

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039725.D
 Acq On : 28 Apr 2023 02:46
 Operator : CG/JU
 Sample : 02417-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8X2

Manual Integrations
 APPROVED

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

Quant Time: Apr 28 03:42:57 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	3335	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.600	136	12281	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	7173	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	15687	0.400	ng/ul	-0.01
17) Chrysene-d12	21.402	240	13116	0.400	ng/ul	0.00
23) Perylene-d12	23.746	264	12080	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	14279	2.905	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	3329	0.211	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	8056	0.228	ng/ul	0.00
Target Compounds						
						Qvalue
15) Phenanthrene	17.246	178	1887	0.046	ng/ul#	85
19) Fluoranthene	19.271	202	6792	0.145	ng/ul	97
20) Pyrene	19.629	202	5796m	0.115	ng/ul	
21) Benzo(a)anthracene	21.391	228	3449	0.091	ng/ul#	90
22) Chrysene	21.440	228	3048	0.071	ng/ul#	93
24) Benzo(b)fluoranthene	23.036	252	4791	0.113	ng/ul#	62
25) Benzo(k)fluoranthene	23.083	252	1969m	0.046	ng/ul	
26) Benzo(a)pyrene	23.635	252	2607	0.068	ng/ul#	49
27) Indeno(1,2,3-cd)pyrene	26.191	276	2085	0.043	ng/ul#	98
29) Benzo(g,h,i)perylene	26.939	276	1710	0.041	ng/ul#	68

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

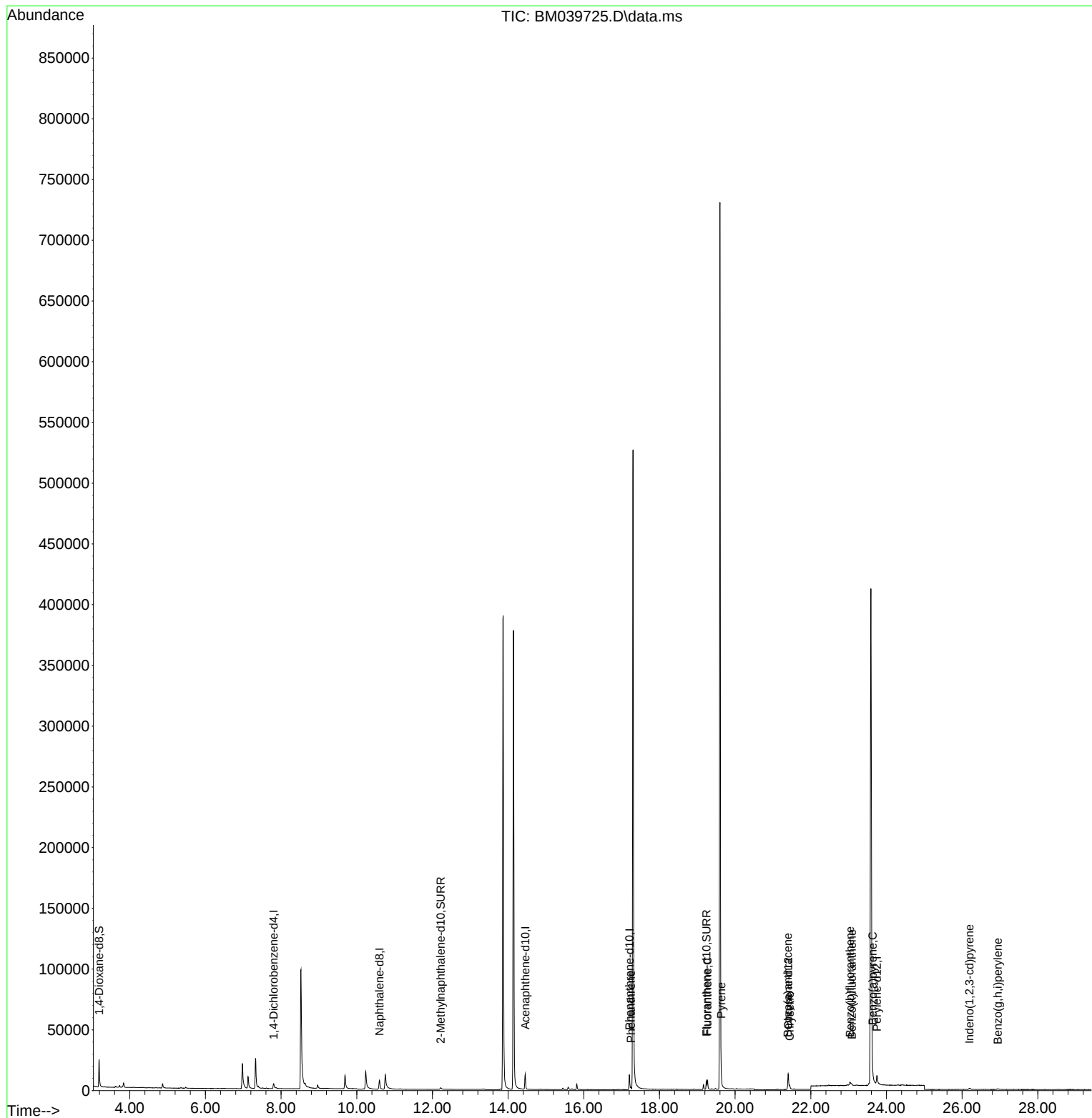
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
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ALS Vial : 27 Sample Multiplier: 1

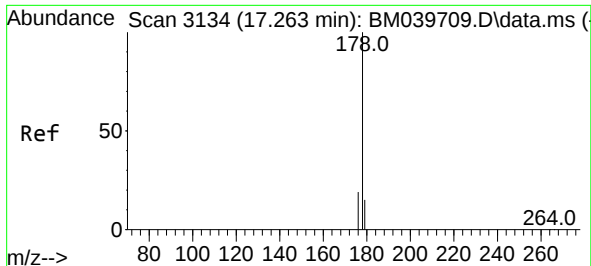
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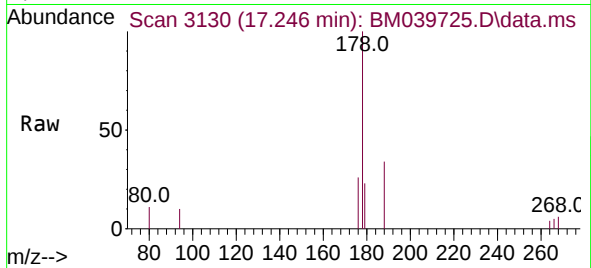
Quant Time: Apr 28 03:42:57 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
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#15
Phenanthrene
Concen: 0.046 ng/ul
RT: 17.246 min Scan# 3130
Delta R.T. -0.009 min
Lab File: BM039725.D
Acq: 28 Apr 2023 02:46

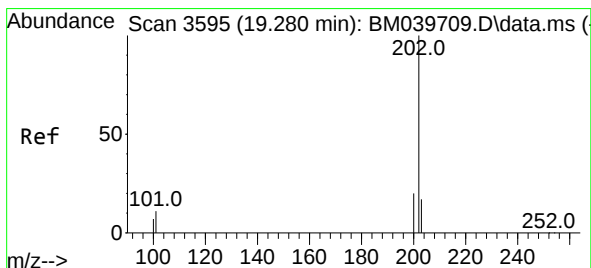
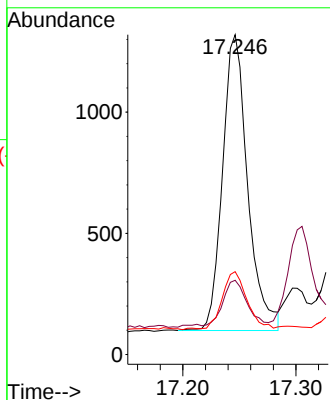
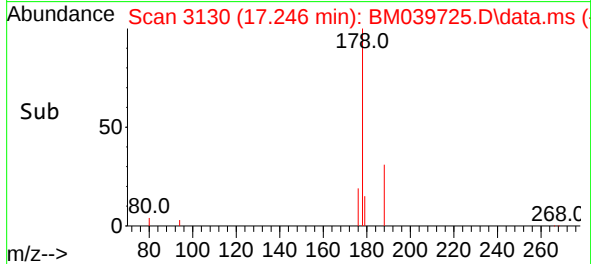
Instrument :
BNA_M
ClientSampleId :
EW8X2



Tgt Ion:178 Resp: 188
Ion Ratio Lower Upper
178 100
179 23.2 13.0 19.6
176 25.9 15.8 23.8

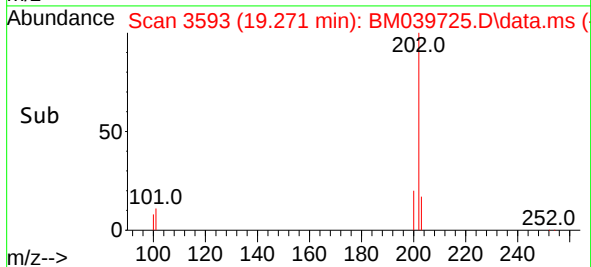
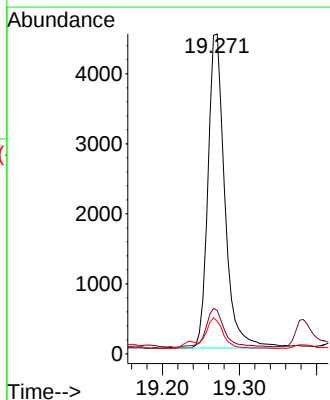
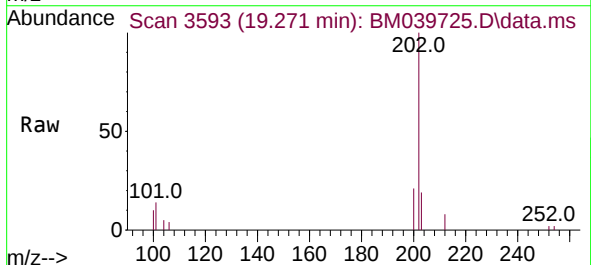
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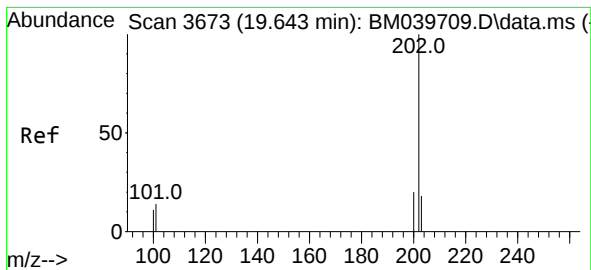
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#19
Fluoranthene
Concen: 0.145 ng/ul
RT: 19.271 min Scan# 3593
Delta R.T. -0.005 min
Lab File: BM039725.D
Acq: 28 Apr 2023 02:46

Tgt Ion:202 Resp: 6792
Ion Ratio Lower Upper
202 100
101 13.6 9.8 14.8
100 10.2 7.3 10.9





#20

Pyrene

Concen: 0.115 ng/ul m

RT: 19.629 min Scan# 3670

Delta R.T. -0.014 min

Lab File: BM039725.D

Acq: 28 Apr 2023 02:46

Instrument :

BNA_M

ClientSampleId :

EW8X2

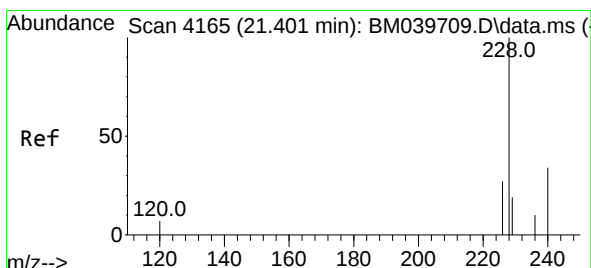
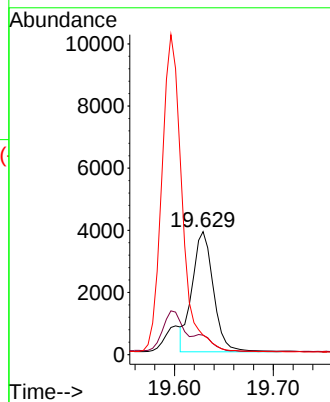
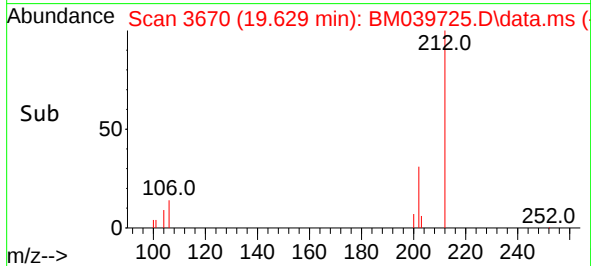
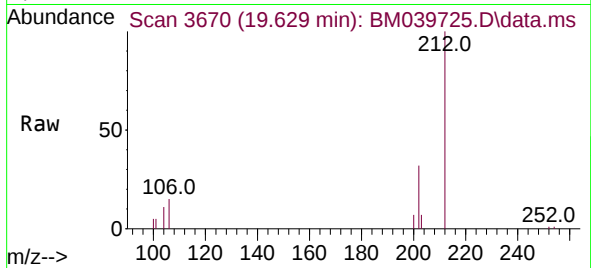
Tgt Ion:202	Resp:	5796
Ion Ratio	Lower	Upper
202	100	
101	15.9	10.9 16.3
100	15.9	8.9 13.3

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#21

Benzo(a)anthracene

Concen: 0.091 ng/ul

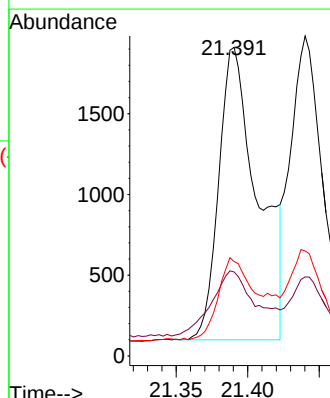
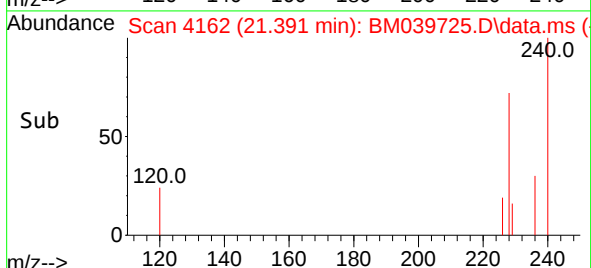
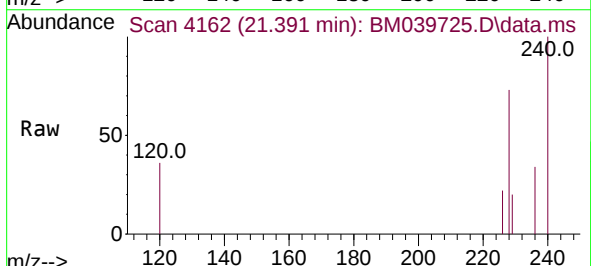
RT: 21.391 min Scan# 4162

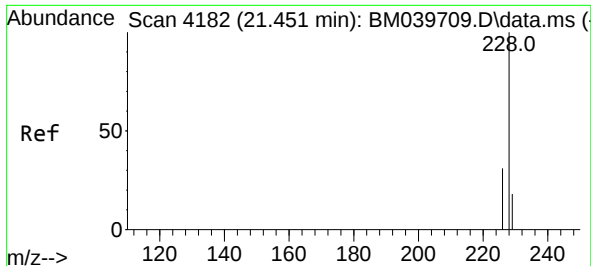
Delta R.T. -0.006 min

Lab File: BM039725.D

Acq: 28 Apr 2023 02:46

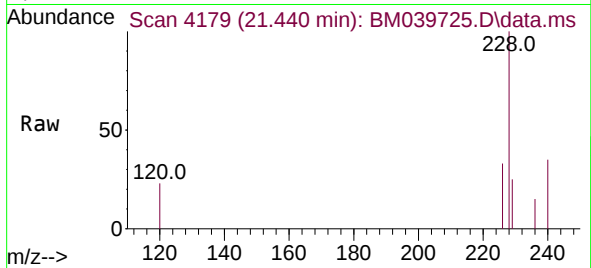
Tgt Ion:228	Resp:	3449
Ion Ratio	Lower	Upper
228	100	
229	27.2	16.2 24.2
226	30.6	21.6 32.4





#22
Chrysene
Concen: 0.071 ng/ul
RT: 21.440 min Scan# 4182
Delta R.T. -0.006 min
Lab File: BM039725.D
Acq: 28 Apr 2023 02:46

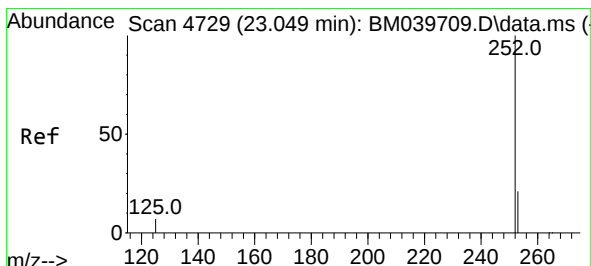
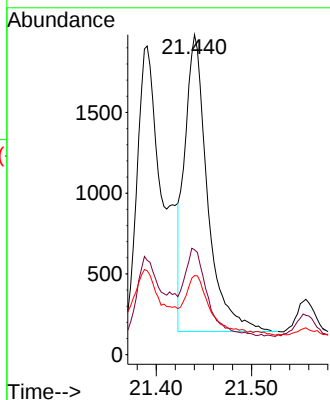
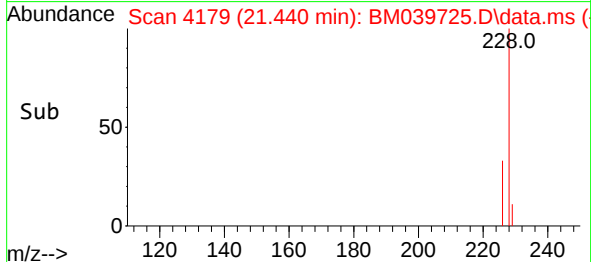
Instrument :
BNA_M
ClientSampleId :
EW8X2



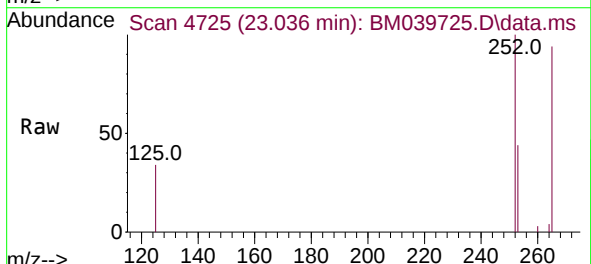
Tgt Ion:228 Resp: 3048
Ion Ratio Lower Upper
228 100
226 32.8 24.3 36.5
229 24.7 15.9 23.9

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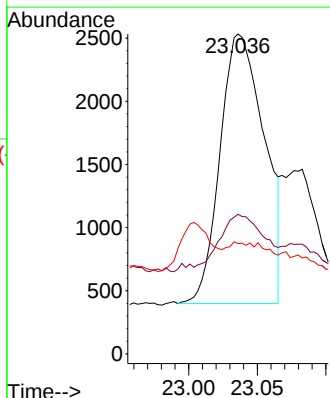
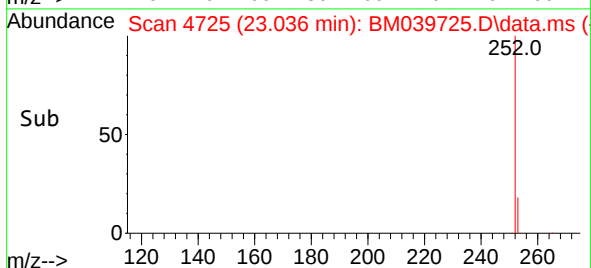
Reviewed By :Christian Giraldo 04/28/2023
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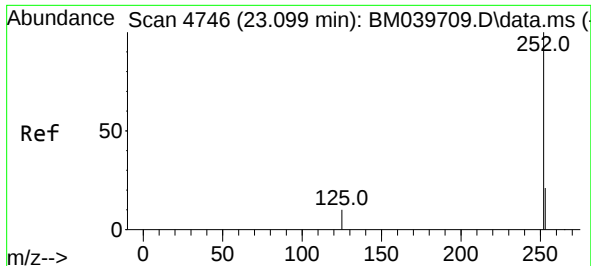


#24
Benzo(b)fluoranthene
Concen: 0.113 ng/ul
RT: 23.036 min Scan# 4725
Delta R.T. -0.009 min
Lab File: BM039725.D
Acq: 28 Apr 2023 02:46



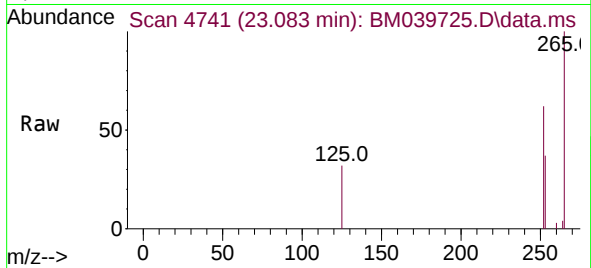
Tgt Ion:252 Resp: 4791
Ion Ratio Lower Upper
252 100
253 43.6 0.0 52.8
125 34.5 0.0 31.6





#25
Benzo(k)fluoranthene
Concen: 0.046 ng/ul m
RT: 23.083 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM039725.D
Acq: 28 Apr 2023 02:46

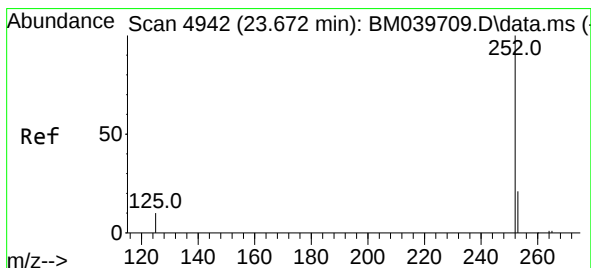
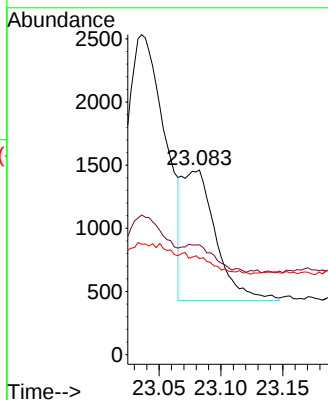
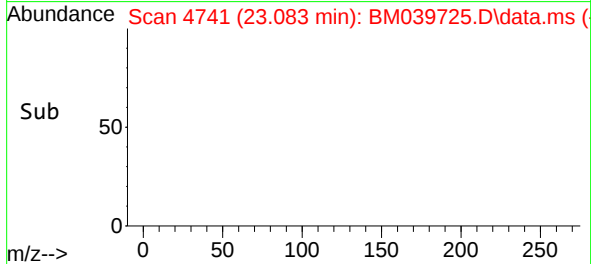
Instrument :
BNA_M
ClientSampleId :
EW8X2



Tgt Ion:252 Resp: 1969
Ion Ratio Lower Upper
252 100
253 59.4 21.3 31.9#
125 52.0 13.0 19.6#

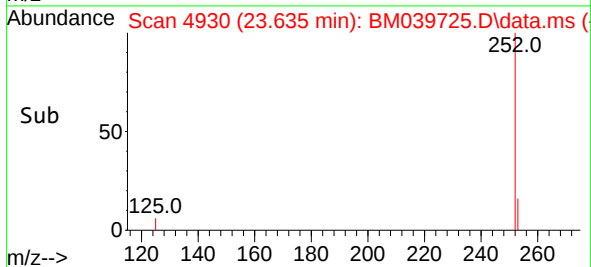
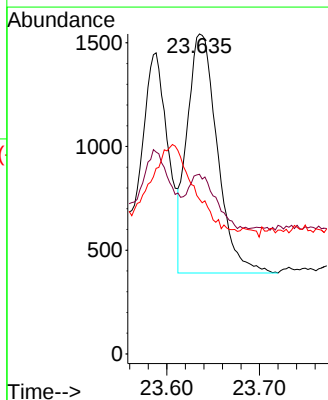
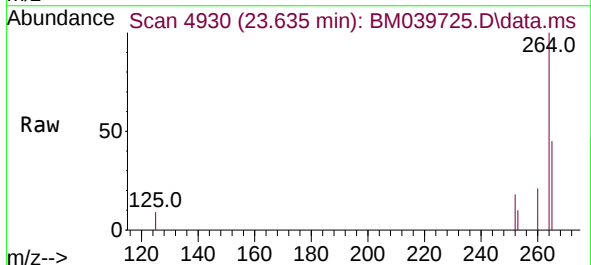
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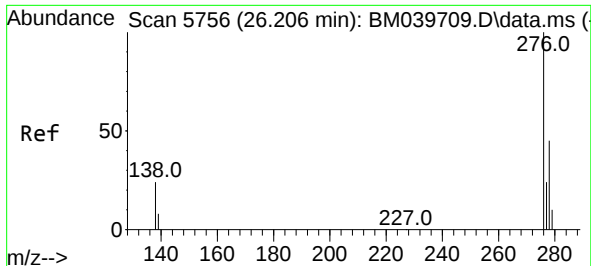
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#26
Benzo(a)pyrene
Concen: 0.068 ng/ul
RT: 23.635 min Scan# 4930
Delta R.T. -0.029 min
Lab File: BM039725.D
Acq: 28 Apr 2023 02:46

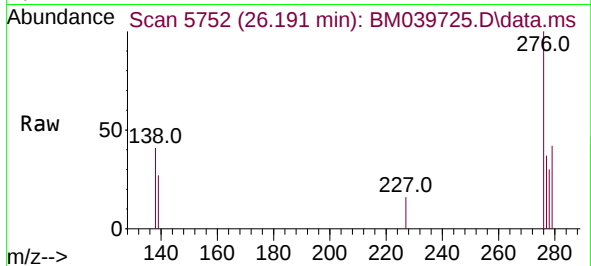
Tgt Ion:252 Resp: 2607
Ion Ratio Lower Upper
252 100
253 56.1 24.7 37.1#
125 48.3 16.5 24.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.043 ng/ul
RT: 26.191 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM039725.D
Acq: 28 Apr 2023 02:46

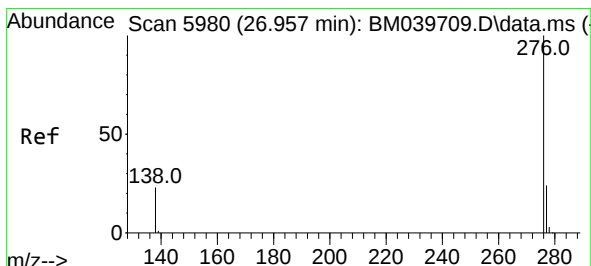
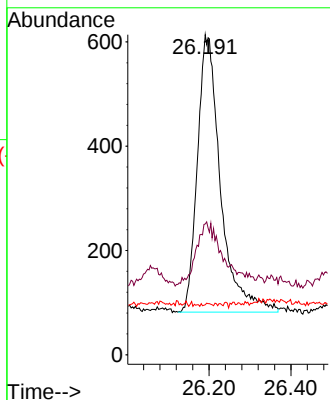
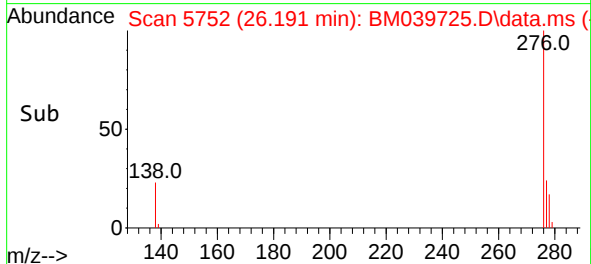
Instrument :
BNA_M
ClientSampleId :
EW8X2



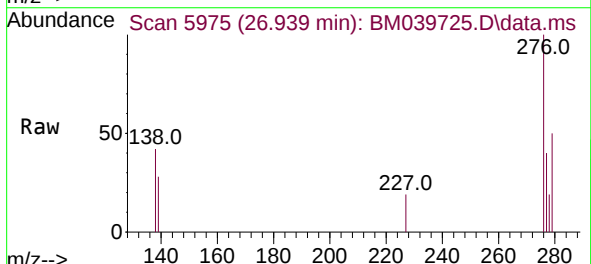
Tgt Ion:276 Resp: 2085
Ion Ratio Lower Upper
276 100
138 27.3 21.1 31.7
227 0.2 0.1 0.1

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#29
Benzo(g,h,i)perylene
Concen: 0.041 ng/ul
RT: 26.939 min Scan# 5975
Delta R.T. -0.010 min
Lab File: BM039725.D
Acq: 28 Apr 2023 02:46



Tgt Ion:276 Resp: 1710
Ion Ratio Lower Upper
276 100
138 42.0 20.1 30.1#
277 40.0 20.1 30.1#

