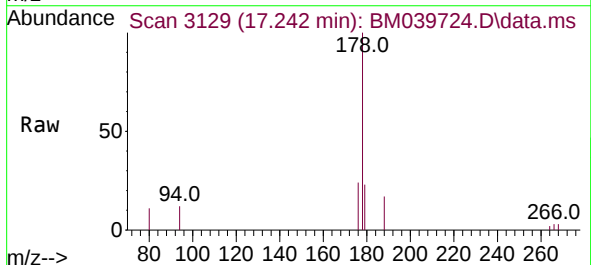
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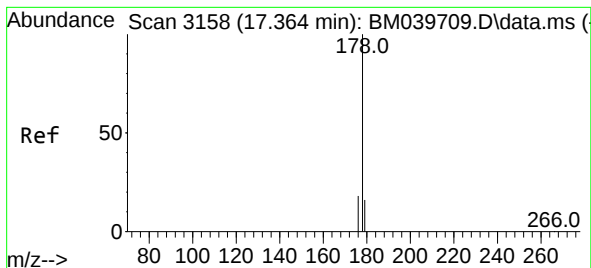
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#15
Phenanthrene
Concen: 0.090 ng/ul
RT: 17.242 min Scan# 3129
Delta R.T. -0.013 min
Lab File: BM039724.D
Acq: 28 Apr 2023 02:10

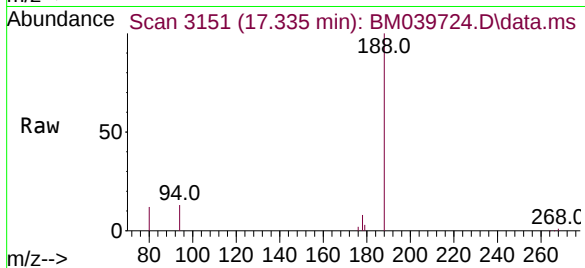
Tgt Ion:178 Resp: 3918
Ion Ratio Lower Upper
178 100
179 22.6 13.0 19.6#
176 23.9 15.8 23.8#





#16
 Anthracene
 Concen: 0.047 ng/ul
 RT: 17.335 min Scan# 3151
 Delta R.T. -0.021 min
 Lab File: BM039724.D
 Acq: 28 Apr 2023 02:10

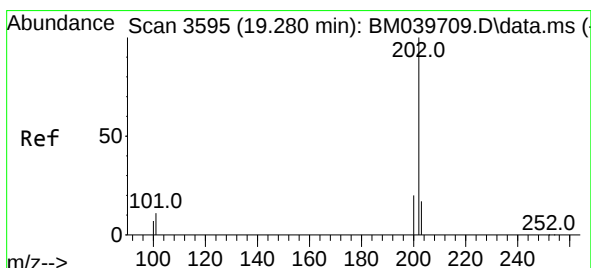
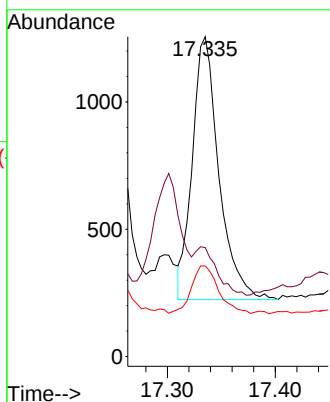
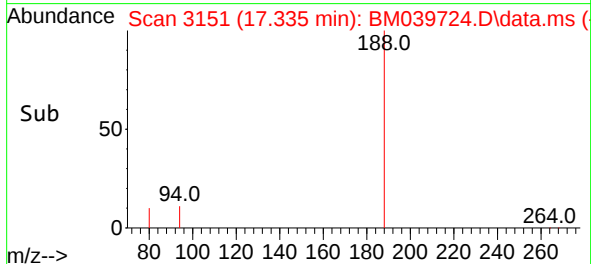
Instrument :
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Tgt Ion:178 Resp: 1765
 Ion Ratio Lower Upper
 178 100
 179 34.0 13.8 20.6#
 176 28.3 15.8 23.8#

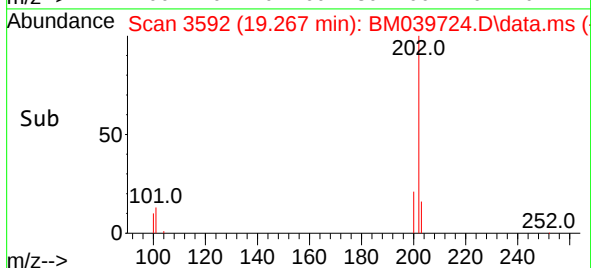
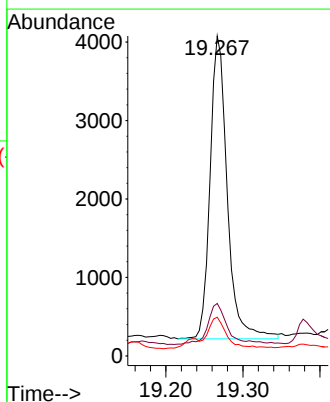
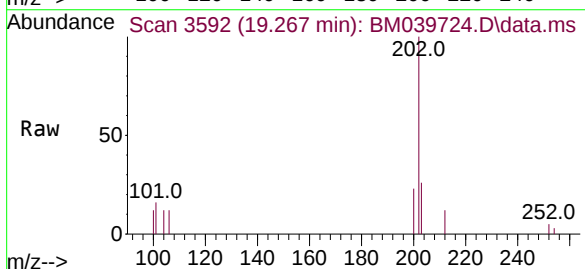
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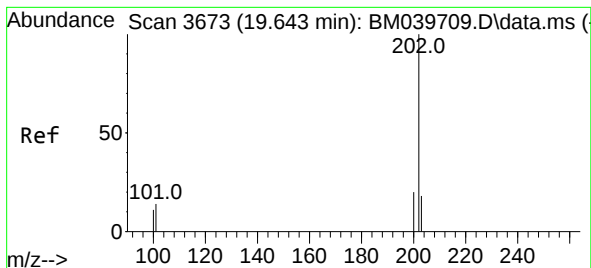
Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 04/28/2023



#19
 Fluoranthene
 Concen: 0.120 ng/ul
 RT: 19.267 min Scan# 3592
 Delta R.T. -0.009 min
 Lab File: BM039724.D
 Acq: 28 Apr 2023 02:10

Tgt Ion:202 Resp: 5987
 Ion Ratio Lower Upper
 202 100
 101 16.4 9.8 14.8#
 100 12.1 7.3 10.9#





#20

Pyrene

Concen: 0.095 ng/ul m

RT: 19.624 min Scan# 30

Delta R.T. -0.018 min

Lab File: BM039724.D

Acq: 28 Apr 2023 02:10

Instrument :

BNA_M

ClientSampleId :

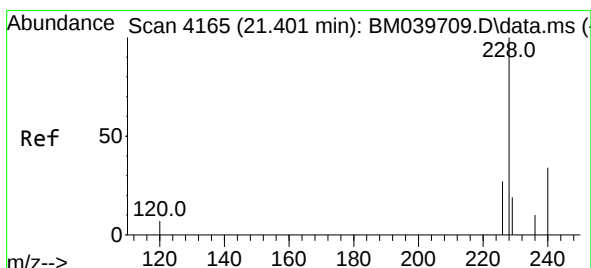
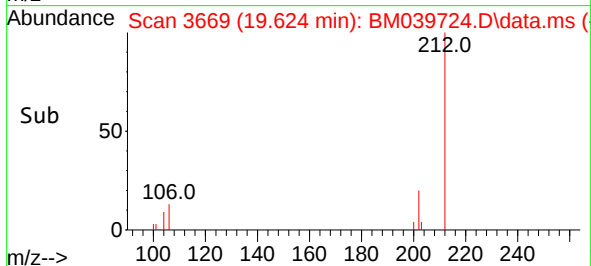
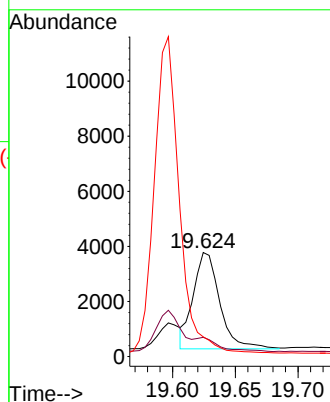
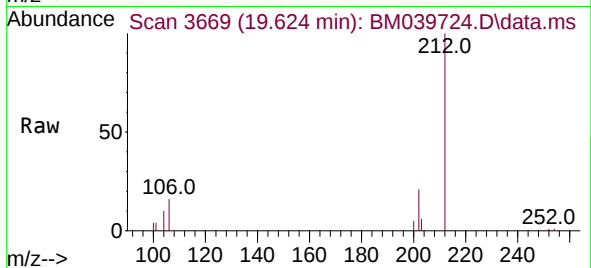
EW8Y5

Tgt Ion:202	Resp:	5160
Ion Ratio	Lower	Upper
202	100	
101	18.4	10.9 16.3
100	19.0	8.9 13.3

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#21

Benzo(a)anthracene

Concen: 0.058 ng/ul

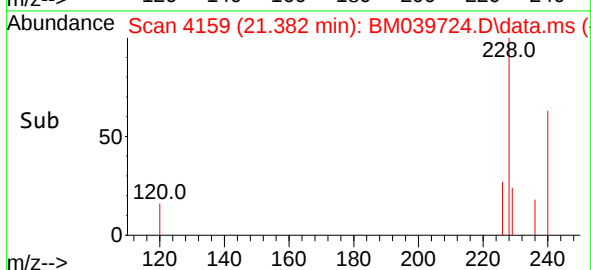
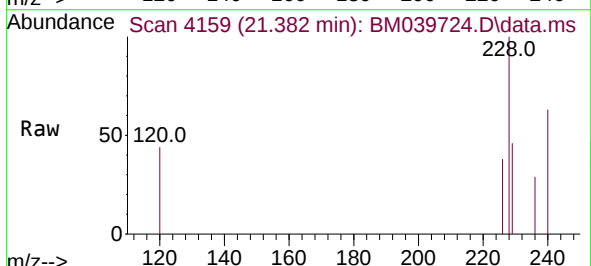
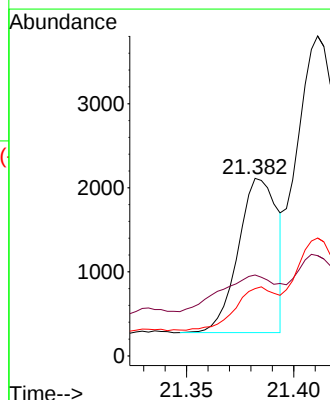
RT: 21.382 min Scan# 4159

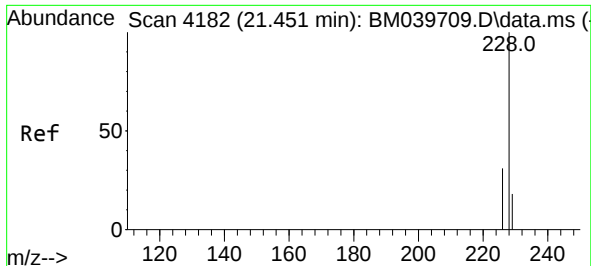
Delta R.T. -0.015 min

Lab File: BM039724.D

Acq: 28 Apr 2023 02:10

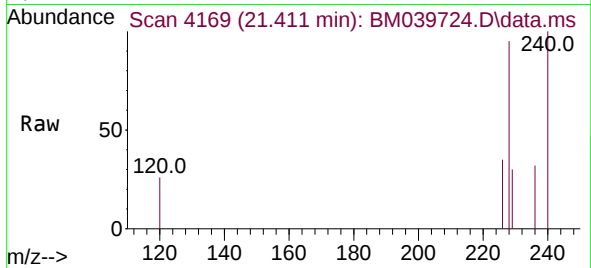
Tgt Ion:228	Resp:	2324
Ion Ratio	Lower	Upper
228	100	
229	45.6	16.2 24.2
226	37.9	21.6 32.4





#22
Chrysene
Concen: 0.150 ng/ul
RT: 21.411 min Scan# 4169
Delta R.T. -0.035 min
Lab File: BM039724.D
Acq: 28 Apr 2023 02:10

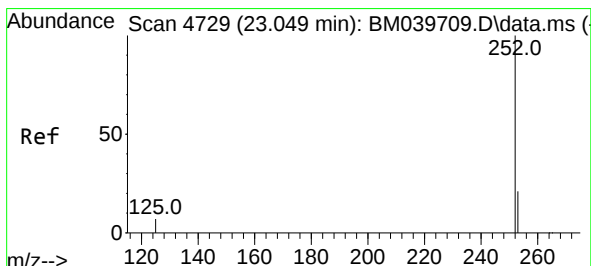
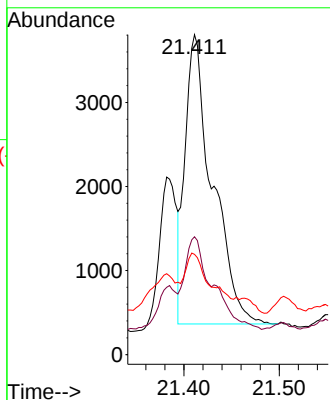
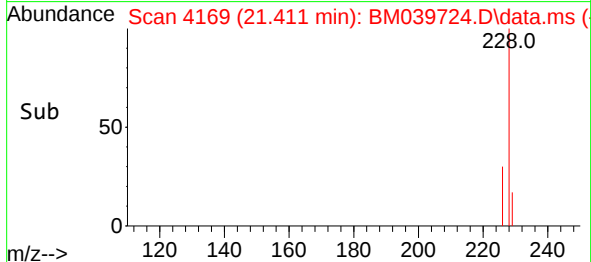
Instrument :
BNA_M
ClientSampleId :
EW8Y5



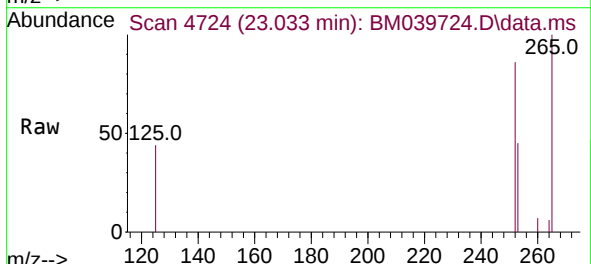
Tgt Ion:228 Resp: 6869
Ion Ratio Lower Upper
228 100
226 36.9 24.3 36.5
229 31.3 15.9 23.9

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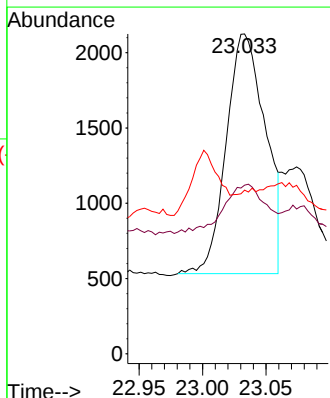
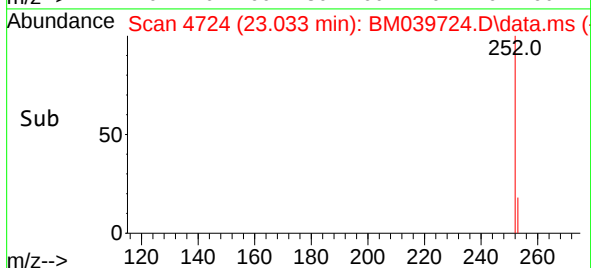
Reviewed By :Christian Giraldo 04/28/2023
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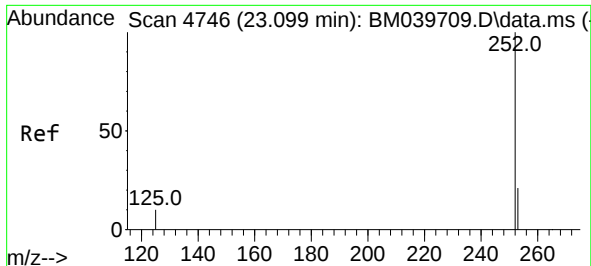


#24
Benzo(b)fluoranthene
Concen: 0.078 ng/ul
RT: 23.033 min Scan# 4724
Delta R.T. -0.012 min
Lab File: BM039724.D
Acq: 28 Apr 2023 02:10



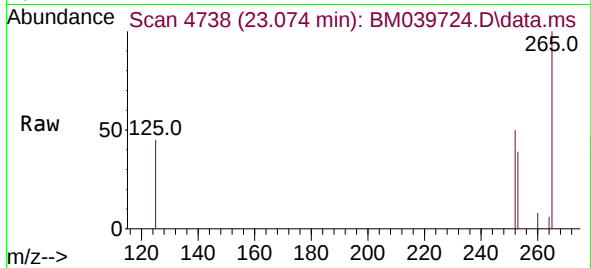
Tgt Ion:252 Resp: 3419
Ion Ratio Lower Upper
252 100
253 52.7 0.0 52.8
125 51.2 0.0 31.6





#25
Benzo(k)fluoranthene
Concen: 0.033 ng/ul m
RT: 23.074 min Scan# 4746
Delta R.T. -0.020 min
Lab File: BM039724.D
Acq: 28 Apr 2023 02:10

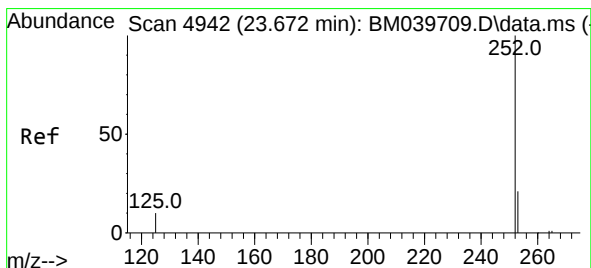
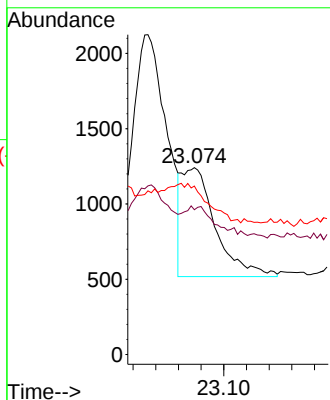
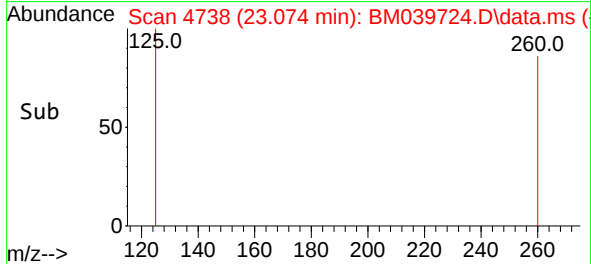
Instrument :
BNA_M
ClientSampleId :
EW8Y5



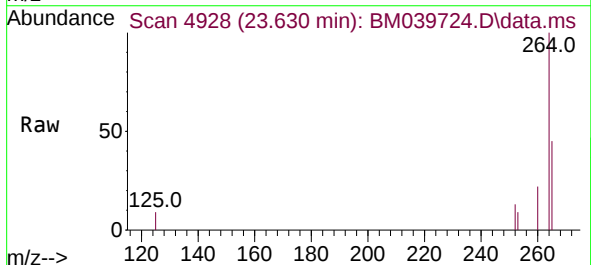
Tgt Ion:252 Resp: 1502
Ion Ratio Lower Upper
252 100
253 77.5 21.3 31.9#
125 90.2 13.0 19.6#

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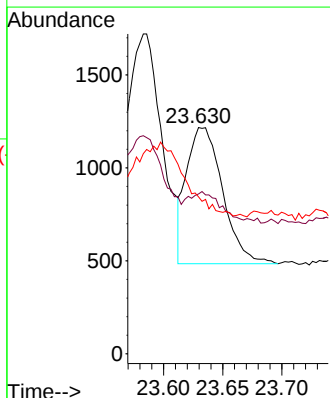
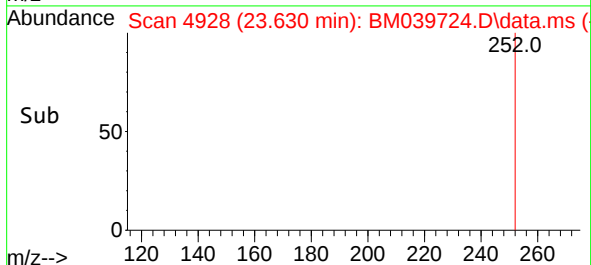
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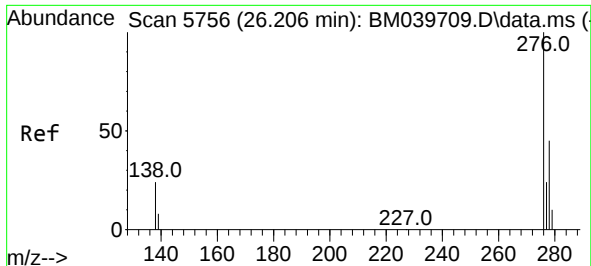


#26
Benzo(a)pyrene
Concen: 0.039 ng/ul
RT: 23.630 min Scan# 4928
Delta R.T. -0.035 min
Lab File: BM039724.D
Acq: 28 Apr 2023 02:10



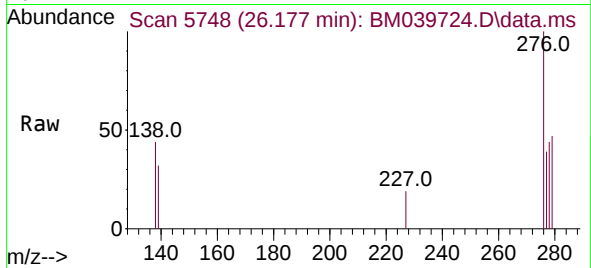
Tgt Ion:252 Resp: 1559
Ion Ratio Lower Upper
252 100
253 70.7 24.7 37.1#
125 69.4 16.5 24.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.043 ng/ul
RT: 26.177 min Scan# 5748
Delta R.T. -0.023 min
Lab File: BM039724.D
Acq: 28 Apr 2023 02:10

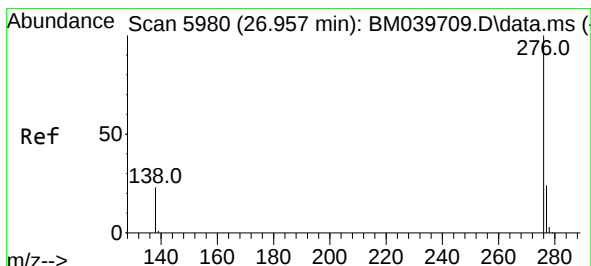
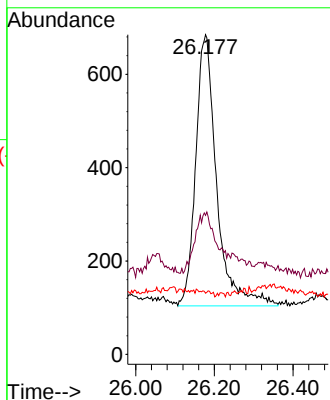
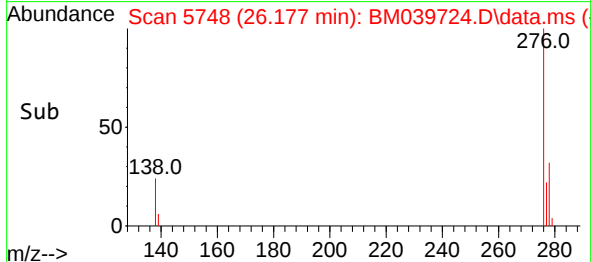
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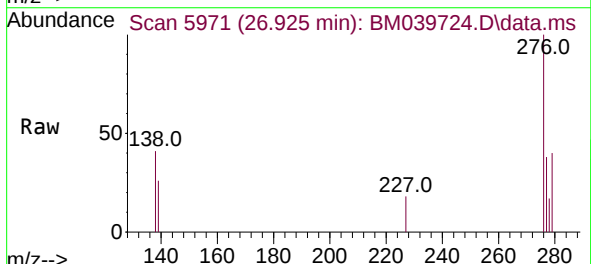
Tgt Ion: 276 Resp: 2145
Ion Ratio Lower Upper
276 100
138 23.3 21.1 31.7
227 0.6 0.1 0.1

Manual Integrations
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Reviewed By : Christian Giraldo 04/28/2023
Supervised By : Jagrut Upadhyay 04/28/2023



#29
Benzo(g,h,i)perylene
Concen: 0.048 ng/ul
RT: 26.925 min Scan# 5971
Delta R.T. -0.023 min
Lab File: BM039724.D
Acq: 28 Apr 2023 02:10



Tgt Ion: 276 Resp: 2074
Ion Ratio Lower Upper
276 100
138 41.3 20.1 30.1#
277 38.1 20.1 30.1#

