

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072324\
 Data File : BM046779.D
 Acq On : 23 Jul 2024 15:45
 Operator : MA/JU
 Sample : P3201-02DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BY8DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 16:15:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 11:38:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.476	152	3287	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.237	136	9070	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.121	164	9877	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.878	188	13475	0.400	ng/ul	0.00
17) Chrysene-d12	21.088	240	9911	0.400	ng/ul	0.00
23) Perylene-d12	23.218	264	9317	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	1596	0.591	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.837	152	679	0.046	ng/ul	-0.01
18) Fluoranthene-d10	18.917	212	1616	0.054	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	13.839	152	1500	0.033	ng/ul	92
11) Acenaphthene	14.186	153	879	0.029	ng/ul	97
12) Fluorene	15.181	166	1051	0.028	ng/ul#	90
15) Phenanthrene	16.920	178	16468	0.428	ng/ul	99
16) Anthracene	17.009	178	2741	0.073	ng/ul	95
19) Fluoranthene	18.950	202	44733	1.099	ng/ul	98
20) Pyrene	19.312	202	23676	0.537	ng/ul	98
21) Benzo(a)anthracene	21.070	228	17048	0.389	ng/ul	99
22) Chrysene	21.123	228	19785	0.466	ng/ul	98
24) Benzo(b)fluoranthene	22.590	252	25148m	0.676	ng/ul	
25) Benzo(k)fluoranthene	22.628	252	9400m	0.257	ng/ul	
26) Benzo(a)pyrene	23.127	252	5393	0.176	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.326	276	6258	0.134	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.340	278	2833	0.077	ng/ul#	58
29) Benzo(g,h,i)perylene	25.970	276	974	0.026	ng/ul#	39

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

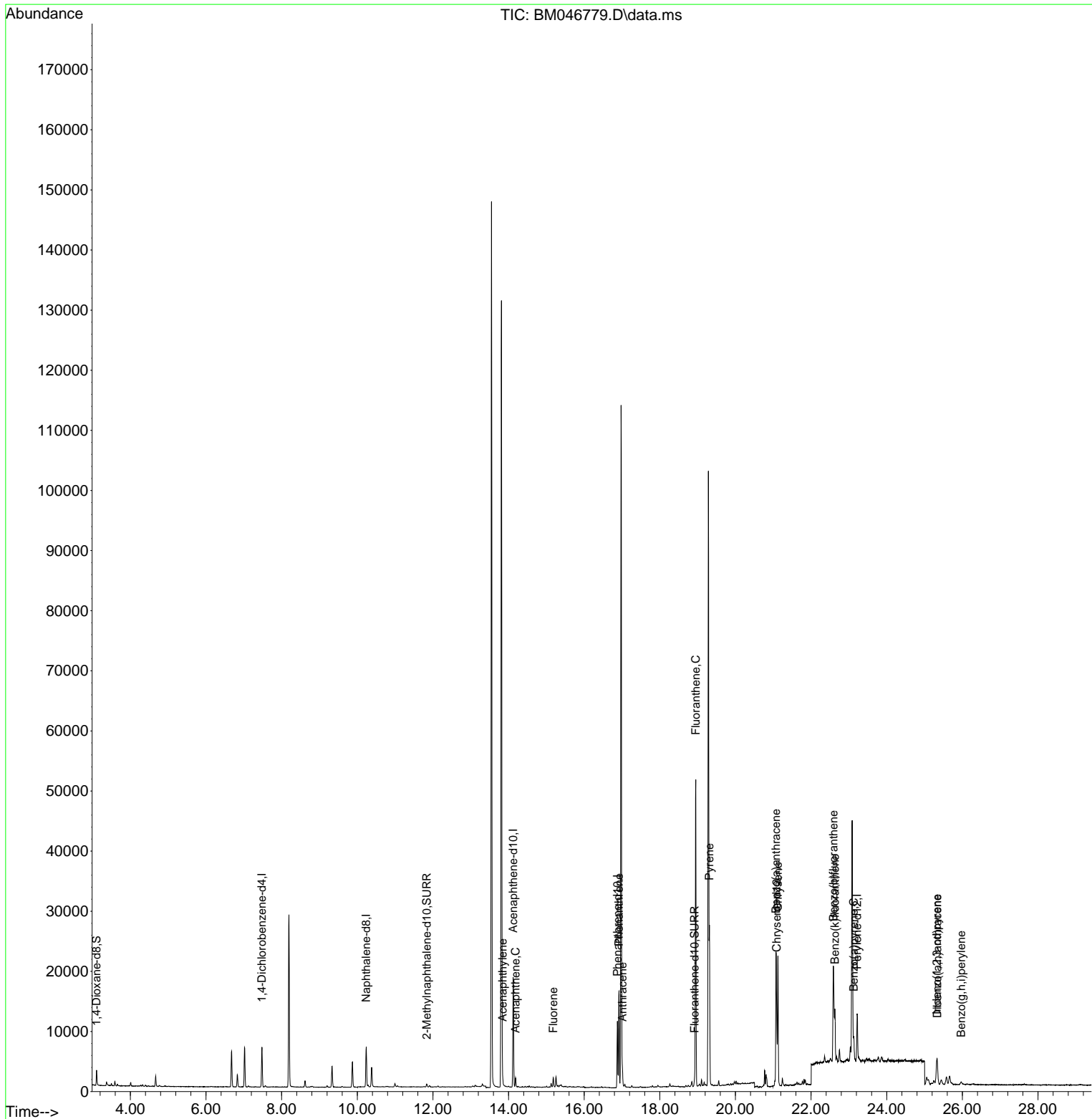
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072324\
 Data File : BM046779.D
 Acq On : 23 Jul 2024 15:45
 Operator : MA/JU
 Sample : P3201-02DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

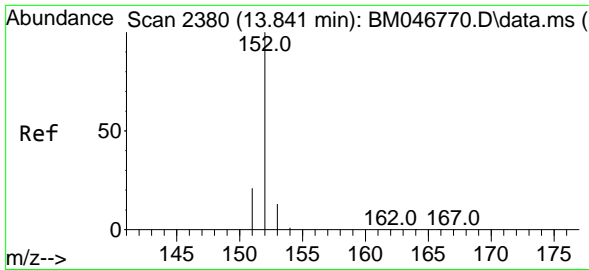
Instrument :
 BNA_M
 ClientSampleId :
 A4BY8DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

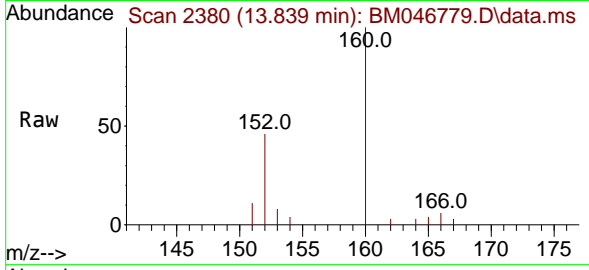
Quant Time: Jul 23 16:15:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 11:38:04 2024
 Response via : Initial Calibration





#10
 Acenaphthylene
 Concen: 0.033 ng/u1
 RT: 13.839 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BM046779.D
 Acq: 23 Jul 2024 15:45

Instrument : BNA_M
 ClientSampleId : A4BY8DL

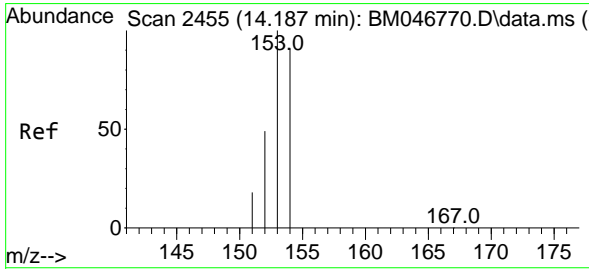
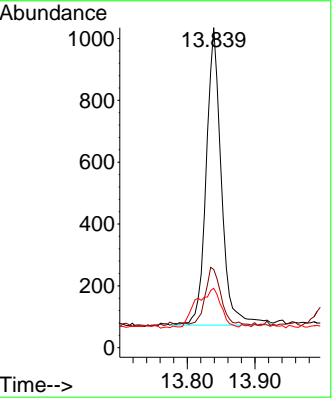
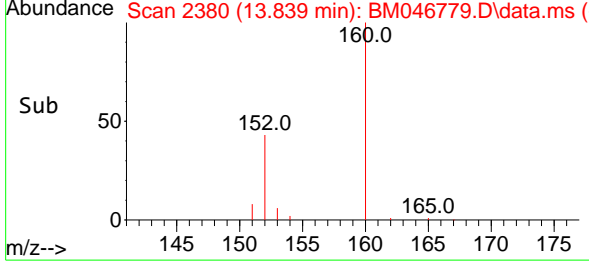


Tgt Ion:152 Resp: 1500

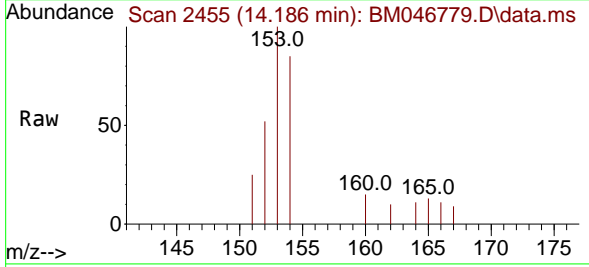
Ion	Ratio	Lower	Upper
152	100		
151	24.4	16.4	24.6
153	18.6	12.4	18.6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

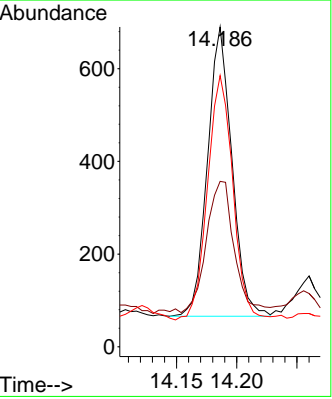
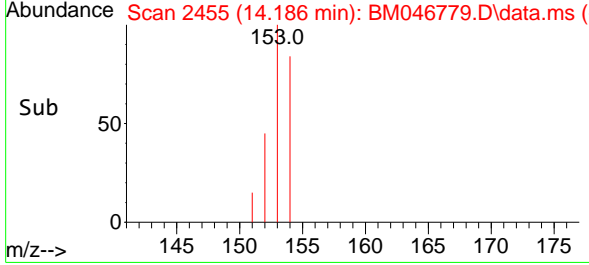


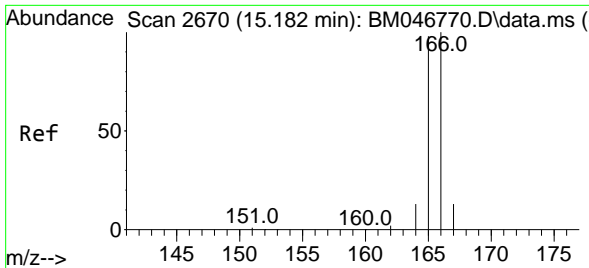
#11
 Acenaphthene
 Concen: 0.029 ng/u1
 RT: 14.186 min Scan# 2455
 Delta R.T. -0.009 min
 Lab File: BM046779.D
 Acq: 23 Jul 2024 15:45



Tgt Ion:153 Resp: 879

Ion	Ratio	Lower	Upper
153	100		
152	51.7	43.0	64.6
154	84.8	69.9	104.9





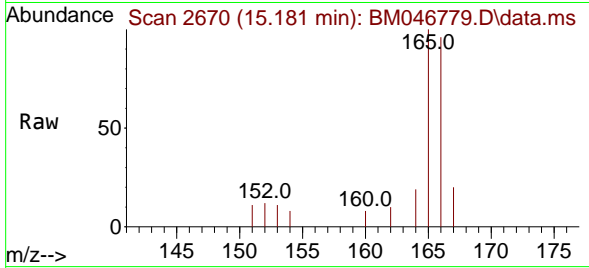
#12
 Fluorene
 Concen: 0.028 ng/u1
 RT: 15.181 min Scan# 20
 Delta R.T. -0.009 min
 Lab File: BM046779.D
 Acq: 23 Jul 2024 15:45

Instrument :

BNA_M

ClientSampleId :

A4BY8DL



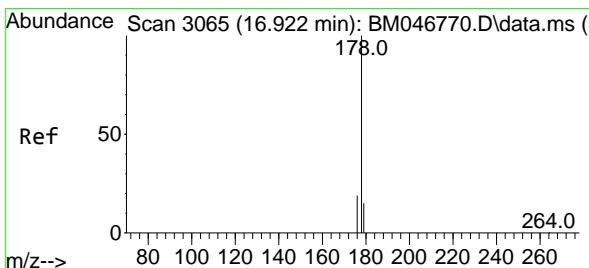
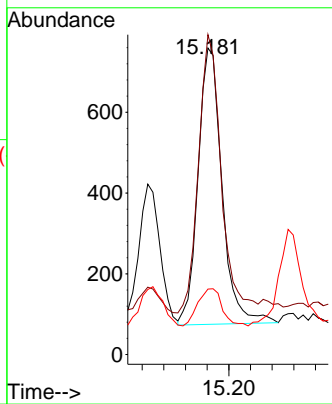
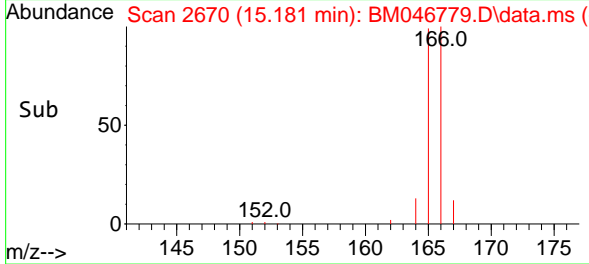
Tgt Ion:166 Resp: 105

Ion	Ratio	Lower	Upper
166	100		
165	104.3	76.1	114.1
167	21.3	12.5	18.7

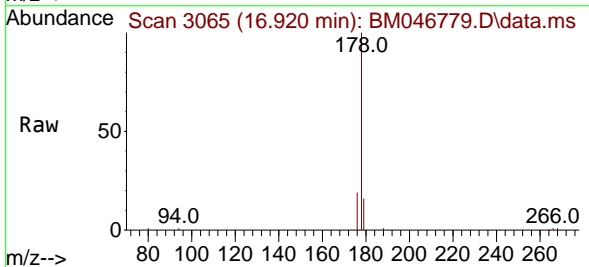
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

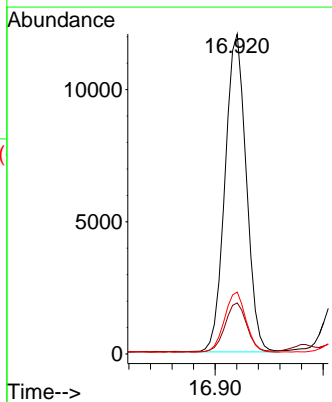
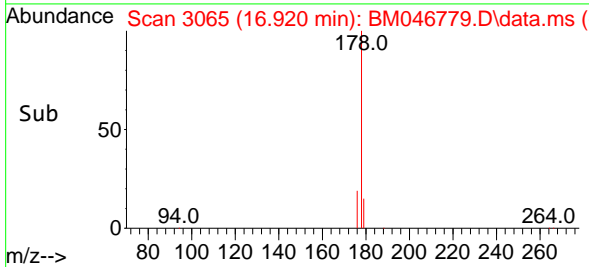


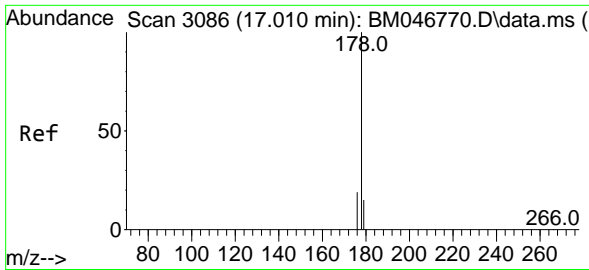
#15
 Phenanthrene
 Concen: 0.428 ng/u1
 RT: 16.920 min Scan# 3065
 Delta R.T. -0.004 min
 Lab File: BM046779.D
 Acq: 23 Jul 2024 15:45



Tgt Ion:178 Resp: 16468

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.1	19.7
176	19.4	16.0	24.0





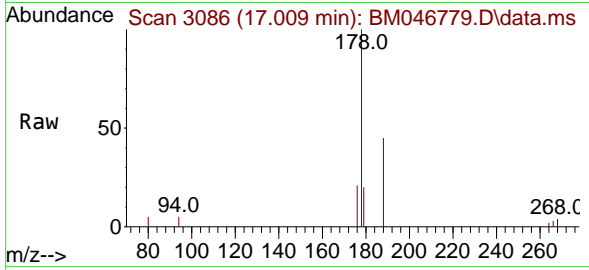
#16
 Anthracene
 Concen: 0.073 ng/u1
 RT: 17.009 min Scan# 3086
 Delta R.T. -0.009 min
 Lab File: BM046779.D
 Acq: 23 Jul 2024 15:45

Instrument :

BNA_M

ClientSampleId :

A4BY8DL

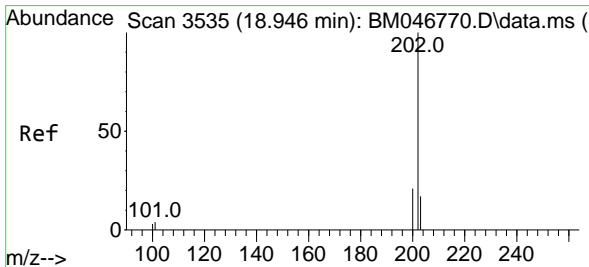
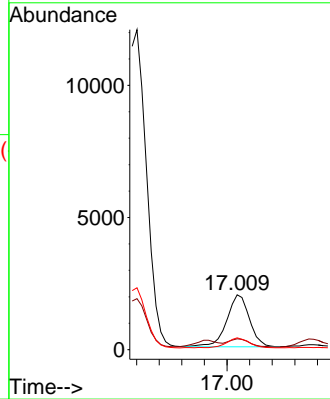
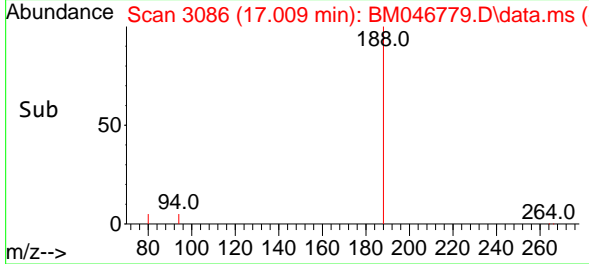


Tgt Ion:178 Resp: 274
 Ion Ratio Lower Upper
 178 100
 179 19.9 13.5 20.3
 176 21.5 15.7 23.5

Manual Integrations

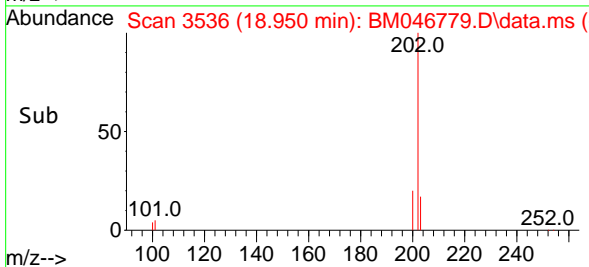
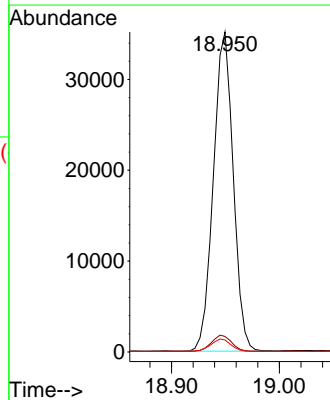
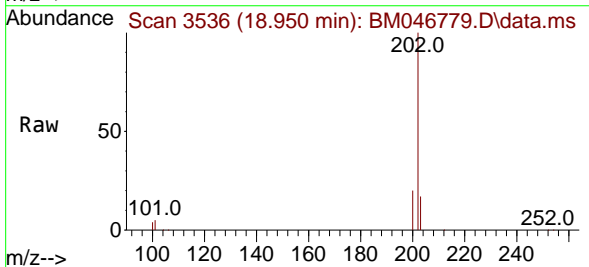
APPROVED

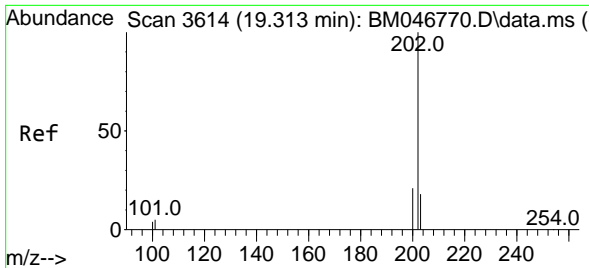
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024



#19
 Fluoranthene
 Concen: 1.099 ng/u1
 RT: 18.950 min Scan# 3536
 Delta R.T. -0.005 min
 Lab File: BM046779.D
 Acq: 23 Jul 2024 15:45

Tgt Ion:202 Resp: 44733
 Ion Ratio Lower Upper
 202 100
 101 4.9 4.6 6.8
 100 3.7 3.0 4.6





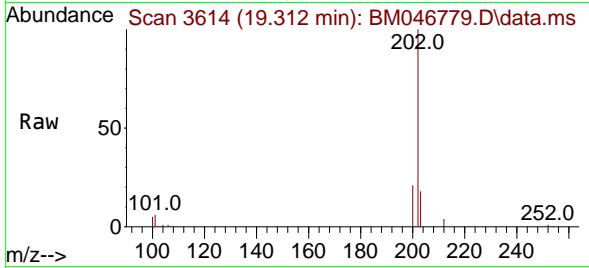
#20
 Pyrene
 Concen: 0.537 ng/uI
 RT: 19.312 min Scan# 3070
 Delta R.T. -0.009 min
 Lab File: BM046779.D
 Acq: 23 Jul 2024 15:45

Instrument :

BNA_M

Client SampleId :

A4BY8DL



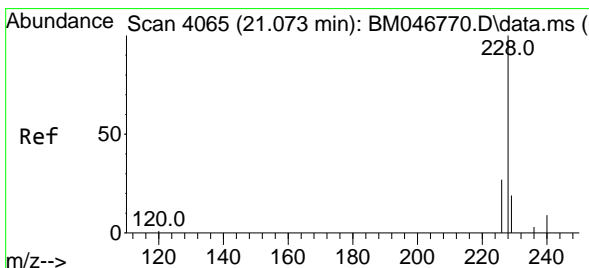
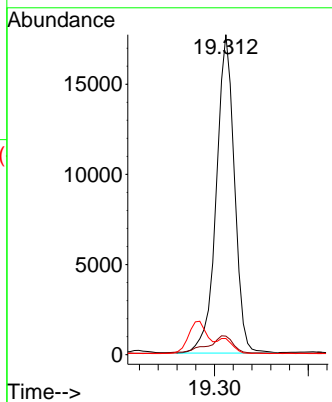
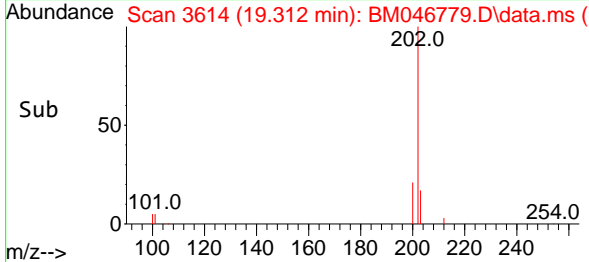
Tgt Ion: 202 Resp: 23670

Ion	Ratio	Lower	Upper
202	100		
101	5.8	5.1	7.7
100	5.1	3.8	5.6

Manual Integrations

APPROVED

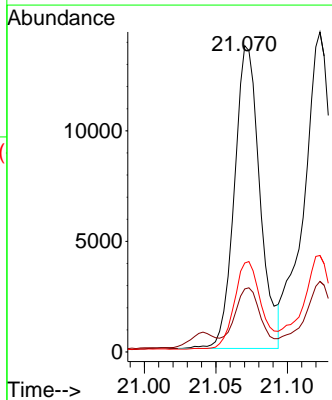
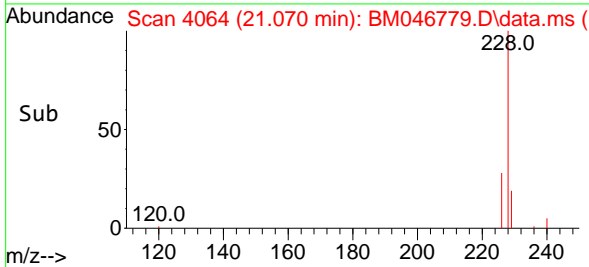
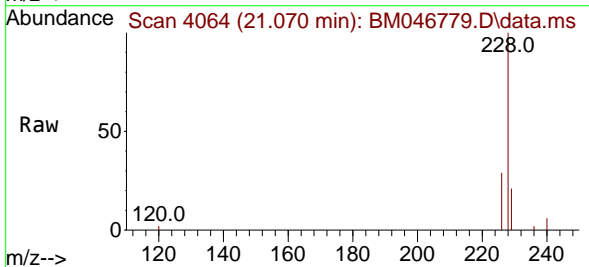
Reviewed By : Jagrut Upadhyay 07/24/2024
 Supervised By : mohammad ahmed 07/25/2024

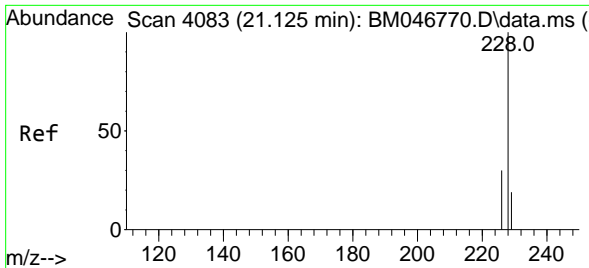


#21
 Benzo(a)anthracene
 Concen: 0.389 ng/uI
 RT: 21.070 min Scan# 4064
 Delta R.T. -0.009 min
 Lab File: BM046779.D
 Acq: 23 Jul 2024 15:45

Tgt Ion: 228 Resp: 17048

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.5	24.7
226	29.0	22.5	33.7





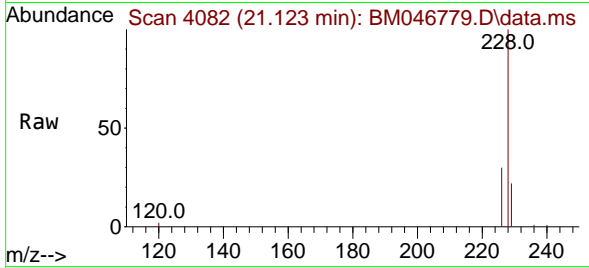
#22
 Chrysene
 Concen: 0.466 ng/u/l
 RT: 21.123 min Scan# 4082
 Delta R.T. -0.009 min
 Lab File: BM046779.D
 Acq: 23 Jul 2024 15:45

Instrument :

BNA_M

ClientSampleId :

A4BY8DL



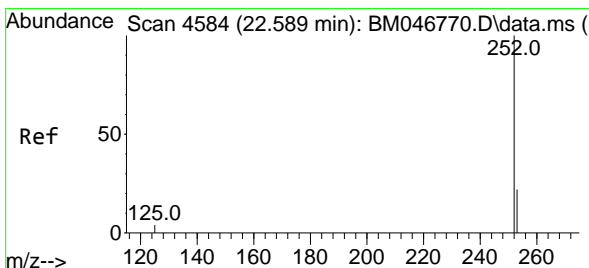
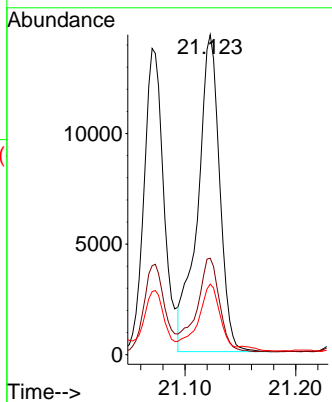
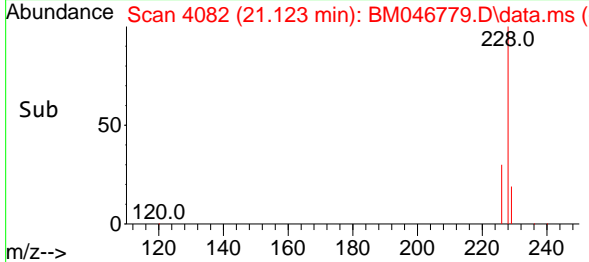
Tgt Ion:228 Resp: 1978

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	22.1	16.4	24.6

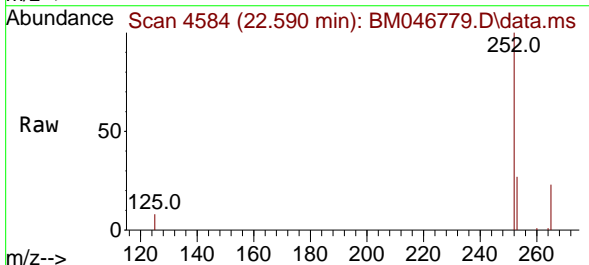
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

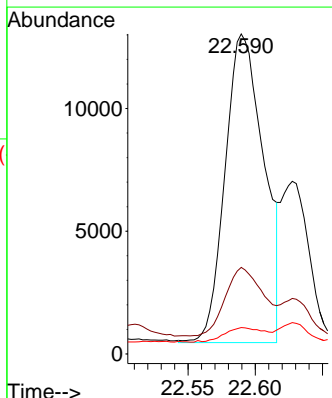
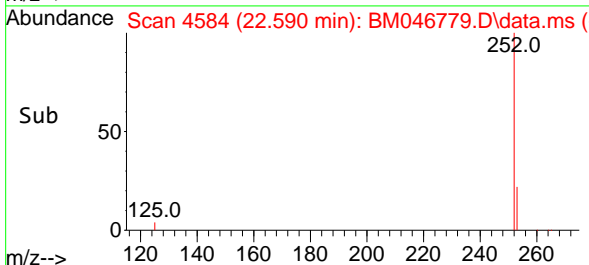


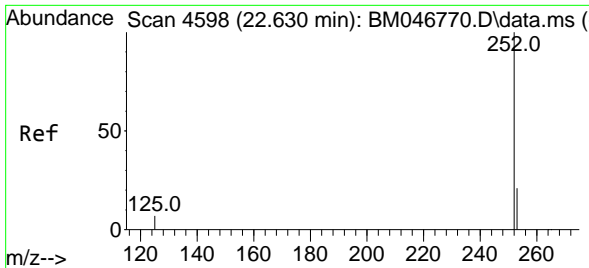
#24
 Benzo(b)fluoranthene
 Concen: 0.676 ng/u/l m
 RT: 22.590 min Scan# 4584
 Delta R.T. -0.009 min
 Lab File: BM046779.D
 Acq: 23 Jul 2024 15:45



Tgt Ion:252 Resp: 25148

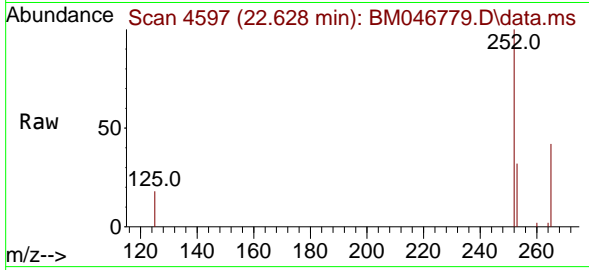
Ion	Ratio	Lower	Upper
252	100		
253	27.1	0.0	56.2
125	8.2	0.0	17.8





#25
 Benzo(k)fluoranthene
 Concen: 0.257 ng/u1 m
 RT: 22.628 min Scan# 4597
 Delta R.T. -0.012 min
 Lab File: BM046779.D
 Acq: 23 Jul 2024 15:45

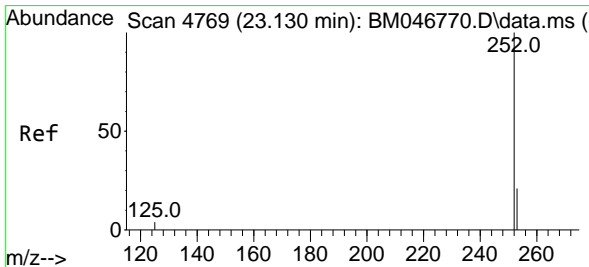
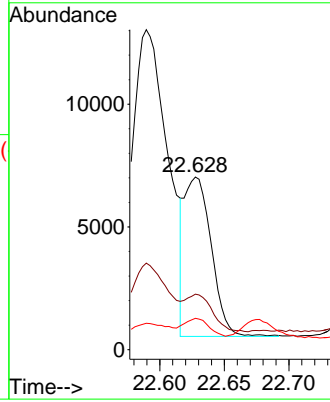
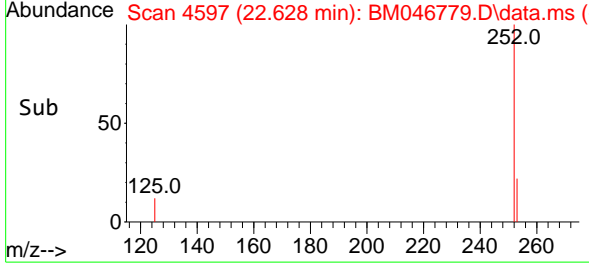
Instrument :
 BNA_M
 ClientSampleId :
 A4BY8DL



Tgt Ion:252 Resp: 9400
 Ion Ratio Lower Upper
 252 100
 253 32.1 22.4 33.6
 125 18.2 7.0 10.4

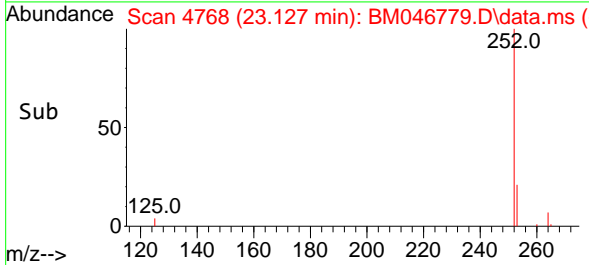
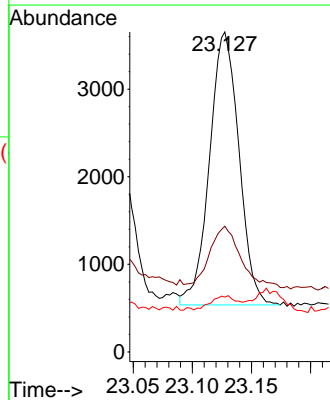
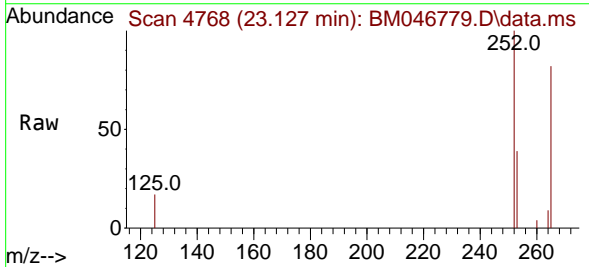
Manual Integrations
 APPROVED

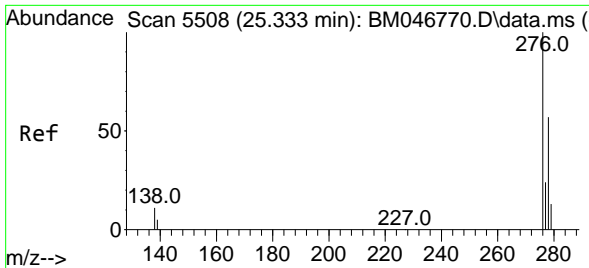
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024



#26
 Benzo(a)pyrene
 Concen: 0.176 ng/u1
 RT: 23.127 min Scan# 4768
 Delta R.T. -0.012 min
 Lab File: BM046779.D
 Acq: 23 Jul 2024 15:45

Tgt Ion:252 Resp: 5393
 Ion Ratio Lower Upper
 252 100
 253 39.3 24.0 36.0#
 125 17.2 8.2 12.2#





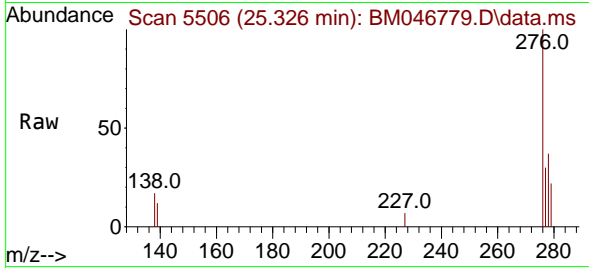
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.134 ng/ul
 RT: 25.326 min Scan# 5100
 Delta R.T. -0.020 min
 Lab File: BM046779.D
 Acq: 23 Jul 2024 15:45

Instrument :

BNA_M

ClientSampleId :

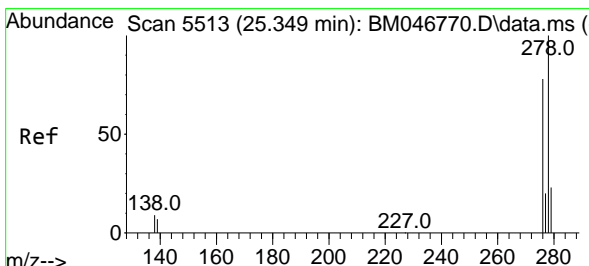
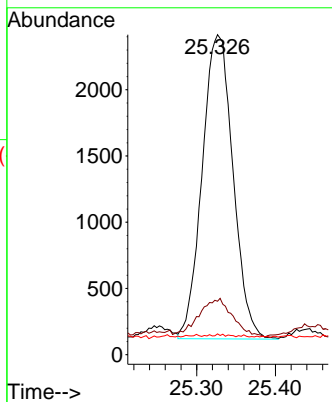
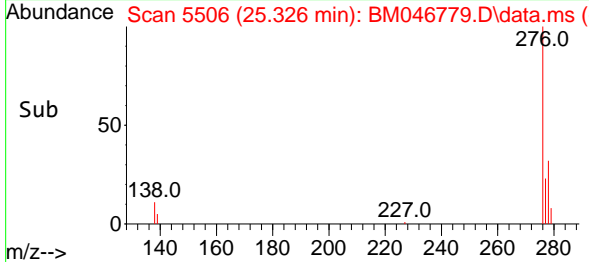
A4BY8DL



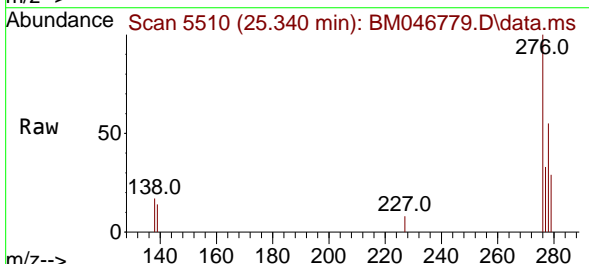
Tgt Ion: 276 Resp: 6258
 Ion Ratio Lower Upper
 276 100
 138 14.1 0.0 0.0#
 227 0.3 0.2 0.2#

Manual Integrations
 APPROVED

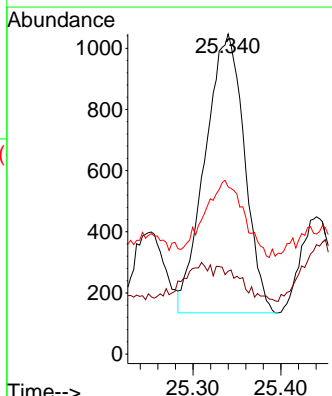
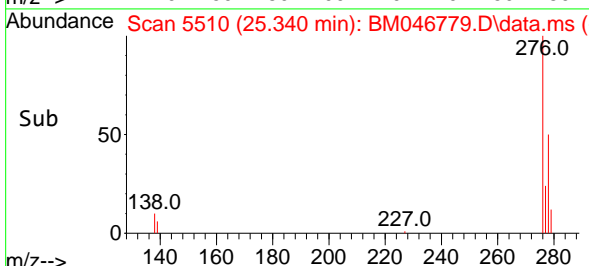
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

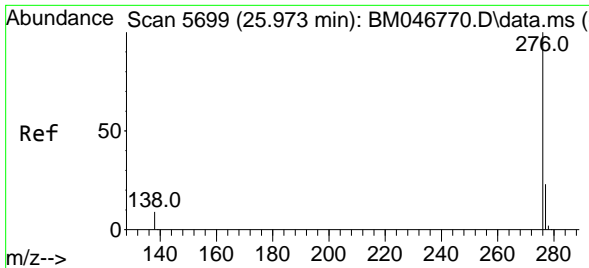


#28
 Dibenzo(a,h)anthracene
 Concen: 0.077 ng/ul
 RT: 25.340 min Scan# 5510
 Delta R.T. -0.020 min
 Lab File: BM046779.D
 Acq: 23 Jul 2024 15:45



Tgt Ion: 278 Resp: 2833
 Ion Ratio Lower Upper
 278 100
 139 25.9 9.1 13.7#
 279 52.2 23.2 34.8#





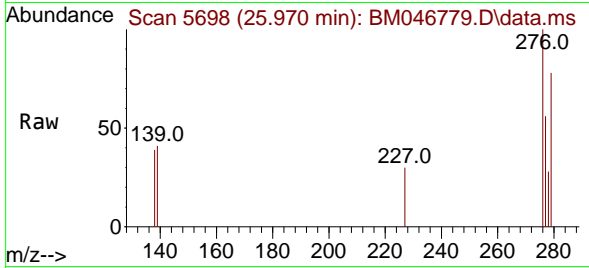
#29
 Benzo(g,h,i)perylene
 Concen: 0.026 ng/ul
 RT: 25.970 min Scan# 50
 Delta R.T. -0.014 min
 Lab File: BM046779.D
 Acq: 23 Jul 2024 15:45

Instrument :

BNA_M

ClientSampleId :

A4BY8DL



Tgt Ion: 276 Resp: 974

Ion	Ratio	Lower	Upper
276	100		
138	39.0	10.2	15.4
277	55.9	20.9	31.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

