

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
 Data File : BM042968.D
 Acq On : 23 Nov 2023 00:47
 Operator : MA/JU
 Sample : 05268-03DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKC0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/25/2023
 Supervised By :mohammad ahmed 11/25/2023

Quant Time: Nov 23 01:21:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 22 10:35:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	734	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.618	136	1765	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.461	164	963	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.217	188	2104	0.400	ng/ul	-0.01
17) Chrysene-d12	21.415	240	1333	0.400	ng/ul	0.00
23) Perylene-d12	23.765	264	2821	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	1019	0.883	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	158	0.071	ng/ul	0.00
18) Fluoranthene-d10	19.249	212	433	0.100	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.667	128	35486	6.382	ng/ul#	86
7) 2-Methylnaphthalene	12.306	142	1425	0.438	ng/ul	95
8) 1-Methylnaphthalene	12.515	142	1676	0.490	ng/ul	99
10) Acenaphthylene	14.188	152	960	0.150	ng/ul#	91
11) Acenaphthene	14.525	153	4105	0.915	ng/ul	97
12) Fluorene	15.515	166	2486	0.516	ng/ul	97
14) Pentachlorophenol	16.863	266	2364	2.021	ng/ul	96
15) Phenanthrene	17.260	178	6269	0.848	ng/ul	96
16) Anthracene	17.352	178	803m	0.105	ng/ul	
19) Fluoranthene	19.281	202	458	0.054	ng/ul#	70
20) Pyrene	19.644	202	210	0.023	ng/ul#	14

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

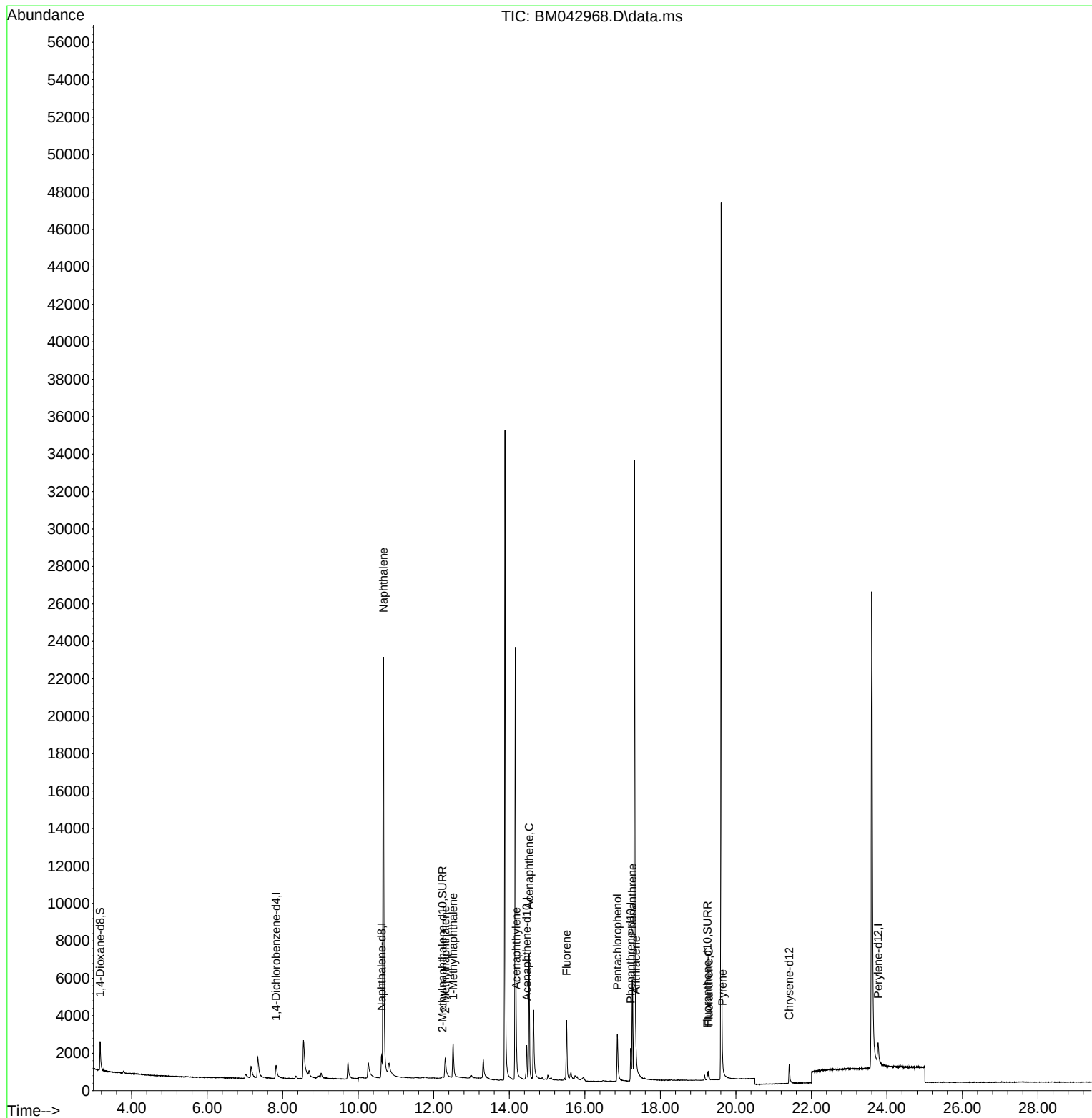
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
Data File : BM042968.D
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Operator : MA/JU
Sample : 05268-03DL 5X
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ALS Vial : 25 Sample Multiplier: 1

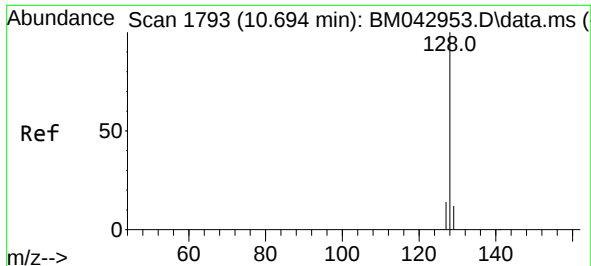
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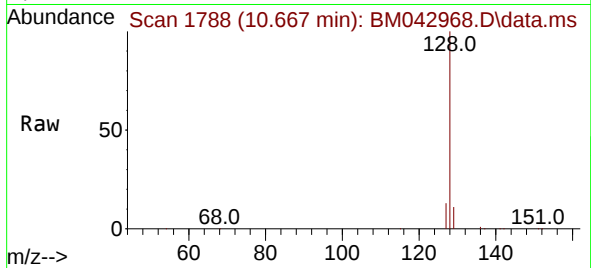
Quant Time: Nov 23 01:21:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 22 10:35:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 6.382 ng/ul
RT: 10.667 min Scan# 1793
Delta R.T. -0.015 min
Lab File: BM042968.D
Acq: 23 Nov 2023 00:47

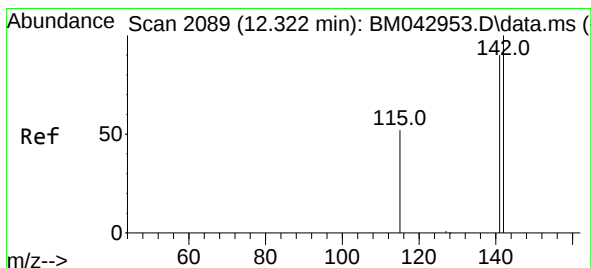
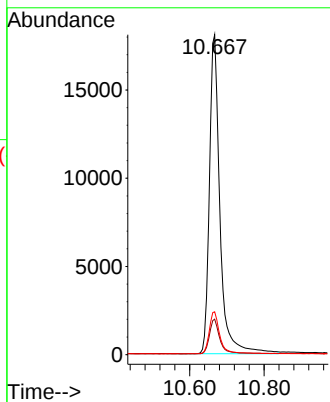
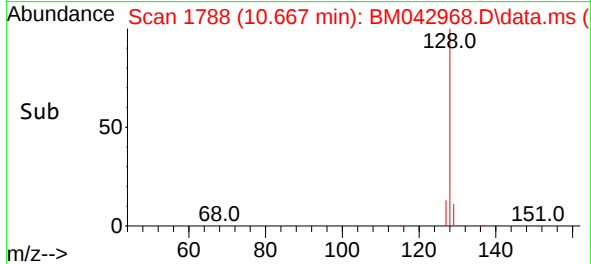
Instrument :
BNA_M
ClientSampleId :
DCKC0DL



Tgt Ion:128 Resp: 35480
Ion Ratio Lower Upper
128 100
129 11.1 14.2 21.4
127 13.4 15.8 23.6

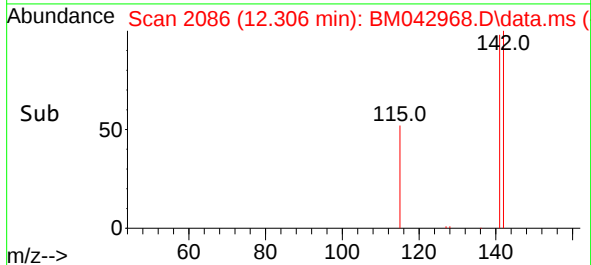
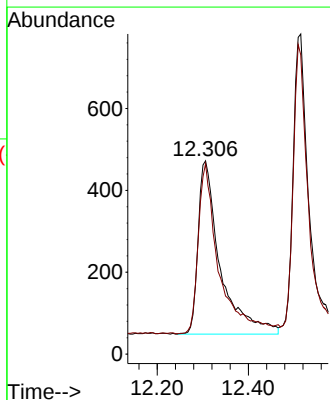
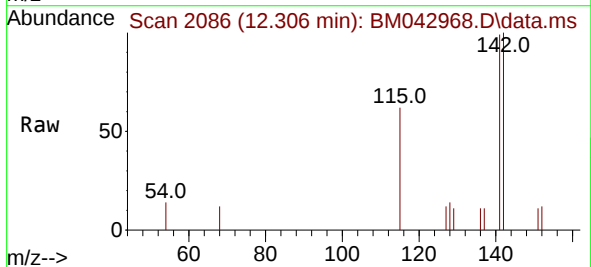
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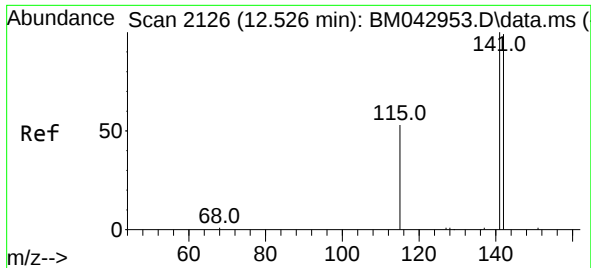
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023



#7
2-Methylnaphthalene
Concen: 0.438 ng/ul
RT: 12.306 min Scan# 2086
Delta R.T. -0.004 min
Lab File: BM042968.D
Acq: 23 Nov 2023 00:47

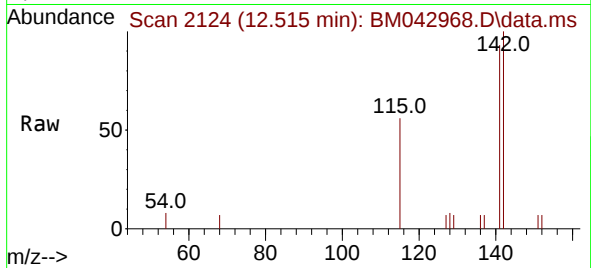
Tgt Ion:142 Resp: 1425
Ion Ratio Lower Upper
142 100
141 91.9 77.2 115.8





#8
1-Methylnaphthalene
Concen: 0.490 ng/ul
RT: 12.515 min Scan# 2126
Delta R.T. -0.004 min
Lab File: BM042968.D
Acq: 23 Nov 2023 00:47

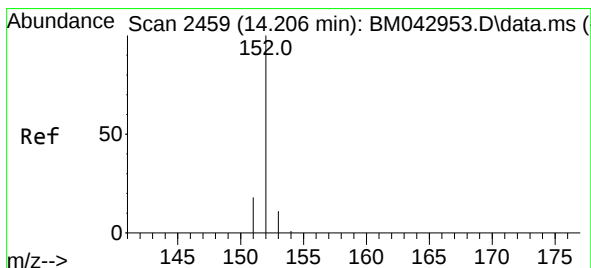
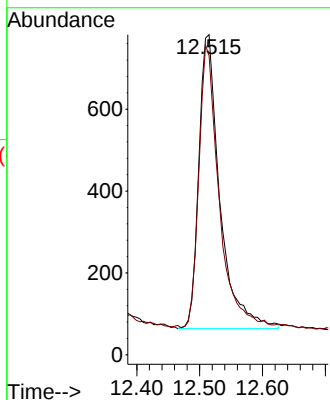
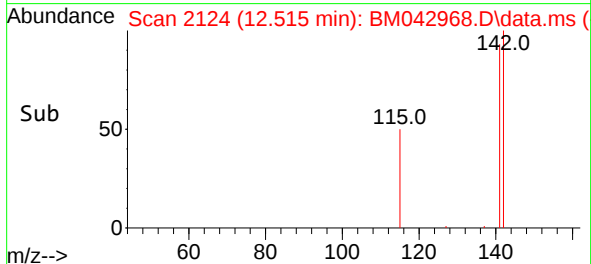
Instrument :
BNA_M
ClientSampleId :
DCKC0DL



Tgt Ion:142 Resp: 1670
Ion Ratio Lower Upper
142 100
141 92.1 74.6 112.0

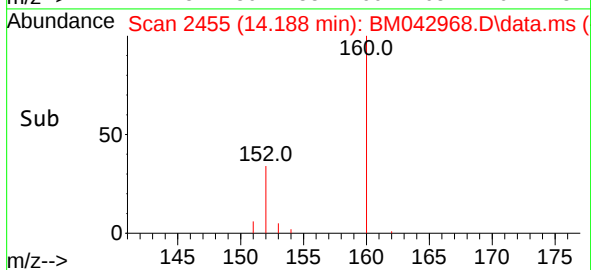
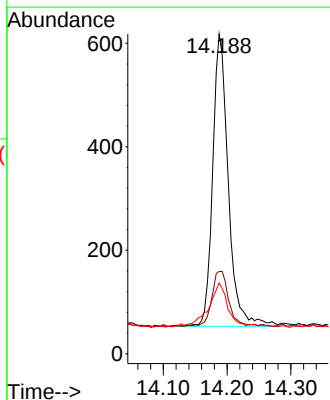
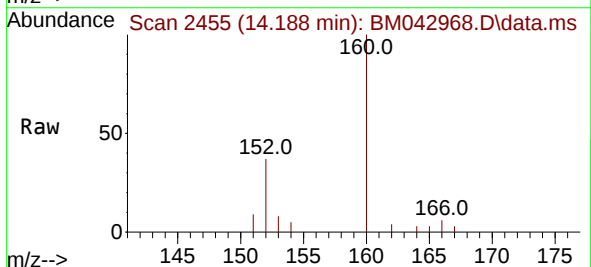
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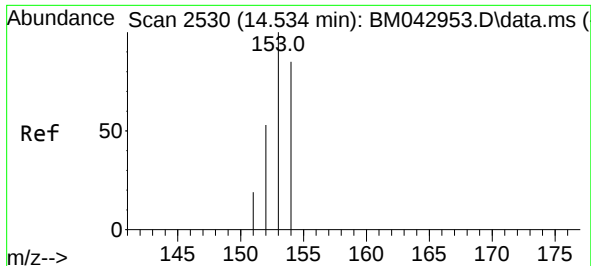
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023



#10
Acenaphthylene
Concen: 0.150 ng/ul
RT: 14.188 min Scan# 2455
Delta R.T. -0.012 min
Lab File: BM042968.D
Acq: 23 Nov 2023 00:47

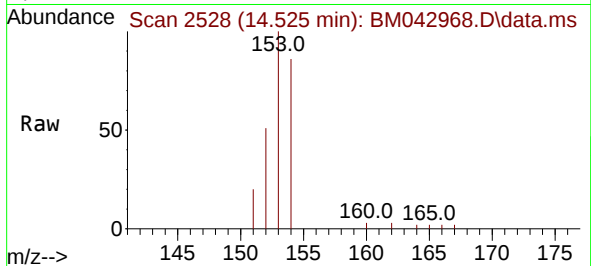
Tgt Ion:152 Resp: 960
Ion Ratio Lower Upper
152 100
151 25.7 18.5 27.7
153 22.2 12.9 19.3#





#11
Acenaphthene
Concen: 0.915 ng/ul
RT: 14.525 min Scan# 2109
Delta R.T. -0.008 min
Lab File: BM042968.D
Acq: 23 Nov 2023 00:47

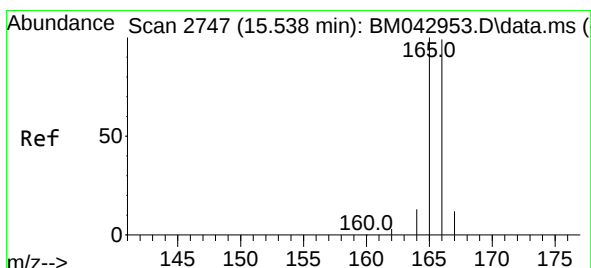
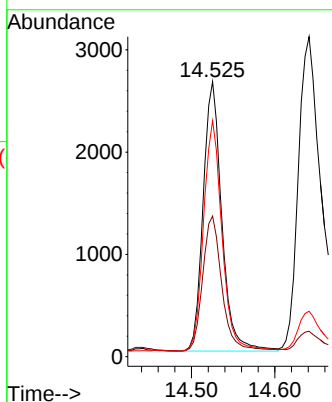
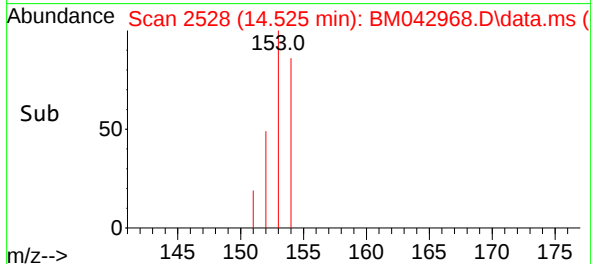
Instrument :
BNA_M
ClientSampleId :
DCKC0DL



Tgt Ion:153 Resp: 4109
Ion Ratio Lower Upper
153 100
152 51.1 43.3 64.9
154 85.8 70.6 105.8

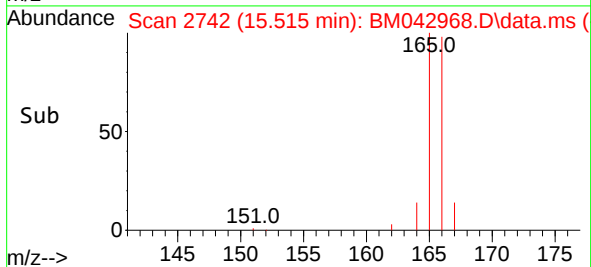
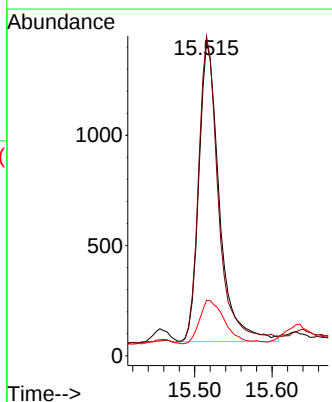
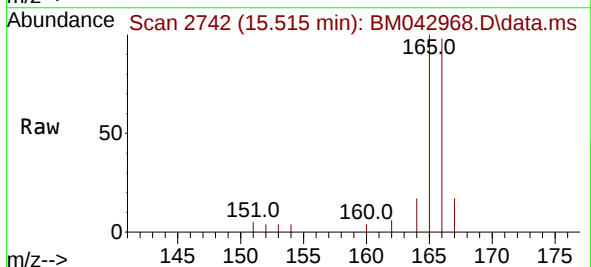
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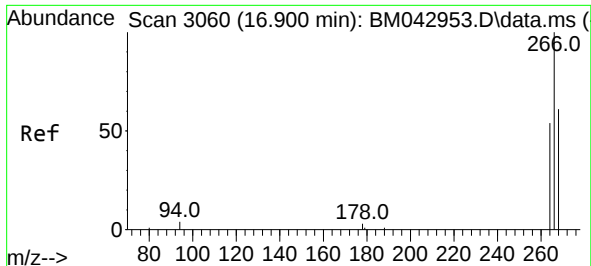
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023



#12
Fluorene
Concen: 0.516 ng/ul
RT: 15.515 min Scan# 2742
Delta R.T. -0.012 min
Lab File: BM042968.D
Acq: 23 Nov 2023 00:47

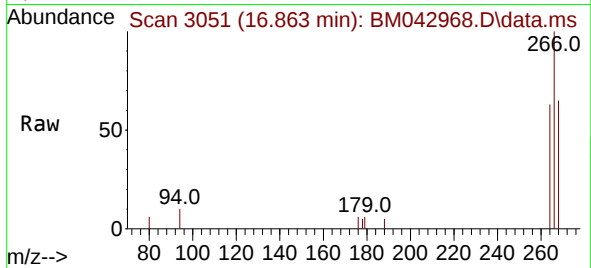
Tgt Ion:166 Resp: 2486
Ion Ratio Lower Upper
166 100
165 101.8 84.3 126.5
167 17.7 15.0 22.6





#14
Pentachlorophenol
Concen: 2.021 ng/ul
RT: 16.863 min Scan# 3060
Delta R.T. -0.028 min
Lab File: BM042968.D
Acq: 23 Nov 2023 00:47

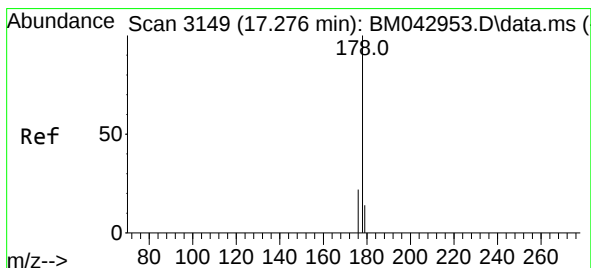
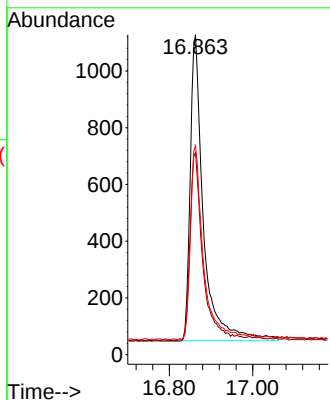
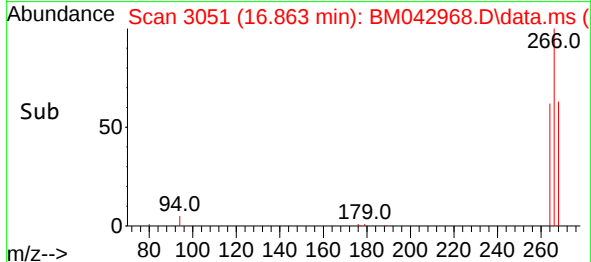
Instrument :
BNA_M
ClientSampleId :
DCKC0DL



Tgt Ion:266 Resp: 2364
Ion Ratio Lower Upper
266 100
264 62.4 52.2 78.2
268 63.8 48.0 72.0

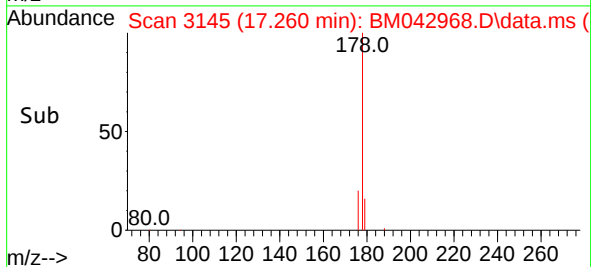
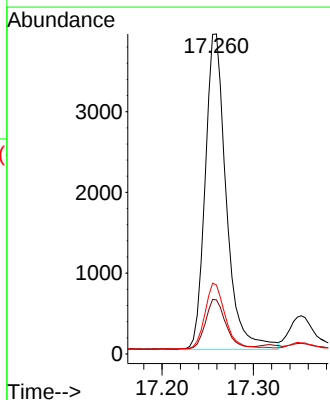
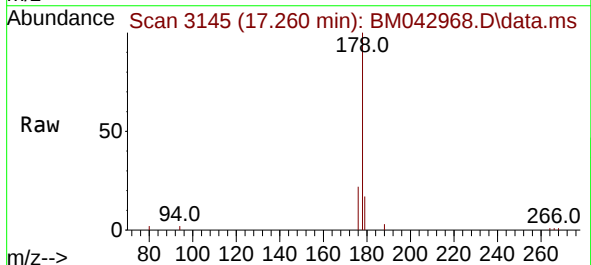
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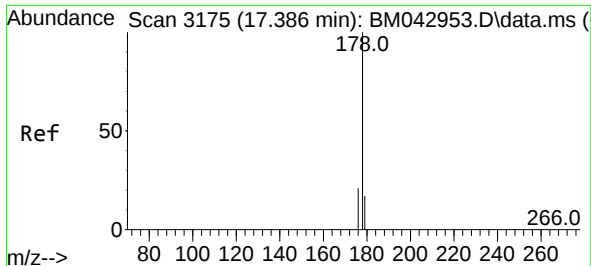
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023



#15
Phenanthrene
Concen: 0.848 ng/ul
RT: 17.260 min Scan# 3145
Delta R.T. -0.011 min
Lab File: BM042968.D
Acq: 23 Nov 2023 00:47

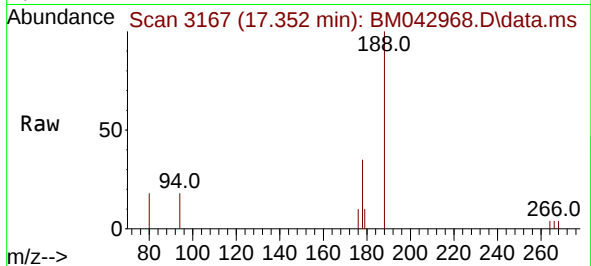
Tgt Ion:178 Resp: 6269
Ion Ratio Lower Upper
178 100
179 16.9 14.9 22.3
176 21.5 18.6 27.8





#16
 Anthracene
 Concen: 0.105 ng/ul m
 RT: 17.352 min Scan# 3175
 Delta R.T. -0.020 min
 Lab File: BM042968.D
 Acq: 23 Nov 2023 00:47

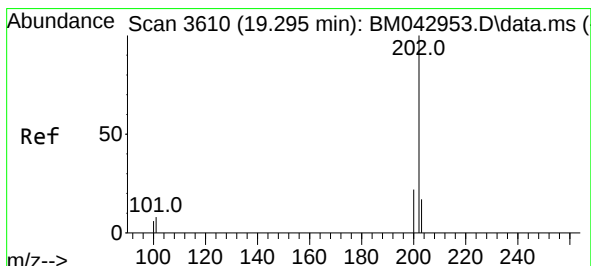
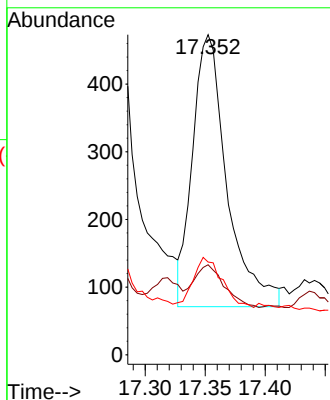
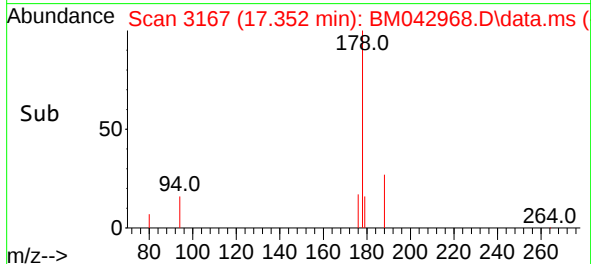
Instrument :
 BNA_M
 ClientSampleId :
 DCKC0DL



Tgt Ion:178 Resp: 800
 Ion Ratio Lower Upper
 178 100
 179 28.1 16.6 24.8#
 176 29.0 20.3 30.5

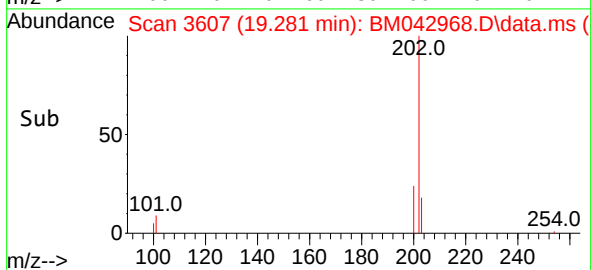
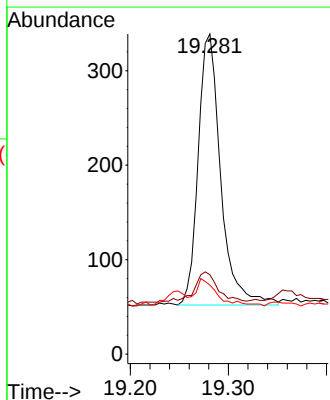
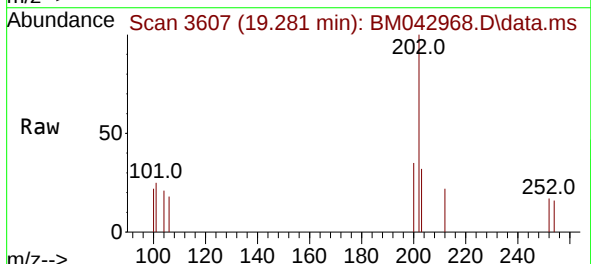
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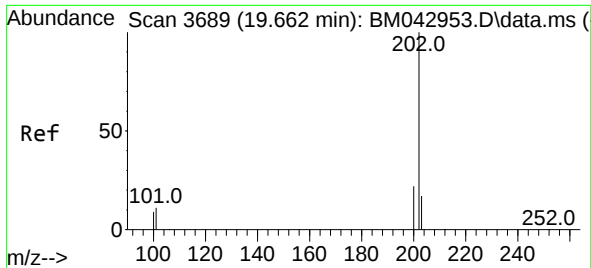
Reviewed By :Yogesh Patel 11/25/2023
 Supervised By :mohammad ahmed 11/25/2023



#19
 Fluoranthene
 Concen: 0.054 ng/ul
 RT: 19.281 min Scan# 3607
 Delta R.T. -0.003 min
 Lab File: BM042968.D
 Acq: 23 Nov 2023 00:47

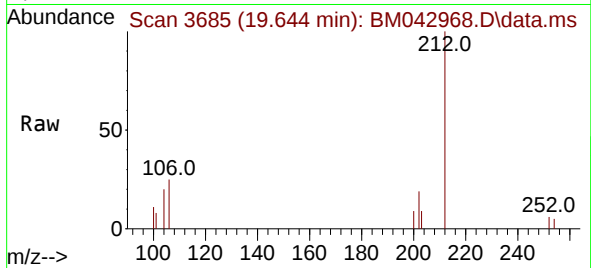
Tgt Ion:202 Resp: 458
 Ion Ratio Lower Upper
 202 100
 101 24.8 10.2 15.4#
 100 21.5 8.2 12.2#





#20
 Pyrene
 Concen: 0.023 ng/ul
 RT: 19.644 min Scan# 30
 Delta R.T. -0.008 min
 Lab File: BM042968.D
 Acq: 23 Nov 2023 00:47

Instrument :
 BNA_M
 ClientSampleId :
 DCKC0DL



Tgt Ion:	202	Resp:	210
Ion Ratio	Lower	Upper	
202	100		
101	40.4	11.2	16.8
100	56.0	10.3	15.5

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