

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042044.D
 Acq On : 25 Sep 2023 22:13
 Operator : MA/JU
 Sample : 04429-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBM3

Manual Integrations
 APPROVED

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

Quant Time: Sep 26 02:20:37 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	5128	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.763	136	13418	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.597	164	6500	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	12880	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.521	240	7514	0.400	ng/ul	0.00
23) Perylene-d12	23.930	264	6974	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	23952	3.428	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	939	0.056	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	1442	0.047	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	14845	2.019	ng/ul#	90
5) Naphthalene	10.812	128	513214	11.417	ng/ul	99
7) 2-Methylnaphthalene	12.418	142	162550	6.066	ng/ul	99
8) 1-Methylnaphthalene	12.638	142	105466	3.877	ng/ul	91
11) Acenaphthene	14.657	153	5336	0.160	ng/ul	96
12) Fluorene	15.642	166	4074	0.108	ng/ul#	85
14) Pentachlorophenol	16.978	266	10462	1.536	ng/ul	100
15) Phenanthrene	17.388	178	9364	0.157	ng/ul#	87
19) Fluoranthene	19.399	202	2768	0.033	ng/ul#	1
20) Pyrene	19.766	202	2778m	0.033	ng/ul	

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

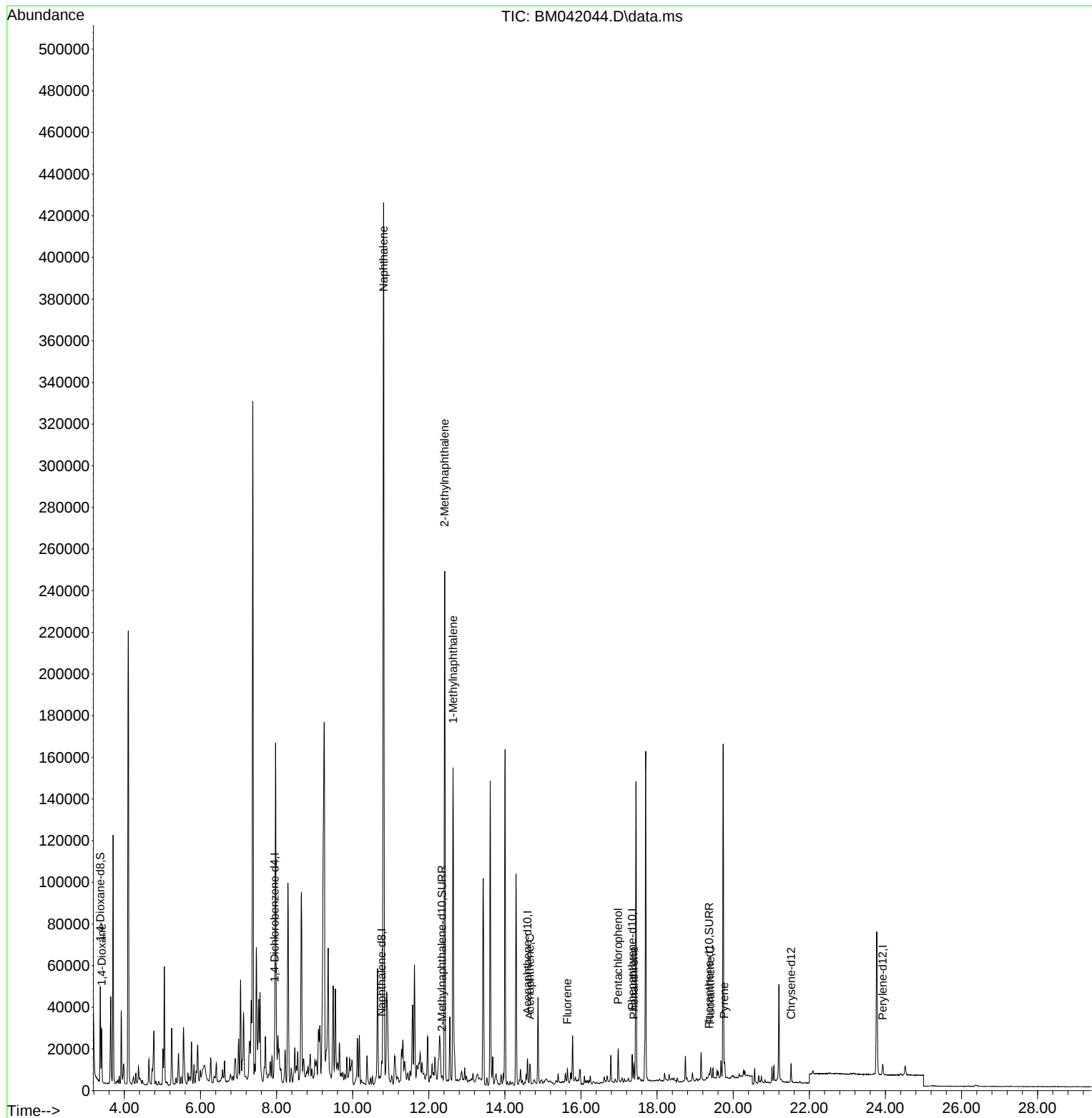
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042044.D
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Sample : 04429-11
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ALS Vial : 22 Sample Multiplier: 1

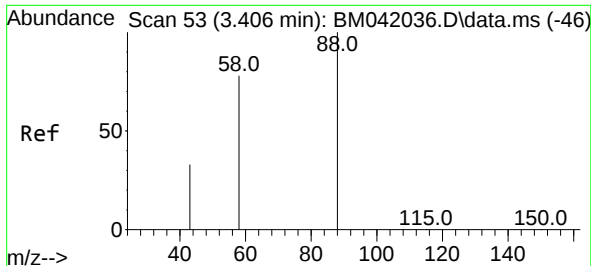
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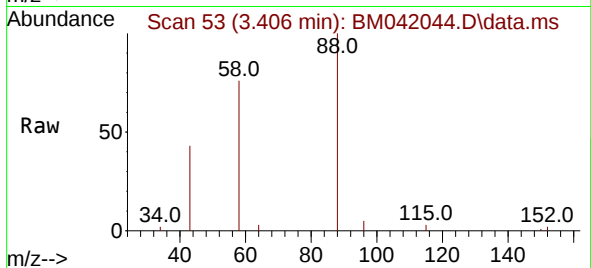
Quant Time: Sep 26 02:20:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.019 ng/ul
RT: 3.406 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042044.D
Acq: 25 Sep 2023 22:13

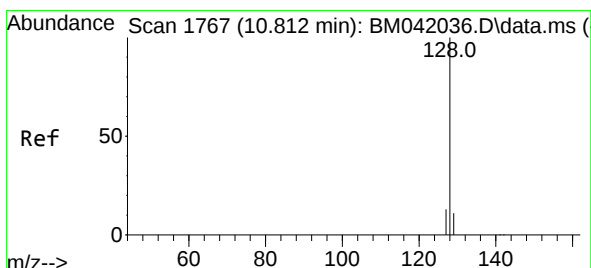
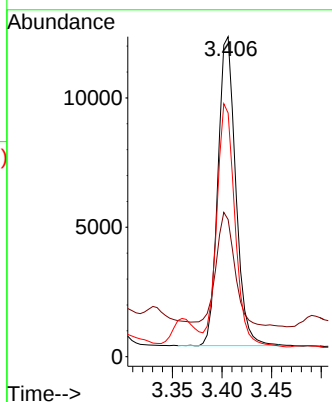
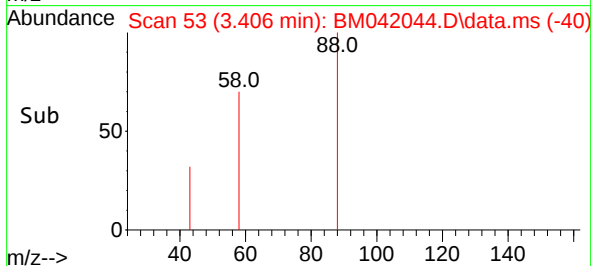
Instrument :
BNA_M
ClientSampleId :
BBBM3



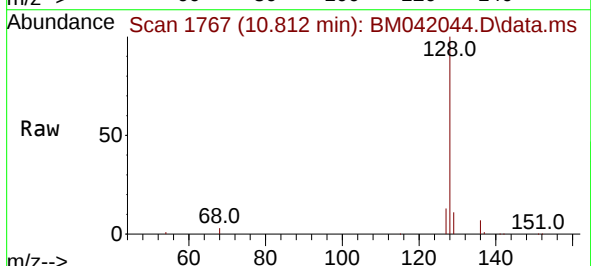
Tgt Ion: 88 Resp: 1484
Ion Ratio Lower Upper
88 100
43 42.8 42.9 64.3
58 76.2 56.4 84.6

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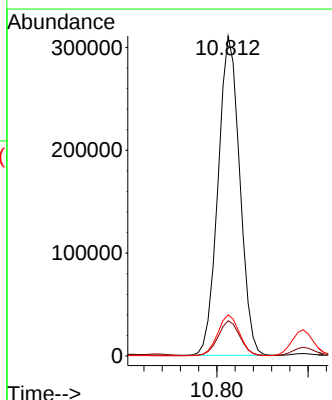
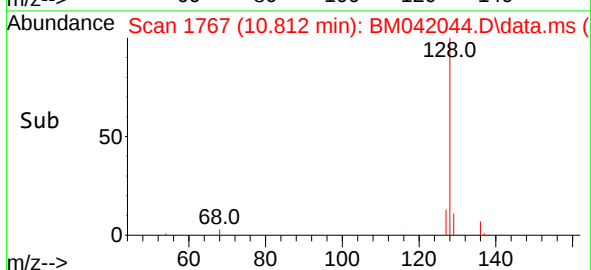
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023

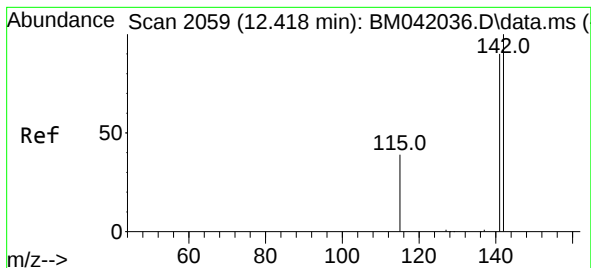


#5
Naphthalene
Concen: 11.417 ng/ul
RT: 10.812 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BM042044.D
Acq: 25 Sep 2023 22:13



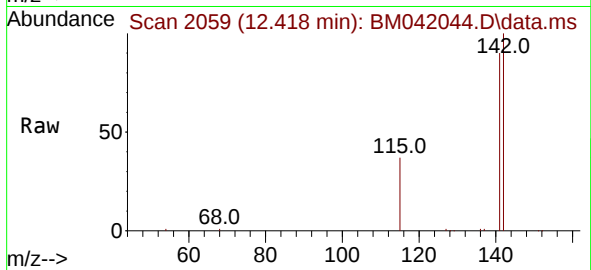
Tgt Ion:128 Resp: 513214
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 12.9 10.8 16.2





#7
2-Methylnaphthalene
Concen: 6.066 ng/ul
RT: 12.418 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BM042044.D
Acq: 25 Sep 2023 22:13

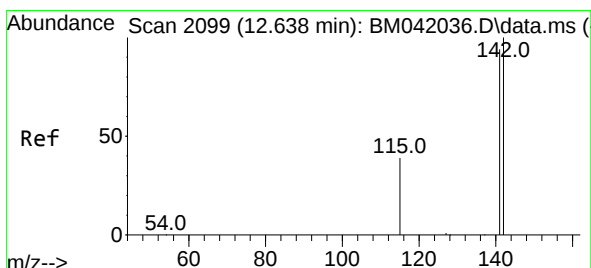
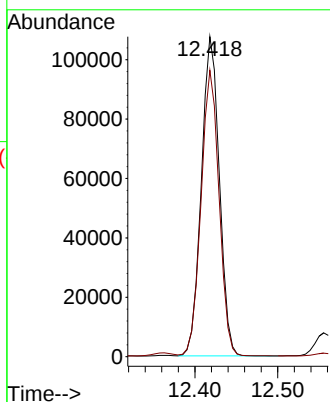
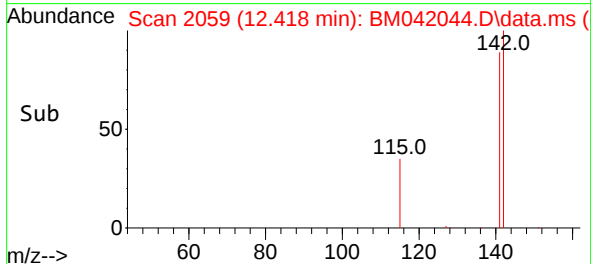
Instrument :
BNA_M
ClientSampleId :
BBBM3



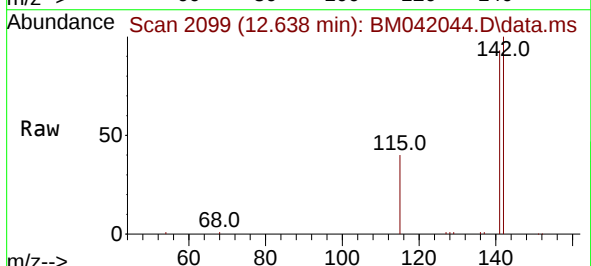
Tgt Ion:142 Resp: 162550
Ion Ratio Lower Upper
142 100
141 89.6 72.1 108.1

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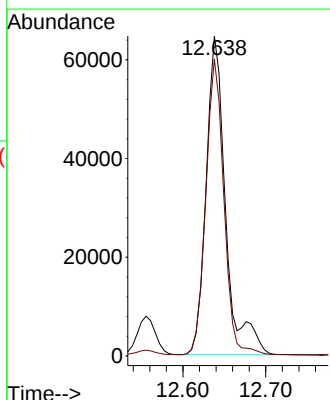
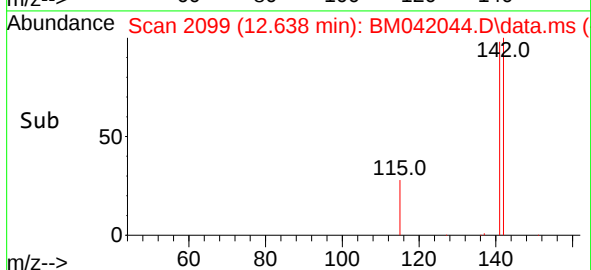
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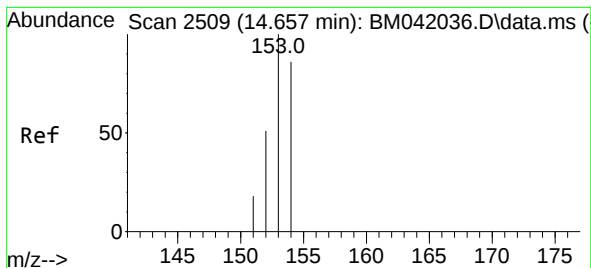


#8
1-Methylnaphthalene
Concen: 3.877 ng/ul
RT: 12.638 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BM042044.D
Acq: 25 Sep 2023 22:13



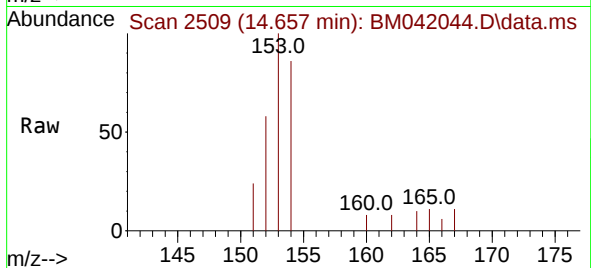
Tgt Ion:142 Resp: 105466
Ion Ratio Lower Upper
142 100
141 85.4 75.1 112.7





#11
Acenaphthene
Concen: 0.160 ng/uI
RT: 14.657 min Scan# 2509
Delta R.T. -0.004 min
Lab File: BM042044.D
Acq: 25 Sep 2023 22:13

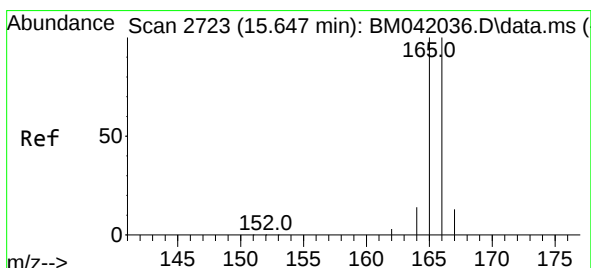
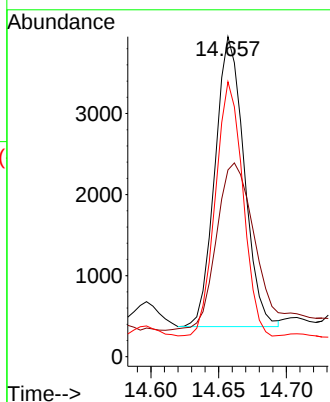
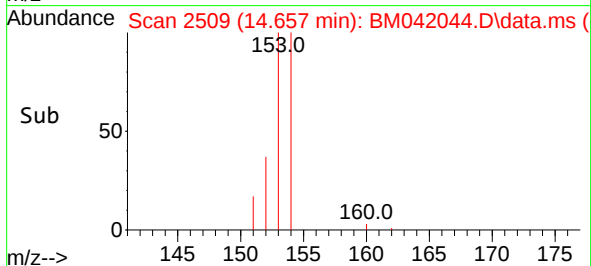
Instrument :
BNA_M
ClientSampleId :
BBBM3



Tgt Ion:153 Resp: 5330
Ion Ratio Lower Upper
153 100
152 58.4 41.8 62.8
154 85.9 69.0 103.6

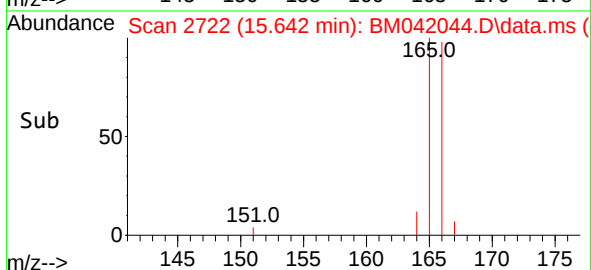
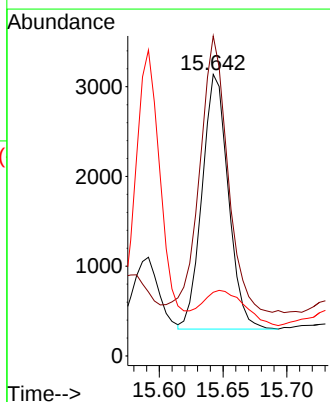
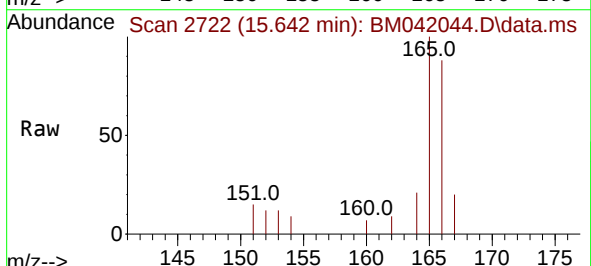
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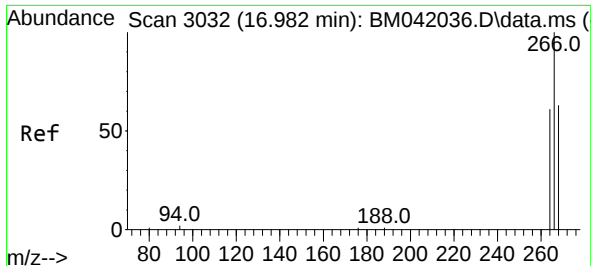
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#12
Fluorene
Concen: 0.108 ng/uI
RT: 15.642 min Scan# 2722
Delta R.T. -0.009 min
Lab File: BM042044.D
Acq: 25 Sep 2023 22:13

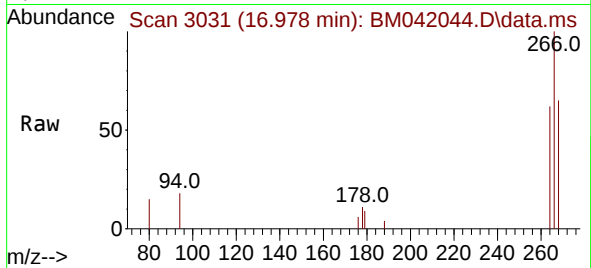
Tgt Ion:166 Resp: 4074
Ion Ratio Lower Upper
166 100
165 113.6 79.8 119.8
167 22.6 11.1 16.7#





#14
Pentachlorophenol
Concen: 1.536 ng/ul
RT: 16.978 min Scan# 3032
Delta R.T. -0.004 min
Lab File: BM042044.D
Acq: 25 Sep 2023 22:13

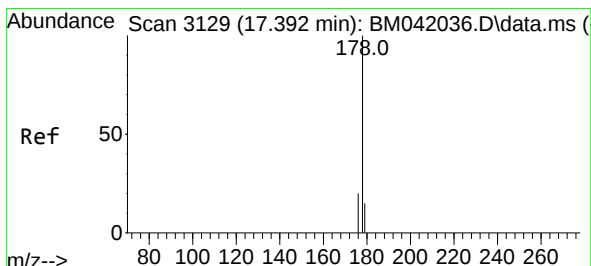
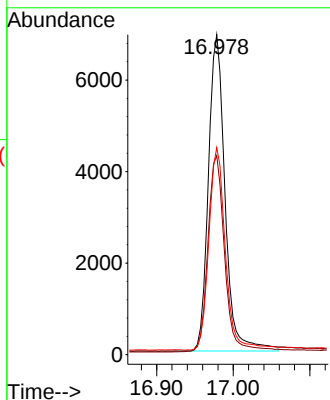
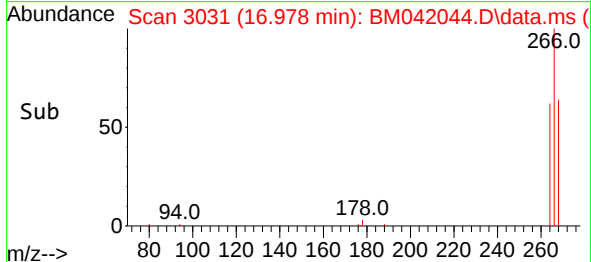
Instrument :
BNA_M
ClientSampleId :
BBBM3



Tgt Ion:266 Resp: 10462
Ion Ratio Lower Upper
266 100
264 62.6 50.2 75.4
268 64.1 51.0 76.4

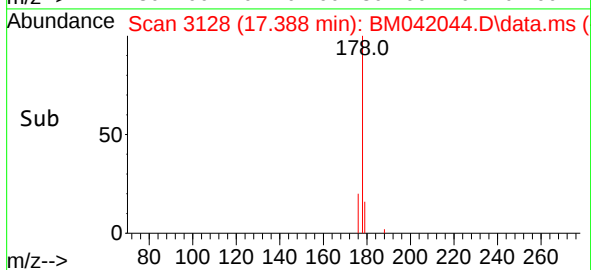
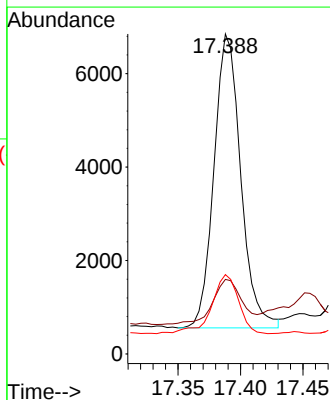
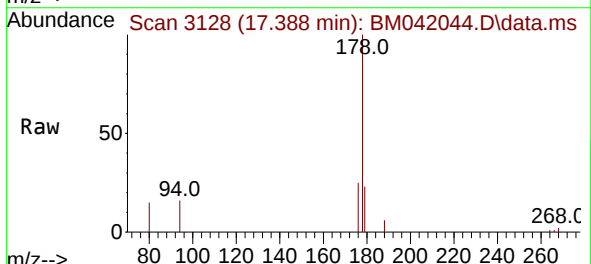
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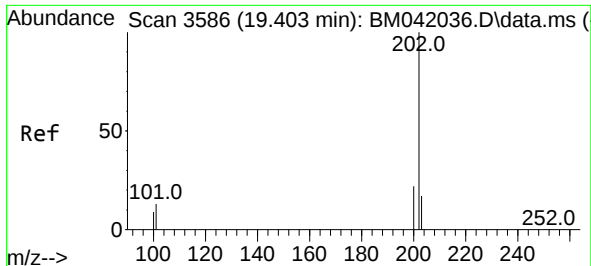
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#15
Phenanthrene
Concen: 0.157 ng/ul
RT: 17.388 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BM042044.D
Acq: 25 Sep 2023 22:13

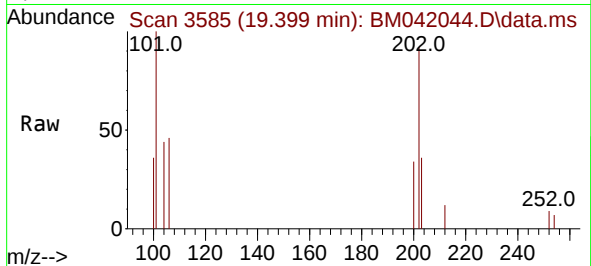
Tgt Ion:178 Resp: 9364
Ion Ratio Lower Upper
178 100
179 23.3 12.7 19.1#
176 24.8 16.6 24.8





#19
Fluoranthene
Concen: 0.033 ng/ul
RT: 19.399 min Scan# 3586
Delta R.T. -0.004 min
Lab File: BM042044.D
Acq: 25 Sep 2023 22:13

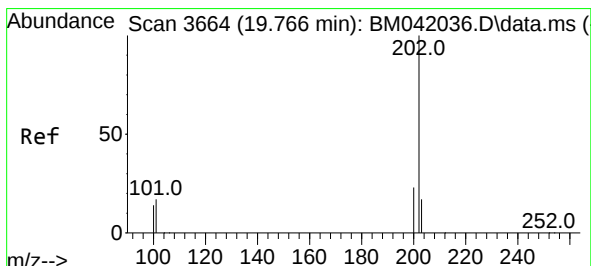
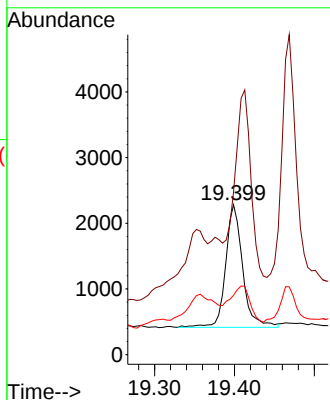
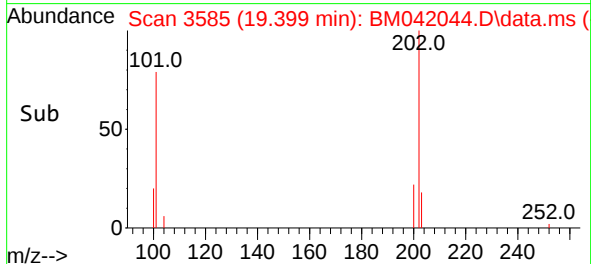
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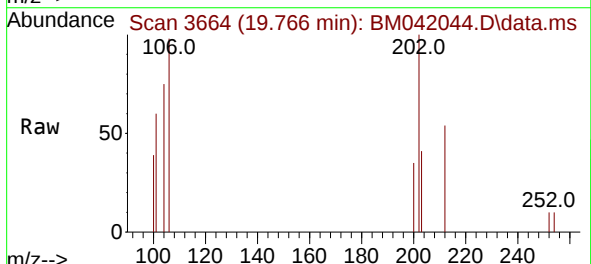
Tgt Ion:202 Resp: 2768
Ion Ratio Lower Upper
202 100
101 108.6 11.8 17.6
100 39.6 9.1 13.7

Manual Integrations
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Supervised By :mohammad ahmed 09/28/2023



#20
Pyrene
Concen: 0.033 ng/ul m
RT: 19.766 min Scan# 3664
Delta R.T. -0.004 min
Lab File: BM042044.D
Acq: 25 Sep 2023 22:13



Tgt Ion:202 Resp: 2778
Ion Ratio Lower Upper
202 100
101 60.0 14.1 21.1#
100 39.2 11.4 17.0#

