

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043006.D
 Acq On : 25 Nov 2023 08:26
 Operator : MA/JU
 Sample : 05261-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKQ9

Manual Integrations
 APPROVED

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

Quant Time: Nov 27 02:42:26 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	1238m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.607	136	3758	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.456	164	2392m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.213	188	5050	0.400	ng/ul	-0.02
17) Chrysene-d12	21.403	240	3192	0.400	ng/ul	-0.02
23) Perylene-d12	23.756	264	2319m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	3232	1.701	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.207	152	879	0.175	ng/ul	-0.04
18) Fluoranthene-d10	19.244	212	2109	0.181	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.662	128	210	0.021	ng/ul#	49
7) 2-Methylnaphthalene	12.278	142	124	0.021	ng/ul	97
10) Acenaphthylene	14.183	152	590	0.048	ng/ul#	83
15) Phenanthrene	17.255	178	1398	0.097	ng/ul	95
19) Fluoranthene	19.272	202	4085	0.226	ng/ul	98
20) Pyrene	19.634	202	4736m	0.246	ng/ul	
21) Benzo(a)anthracene	21.388	228	2254	0.218	ng/ul	94
22) Chrysene	21.441	228	2371	0.123	ng/ul	94
24) Benzo(b)fluoranthene	23.031	252	2662	0.340	ng/ul	80
25) Benzo(k)fluoranthene	23.077	252	1125m	0.104	ng/ul	
26) Benzo(a)pyrene	23.642	252	1533	0.179	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.215	276	1403	0.121	ng/ul#	100
29) Benzo(g,h,i)perylene	26.976	276	1485	0.132	ng/ul#	85

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

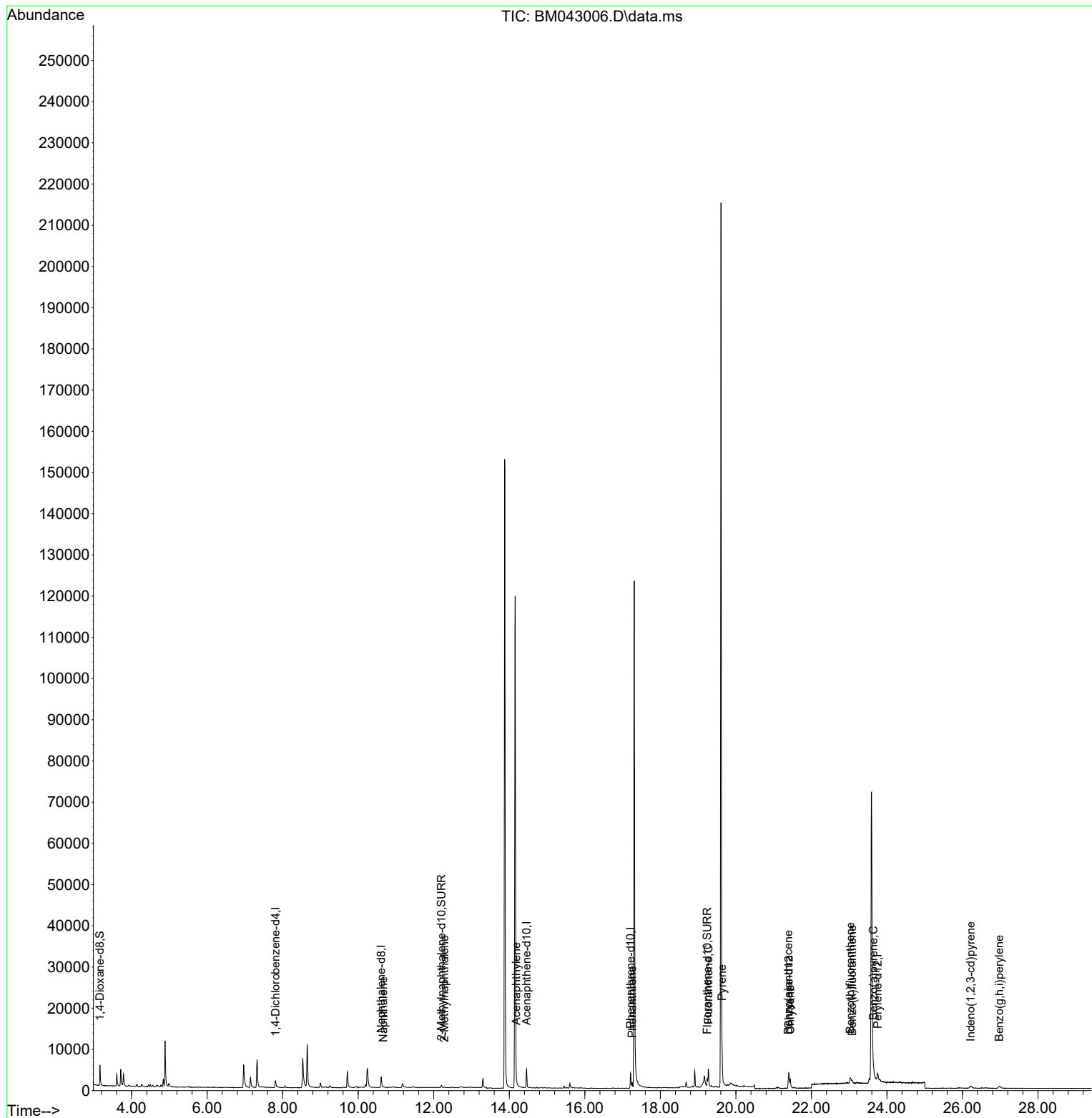
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043006.D
Acq On : 25 Nov 2023 08:26
Operator : MA/JU
Sample : 05261-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

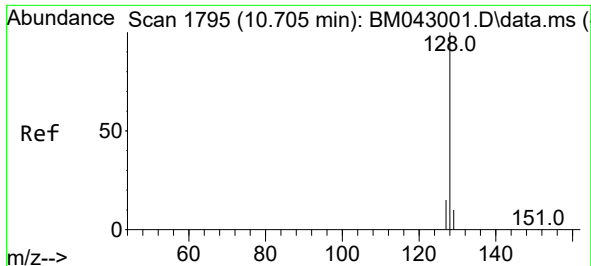
Instrument :
BNA_M
ClientSampleId :
DCKQ9

Manual Integrations
APPROVED

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

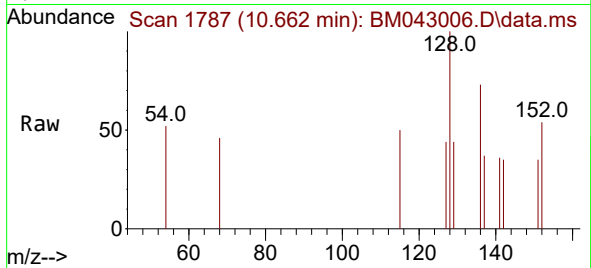
Quant Time: Nov 27 02:42:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.662 min Scan# 1795
Delta R.T. -0.037 min
Lab File: BM043006.D
Acq: 25 Nov 2023 08:26

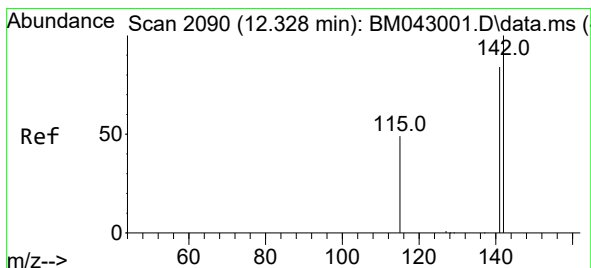
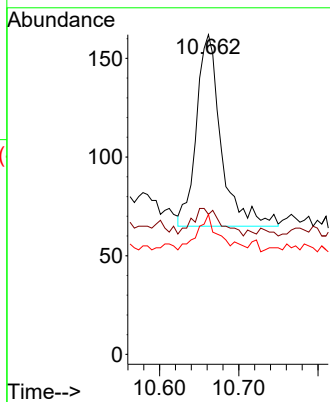
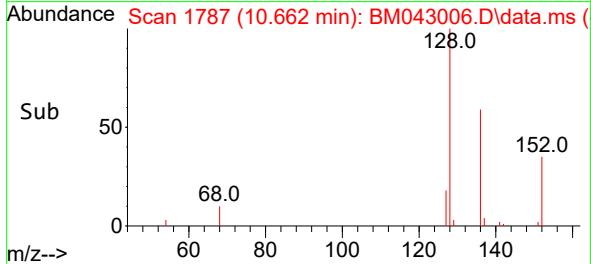
Instrument :
BNA_M
ClientSampleId :
DCKQ9



Tgt Ion:128 Resp: 210
Ion Ratio Lower Upper
128 100
129 43.8 16.0 24.0
127 43.8 16.5 24.7

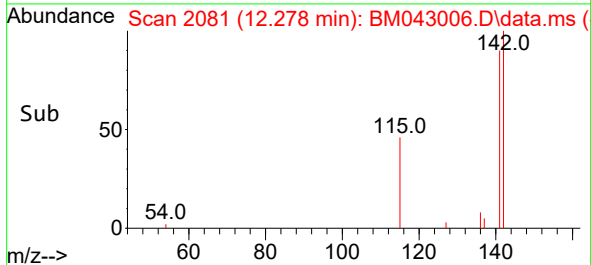
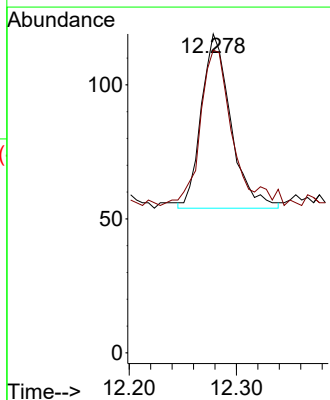
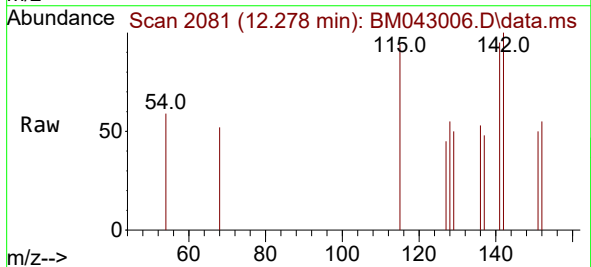
Manual Integrations
APPROVED

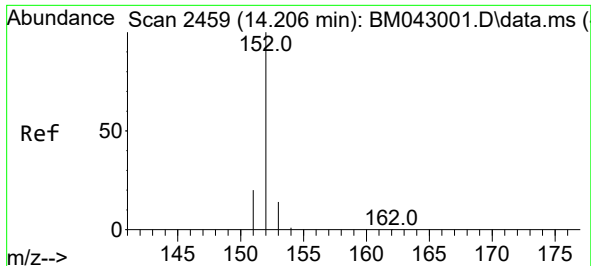
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.278 min Scan# 2081
Delta R.T. -0.053 min
Lab File: BM043006.D
Acq: 25 Nov 2023 08:26

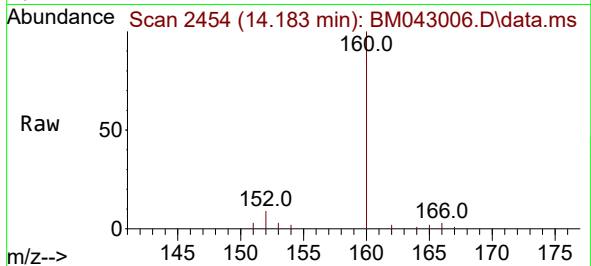
Tgt Ion:142 Resp: 124
Ion Ratio Lower Upper
142 100
141 98.4 76.1 114.1





#10
Acenaphthylene
Concen: 0.048 ng/ul
RT: 14.183 min Scan# 2454
Delta R.T. -0.022 min
Lab File: BM043006.D
Acq: 25 Nov 2023 08:26

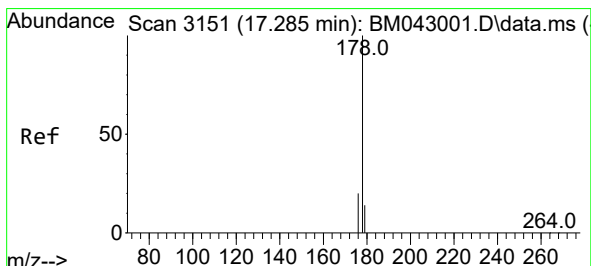
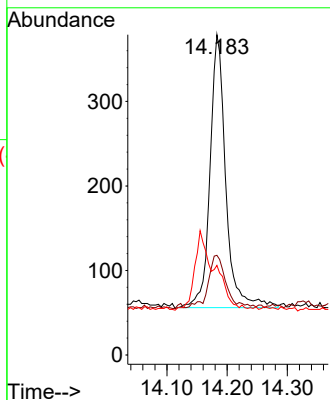
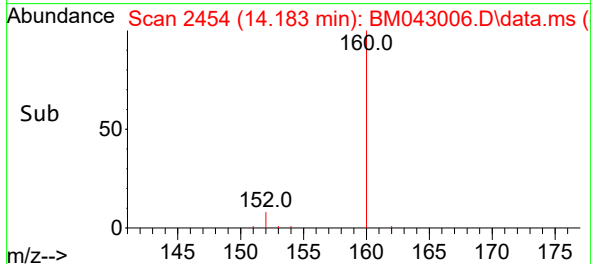
Instrument :
BNA_M
ClientSampleId :
DCKQ9



Tgt Ion:152 Resp: 590
Ion Ratio Lower Upper
152 100
151 31.1 19.4 29.0
153 28.0 14.6 21.8

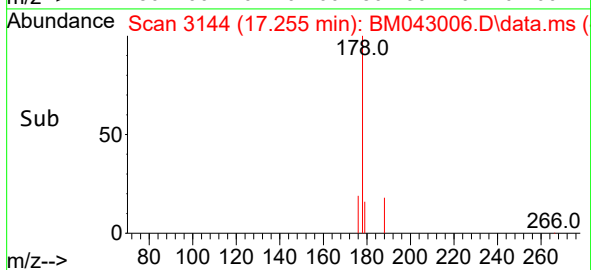
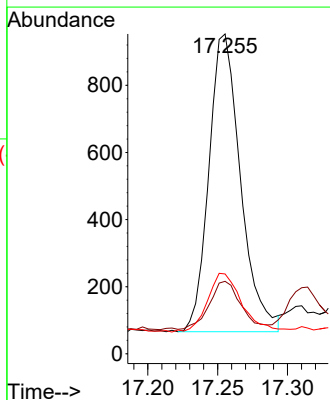
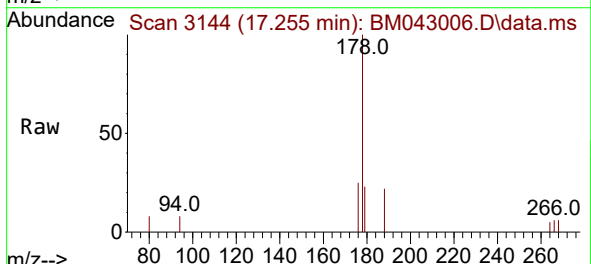
Manual Integrations
APPROVED

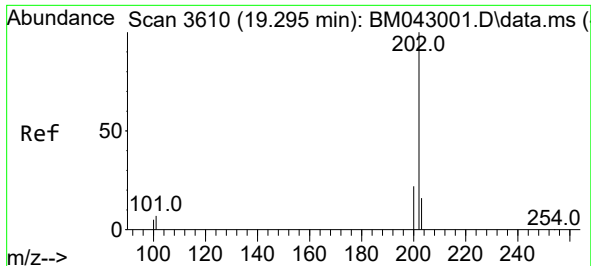
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#15
Phenanthrene
Concen: 0.097 ng/ul
RT: 17.255 min Scan# 3144
Delta R.T. -0.024 min
Lab File: BM043006.D
Acq: 25 Nov 2023 08:26

Tgt Ion:178 Resp: 1398
Ion Ratio Lower Upper
178 100
179 22.7 15.7 23.5
176 25.0 18.9 28.3





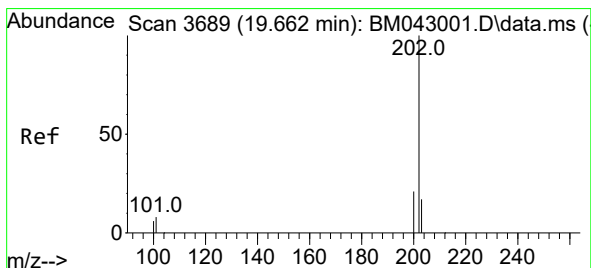
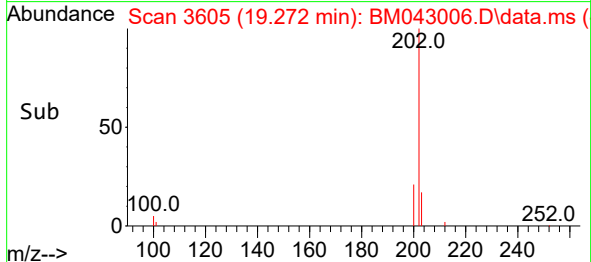
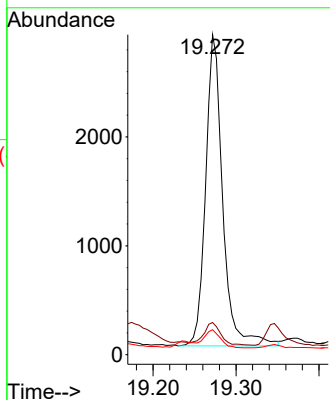
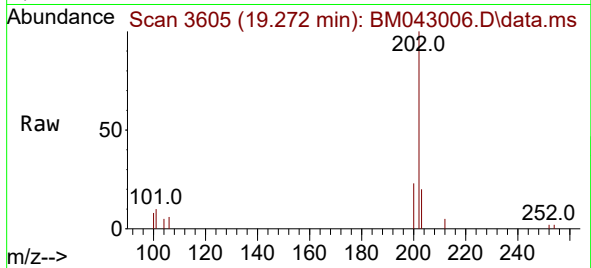
#19
Fluoranthene
Concen: 0.226 ng/ul
RT: 19.272 min Scan# 3605
Delta R.T. -0.022 min
Lab File: BM043006.D
Acq: 25 Nov 2023 08:26

Instrument :
BNA_M
ClientSampleId :
DCKQ9

Tgt Ion:202 Resp: 4085
Ion Ratio Lower Upper
202 100
101 10.1 7.8 11.8
100 7.8 7.1 10.7

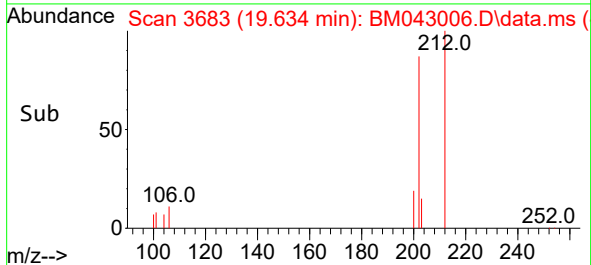
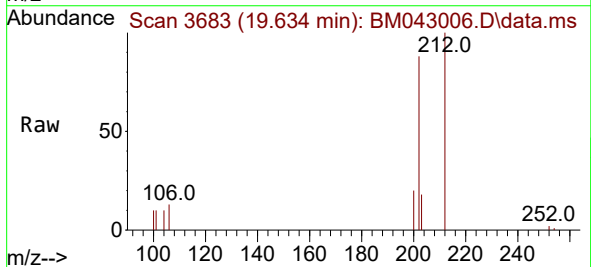
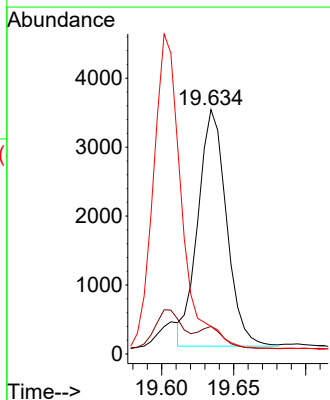
Manual Integrations
APPROVED

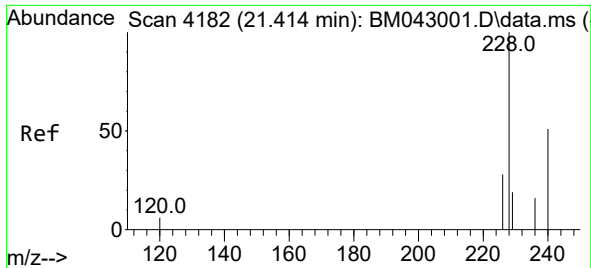
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#20
Pyrene
Concen: 0.246 ng/ul m
RT: 19.634 min Scan# 3683
Delta R.T. -0.026 min
Lab File: BM043006.D
Acq: 25 Nov 2023 08:26

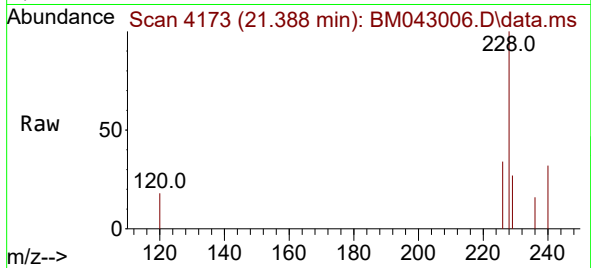
Tgt Ion:202 Resp: 4736
Ion Ratio Lower Upper
202 100
101 11.3 8.7 13.1
100 11.3 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.218 ng/ul
RT: 21.388 min Scan# 4182
Delta R.T. -0.024 min
Lab File: BM043006.D
Acq: 25 Nov 2023 08:26

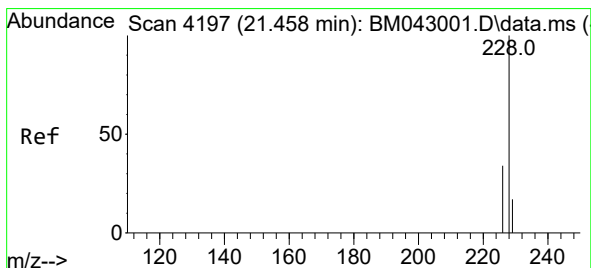
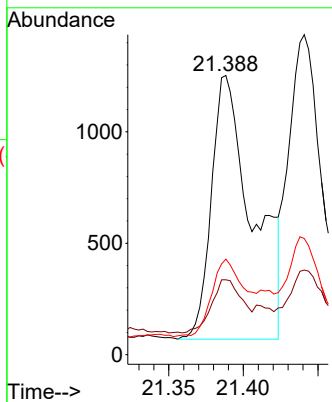
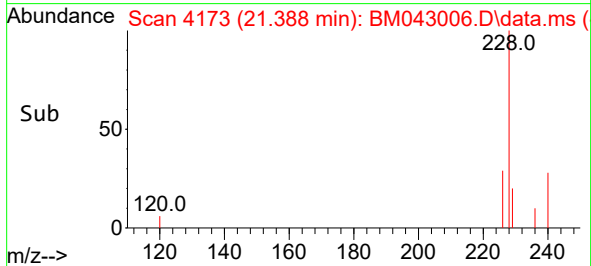
Instrument :
BNA_M
ClientSampleId :
DCKQ9



Tgt Ion:228 Resp: 2254
Ion Ratio Lower Upper
228 100
229 26.8 19.4 29.0
226 34.2 24.9 37.3

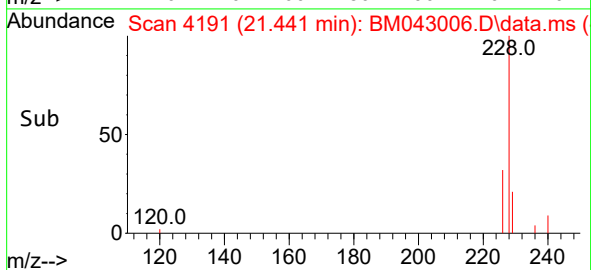
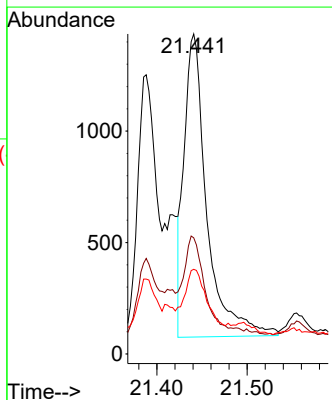
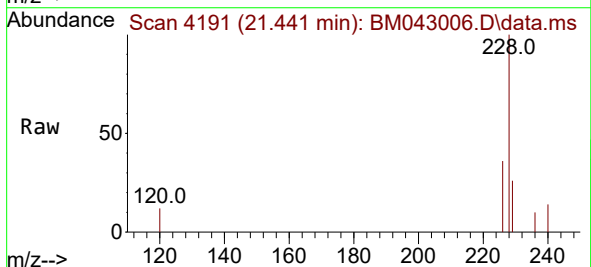
Manual Integrations
APPROVED

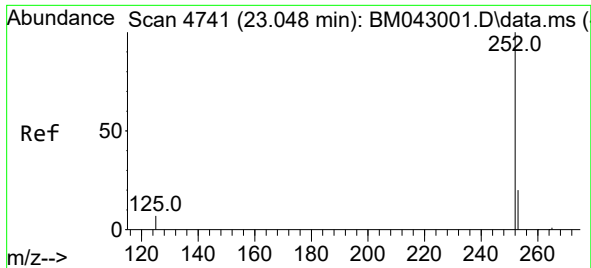
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#22
Chrysene
Concen: 0.123 ng/ul
RT: 21.441 min Scan# 4191
Delta R.T. -0.018 min
Lab File: BM043006.D
Acq: 25 Nov 2023 08:26

Tgt Ion:228 Resp: 2371
Ion Ratio Lower Upper
228 100
226 36.3 27.2 40.8
229 26.5 18.0 27.0





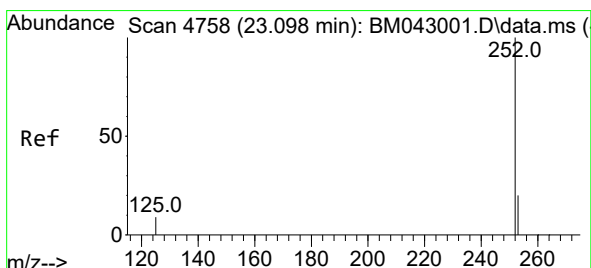
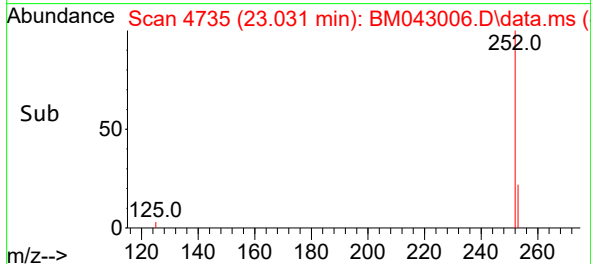
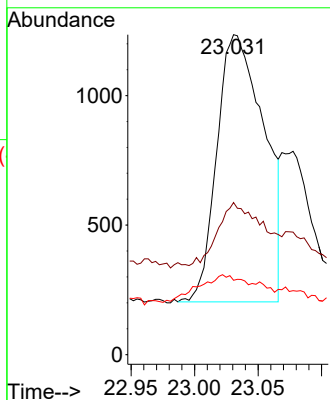
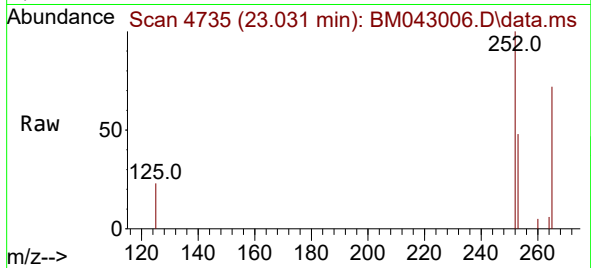
#24
Benzo(b)fluoranthene
Concen: 0.340 ng/ul
RT: 23.031 min Scan# 4735
Delta R.T. -0.021 min
Lab File: BM043006.D
Acq: 25 Nov 2023 08:26

Instrument :
BNA_M
ClientSampleId :
DCKQ9

Tgt Ion:252 Resp: 266
Ion Ratio Lower Upper
252 100
253 47.5 0.0 71.8
125 23.2 0.0 29.0

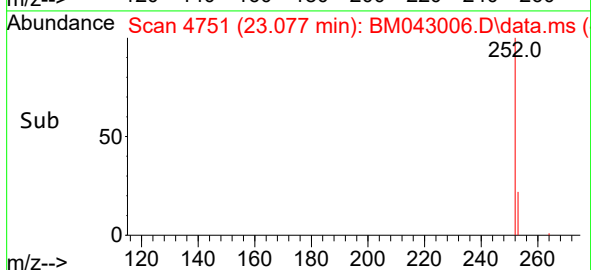
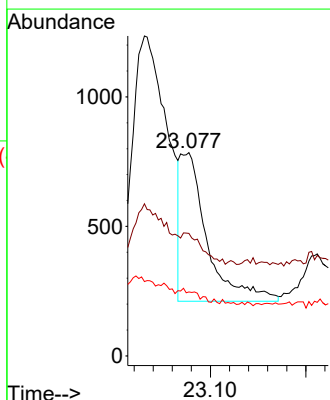
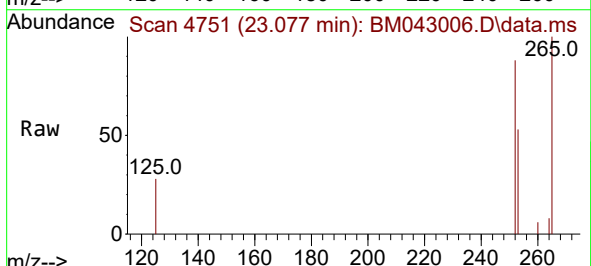
Manual Integrations
APPROVED

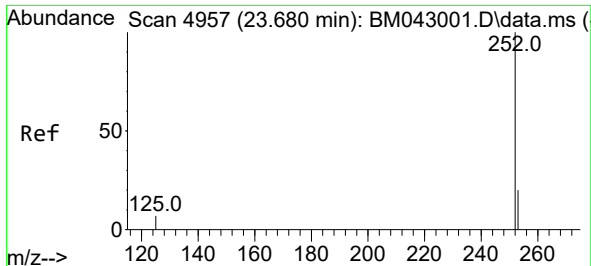
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#25
Benzo(k)fluoranthene
Concen: 0.104 ng/ul m
RT: 23.077 min Scan# 4751
Delta R.T. -0.021 min
Lab File: BM043006.D
Acq: 25 Nov 2023 08:26

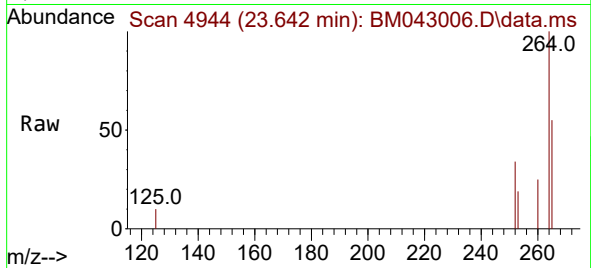
Tgt Ion:252 Resp: 1125
Ion Ratio Lower Upper
252 100
253 60.3 28.2 42.2#
125 31.5 11.0 16.6#





#26
Benzo(a)pyrene
Concen: 0.179 ng/ul
RT: 23.642 min Scan# 4957
Delta R.T. -0.044 min
Lab File: BM043006.D
Acq: 25 Nov 2023 08:26

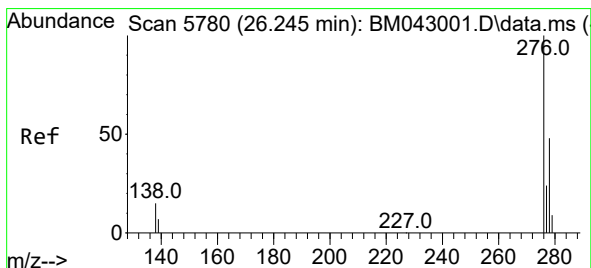
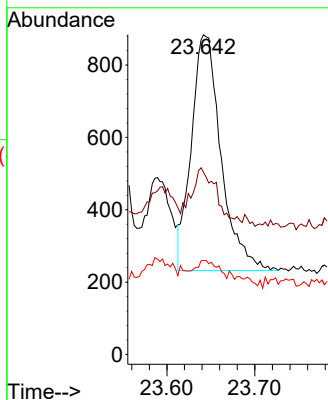
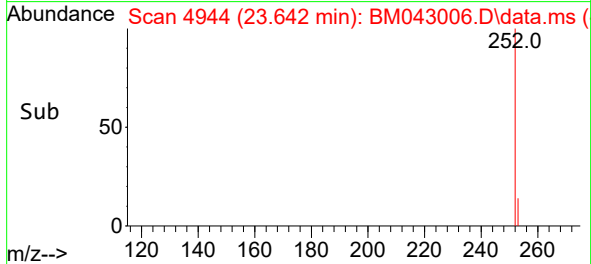
Instrument :
BNA_M
ClientSampleId :
DCKQ9



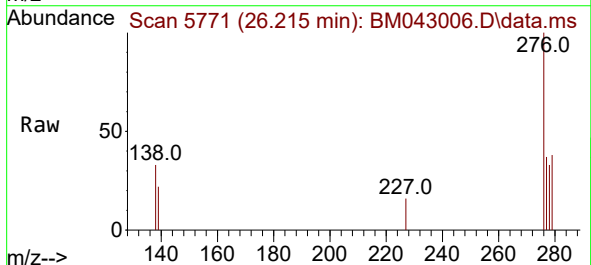
Tgt Ion:252 Resp: 153
Ion Ratio Lower Upper
252 100
253 56.9 36.6 55.0#
125 29.4 16.2 24.4#

Manual Integrations
APPROVED

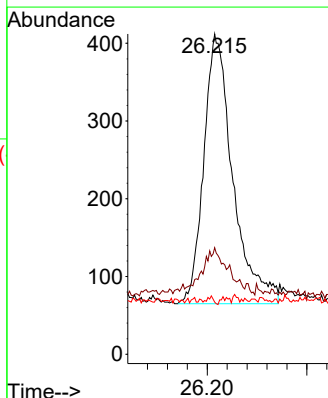
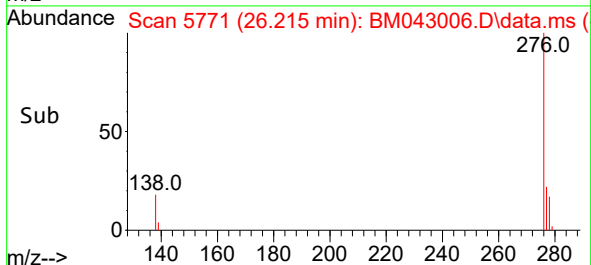
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

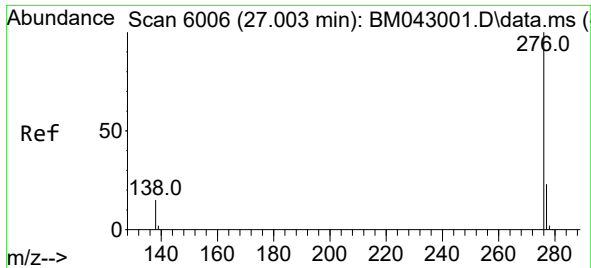


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.121 ng/ul
RT: 26.215 min Scan# 5771
Delta R.T. -0.024 min
Lab File: BM043006.D
Acq: 25 Nov 2023 08:26



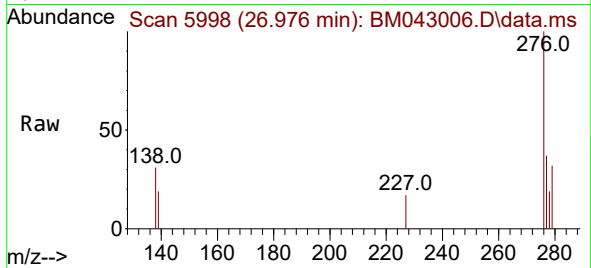
Tgt Ion:276 Resp: 1403
Ion Ratio Lower Upper
276 100
138 15.0 0.0 0.0#
227 0.6 0.2 0.2#





#29
Benzo(g,h,i)perylene
Concen: 0.132 ng/ul
RT: 26.976 min Scan# 5998
Delta R.T. -0.034 min
Lab File: BM043006.D
Acq: 25 Nov 2023 08:26

Instrument :
BNA_M
ClientSampleId :
DCKQ9



Tgt Ion:276 Resp: 1485
Ion Ratio Lower Upper
276 100
138 31.4 17.8 26.8
277 36.7 23.8 35.8

Manual Integrations
APPROVED

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

