

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043005.D
 Acq On : 25 Nov 2023 07:50
 Operator : MA/JU
 Sample : 05261-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKQ8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 27 02:42:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	1119m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.612	136	3167	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.456	164	2182m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.213	188	4151m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.403	240	3397m	0.400	ng/ul	-0.02
23) Perylene-d12	23.753	264	3139m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	5843	3.403	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	1236	0.292	ng/ul	-0.02
18) Fluoranthene-d10	19.244	212	3425	0.277	ng/ul	-0.02
Target Compounds						Qvalue
10) Acenaphthylene	14.183	152	666	0.060	ng/ul#	81
15) Phenanthrene	17.255	178	2352	0.199	ng/ul	99
19) Fluoranthene	19.272	202	6856	0.356	ng/ul	96
20) Pyrene	19.634	202	8538m	0.417	ng/ul	
21) Benzo(a)anthracene	21.385	228	3797m	0.344	ng/ul	
22) Chrysene	21.438	228	3368	0.164	ng/ul	98
24) Benzo(b)fluoranthene	23.031	252	4776	0.451	ng/ul	96
25) Benzo(k)fluoranthene	23.071	252	2115m	0.145	ng/ul	
26) Benzo(a)pyrene	23.639	252	4110	0.356	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.211	276	3121	0.199	ng/ul#	100
29) Benzo(g,h,i)perylene	26.976	276	3548	0.233	ng/ul	98

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

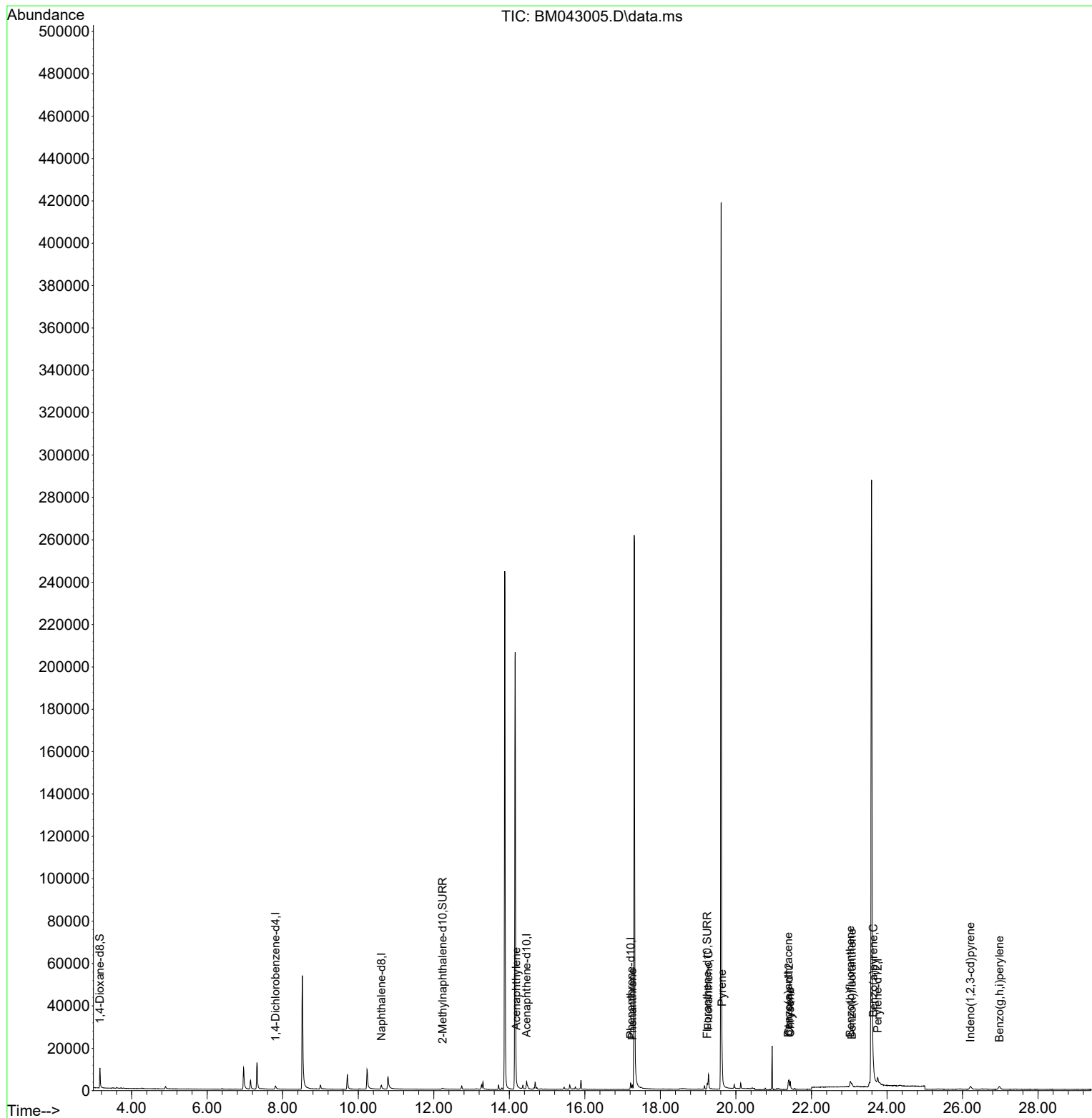
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043005.D
Acq On : 25 Nov 2023 07:50
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Sample : 05261-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

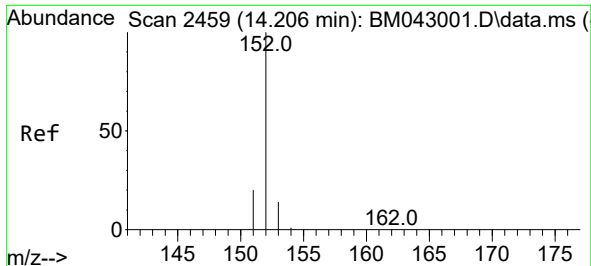
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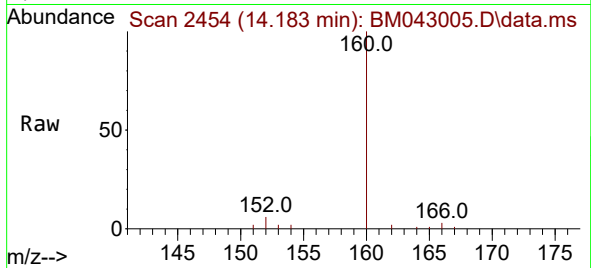
Quant Time: Nov 27 02:42:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
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#10
Acenaphthylene
Concen: 0.060 ng/ul
RT: 14.183 min Scan# 2459
Delta R.T. -0.022 min
Lab File: BM043005.D
Acq: 25 Nov 2023 07:50

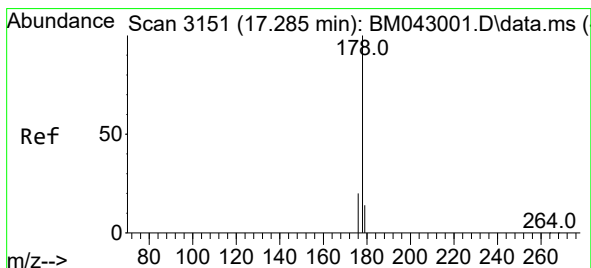
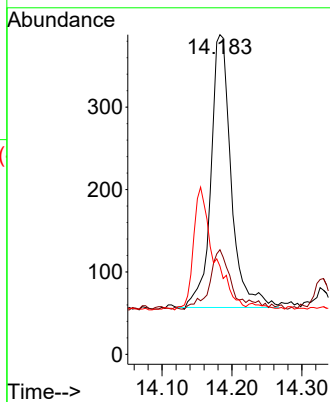
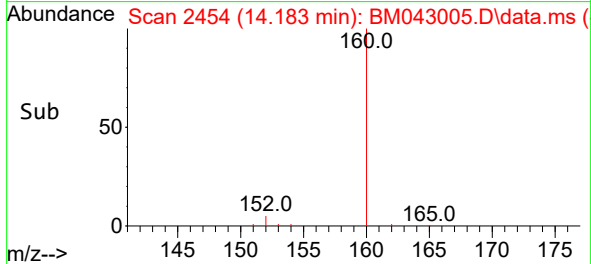
Instrument :
BNA_M
ClientSampleId :
DCKQ8



Tgt Ion:152 Resp: 660
Ion Ratio Lower Upper
152 100
151 32.7 19.4 29.0
153 27.6 14.6 21.8

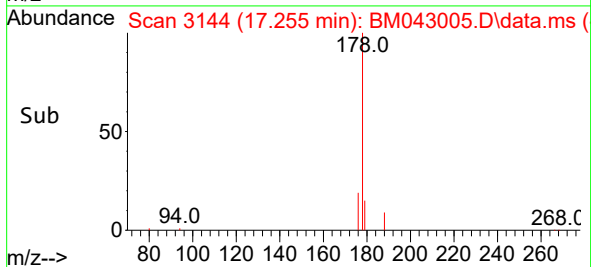
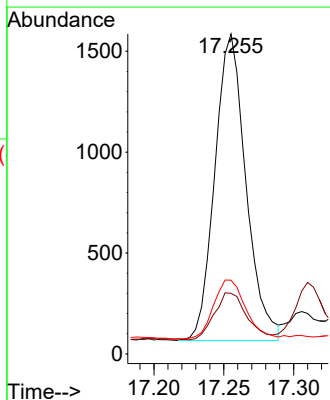
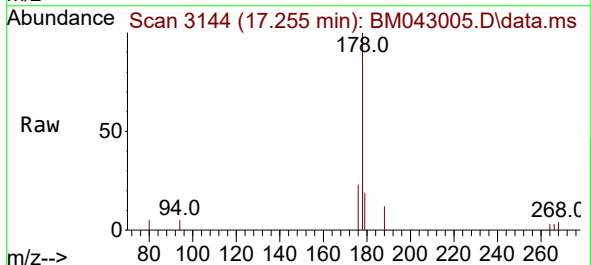
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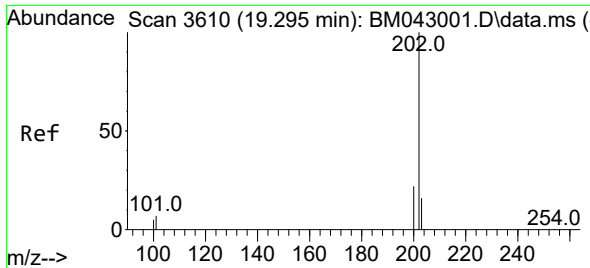
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#15
Phenanthrene
Concen: 0.199 ng/ul
RT: 17.255 min Scan# 3144
Delta R.T. -0.024 min
Lab File: BM043005.D
Acq: 25 Nov 2023 07:50

Tgt Ion:178 Resp: 2352
Ion Ratio Lower Upper
178 100
179 18.9 15.7 23.5
176 23.0 18.9 28.3





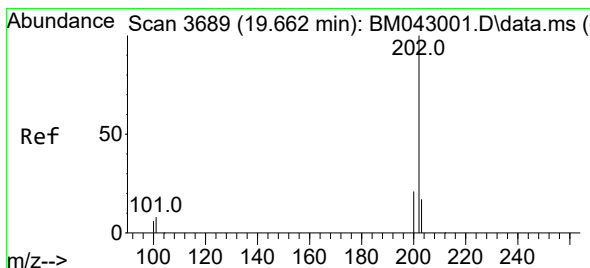
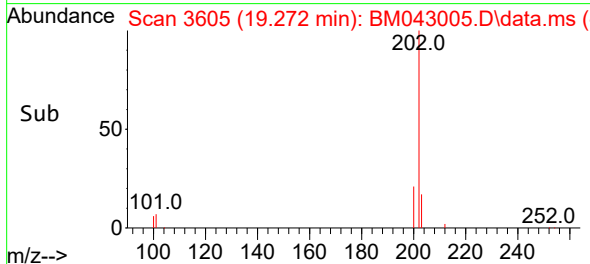
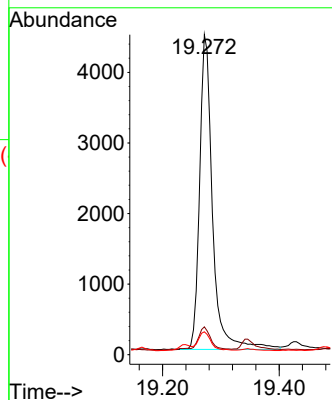
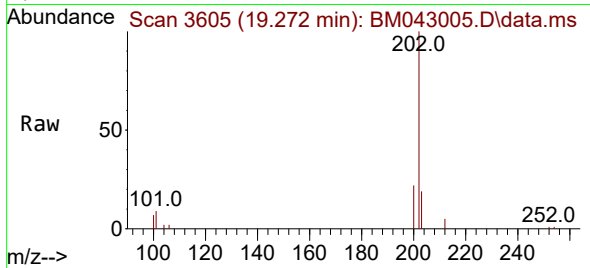
#19
Fluoranthene
Concen: 0.356 ng/ul
RT: 19.272 min Scan# 3605
Delta R.T. -0.022 min
Lab File: BM043005.D
Acq: 25 Nov 2023 07:50

Instrument :
BNA_M
ClientSampleId :
DCKQ8

Tgt Ion:202 Resp: 6850
Ion Ratio Lower Upper
202 100
101 8.7 7.8 11.8
100 7.1 7.1 10.7

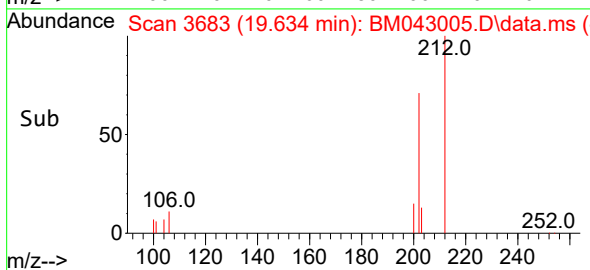
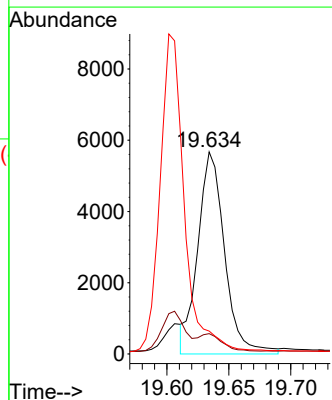
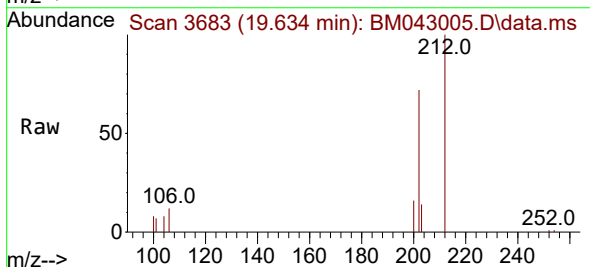
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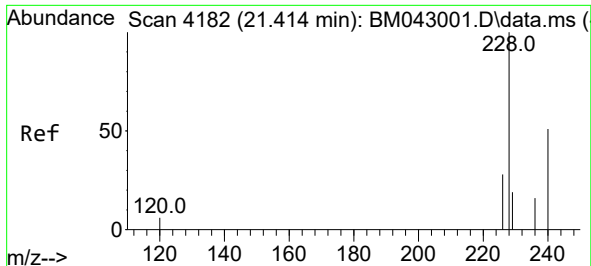
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#20
Pyrene
Concen: 0.417 ng/ul m
RT: 19.634 min Scan# 3683
Delta R.T. -0.027 min
Lab File: BM043005.D
Acq: 25 Nov 2023 07:50

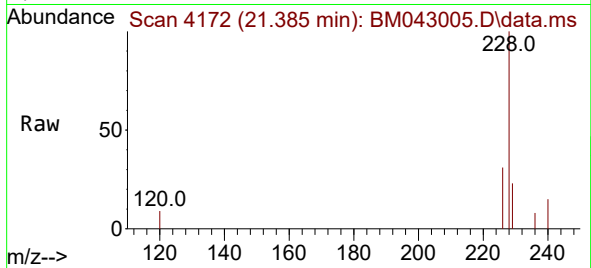
Tgt Ion:202 Resp: 8538
Ion Ratio Lower Upper
202 100
101 10.1 8.7 13.1
100 11.3 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.344 ng/ul m
RT: 21.385 min Scan# 4182
Delta R.T. -0.027 min
Lab File: BM043005.D
Acq: 25 Nov 2023 07:50

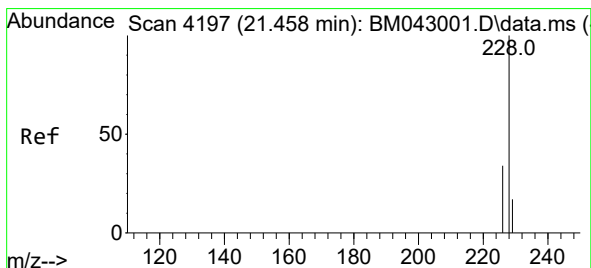
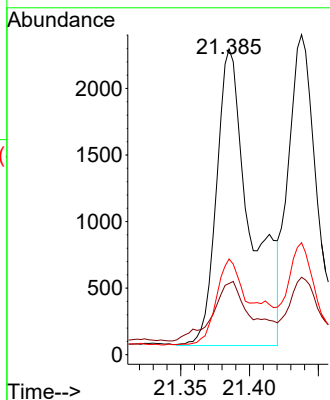
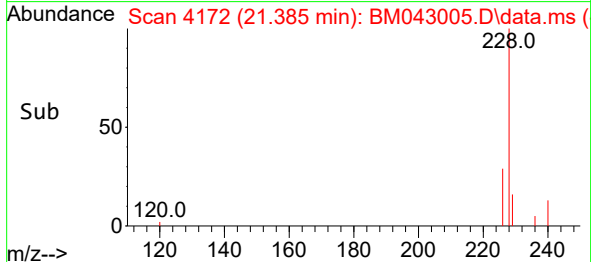
Instrument :
BNA_M
ClientSampleId :
DCKQ8



Tgt Ion:228 Resp: 379
Ion Ratio Lower Upper
228 100
229 23.3 19.4 29.0
226 31.3 24.9 37.3

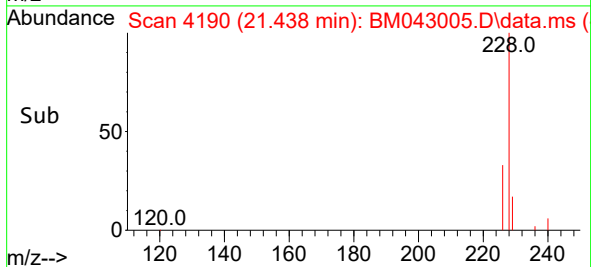
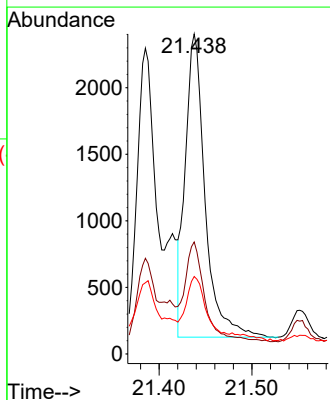
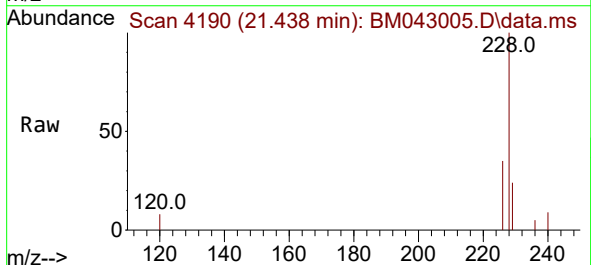
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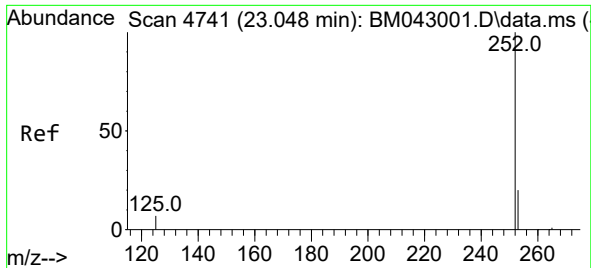
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#22
Chrysene
Concen: 0.164 ng/ul
RT: 21.438 min Scan# 4190
Delta R.T. -0.021 min
Lab File: BM043005.D
Acq: 25 Nov 2023 07:50

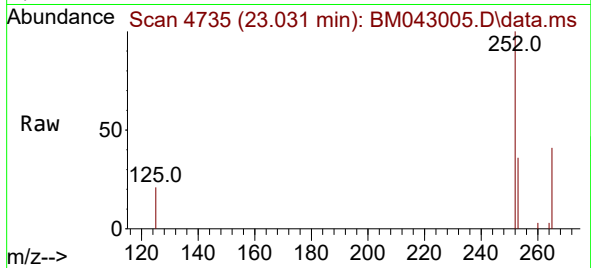
Tgt Ion:228 Resp: 3368
Ion Ratio Lower Upper
228 100
226 35.0 27.2 40.8
229 24.2 18.0 27.0





#24
Benzo(b)fluoranthene
Concen: 0.451 ng/ul
RT: 23.031 min Scan# 4770
Delta R.T. -0.021 min
Lab File: BM043005.D
Acq: 25 Nov 2023 07:50

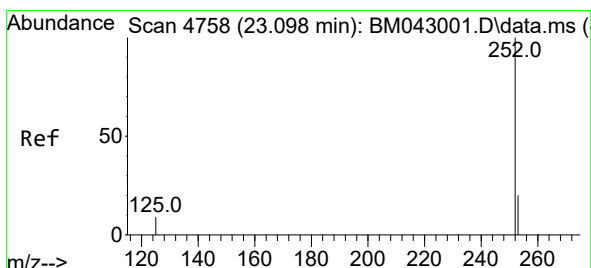
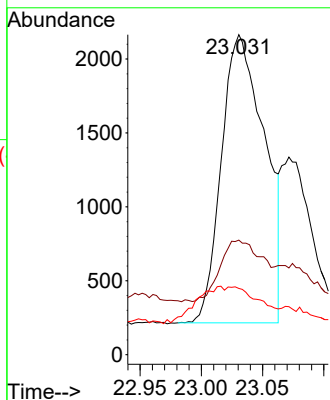
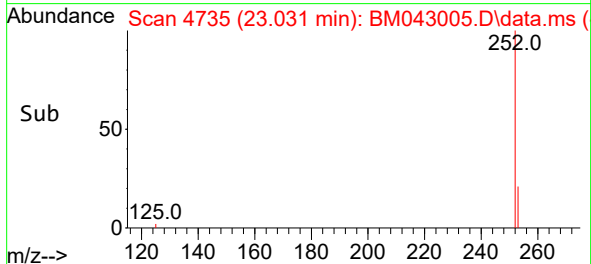
Instrument :
BNA_M
ClientSampleId :
DCKQ8



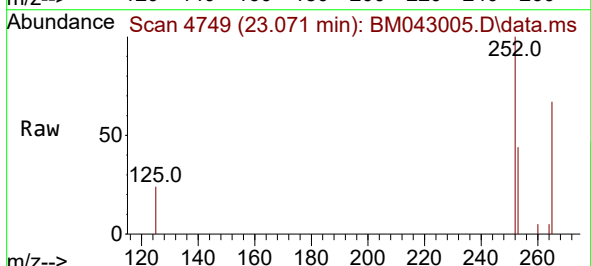
Tgt Ion:252 Resp: 4770
Ion Ratio Lower Upper
252 100
253 35.8 0.0 71.8
125 20.7 0.0 29.0

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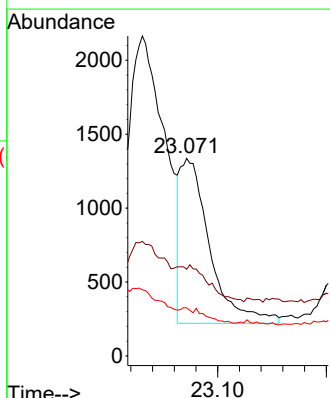
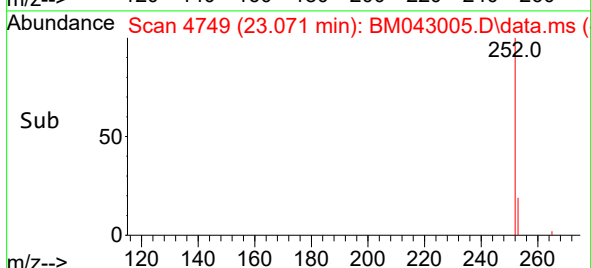
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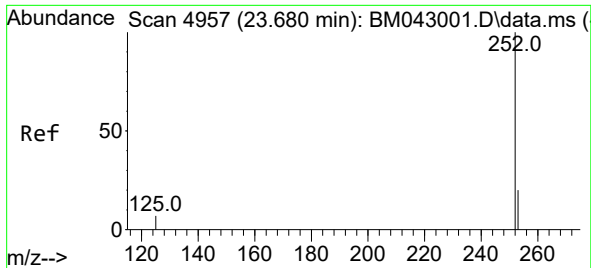


#25
Benzo(k)fluoranthene
Concen: 0.145 ng/ul m
RT: 23.071 min Scan# 4749
Delta R.T. -0.027 min
Lab File: BM043005.D
Acq: 25 Nov 2023 07:50



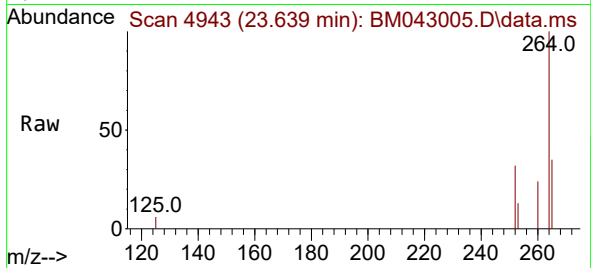
Tgt Ion:252 Resp: 2115
Ion Ratio Lower Upper
252 100
253 43.9 28.2 42.2#
125 24.3 11.0 16.6#





#26
Benzo(a)pyrene
Concen: 0.356 ng/ul
RT: 23.639 min Scan# 4957
Delta R.T. -0.047 min
Lab File: BM043005.D
Acq: 25 Nov 2023 07:50

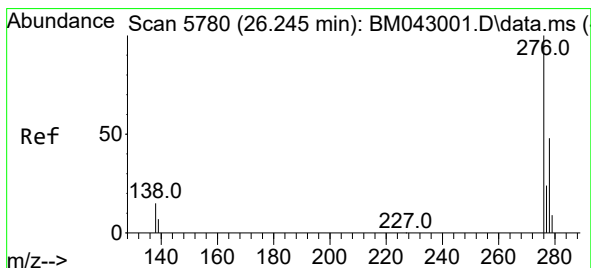
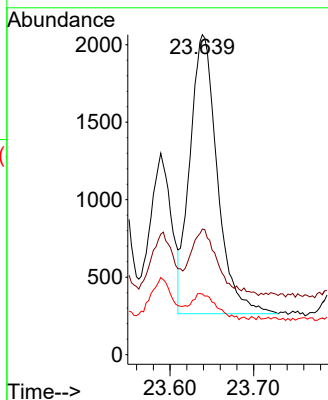
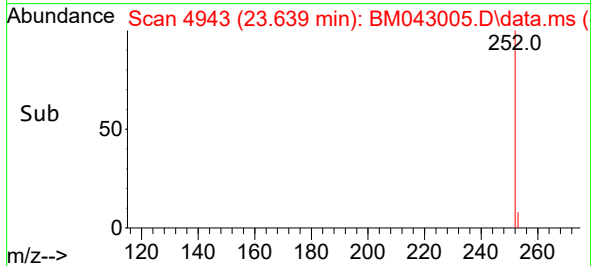
Instrument :
BNA_M
ClientSampleId :
DCKQ8



Tgt Ion:252 Resp: 4110
Ion Ratio Lower Upper
252 100
253 39.2 36.6 55.0
125 18.9 16.2 24.4

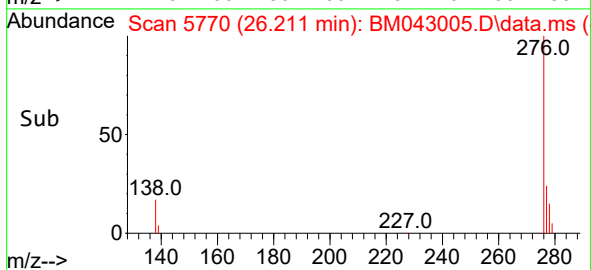
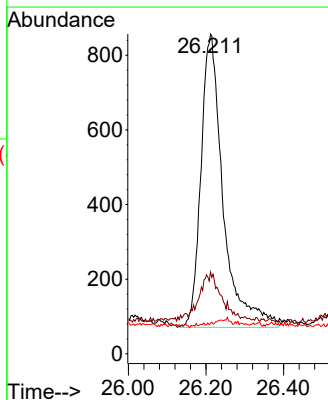
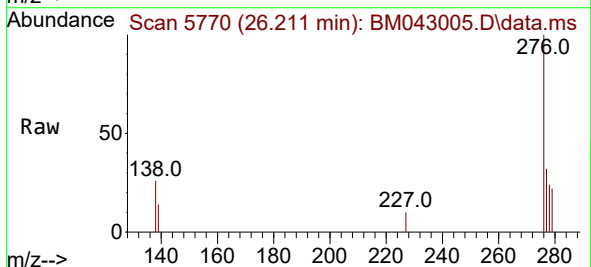
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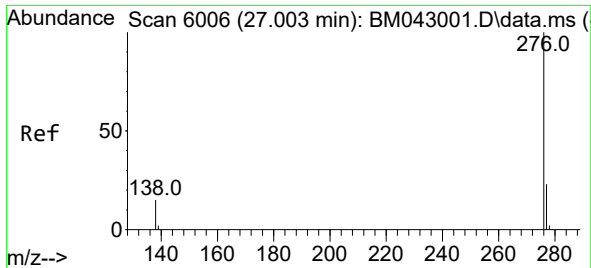
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.199 ng/ul
RT: 26.211 min Scan# 5770
Delta R.T. -0.027 min
Lab File: BM043005.D
Acq: 25 Nov 2023 07:50

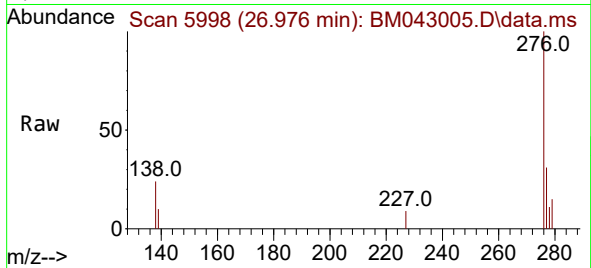
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Ion Ratio Lower Upper
276 100
138 18.5 0.0 0.0#
227 0.3 0.2 0.2#





#29
Benzo(g,h,i)perylene
Concen: 0.233 ng/ul
RT: 26.976 min Scan# 5998
Delta R.T. -0.034 min
Lab File: BM043005.D
Acq: 25 Nov 2023 07:50

Instrument :
BNA_M
ClientSampleId :
DCKQ8



Tgt Ion:276 Resp: 3548
Ion Ratio Lower Upper
276 100
138 23.7 17.8 26.8
277 30.7 23.8 35.8

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