

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120423\
 Data File : BM043170.D
 Acq On : 04 Dec 2023 11:10
 Operator : MA/JU
 Sample : 05459-06DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2023
 Supervised By :mohammad ahmed 12/05/2023

Quant Time: Dec 04 11:50:15 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 : Sat Dec 02 23:54:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	800	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.628	136	2284	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.451	164	1401	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	2789	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	1957	0.400	ng/ul	# 0.00
23) Perylene-d12	23.750	264	1780m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	537	0.437	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	166m	0.054	ng/ul	0.04
18) Fluoranthene-d10	19.239	212	436	0.061	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.678	128	285	0.046	ng/ul#	44
7) 2-Methylnaphthalene	12.328	142	134	0.037	ng/ul	96
8) 1-Methylnaphthalene	12.531	142	105	0.026	ng/ul	99
15) Phenanthrene	17.255	178	1613	0.203	ng/ul	97
16) Anthracene	17.348	178	952m	0.126	ng/ul	
19) Fluoranthene	19.267	202	7900	0.712	ng/ul#	93
20) Pyrene	19.629	202	7352	0.623	ng/ul#	95
21) Benzo(a)anthracene	21.391	228	4515	0.711	ng/ul	98
22) Chrysene	21.441	228	5023	0.425	ng/ul	98
24) Benzo(b)fluoranthene	23.028	252	5695	0.948	ng/ul	89
25) Benzo(k)fluoranthene	23.071	252	3203m	0.387	ng/ul	
26) Benzo(a)pyrene	23.645	252	3465	0.529	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.215	276	3023	0.341	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.235	278	689	0.100	ng/ul#	54
29) Benzo(g,h,i)perylene	26.979	276	2903	0.336	ng/ul	97

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

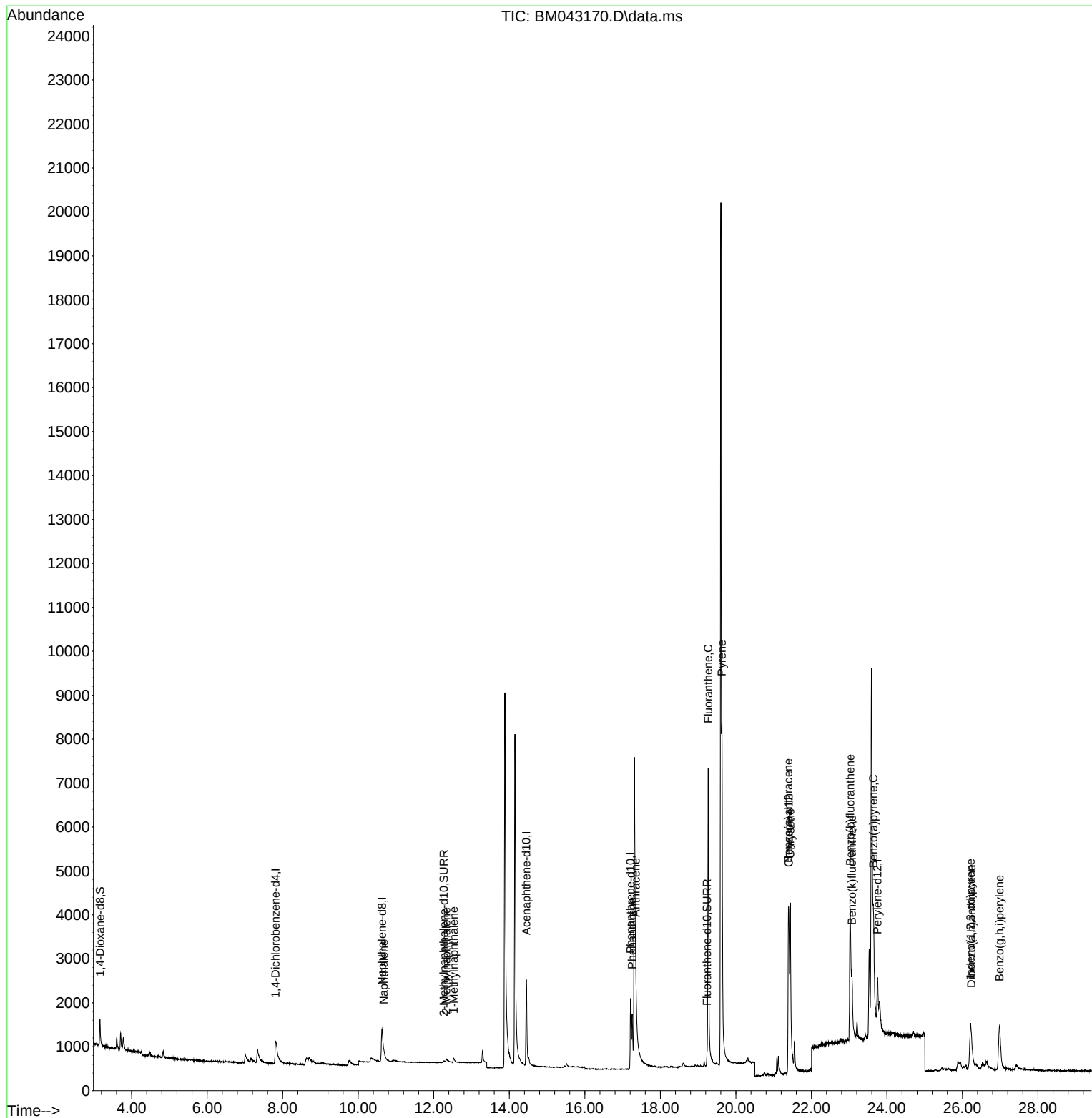
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120423\
Data File : BM043170.D
Acq On : 04 Dec 2023 11:10
Operator : MA/JU
Sample : 05459-06DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

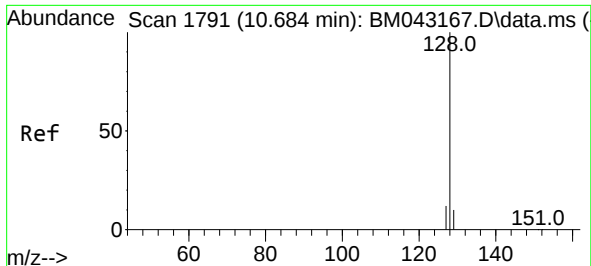
Instrument :
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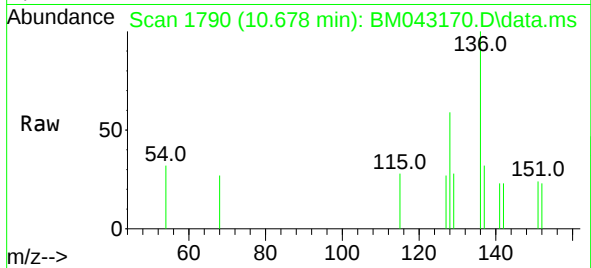
Quant Time: Dec 04 11:50:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 23:54:55 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.046 ng/ul
RT: 10.678 min Scan# 1790
Delta R.T. 0.011 min
Lab File: BM043170.D
Acq: 04 Dec 2023 11:10

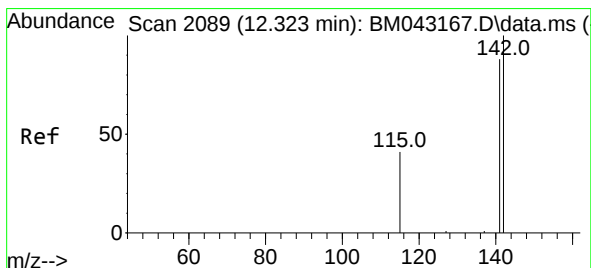
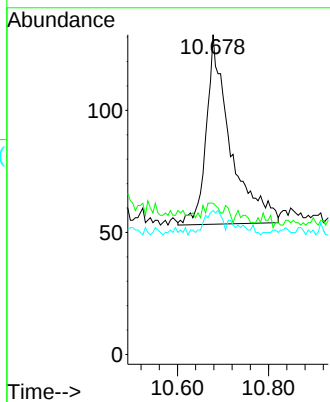
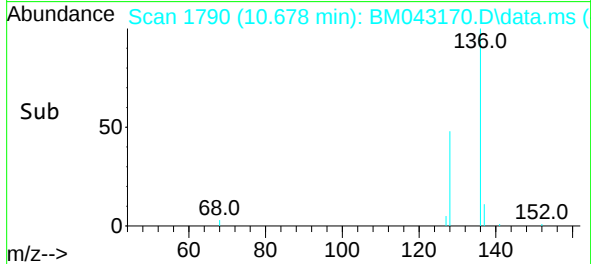
Instrument :
BNA_M
ClientSampleId :
C0AA4DL



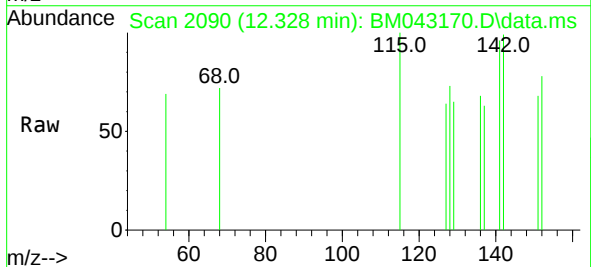
Tgt Ion:128 Resp: 285
Ion Ratio Lower Upper
128 100
129 47.3 16.0 24.0
127 45.0 16.5 24.7

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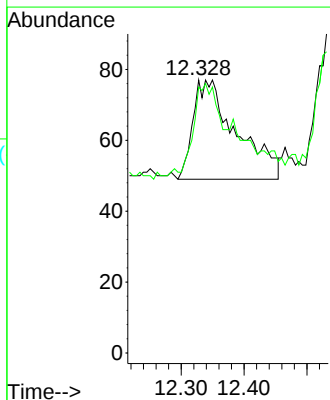
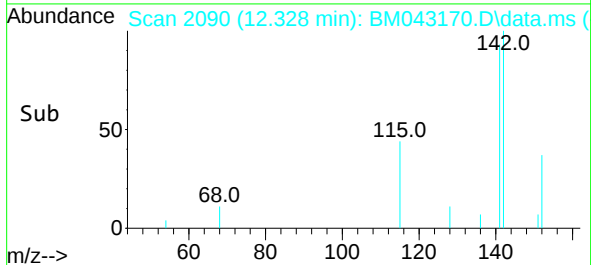
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023

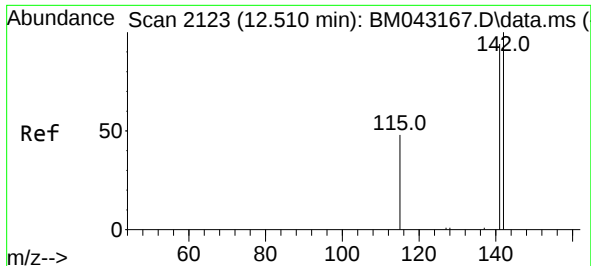


#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.328 min Scan# 2090
Delta R.T. 0.033 min
Lab File: BM043170.D
Acq: 04 Dec 2023 11:10



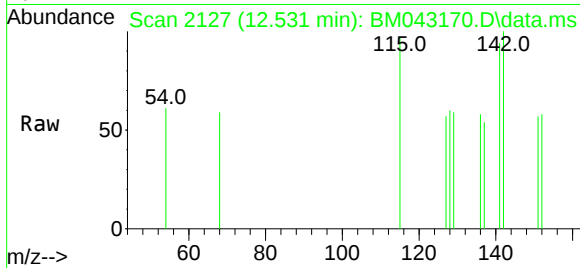
Tgt Ion:142 Resp: 134
Ion Ratio Lower Upper
142 100
141 91.0 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.026 ng/u1
RT: 12.531 min Scan# 2127
Delta R.T. 0.033 min
Lab File: BM043170.D
Acq: 04 Dec 2023 11:10

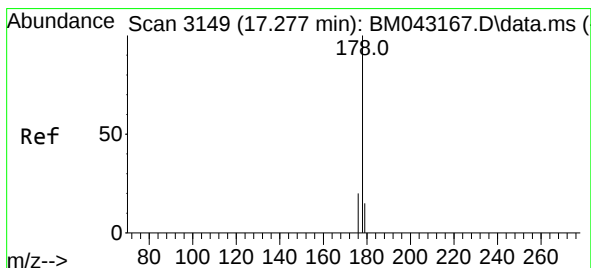
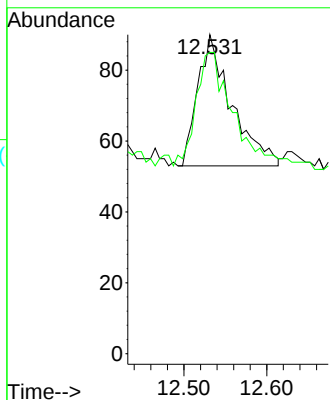
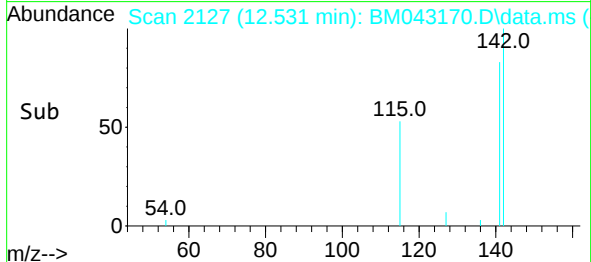
Instrument :
BNA_M
ClientSampleId :
C0AA4DL



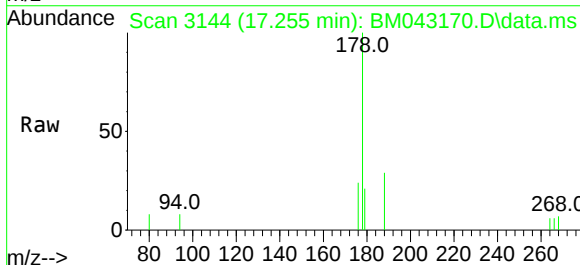
Tgt Ion:142 Resp: 100
Ion Ratio Lower Upper
142 100
141 93.3 73.8 110.8

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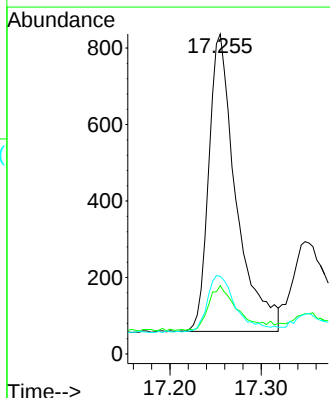
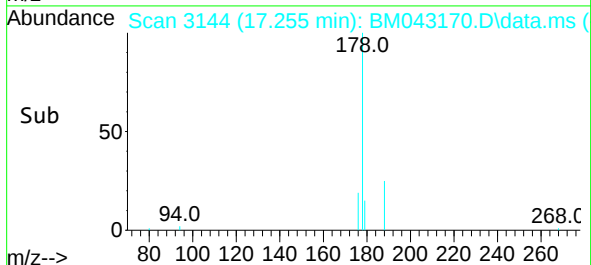
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023

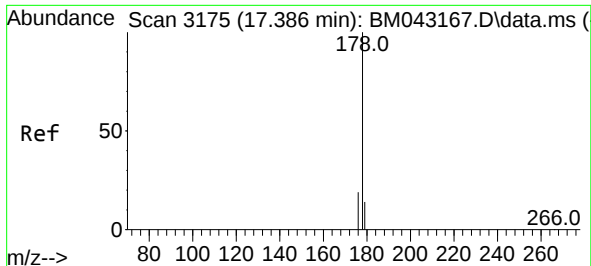


#15
Phenanthrene
Concen: 0.203 ng/u1
RT: 17.255 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM043170.D
Acq: 04 Dec 2023 11:10



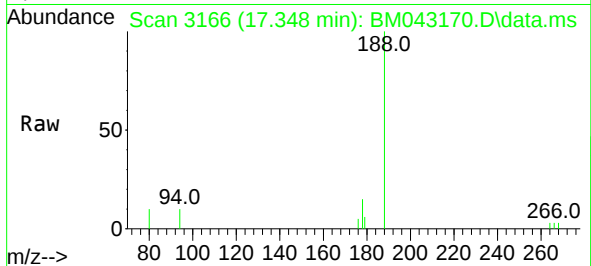
Tgt Ion:178 Resp: 1613
Ion Ratio Lower Upper
178 100
179 21.4 15.7 23.5
176 24.3 18.9 28.3





#16
 Anthracene
 Concen: 0.126 ng/ul m
 RT: 17.348 min Scan# 3175
 Delta R.T. -0.013 min
 Lab File: BM043170.D
 Acq: 04 Dec 2023 11:10

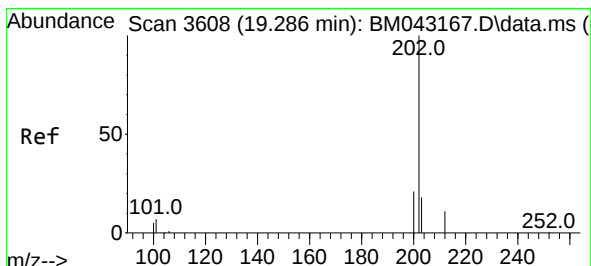
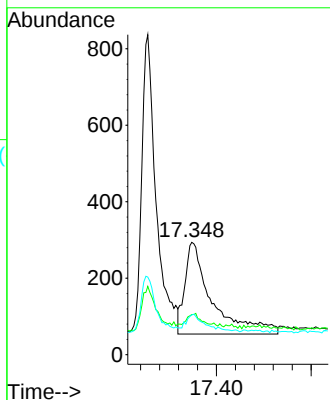
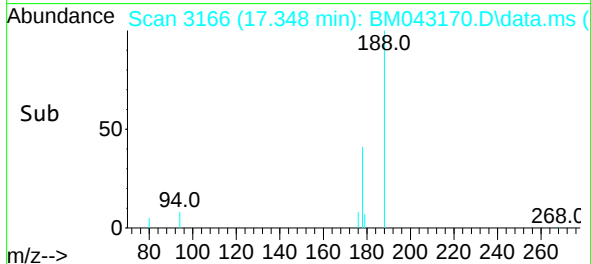
Instrument :
 BNA_M
 ClientSampleId :
 C0AA4DL



Tgt Ion:178 Resp: 952
 Ion Ratio Lower Upper
 178 100
 179 35.7 17.3 25.9#
 176 35.4 20.5 30.7#

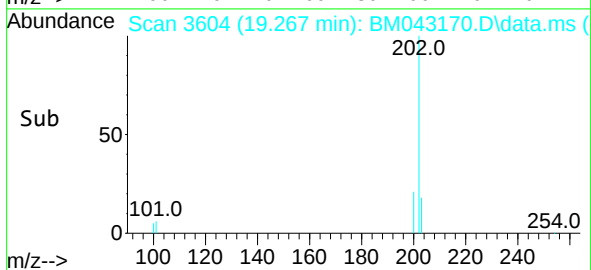
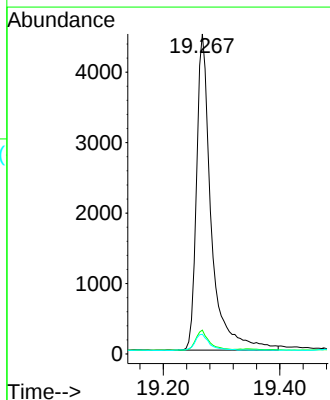
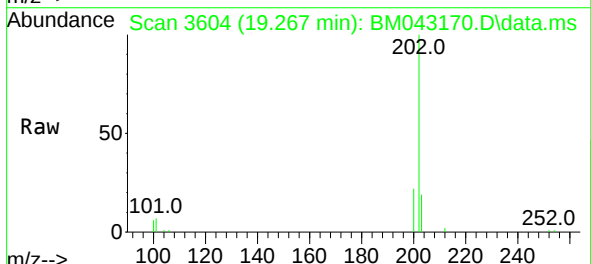
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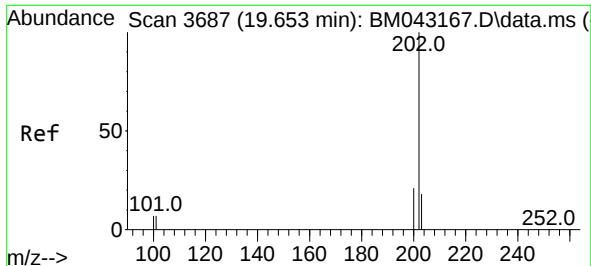
Reviewed By :Yogesh Patel 12/05/2023
 Supervised By :mohammad ahmed 12/05/2023



#19
 Fluoranthene
 Concen: 0.712 ng/ul
 RT: 19.267 min Scan# 3604
 Delta R.T. -0.005 min
 Lab File: BM043170.D
 Acq: 04 Dec 2023 11:10

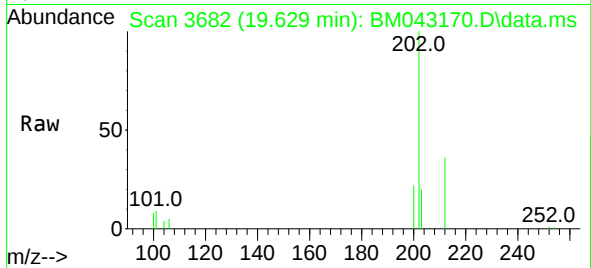
Tgt Ion:202 Resp: 7900
 Ion Ratio Lower Upper
 202 100
 101 7.4 7.8 11.8#
 100 6.2 7.1 10.7#





#20
Pyrene
Concen: 0.623 ng/ul
RT: 19.629 min Scan# 3682
Delta R.T. -0.009 min
Lab File: BM043170.D
Acq: 04 Dec 2023 11:10

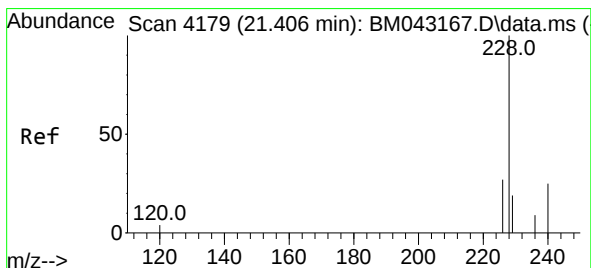
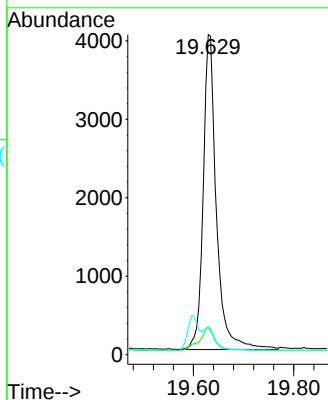
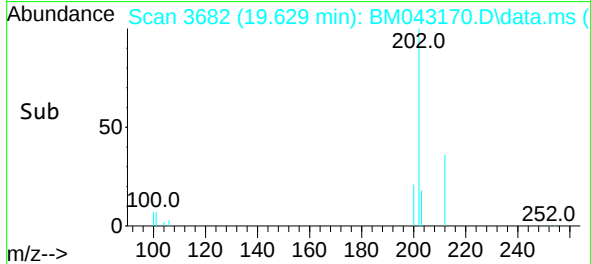
Instrument :
BNA_M
ClientSampleId :
C0AA4DL



Tgt Ion:202 Resp: 7352
Ion Ratio Lower Upper
202 100
101 8.7 8.7 13.1
100 8.2 7.8 11.8

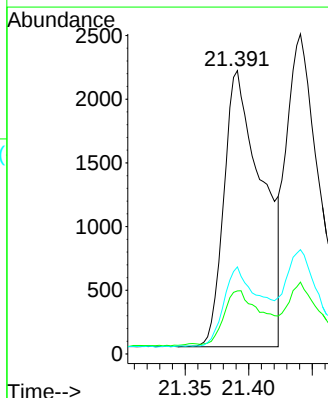
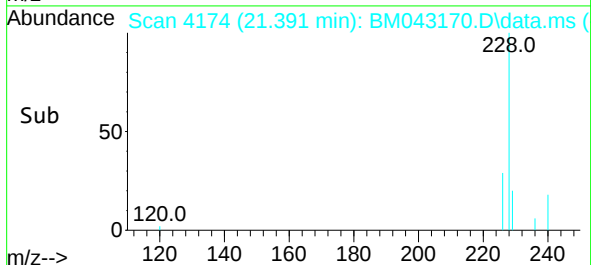
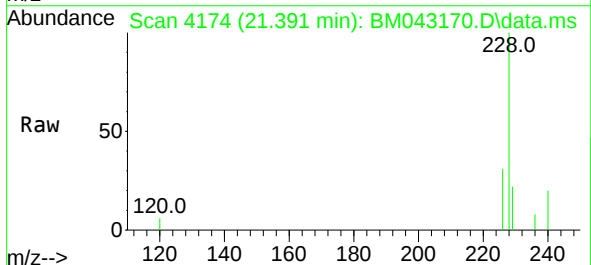
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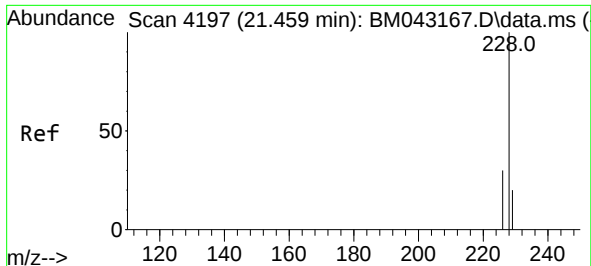
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#21
Benzo(a)anthracene
Concen: 0.711 ng/ul
RT: 21.391 min Scan# 4174
Delta R.T. 0.003 min
Lab File: BM043170.D
Acq: 04 Dec 2023 11:10

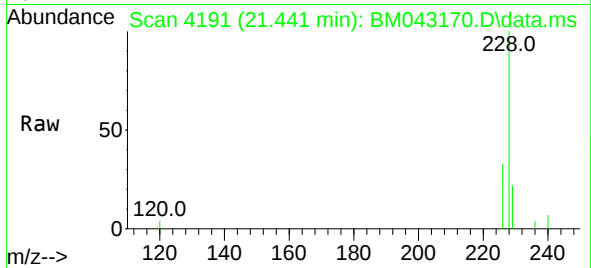
Tgt Ion:228 Resp: 4515
Ion Ratio Lower Upper
228 100
229 22.2 19.4 29.0
226 30.7 24.9 37.3





#22
Chrysene
Concen: 0.425 ng/ul
RT: 21.441 min Scan# 4191
Delta R.T. 0.003 min
Lab File: BM043170.D
Acq: 04 Dec 2023 11:10

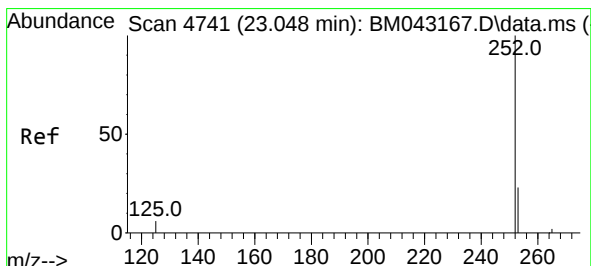
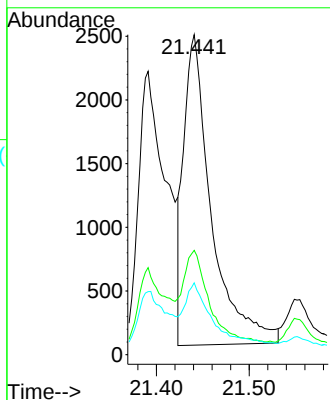
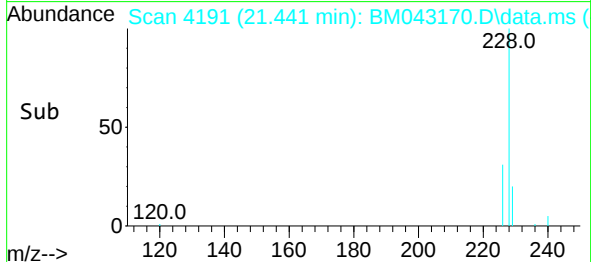
Instrument :
BNA_M
ClientSampleId :
C0AA4DL



Tgt Ion:228 Resp: 502
Ion Ratio Lower Upper
228 100
226 32.6 27.2 40.8
229 22.5 18.0 27.0

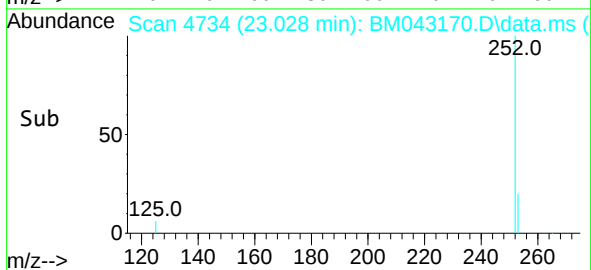
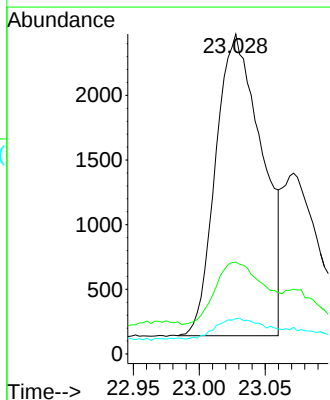
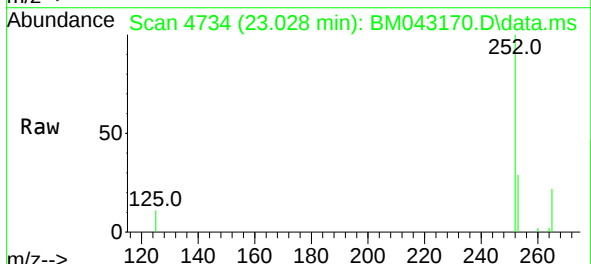
Manual Integrations
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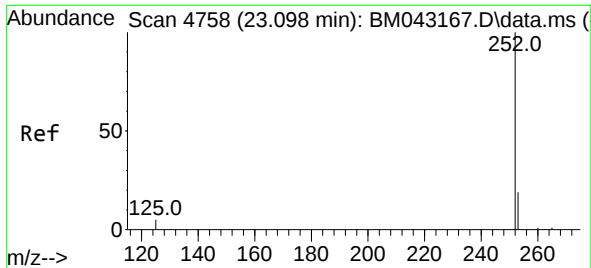
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#24
Benzo(b)fluoranthene
Concen: 0.948 ng/ul
RT: 23.028 min Scan# 4734
Delta R.T. -0.000 min
Lab File: BM043170.D
Acq: 04 Dec 2023 11:10

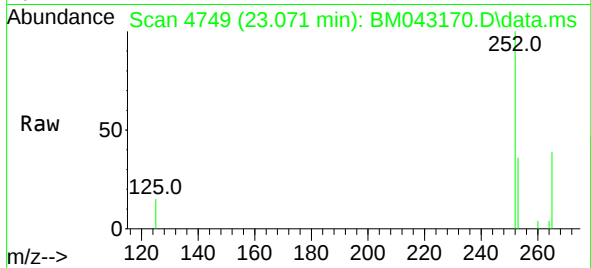
Tgt Ion:252 Resp: 5695
Ion Ratio Lower Upper
252 100
253 28.7 0.0 71.8
125 11.0 0.0 29.0





#25
Benzo(k)fluoranthene
Concen: 0.387 ng/ul m
RT: 23.071 min Scan# 4758
Delta R.T. -0.006 min
Lab File: BM043170.D
Acq: 04 Dec 2023 11:10

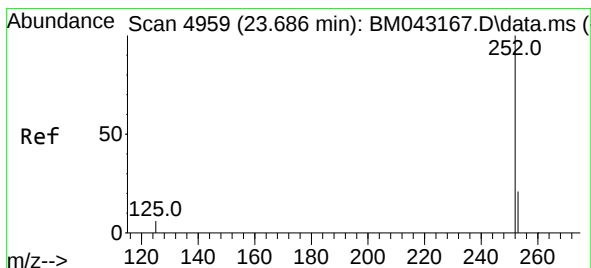
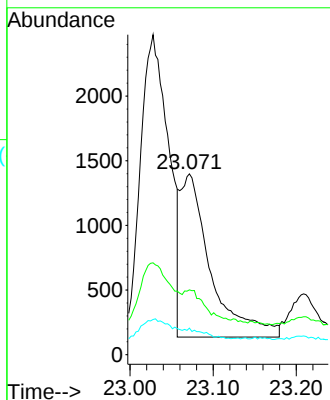
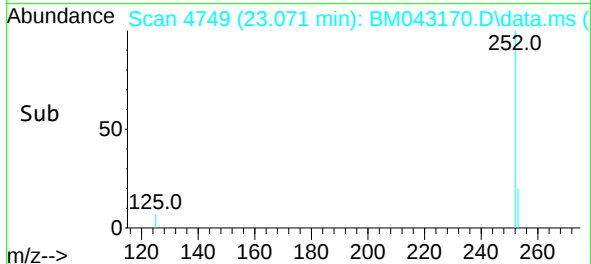
Instrument :
BNA_M
ClientSampleId :
C0AA4DL



Tgt Ion:252 Resp: 320
Ion Ratio Lower Upper
252 100
253 35.8 28.2 42.2
125 14.7 11.0 16.6

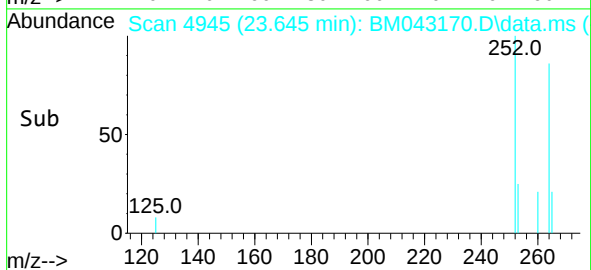
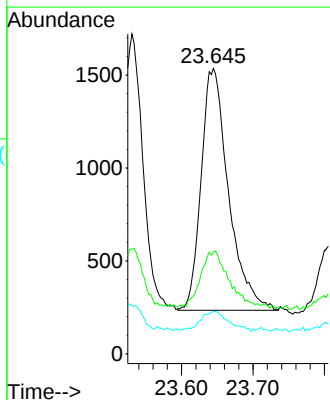
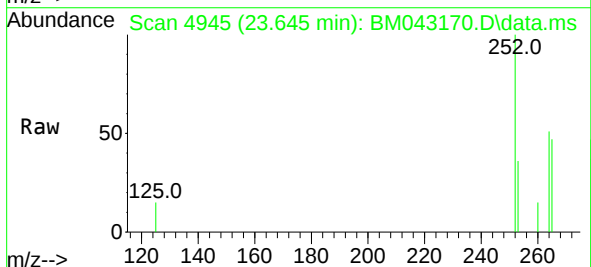
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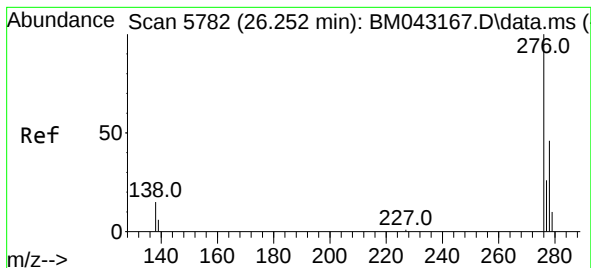
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



#26
Benzo(a)pyrene
Concen: 0.529 ng/ul
RT: 23.645 min Scan# 4945
Delta R.T. -0.006 min
Lab File: BM043170.D
Acq: 04 Dec 2023 11:10

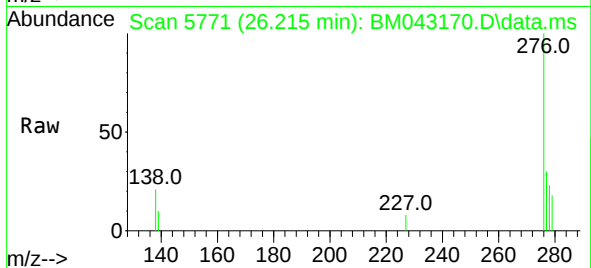
Tgt Ion:252 Resp: 3465
Ion Ratio Lower Upper
252 100
253 35.7 36.6 55.0#
125 14.8 16.2 24.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.341 ng/ul
RT: 26.215 min Scan# 5771
Delta R.T. 0.010 min
Lab File: BM043170.D
Acq: 04 Dec 2023 11:10

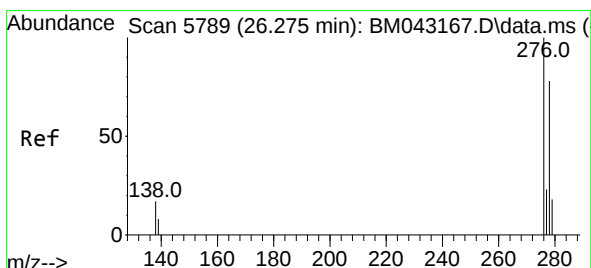
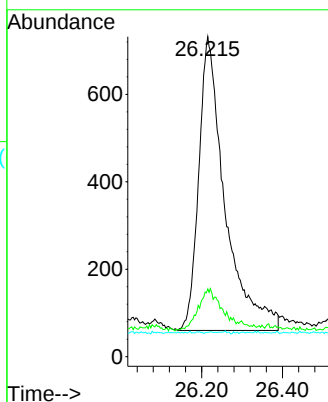
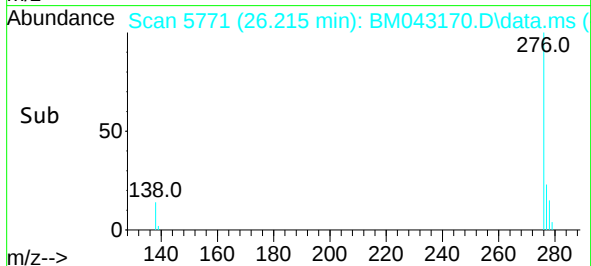
Instrument :
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ClientSampleId :
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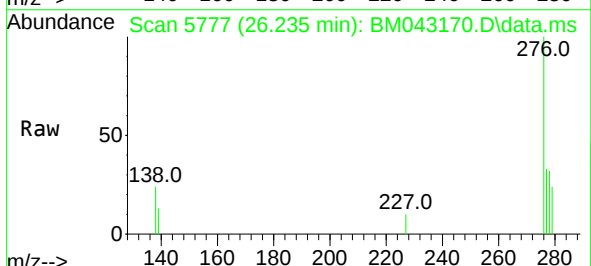
Tgt Ion:276 Resp: 302
Ion Ratio Lower Upper
276 100
138 14.3 0.0 0.0#
227 0.2 0.2 0.2

Manual Integrations
APPROVED

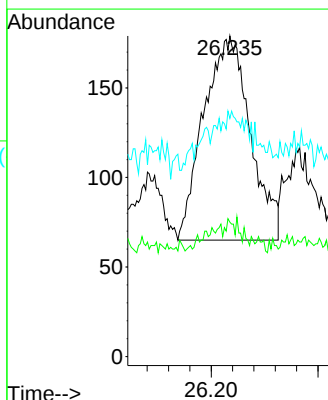
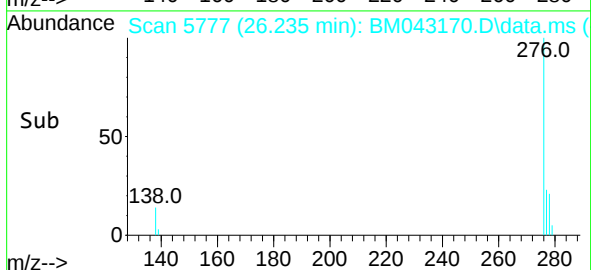
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023

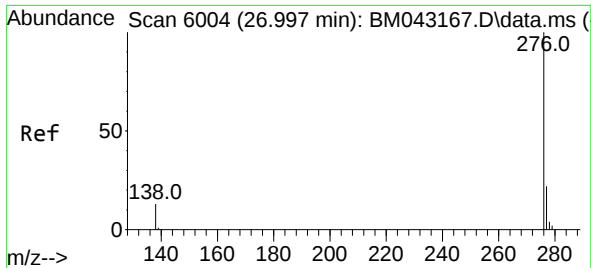


#28
Dibenzo(a,h)anthracene
Concen: 0.100 ng/ul
RT: 26.235 min Scan# 5777
Delta R.T. 0.023 min
Lab File: BM043170.D
Acq: 04 Dec 2023 11:10



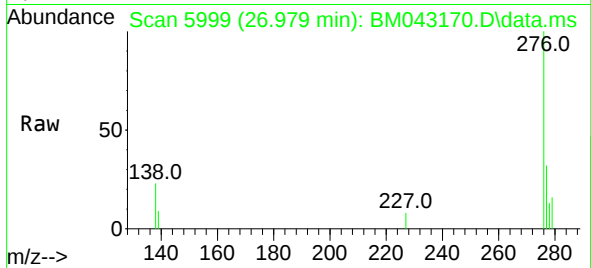
Tgt Ion:278 Resp: 689
Ion Ratio Lower Upper
278 100
139 41.9 18.1 27.1#
279 74.3 34.4 51.6#





#29
 Benzo(g,h,i)perylene
 Concen: 0.336 ng/ul
 RT: 26.979 min Scan# 5999
 Delta R.T. 0.020 min
 Lab File: BM043170.D
 Acq: 04 Dec 2023 11:10

Instrument :
 BNA_M
 ClientSampleId :
 C0AA4DL



Tgt Ion:	276	Resp:	290
Ion Ratio	Lower	Upper	
276	100		
138	22.9	17.8	26.8
277	31.9	23.8	35.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2023
 Supervised By :mohammad ahmed 12/05/2023

