

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042043.D
 Acq On : 25 Sep 2023 21:36
 Operator : MA/JU
 Sample : 04429-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHJ4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :mohammad ahmed 09/28/2023

Quant Time: Sep 26 02:20:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	4677	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.768	136	11133m	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	4872m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	10781m	0.400	ng/ul	0.00
17) Chrysene-d12	21.524	240	6706m	0.400	ng/ul	0.00
23) Perylene-d12	23.933	264	7363m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	21399	3.358	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	4923	0.353	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	3961m	0.143	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	125782	18.758	ng/ul	# 85
5) Naphthalene	10.818	128	1569278	42.076	ng/ul	99
7) 2-Methylnaphthalene	12.429	142	1274233	57.314	ng/ul	99
8) 1-Methylnaphthalene	12.649	142	1425723	63.166	ng/ul	98
10) Acenaphthylene	14.315	152	35222m	1.079	ng/ul	
11) Acenaphthene	14.662	153	123113m	4.921	ng/ul	
12) Fluorene	15.647	166	193574m	6.865	ng/ul	
14) Pentachlorophenol	16.987	266	61154m	10.724	ng/ul	
15) Phenanthrene	17.392	178	463722	9.274	ng/ul	98
16) Anthracene	17.489	178	32592m	0.754	ng/ul	
19) Fluoranthene	19.399	202	21333m	0.281	ng/ul	
20) Pyrene	19.766	202	66755m	0.896	ng/ul	
21) Benzo(a)anthracene	21.507	228	3405m	0.067	ng/ul	
22) Chrysene	21.559	228	6227m	0.119	ng/ul	
24) Benzo(b)fluoranthene	23.187	252	2626m	0.046	ng/ul	

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

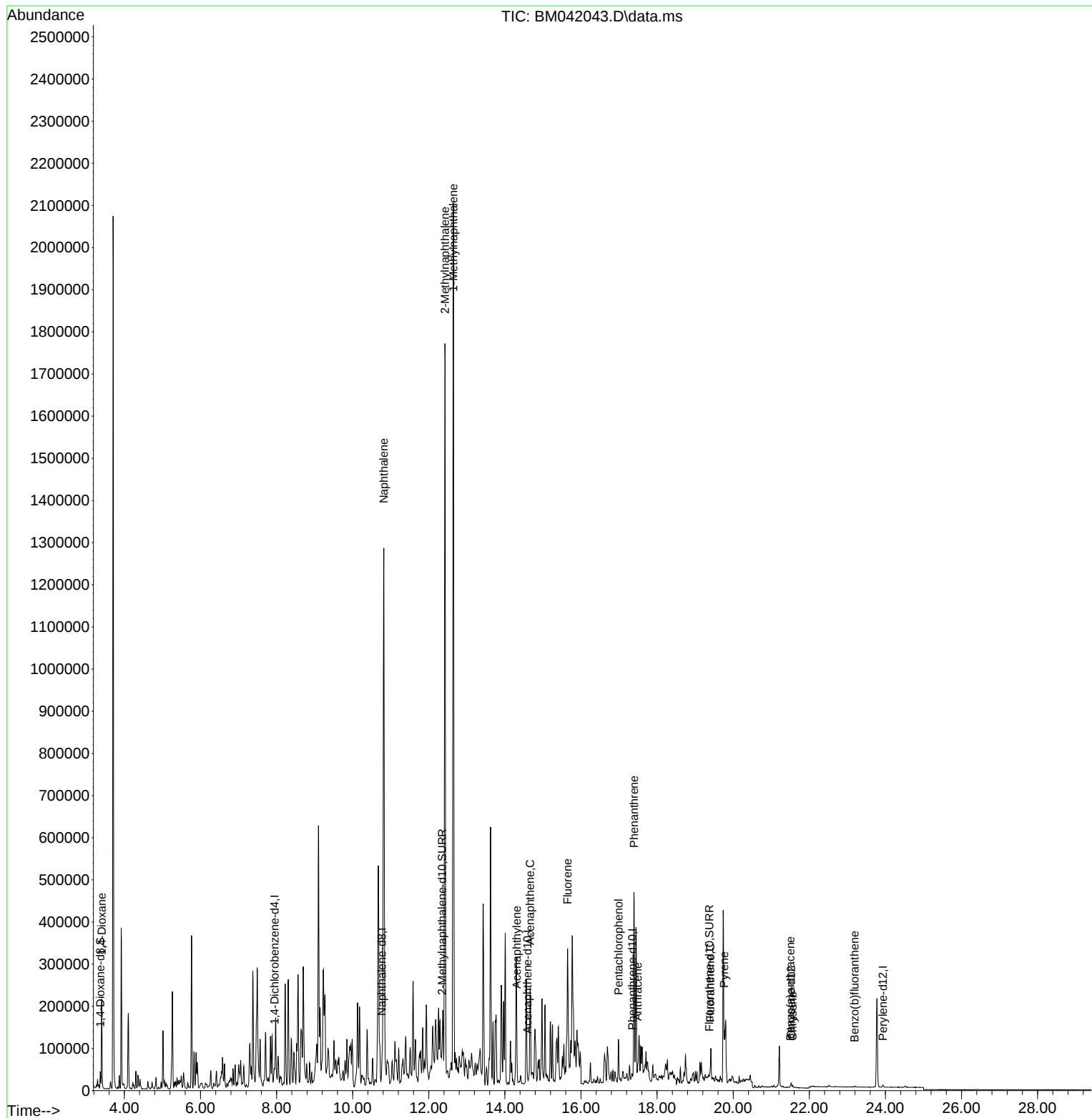
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042043.D
Acq On : 25 Sep 2023 21:36
Operator : MA/JU
Sample : 04429-10
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ALS Vial : 21 Sample Multiplier: 1

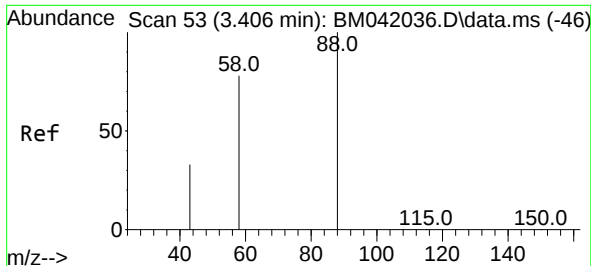
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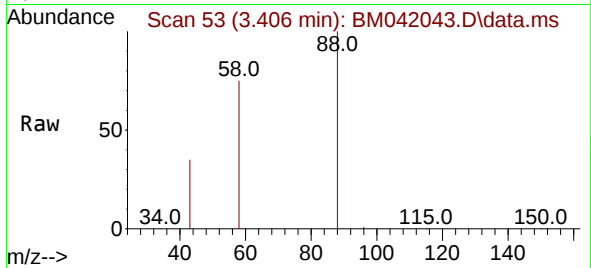
Quant Time: Sep 26 02:20:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 18.758 ng/ul
RT: 3.406 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36

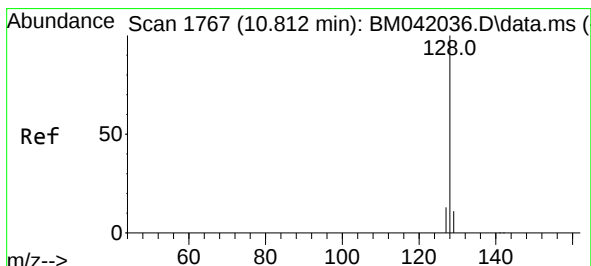
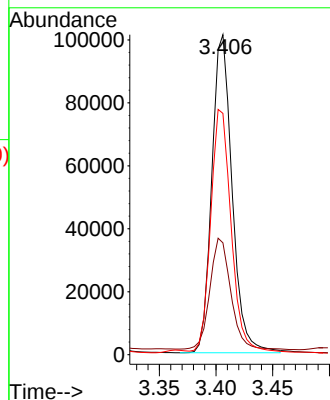
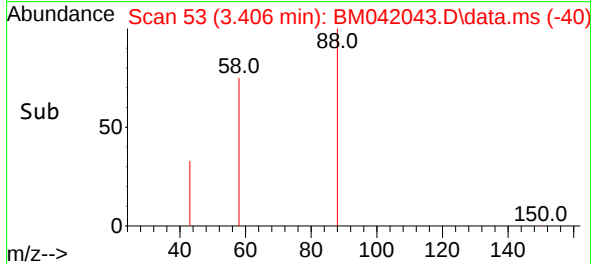
Instrument :
BNA_M
ClientSampleId :
BBHJ4



Tgt Ion: 88 Resp: 12578
Ion Ratio Lower Upper
88 100
43 35.0 42.9 64.3
58 75.4 56.4 84.6

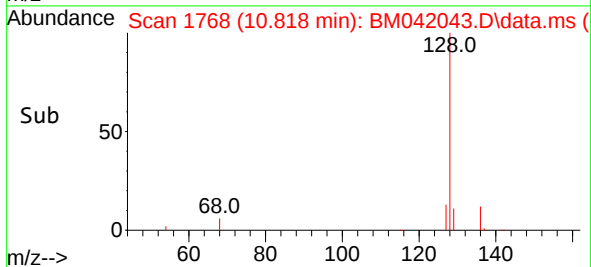
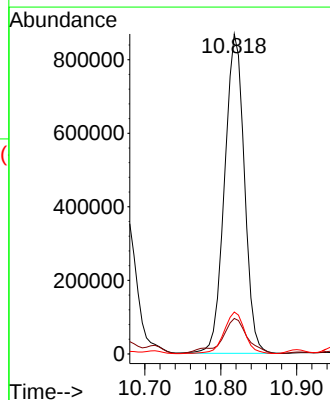
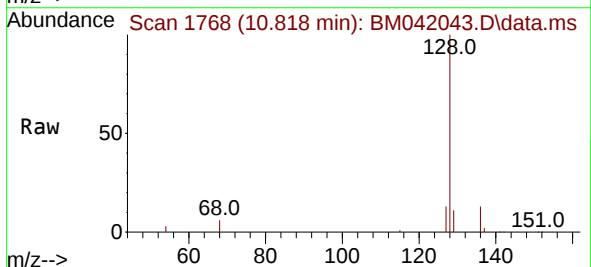
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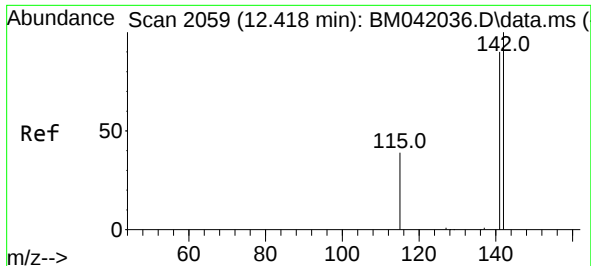
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023



#5
Naphthalene
Concen: 42.076 ng/ul
RT: 10.818 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36

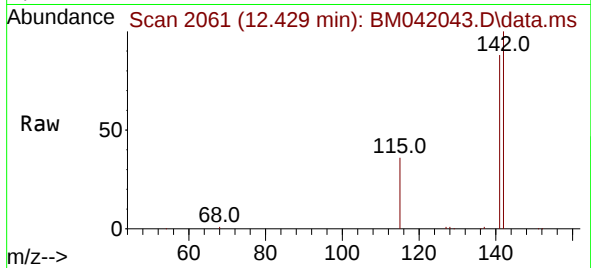
Tgt Ion:128 Resp: 1569278
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.1 10.8 16.2





#7
2-Methylnaphthalene
Concen: 57.314 ng/ul
RT: 12.429 min Scan# 2059
Delta R.T. 0.006 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36

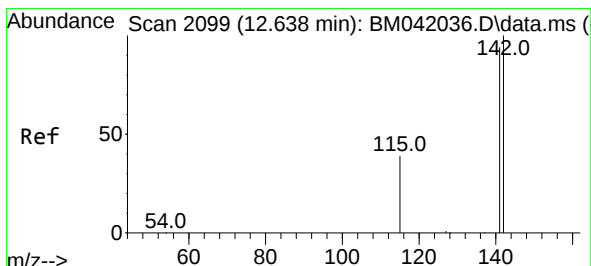
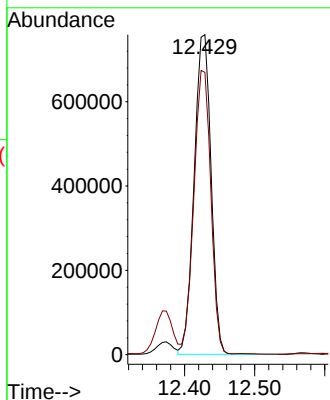
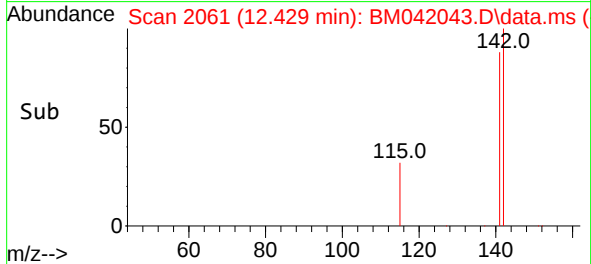
Instrument :
BNA_M
ClientSampleId :
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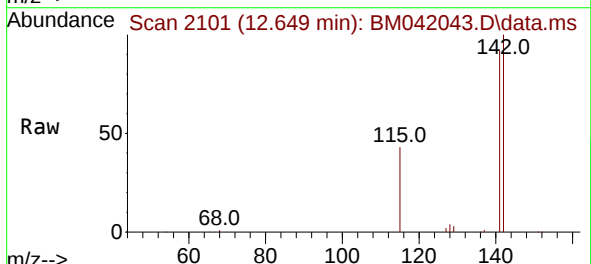
Tgt Ion:142 Resp: 127423
Ion Ratio Lower Upper
142 100
141 88.9 72.1 108.1

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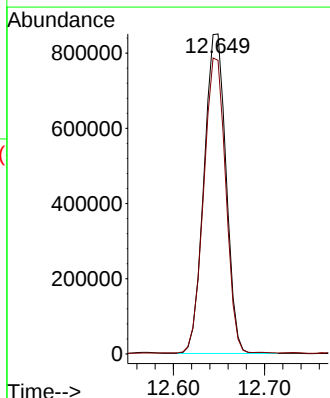
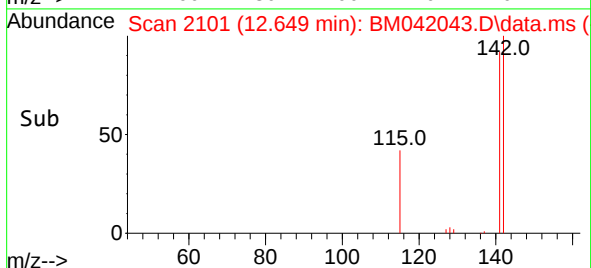
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023

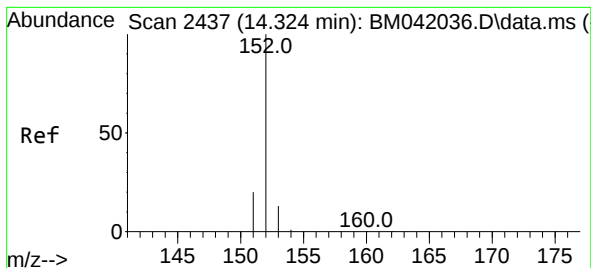


#8
1-Methylnaphthalene
Concen: 63.166 ng/ul
RT: 12.649 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36



Tgt Ion:142 Resp: 1425723
Ion Ratio Lower Upper
142 100
141 92.3 75.1 112.7





#10

Acenaphthylene

Concen: 1.079 ng/ul m

RT: 14.315 min Scan# 2435

Delta R.T. -0.014 min

Lab File: BM042043.D

Acq: 25 Sep 2023 21:36

Instrument :

BNA_M

ClientSampleId :

BBHJ4

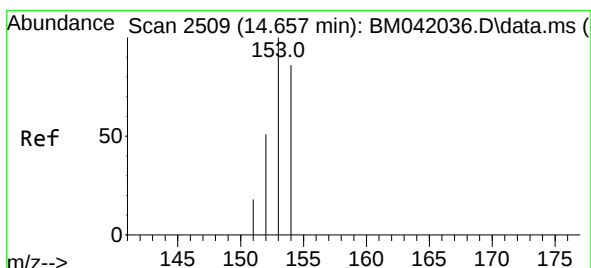
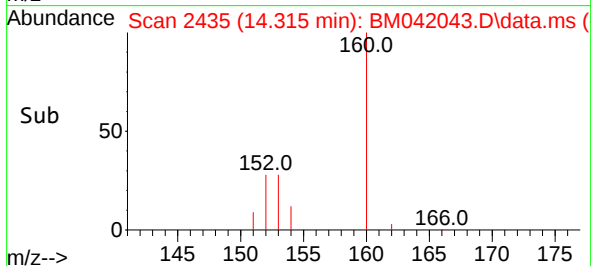
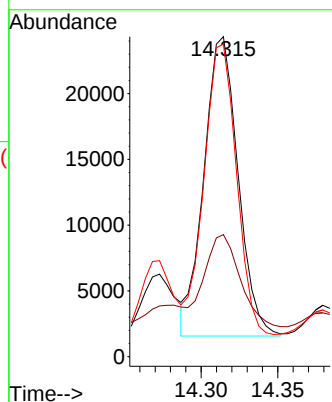
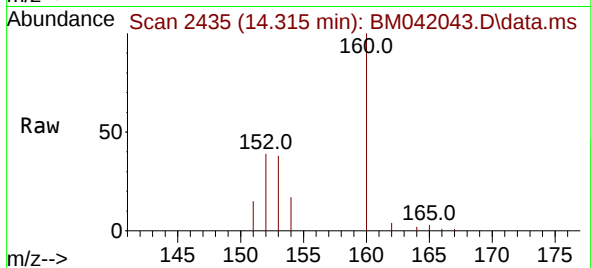
Tgt Ion:	152	Resp:	3522
Ion Ratio	Lower	Upper	
152	100		
151	38.2	16.2	24.4
153	97.6	10.8	16.2

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#11

Acenaphthene

Concen: 4.921 ng/ul m

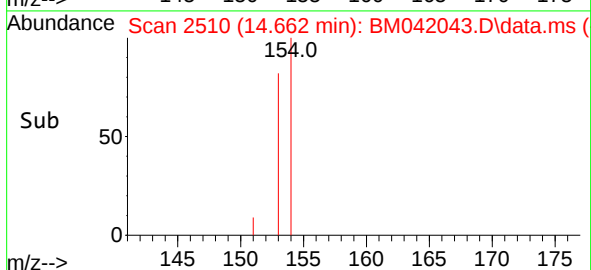
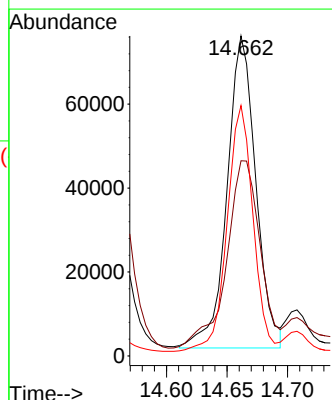
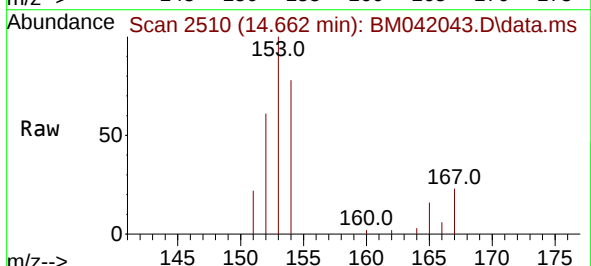
RT: 14.662 min Scan# 2510

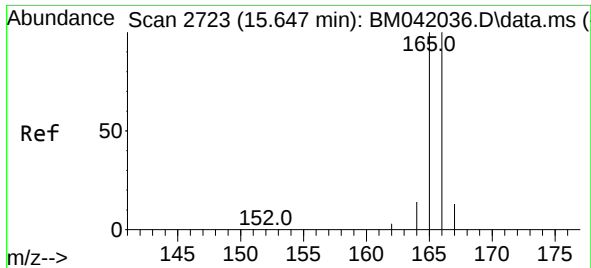
Delta R.T. 0.000 min

Lab File: BM042043.D

Acq: 25 Sep 2023 21:36

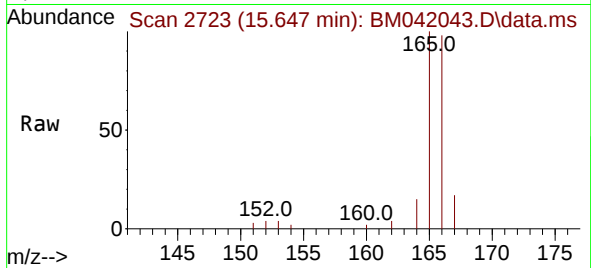
Tgt Ion:	153	Resp:	123113
Ion Ratio	Lower	Upper	
153	100		
152	61.0	41.8	62.8
154	78.3	69.0	103.6





#12
Fluorene
Concen: 6.865 ng/ul m
RT: 15.647 min Scan# 2723
Delta R.T. -0.004 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36

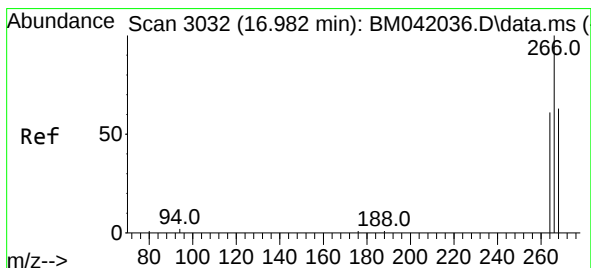
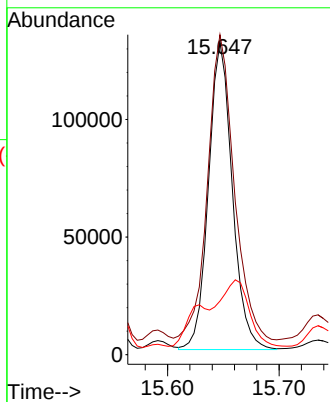
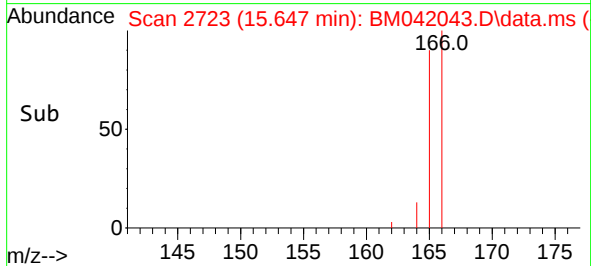
Instrument :
BNA_M
ClientSampleId :
BBHJ4



Tgt Ion:166 Resp: 193574
Ion Ratio Lower Upper
166 100
165 102.5 79.8 119.8
167 17.2 11.1 16.7

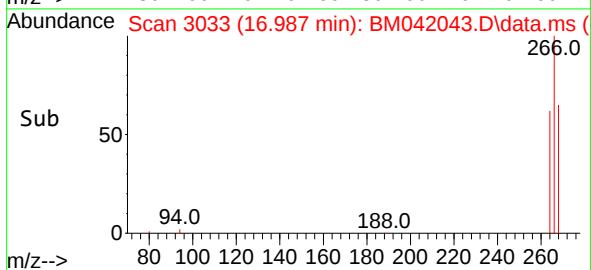
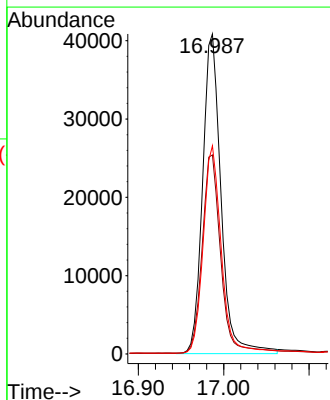
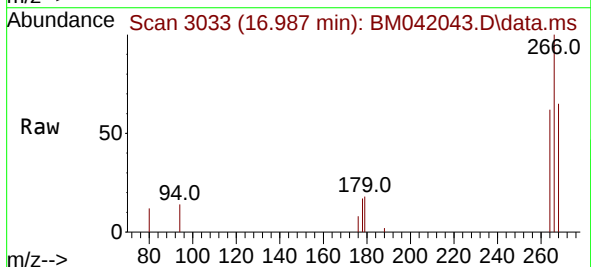
Manual Integrations
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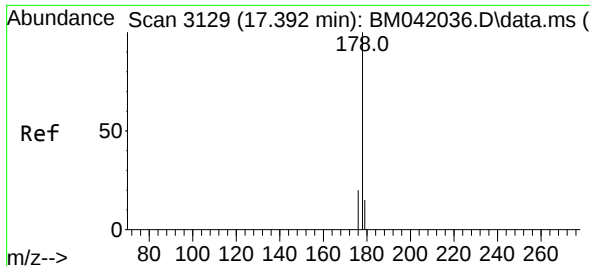
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023



#14
Pentachlorophenol
Concen: 10.724 ng/ul m
RT: 16.987 min Scan# 3033
Delta R.T. 0.004 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36

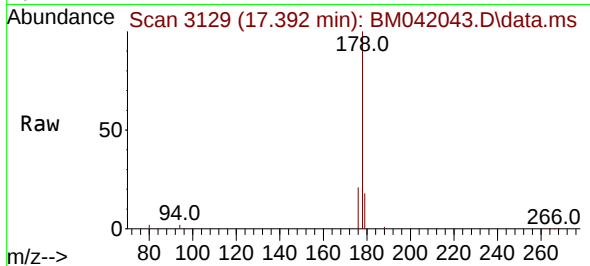
Tgt Ion:266 Resp: 61154
Ion Ratio Lower Upper
266 100
264 0.0 50.2 75.4#
268 0.0 51.0 76.4#





#15
Phenanthrene
Concen: 9.274 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36

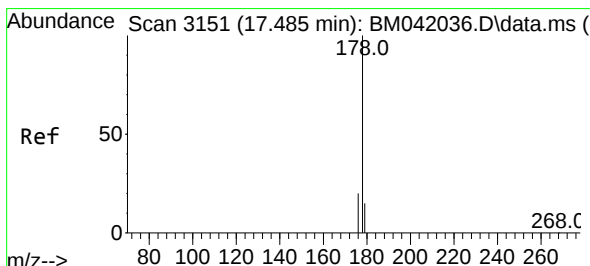
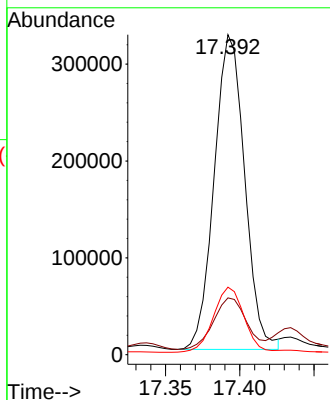
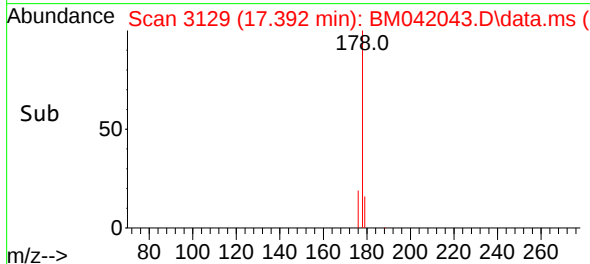
Instrument :
BNA_M
ClientSampleId :
BBHJ4



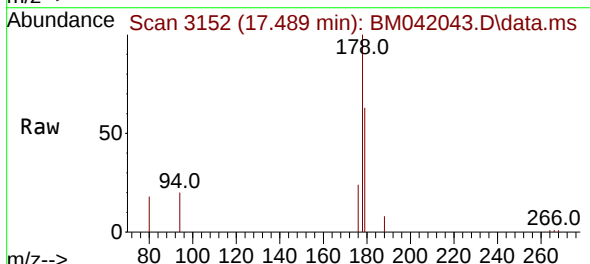
Tgt Ion:178 Resp: 46372
Ion Ratio Lower Upper
178 100
179 17.7 12.7 19.1
176 21.1 16.6 24.8

Manual Integrations
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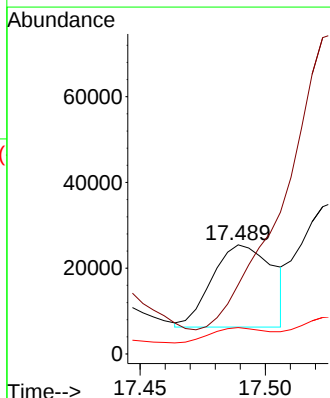
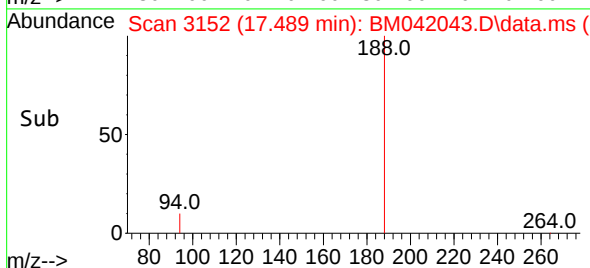
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023

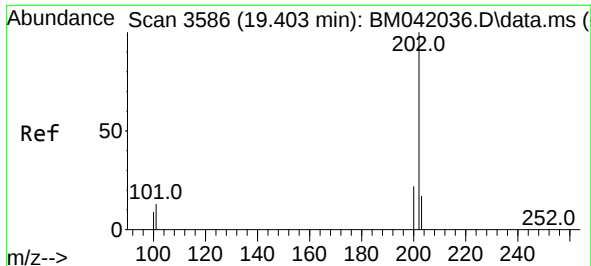


#16
Anthracene
Concen: 0.754 ng/ul m
RT: 17.489 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36



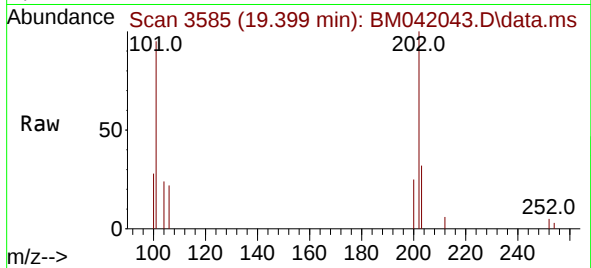
Tgt Ion:178 Resp: 32592
Ion Ratio Lower Upper
178 100
179 63.4 12.9 19.3#
176 24.2 16.2 24.2





#19
Fluoranthene
Concen: 0.281 ng/ul m
RT: 19.399 min Scan# 3586
Delta R.T. -0.004 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36

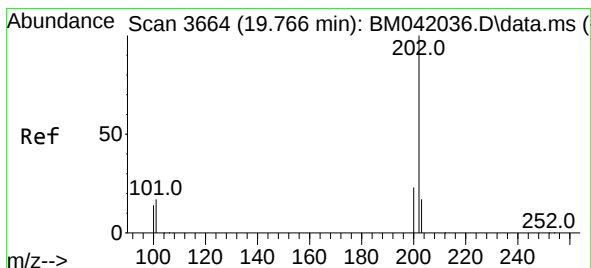
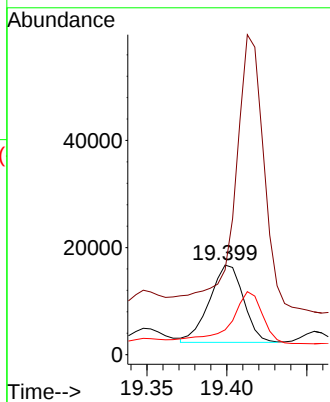
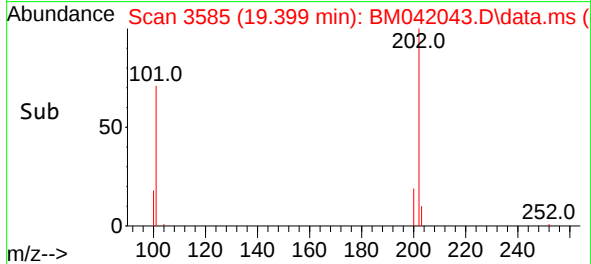
Instrument :
BNA_M
ClientSampleId :
BBHJ4



Tgt Ion:202 Resp: 2133
Ion Ratio Lower Upper
202 100
101 94.6 11.8 17.6
100 27.6 9.1 13.7

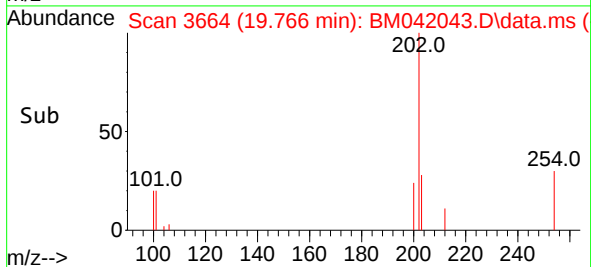
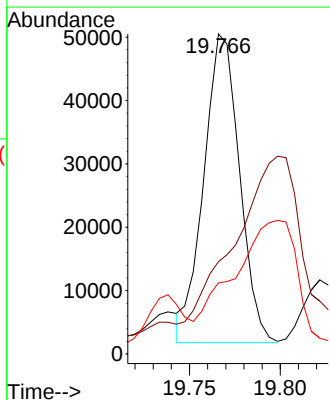
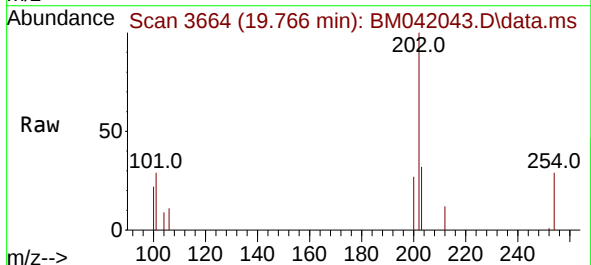
Manual Integrations
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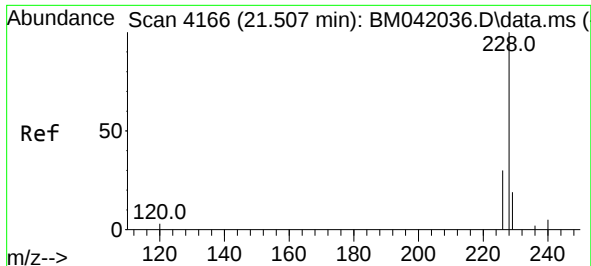
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023



#20
Pyrene
Concen: 0.896 ng/ul m
RT: 19.766 min Scan# 3664
Delta R.T. -0.004 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36

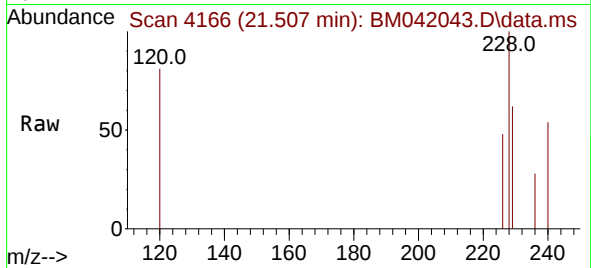
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Ion Ratio Lower Upper
202 100
101 28.8 14.1 21.1#
100 22.2 11.4 17.0#





#21
Benzo(a)anthracene
Concen: 0.067 ng/ul m
RT: 21.507 min Scan# 4166
Delta R.T. 0.000 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36

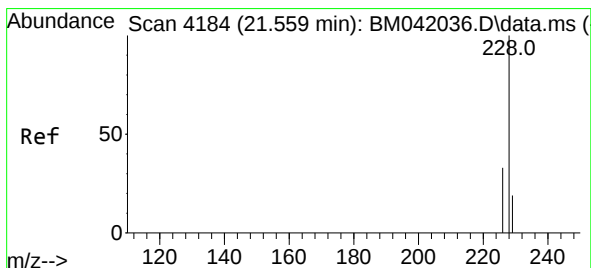
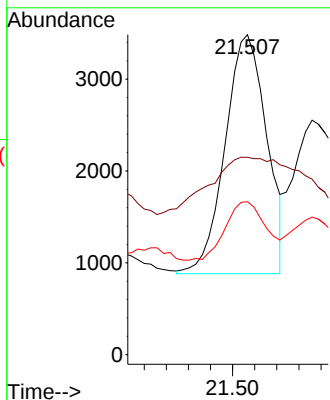
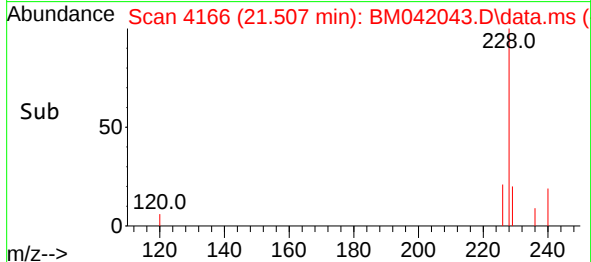
Instrument :
BNA_M
ClientSampleId :
BBHJ4



Tgt Ion:228 Resp: 340
Ion Ratio Lower Upper
228 100
229 61.7 15.5 23.3#
226 47.8 24.8 37.2#

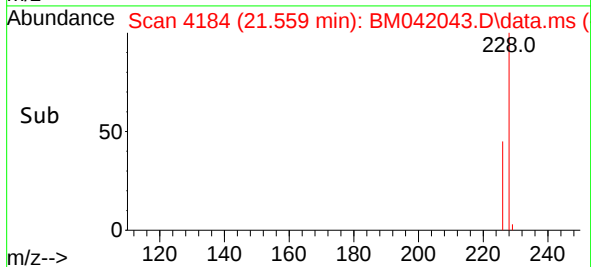
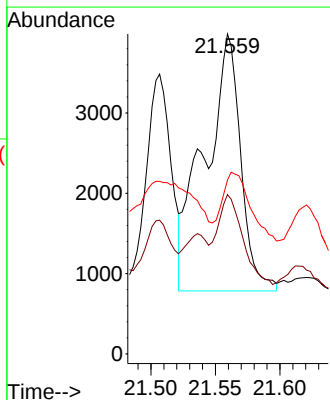
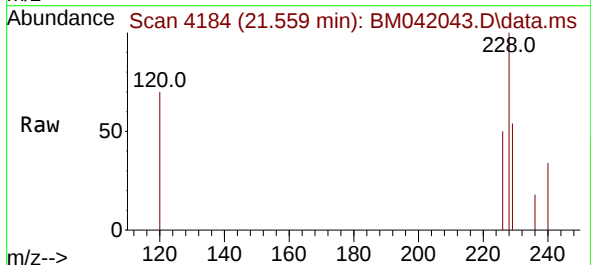
Manual Integrations
APPROVED

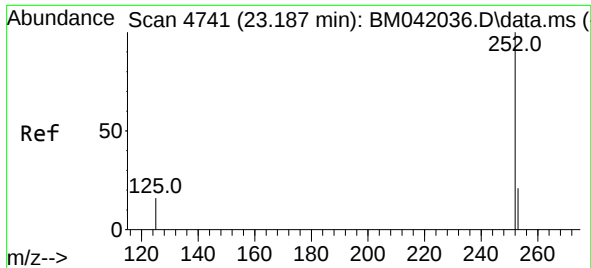
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023



#22
Chrysene
Concen: 0.119 ng/ul m
RT: 21.559 min Scan# 4184
Delta R.T. -0.003 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36

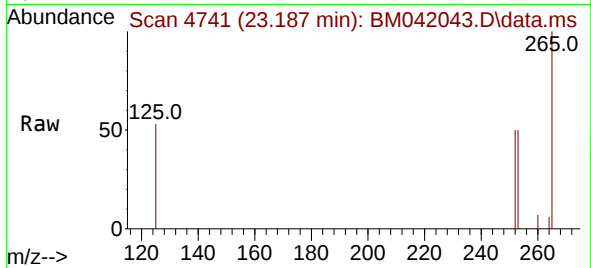
Tgt Ion:228 Resp: 6227
Ion Ratio Lower Upper
228 100
226 49.8 27.8 41.6#
229 54.4 15.6 23.4#





#24
Benzo(b)fluoranthene
Concen: 0.046 ng/ul m
RT: 23.187 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36

Instrument :
BNA_M
ClientSampleId :
BBHJ4



Tgt Ion:252 Resp: 2620
Ion Ratio Lower Upper
252 100
253 99.5 0.0 54.4
125 106.1 0.0 46.2

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