

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042030.D
 Acq On : 25 Sep 2023 13:09
 Operator : MA/JU
 Sample : 04429-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBKJ4

Manual Integrations
 APPROVED

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

Quant Time: Sep 25 14:14:32 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	11074	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.773	136	19981	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.597	164	11018m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	16122	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.521	240	7370	0.400	ng/ul	# 0.00
23) Perylene-d12	23.930	264	8115	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	39327	2.606	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	8546	0.342	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	11625	0.383	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	15984	1.007	ng/ul#	1
5) Naphthalene	10.823	128	278509	4.161	ng/ul	99
7) 2-Methylnaphthalene	12.429	142	141554	3.548	ng/ul	98
8) 1-Methylnaphthalene	12.643	142	90551	2.235	ng/ul	82
10) Acenaphthylene	14.347	152	35630	0.483	ng/ul#	87
11) Acenaphthene	14.652	153	8019	0.142	ng/ul#	59
12) Fluorene	15.647	166	12508	0.196	ng/ul#	88
14) Pentachlorophenol	16.987	266	279029	32.722	ng/ul	100

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

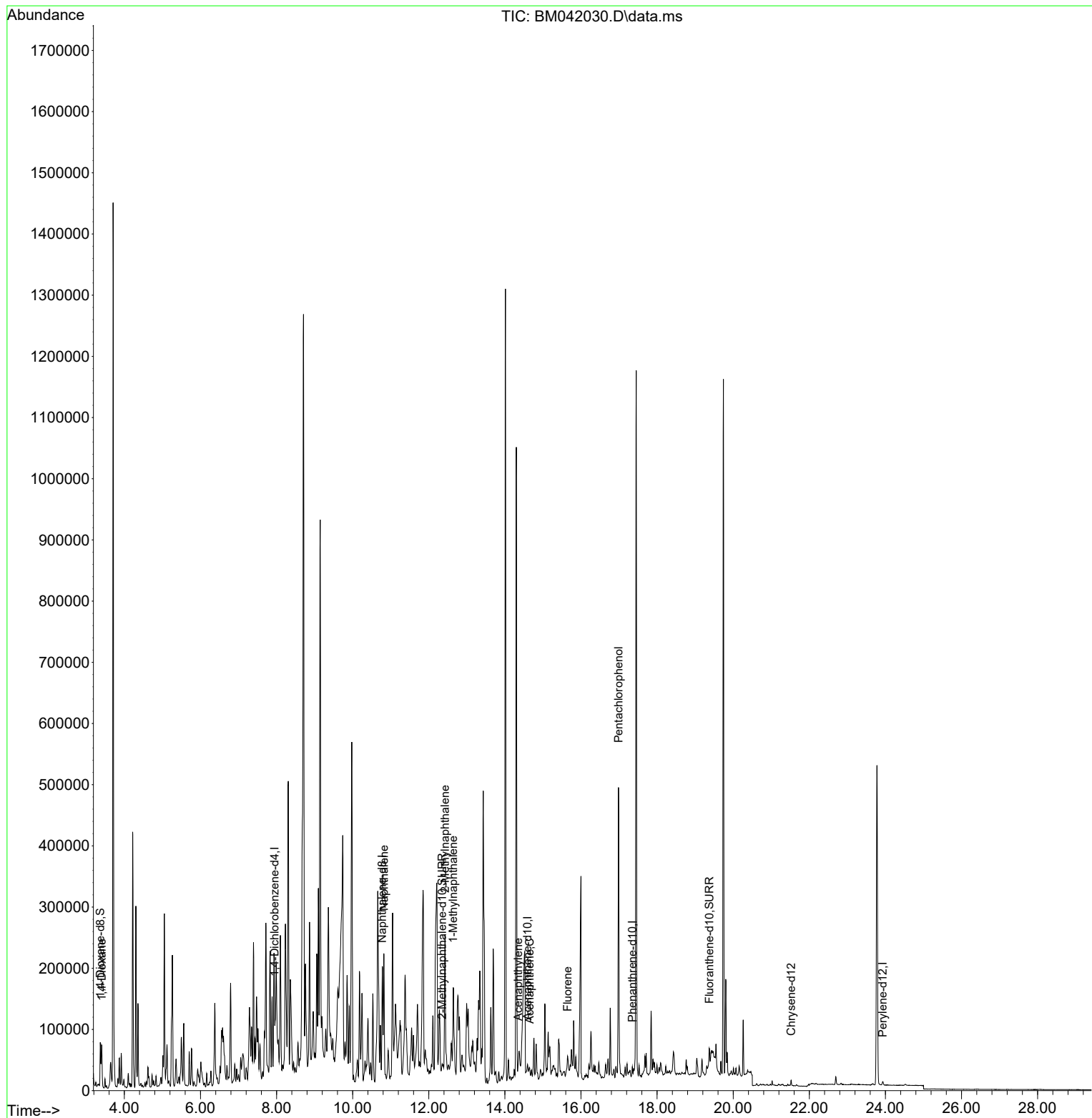
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042030.D
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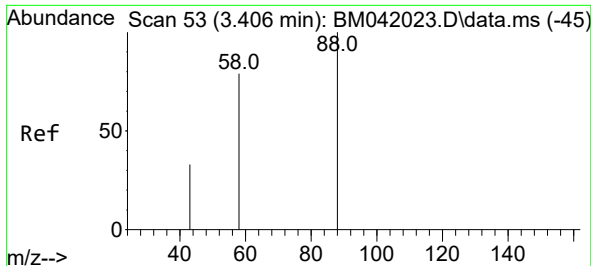
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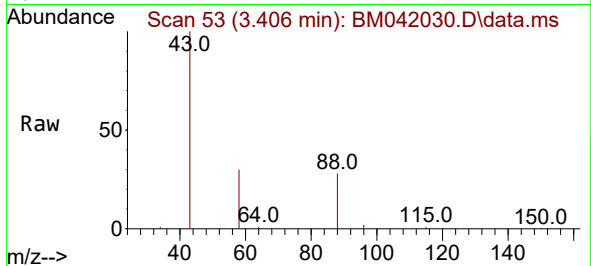
Quant Time: Sep 25 14:14:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.007 ng/ul
RT: 3.406 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042030.D
Acq: 25 Sep 2023 13:09

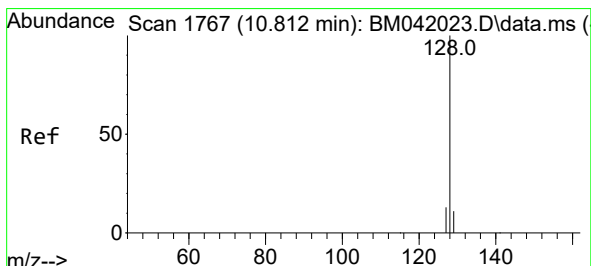
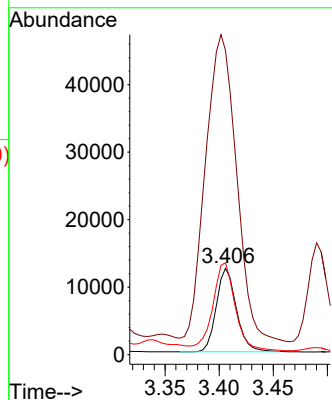
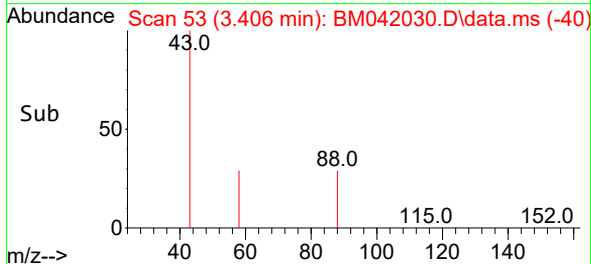
Instrument :
BNA_M
ClientSampleId :
BBKJ4



Tgt Ion: 88 Resp: 15984
Ion Ratio Lower Upper
88 100
43 352.3 42.9 64.3
58 106.3 56.4 84.6

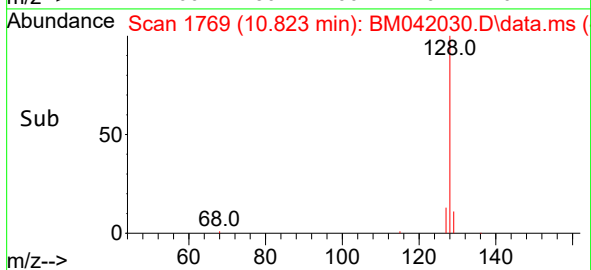
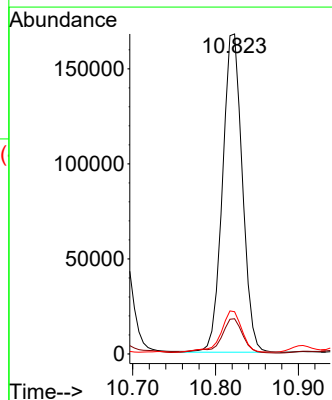
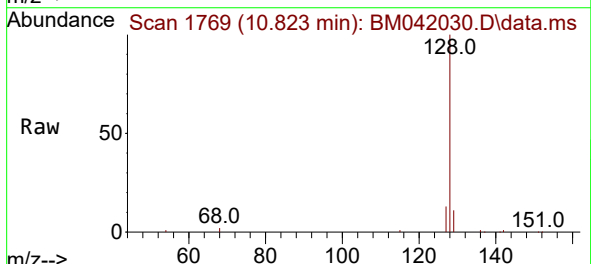
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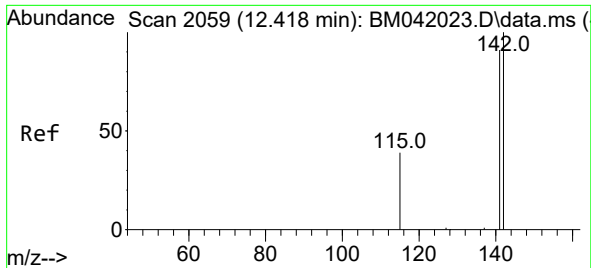
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023



#5
Naphthalene
Concen: 4.161 ng/ul
RT: 10.823 min Scan# 1769
Delta R.T. 0.005 min
Lab File: BM042030.D
Acq: 25 Sep 2023 13:09

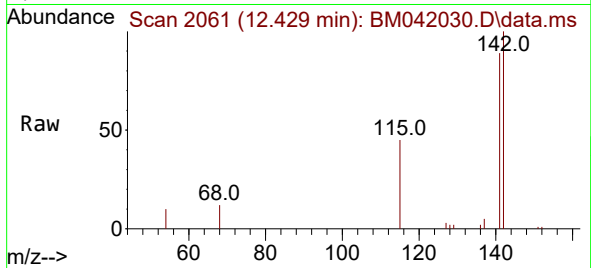
Tgt Ion:128 Resp: 278509
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.2 10.8 16.2





#7
2-Methylnaphthalene
Concen: 3.548 ng/ul
RT: 12.429 min Scan# 2059
Delta R.T. 0.005 min
Lab File: BM042030.D
Acq: 25 Sep 2023 13:09

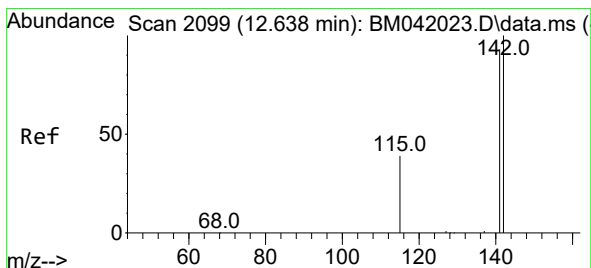
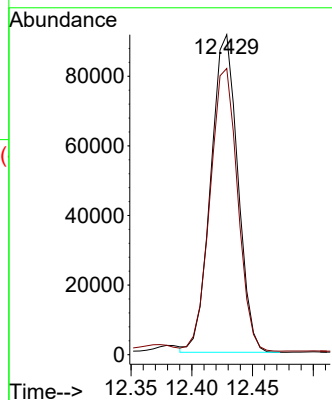
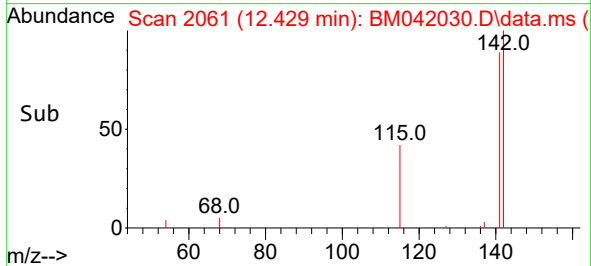
Instrument :
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ClientSampleId :
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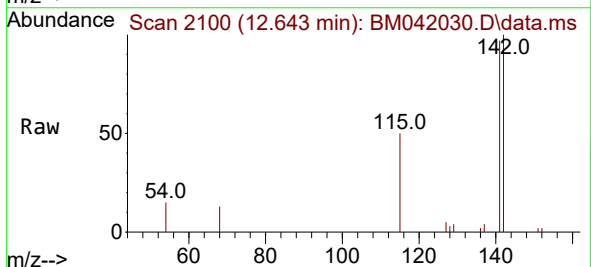
Tgt Ion:142 Resp: 141554
Ion Ratio Lower Upper
142 100
141 92.3 72.1 108.1

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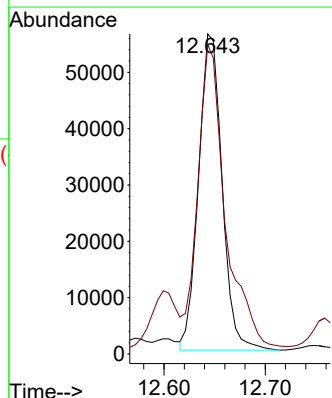
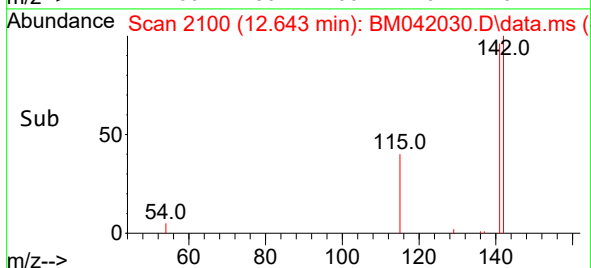
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023

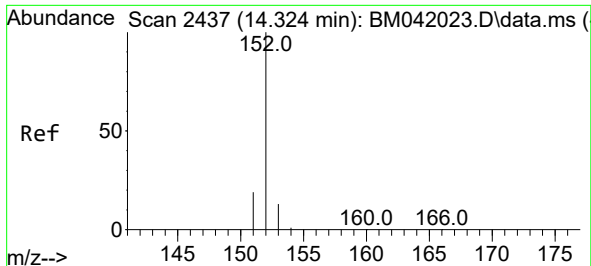


#8
1-Methylnaphthalene
Concen: 2.235 ng/ul
RT: 12.643 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BM042030.D
Acq: 25 Sep 2023 13:09



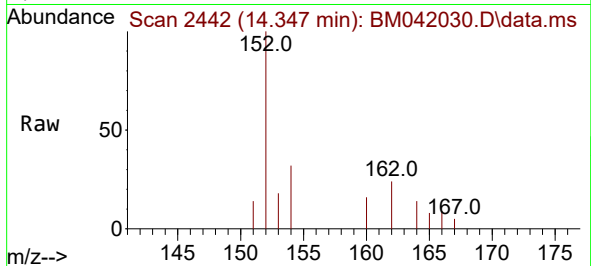
Tgt Ion:142 Resp: 90551
Ion Ratio Lower Upper
142 100
141 111.3 75.1 112.7





#10
Acenaphthylene
Concen: 0.483 ng/ul
RT: 14.347 min Scan# 2437
Delta R.T. 0.018 min
Lab File: BM042030.D
Acq: 25 Sep 2023 13:09

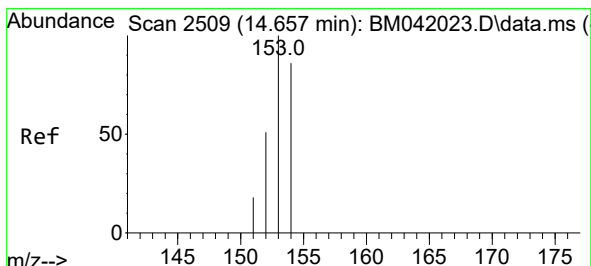
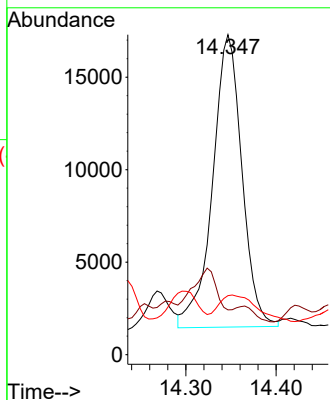
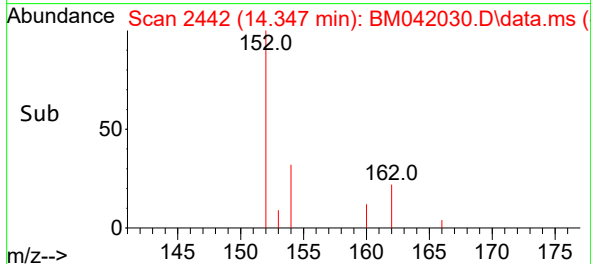
Instrument :
BNA_M
ClientSampleId :
BBKJ4



Tgt Ion:152 Resp: 35630
Ion Ratio Lower Upper
152 100
151 14.0 16.2 24.4#
153 18.4 10.8 16.2#

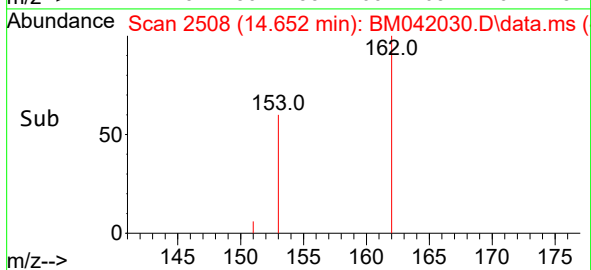
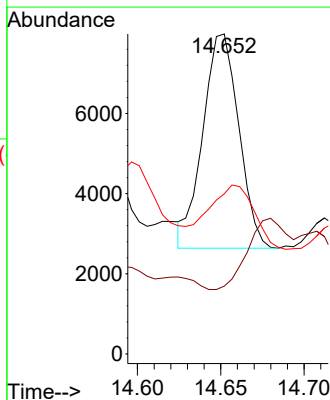
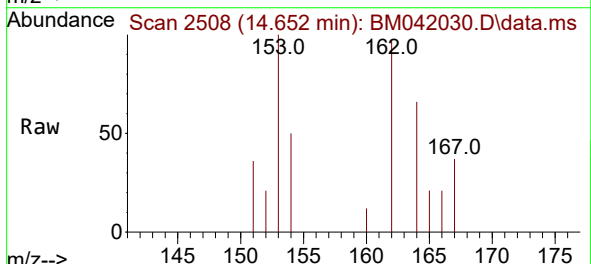
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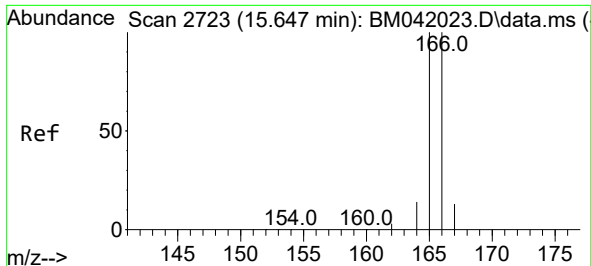
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023



#11
Acenaphthene
Concen: 0.142 ng/ul
RT: 14.652 min Scan# 2508
Delta R.T. -0.009 min
Lab File: BM042030.D
Acq: 25 Sep 2023 13:09

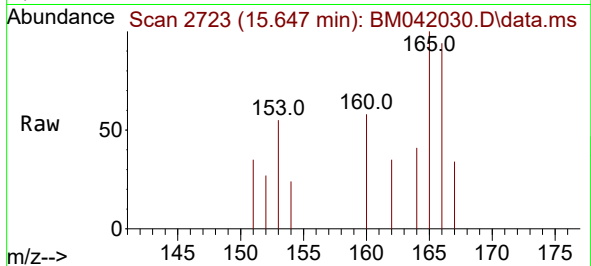
Tgt Ion:153 Resp: 8019
Ion Ratio Lower Upper
153 100
152 21.2 41.8 62.8#
154 50.0 69.0 103.6#





#12
Fluorene
Concen: 0.196 ng/ul
RT: 15.647 min Scan# 2723
Delta R.T. -0.005 min
Lab File: BM042030.D
Acq: 25 Sep 2023 13:09

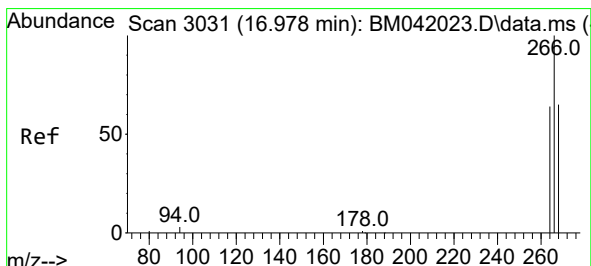
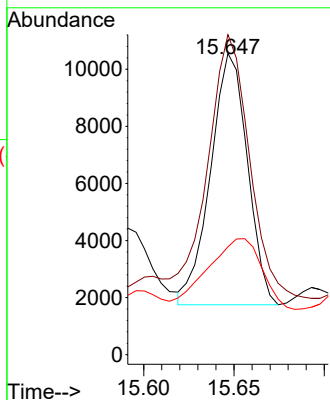
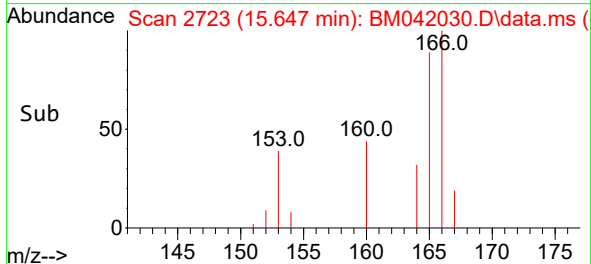
Instrument :
BNA_M
ClientSampleId :
BBKJ4



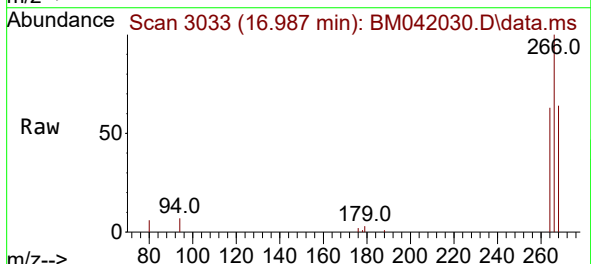
Tgt Ion:166 Resp: 12500
Ion Ratio Lower Upper
166 100
165 106.2 79.8 119.8
167 35.8 11.1 16.7

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



#14
Pentachlorophenol
Concen: 32.722 ng/ul
RT: 16.987 min Scan# 3033
Delta R.T. 0.004 min
Lab File: BM042030.D
Acq: 25 Sep 2023 13:09



Tgt Ion:266 Resp: 279029
Ion Ratio Lower Upper
266 100
264 62.7 50.2 75.4
268 64.1 51.0 76.4

