

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046629.D
 Acq On : 16 Jul 2024 12:00
 Operator : MA/JU
 Sample : P3139-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D00

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 12:35:54 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 : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.501	152	3489	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	9621	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.146	164	6434	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.901	188	13570m	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	9038	0.400	ng/ul	# 0.00
23) Perylene-d12	23.250	264	9716	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	9903	3.455	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	4616	0.298	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	9943	0.362	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.310	128	4730	0.193	ng/ul	99
7) 2-Methylnaphthalene	11.937	142	3160	0.184	ng/ul	98
8) 1-Methylnaphthalene	12.163	142	2974	0.169	ng/ul	98
10) Acenaphthylene	13.864	152	13087	0.447	ng/ul	98
11) Acenaphthene	14.211	153	2956	0.151	ng/ul	99
12) Fluorene	15.205	166	4660m	0.192	ng/ul	
15) Phenanthrene	16.943	178	102609	2.650	ng/ul	99
16) Anthracene	17.031	178	18216	0.482	ng/ul	100
19) Fluoranthene	18.970	202	213137	5.741	ng/ul	99
20) Pyrene	19.332	202	110684	2.754	ng/ul	98
21) Benzo(a)anthracene	21.090	228	80642	2.017	ng/ul	96
22) Chrysene	21.143	228	99318	2.567	ng/ul	97
24) Benzo(b)fluoranthene	22.618	252	124095m	3.198	ng/ul	
25) Benzo(k)fluoranthene	22.656	252	45148m	1.185	ng/ul	
26) Benzo(a)pyrene	23.156	252	29121	0.912	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.376	276	35636	0.733	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.386	278	15985	0.415	ng/ul#	74
29) Benzo(g,h,i)perylene	26.020	276	4899	0.126	ng/ul#	50

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

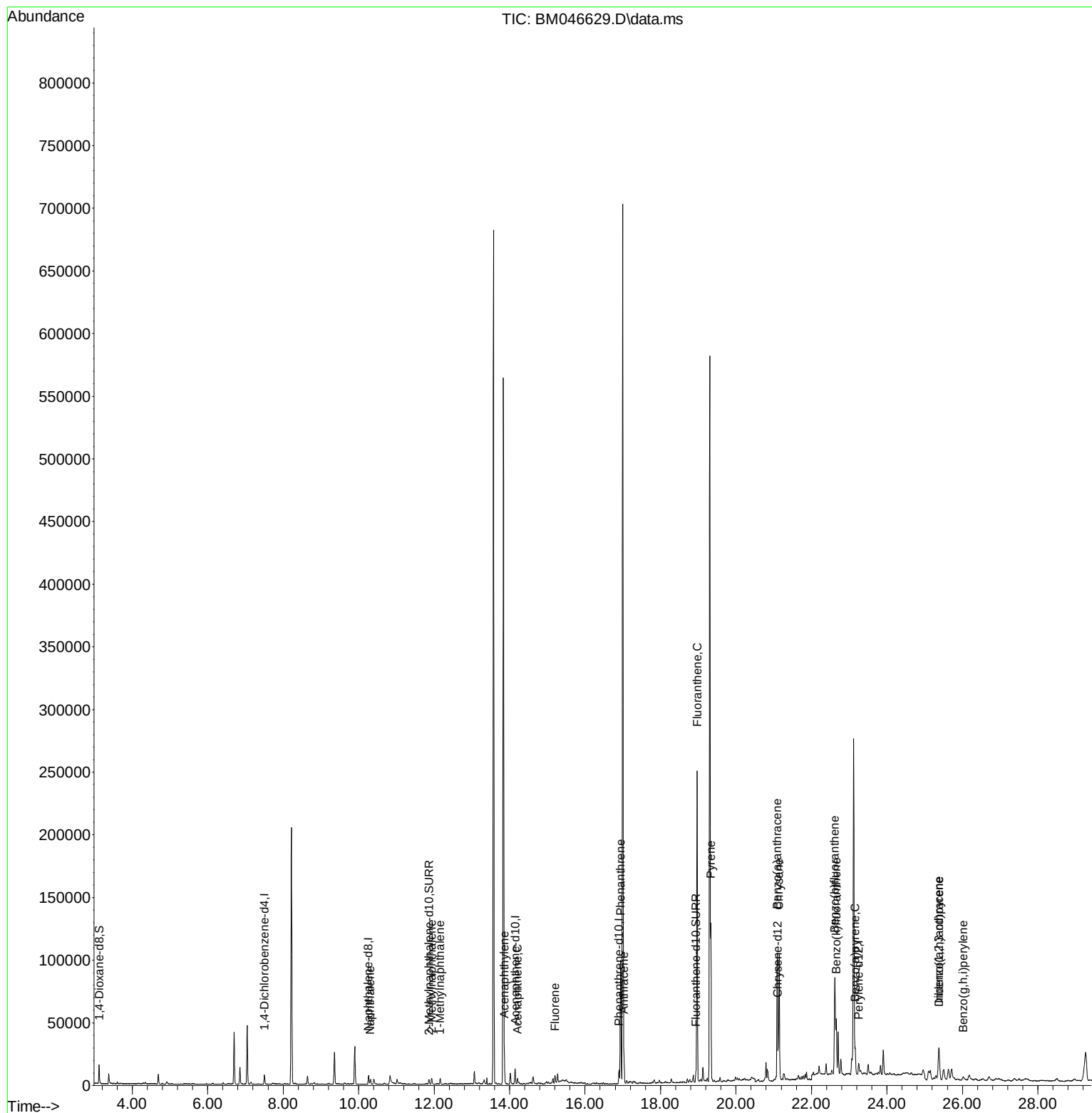
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046629.D
Acq On : 16 Jul 2024 12:00
Operator : MA/JU
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ALS Vial : 40 Sample Multiplier: 1

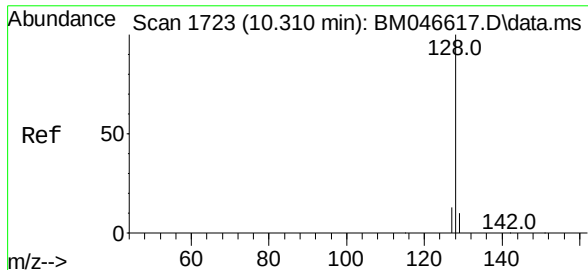
Instrument :
BNA_M
ClientSampleId :
A4D00

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Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 12:35:54 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 : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





Naphthalene
 Concen: 0.193 ng/ul
 RT: 10.310 min Scan# 1723
 Delta R.T. -0.006 min
 Lab File: BM046629.D
 Acq: 16 Jul 2024 12:00

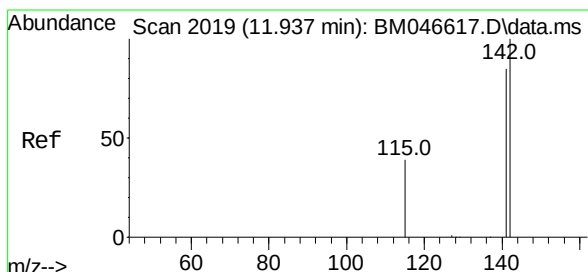
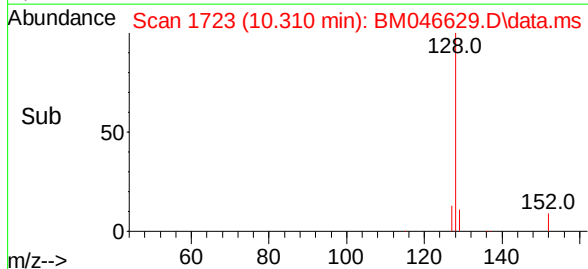
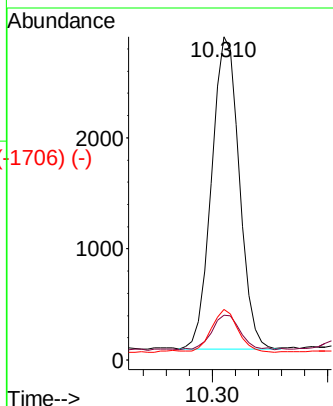
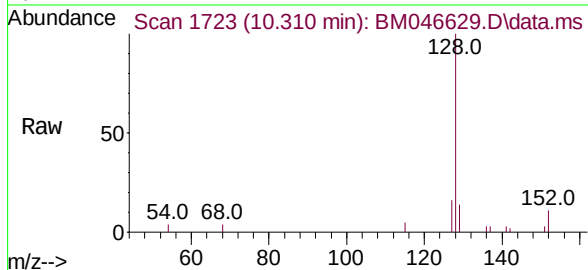
Instrument :
 BNA_M
 ClientSampleId :
 A4D00

Tgt Ion:128 Resp: 473

Ion	Ratio	Lower	Upper
128	100		
129	13.9	10.3	15.5
127	15.5	12.2	18.4

Manual Integrations
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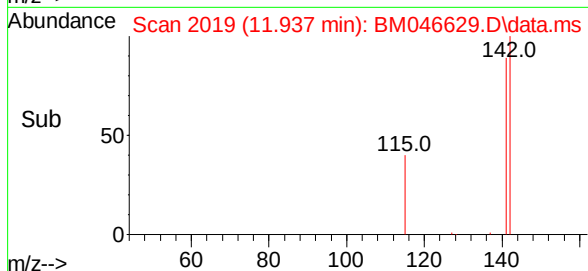
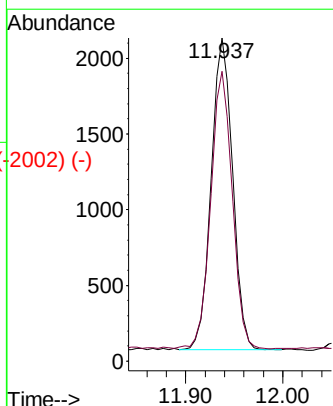
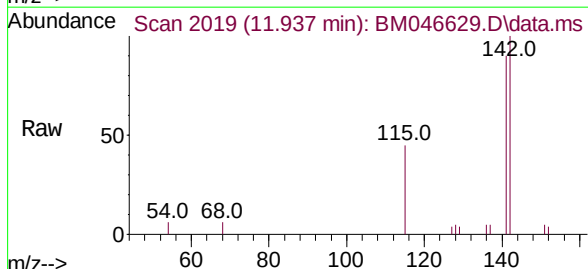
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

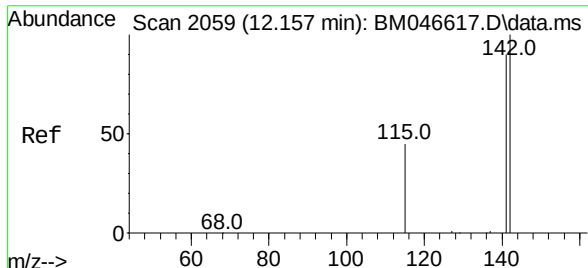


2-Methylnaphthalene
 Concen: 0.184 ng/ul
 RT: 11.937 min Scan# 2019
 Delta R.T. -0.006 min
 Lab File: BM046629.D
 Acq: 16 Jul 2024 12:00

Tgt Ion:142 Resp: 3160

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.3	105.5





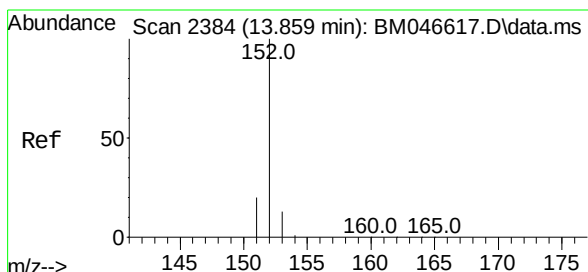
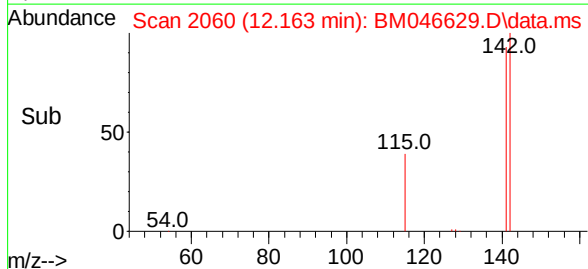
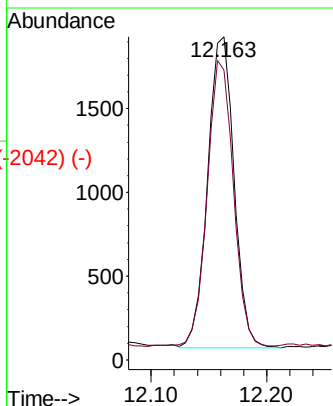
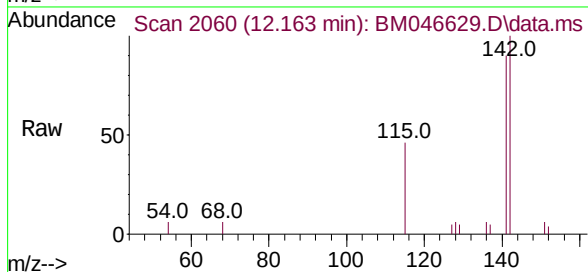
1-Methylnaphthalene
 Concen: 0.169 ng/ul
 RT: 12.163 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: BM046629.D
 Acq: 16 Jul 2024 12:00

Instrument :
 BNA_M
 ClientSampleId :
 A4D00

Tgt Ion:142 Resp: 297
 Ion Ratio Lower Upper
 142 100
 141 90.9 73.9 110.9

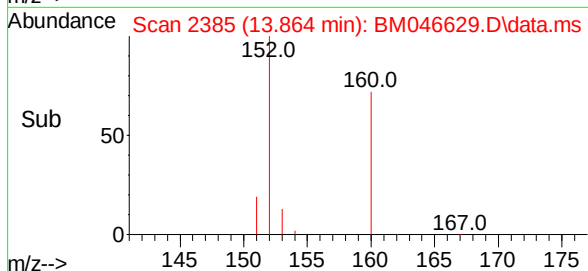
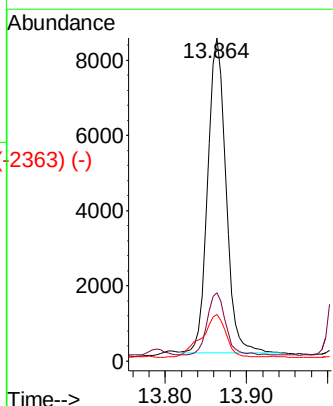
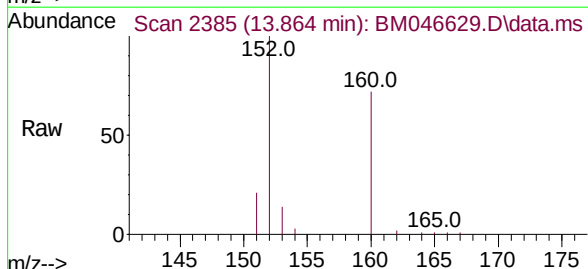
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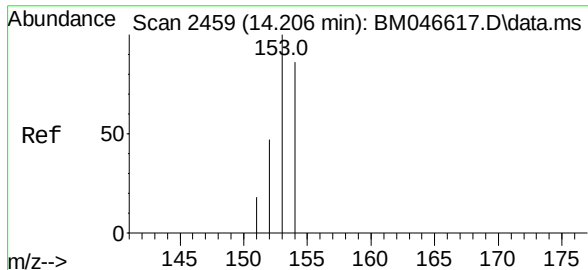
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024



Acenaphthylene
 Concen: 0.447 ng/ul
 RT: 13.864 min Scan# 2385
 Delta R.T. -0.000 min
 Lab File: BM046629.D
 Acq: 16 Jul 2024 12:00

Tgt Ion:152 Resp: 13087
 Ion Ratio Lower Upper
 152 100
 151 21.2 16.4 24.6
 153 14.4 12.4 18.6





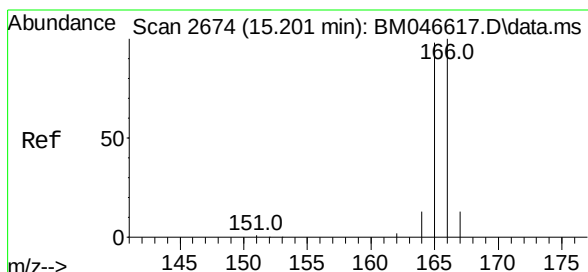
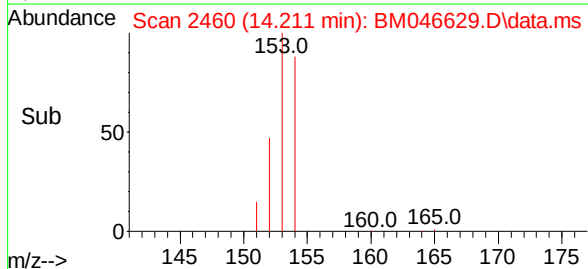
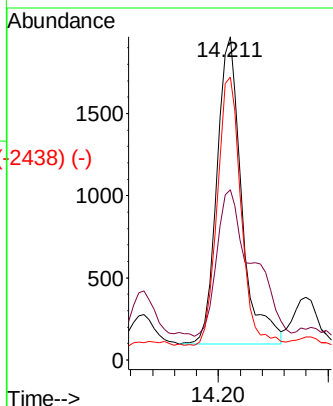
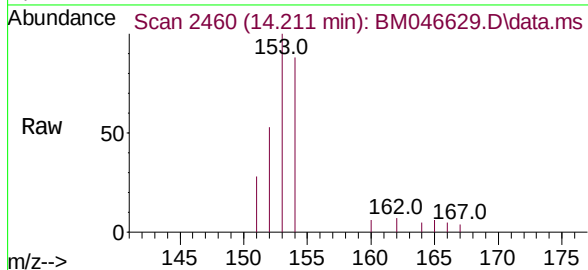
Acenaphthene
Concen: 0.151 ng/ul
RT: 14.211 min Scan# 2459
Delta R.T. -0.000 min
Lab File: BM046629.D
Acq: 16 Jul 2024 12:00

Instrument :
BNA_M
ClientSampleId :
A4D00

Tgt Ion:	153	Resp:	298
Ion	Ratio	Lower	Upper
153	100		
152	52.6	43.0	64.6
154	87.6	69.9	104.9

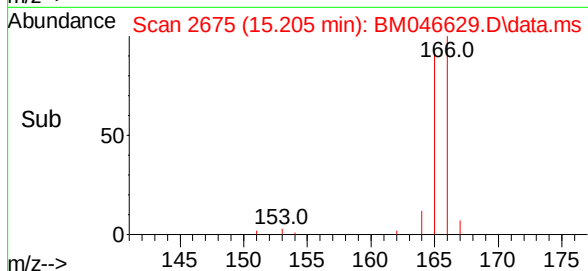
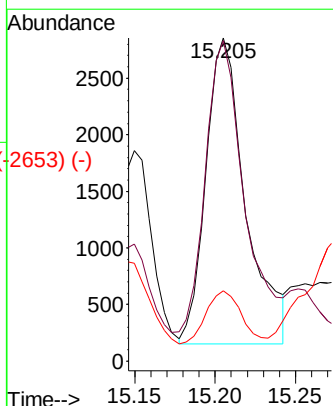
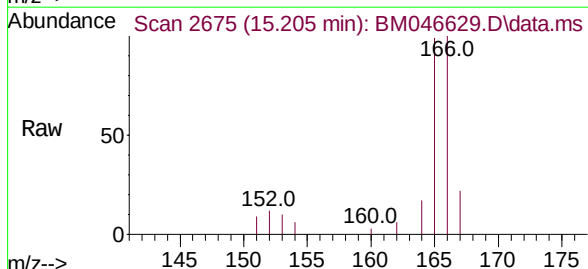
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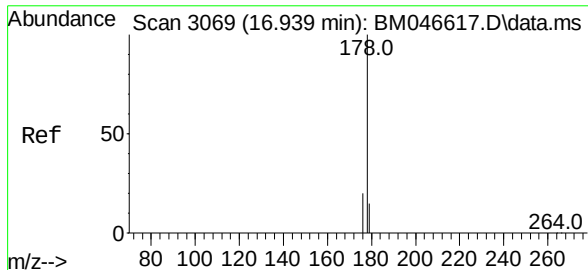
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



Fluorene
Concen: 0.192 ng/ul m
RT: 15.205 min Scan# 2675
Delta R.T. -0.000 min
Lab File: BM046629.D
Acq: 16 Jul 2024 12:00

Tgt Ion:	166	Resp:	4660
Ion	Ratio	Lower	Upper
166	100		
165	99.1	76.1	114.1
167	21.7	12.5	18.7#





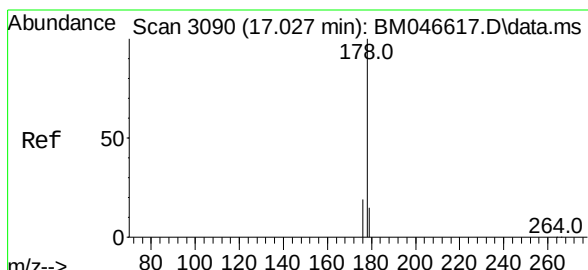
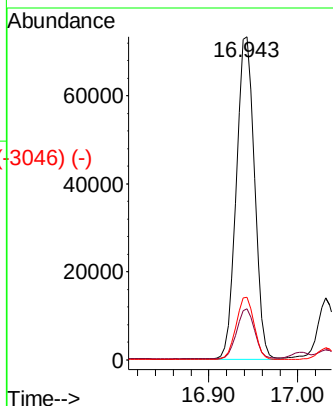
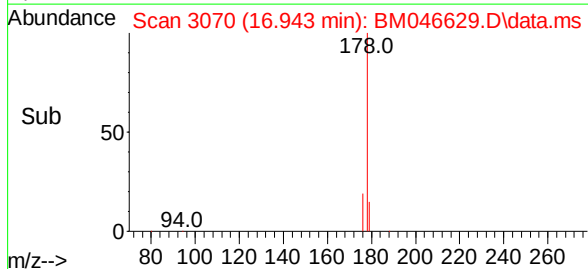
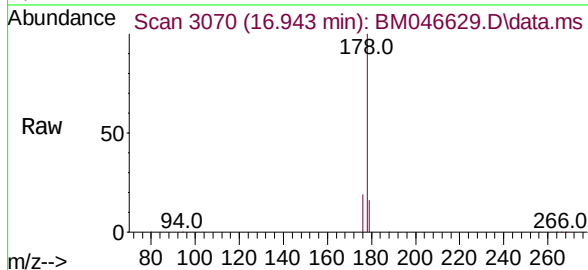
Phenanthrene
 Concen: 2.650 ng/ul
 RT: 16.943 min Scan# 3069
 Delta R.T. -0.000 min
 Lab File: BM046629.D
 Acq: 16 Jul 2024 12:00

Instrument :
 BNA_M
 ClientSampleId :
 A4D00

Tgt Ion:	178	Resp:	10260
Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.1	19.7
176	19.5	16.0	24.0

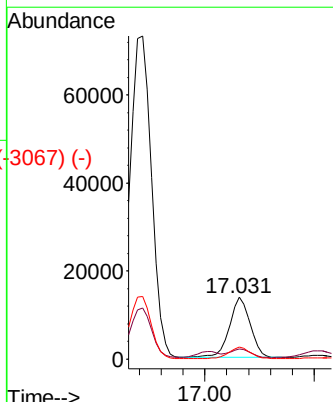
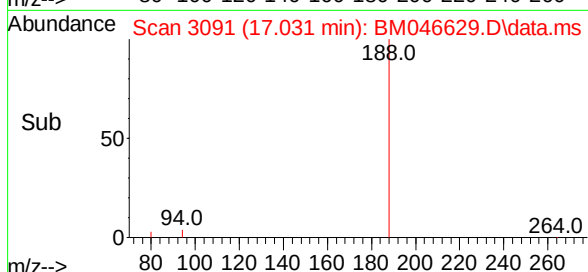
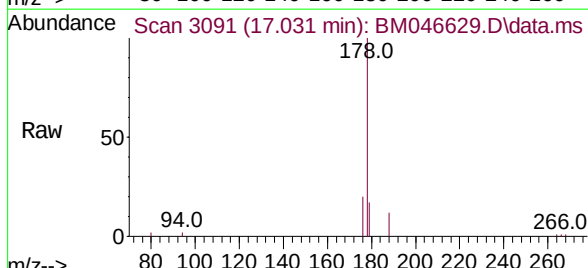
Manual Integrations
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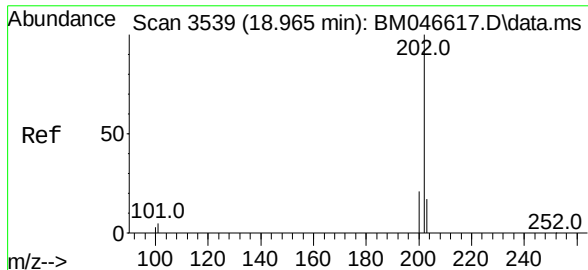
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024



Anthracene
 Concen: 0.482 ng/ul
 RT: 17.031 min Scan# 3091
 Delta R.T. -0.000 min
 Lab File: BM046629.D
 Acq: 16 Jul 2024 12:00

Tgt Ion:	178	Resp:	18216
Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.5	20.3
176	19.6	15.7	23.5





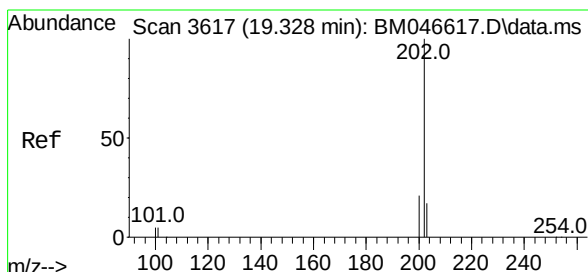
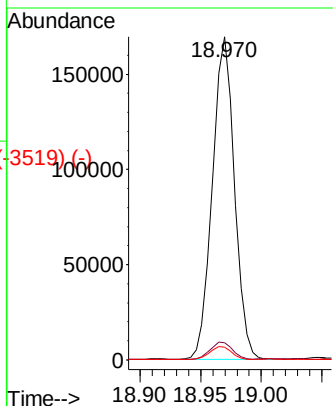
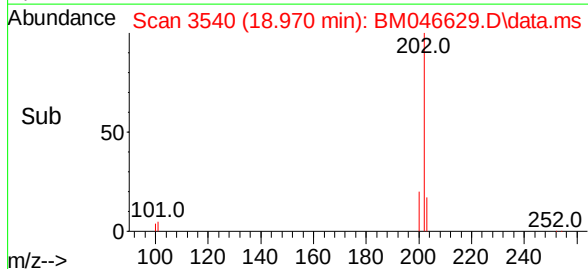
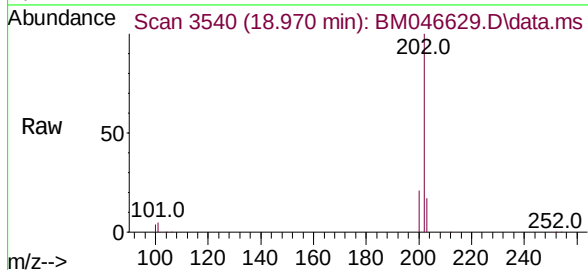
Scan 3539 (18.965 min): BM046617.D\data.ms (-3539) (-)
Fluoranthene
 Concen: 5.741 ng/ul
 RT: 18.970 min Scan# 3539
 Delta R.T. -0.000 min
 Lab File: BM046629.D
 Acq: 16 Jul 2024 12:00

Instrument :
 BNA_M
 ClientSampleId :
 A4D00

Tgt Ion:	202	Resp:	21313
Ion Ratio	Lower	Upper	
202	100		
101	5.3	4.6	6.8
100	4.0	3.0	4.6

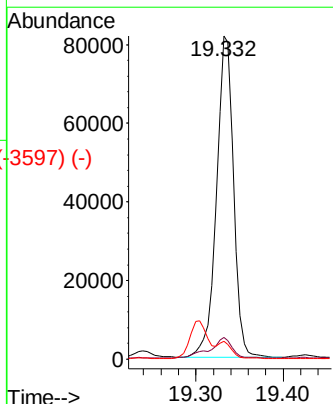
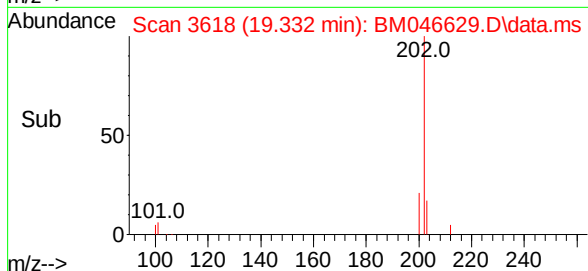
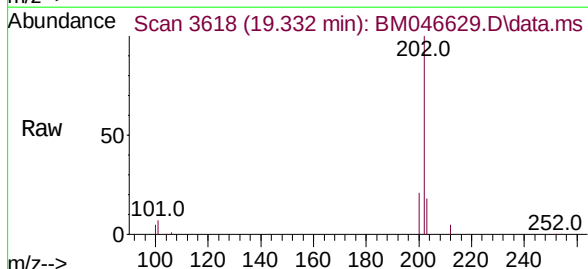
Manual Integrations
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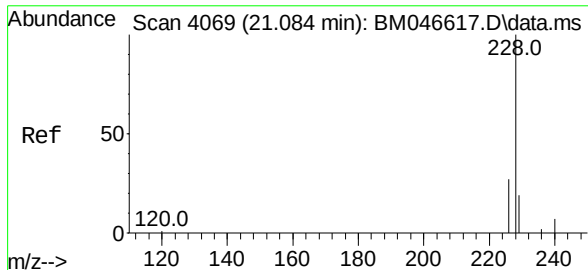
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024



Scan 3617 (19.328 min): BM046617.D\data.ms (-3617) (-)
Pyrene
 Concen: 2.754 ng/ul
 RT: 19.332 min Scan# 3618
 Delta R.T. -0.000 min
 Lab File: BM046629.D
 Acq: 16 Jul 2024 12:00

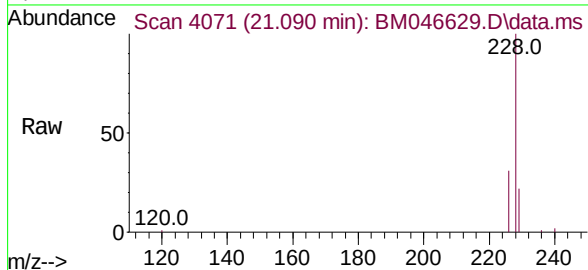
Tgt Ion:	202	Resp:	110684
Ion Ratio	Lower	Upper	
202	100		
101	6.7	5.1	7.7
100	5.5	3.8	5.6





Benzo(a)anthracene
Concen: 2.017 ng/ul
RT: 21.090 min Scan# 4071
Delta R.T. 0.003 min
Lab File: BM046629.D
Acq: 16 Jul 2024 12:00

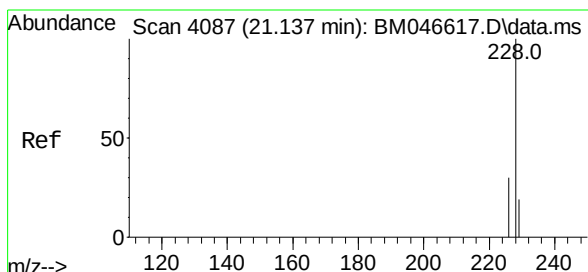
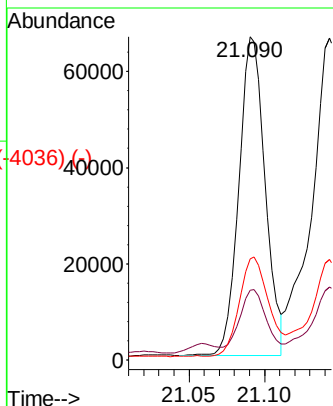
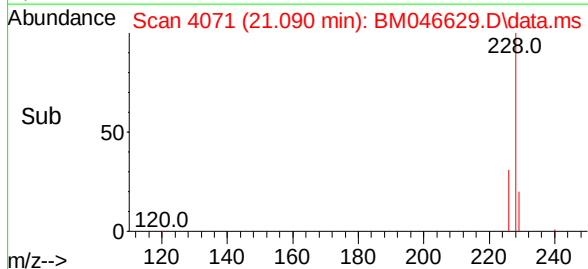
Instrument :
BNA_M
ClientSampleId :
A4D00



Tgt Ion:228 Resp: 8064
Ion Ratio Lower Upper
228 100
229 21.6 16.5 24.7
226 31.2 22.5 33.7

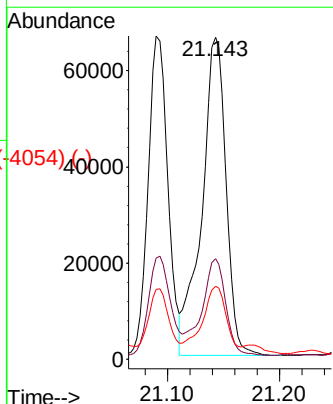
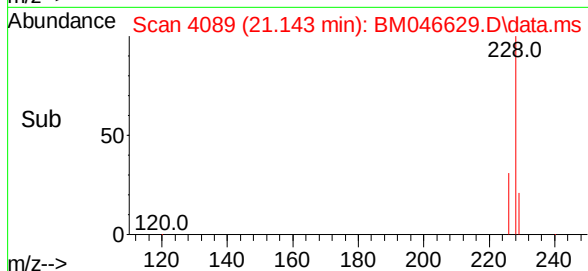
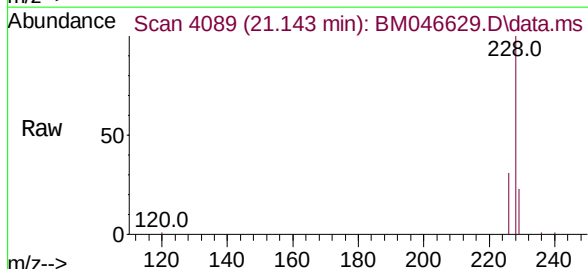
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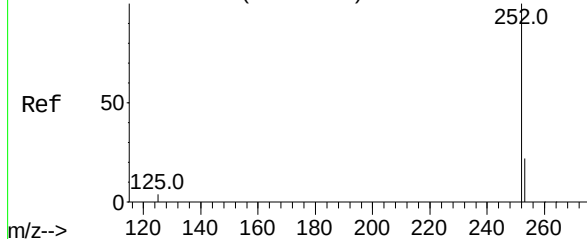


Chrysene
Concen: 2.567 ng/ul
RT: 21.143 min Scan# 4089
Delta R.T. 0.003 min
Lab File: BM046629.D
Acq: 16 Jul 2024 12:00

Tgt Ion:228 Resp: 99318
Ion Ratio Lower Upper
228 100
226 31.2 24.3 36.5
229 22.6 16.4 24.6



Abundance Scan 4590 (22.607 min): BM046617.D\data.ms (-4524) (-)



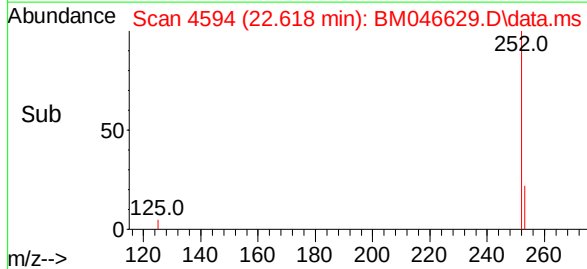
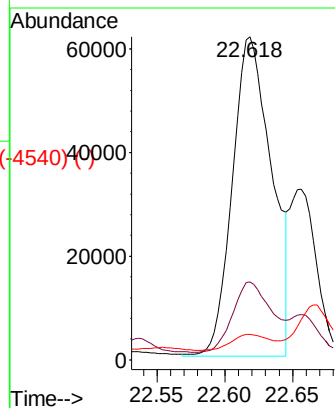
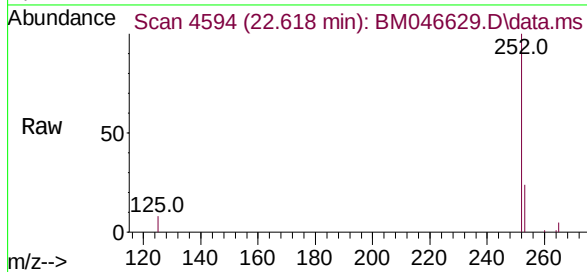
Benzo(b)fluoranthene
Concen: 3.198 ng/ul m
RT: 22.618 min Scan# 4594
Delta R.T. 0.008 min
Lab File: BM046629.D
Acq: 16 Jul 2024 12:00

Instrument :
BNA_M
ClientSampleId :
A4D00

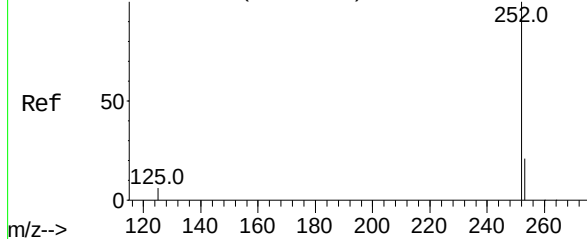
Tgt Ion:252 Resp: 12409
Ion Ratio Lower Upper
252 100
253 24.1 0.0 56.2
125 7.9 0.0 17.8

Manual Integrations
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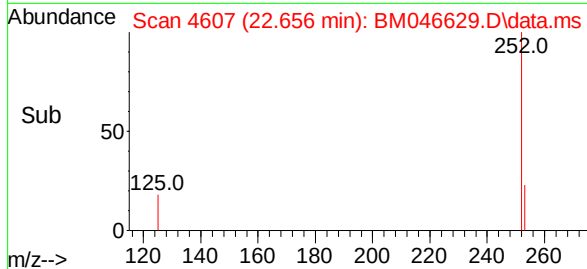
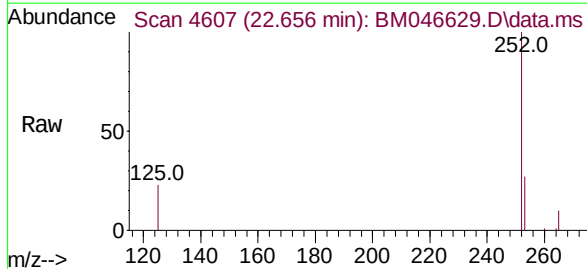
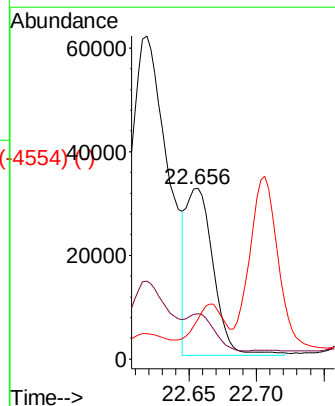


Abundance Scan 4604 (22.648 min): BM046617.D\data.ms (-4525) (-)

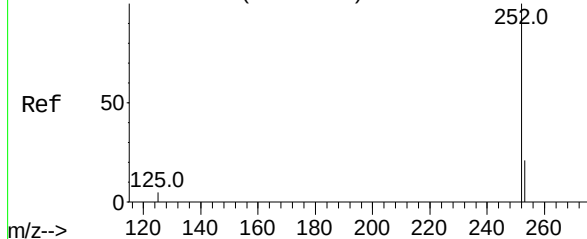


Benzo(k)fluoranthene
Concen: 1.185 ng/ul m
RT: 22.656 min Scan# 4607
Delta R.T. 0.005 min
Lab File: BM046629.D
Acq: 16 Jul 2024 12:00

Tgt Ion:252 Resp: 45148
Ion Ratio Lower Upper
252 100
253 26.6 22.4 33.6
125 23.4 7.0 10.4#



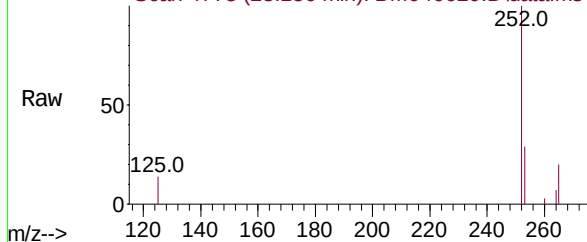
Abundance Scan 4774 (23.145 min): BM046617.D\data.ms (-4780) (-)



Benzo(a)pyrene
Concen: 0.912 ng/ul
RT: 23.156 min Scan# 4780
Delta R.T. 0.005 min
Lab File: BM046629.D
Acq: 16 Jul 2024 12:00

Instrument :
BNA_M
ClientSampleId :
A4D00

Abundance Scan 4778 (23.156 min): BM046629.D\data.ms

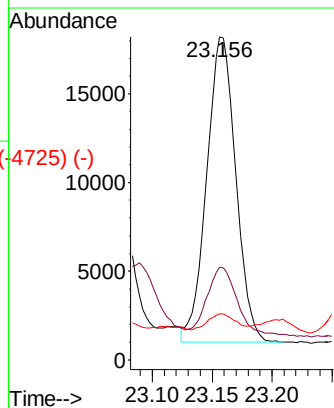
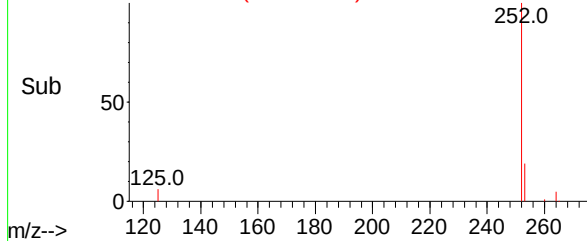


Tgt Ion:252 Resp: 2912
Ion Ratio Lower Upper
252 100
253 28.8 24.0 36.0
125 14.2 8.2 12.2

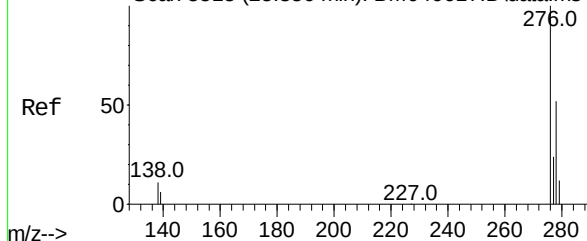
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

Abundance Scan 4778 (23.156 min): BM046629.D\data.ms (-4725) (-)



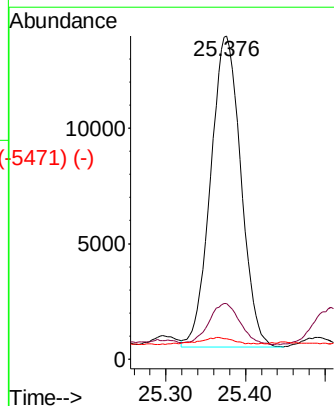
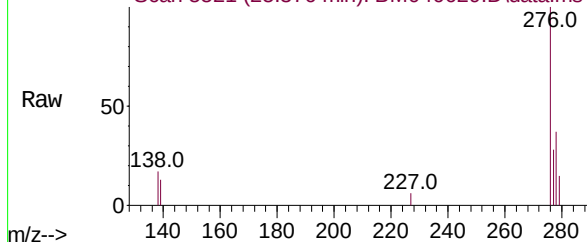
Abundance Scan 5515 (25.356 min): BM046617.D\data.ms (-5489) (-)



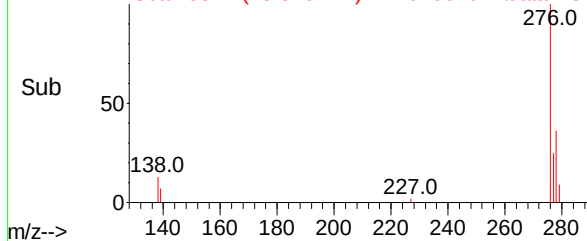
Indeno(1,2,3-cd)pyrene
Concen: 0.733 ng/ul
RT: 25.376 min Scan# 5521
Delta R.T. 0.016 min
Lab File: BM046629.D
Acq: 16 Jul 2024 12:00

Tgt Ion:276 Resp: 35636
Ion Ratio Lower Upper
276 100
138 13.6 0.0 0.0#
227 2.8 0.2 0.2#

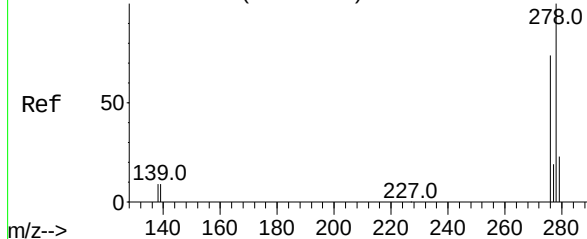
Abundance Scan 5521 (25.376 min): BM046629.D\data.ms



Abundance Scan 5521 (25.376 min): BM046629.D\data.ms (-5471) (-)

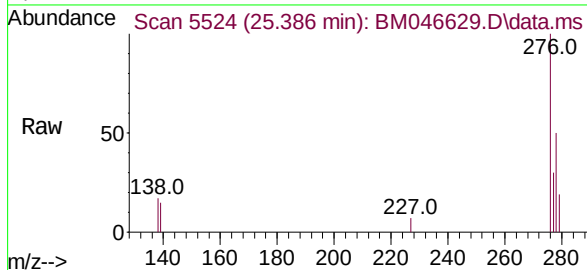


Abundance Scan 5520 (25.373 min): BM046617.D\data.ms (-5520) (-)



Dibenzo(a,h)anthracene
Concen: 0.415 ng/ul
RT: 25.386 min Scan# 5520
Delta R.T. 0.003 min
Lab File: BM046629.D
Acq: 16 Jul 2024 12:00

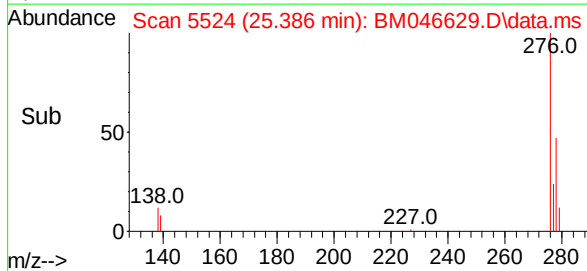
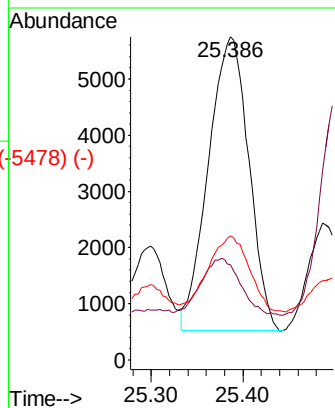
Instrument :
BNA_M
ClientSampleId :
A4D00



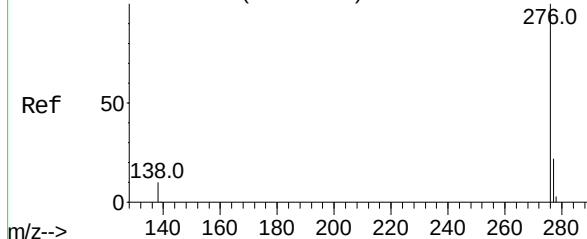
Tgt Ion:	278	Resp:	1598
Ion	Ratio	Lower	Upper
278	100		
139	29.4	9.1	13.7
279	38.4	23.2	34.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



Abundance Scan 5707 (26.000 min): BM046617.D\data.ms (-5707) (-)



Benzo(g,h,i)perylene
Concen: 0.126 ng/ul
RT: 26.020 min Scan# 5713
Delta R.T. 0.016 min
Lab File: BM046629.D
Acq: 16 Jul 2024 12:00

Tgt Ion:	276	Resp:	4899
Ion	Ratio	Lower	Upper
276	100		
138	44.0	10.2	15.4#
277	44.5	20.9	31.3#

