

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
 Data File : BM042949.D
 Acq On : 22 Nov 2023 13:14
 Operator : MA/JU
 Sample : 05268-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKC2

Manual Integrations
 APPROVED

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

Quant Time: Nov 23 00:10:44 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	7.817	152	834	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.618	136	1971	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.465	164	1144	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.217	188	2596m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.412	240	1595m	0.400	ng/ul	0.00
23) Perylene-d12	23.767	264	3715	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	4145	3.163	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	819	0.330	ng/ul	0.00
18) Fluoranthene-d10	19.248	212	2149	0.413	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.667	128	2284	0.368	ng/ul	95
7) 2-Methylnaphthalene	12.300	142	171	0.047	ng/ul	96
8) 1-Methylnaphthalene	12.515	142	132	0.035	ng/ul	87
10) Acenaphthylene	14.188	152	623	0.082	ng/ul#	73
11) Acenaphthene	14.525	153	497	0.093	ng/ul	96
12) Fluorene	15.515	166	7894	1.378	ng/ul	95
14) Pentachlorophenol	16.858	266	9232	6.396	ng/ul	95
15) Phenanthrene	17.259	178	9764	1.071	ng/ul	96
16) Anthracene	17.352	178	946	0.100	ng/ul	93
19) Fluoranthene	19.276	202	1870	0.186	ng/ul#	94
20) Pyrene	19.639	202	1164	0.107	ng/ul#	66

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

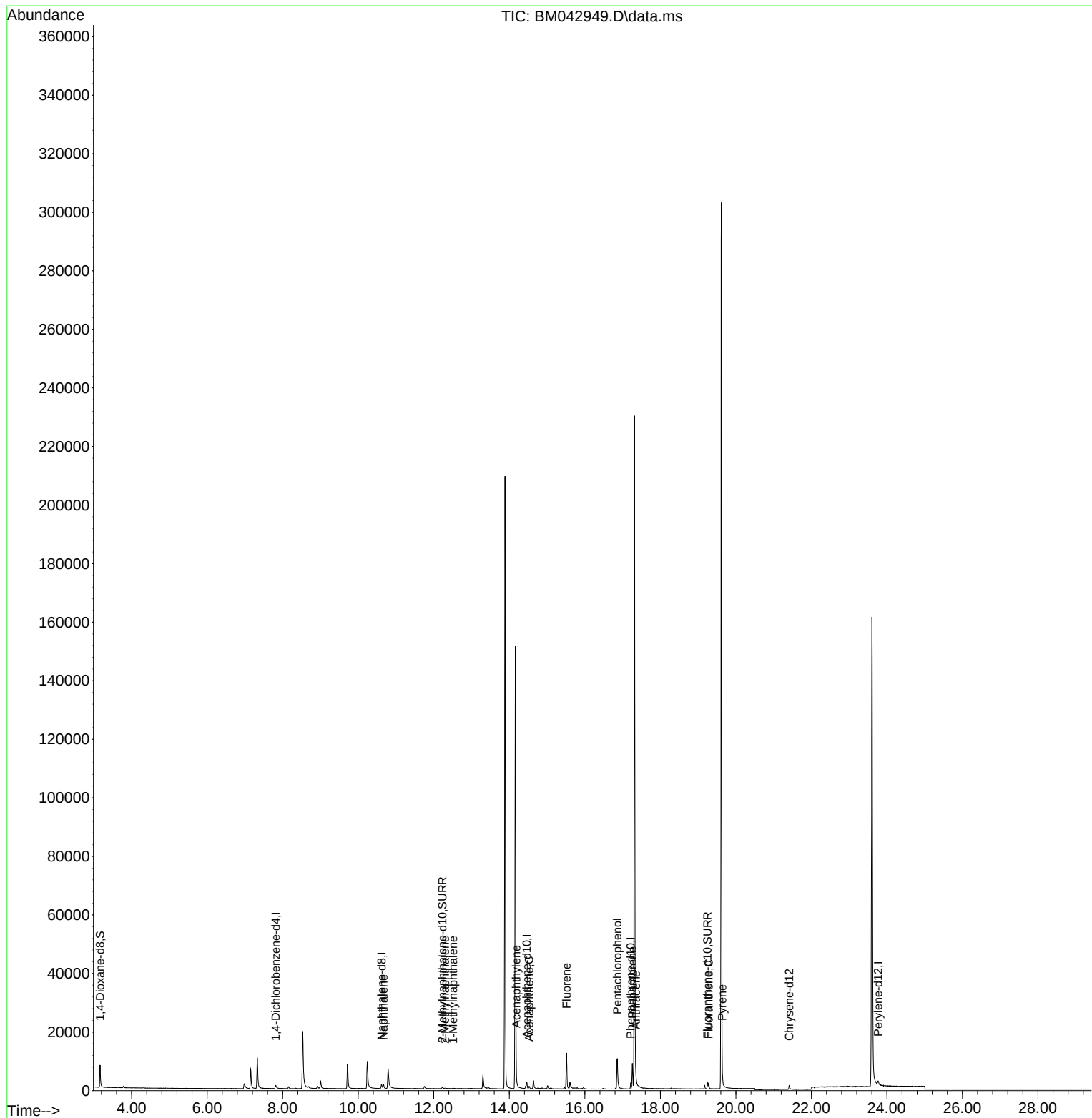
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
Data File : BM042949.D
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Operator : MA/JU
Sample : 05268-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

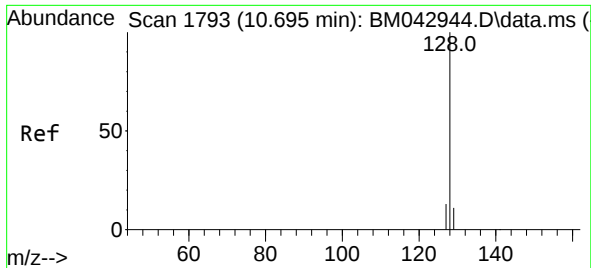
Instrument :
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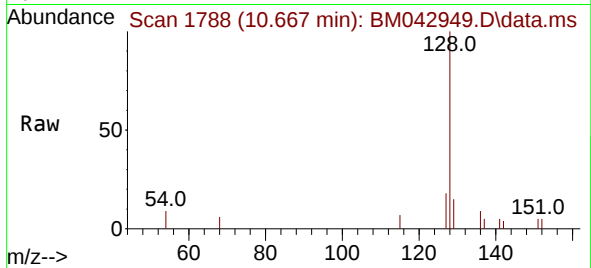
Quant Time: Nov 23 00:10:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.368 ng/ul
RT: 10.667 min Scan# 1788
Delta R.T. -0.015 min
Lab File: BM042949.D
Acq: 22 Nov 2023 13:14

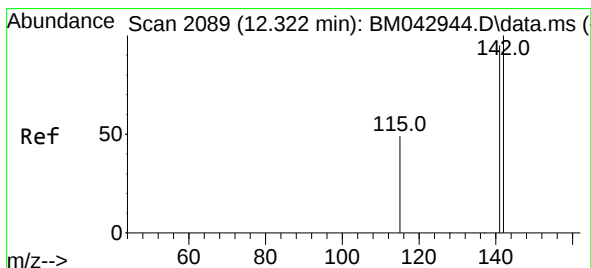
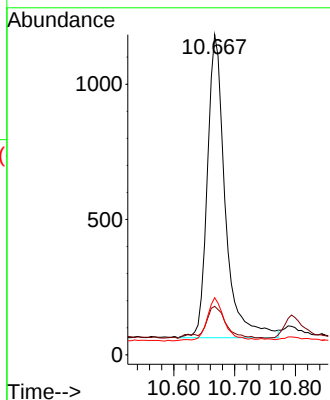
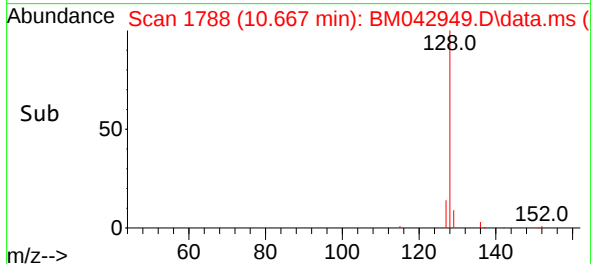
Instrument :
BNA_M
ClientSampleId :
DCKC2



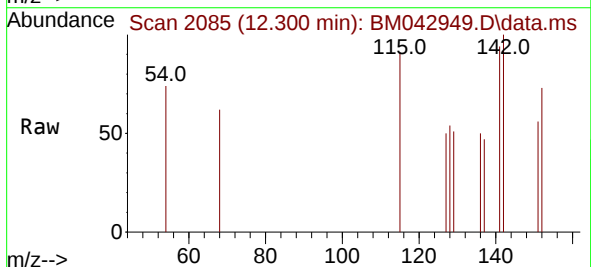
Tgt Ion:128 Resp: 2284
Ion Ratio Lower Upper
128 100
129 15.1 14.2 21.4
127 17.8 15.8 23.6

Manual Integrations
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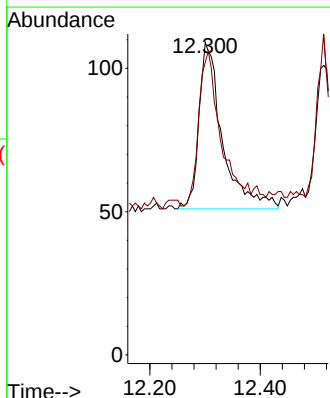
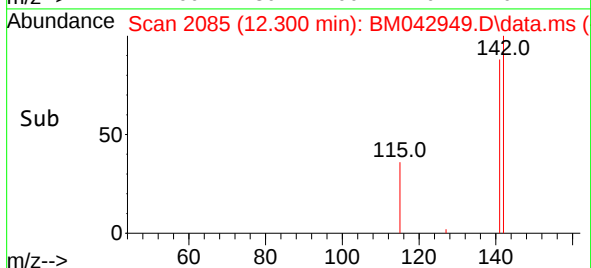
Reviewed By :Yogesh Patel 11/25/2023
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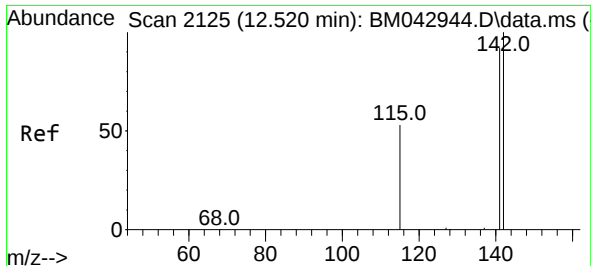


#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.300 min Scan# 2085
Delta R.T. -0.010 min
Lab File: BM042949.D
Acq: 22 Nov 2023 13:14



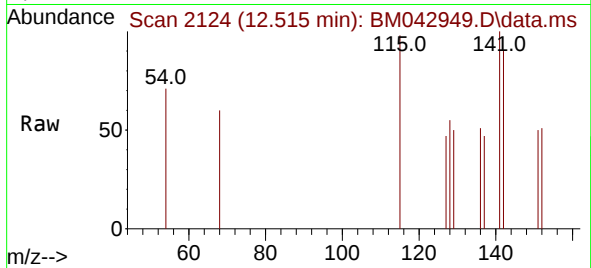
Tgt Ion:142 Resp: 171
Ion Ratio Lower Upper
142 100
141 92.4 77.2 115.8





#8
1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.515 min Scan# 2125
Delta R.T. -0.004 min
Lab File: BM042949.D
Acq: 22 Nov 2023 13:14

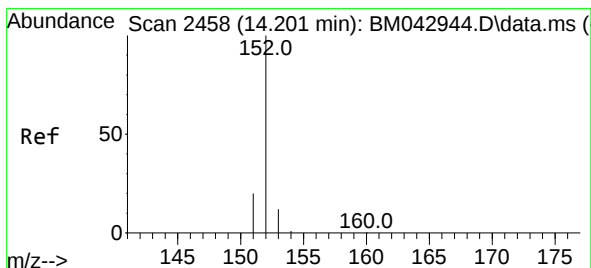
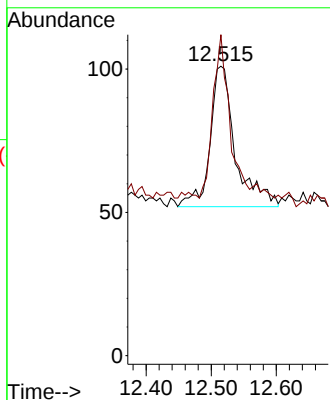
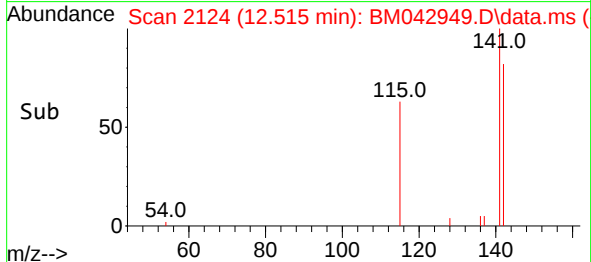
Instrument :
BNA_M
ClientSampleId :
DCKC2



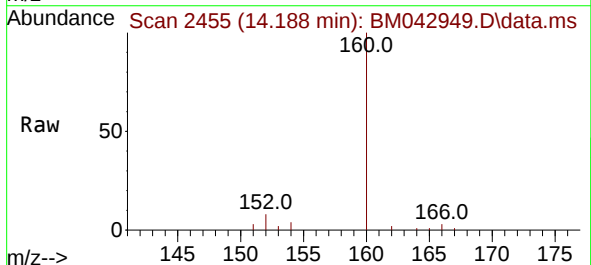
Tgt Ion:142 Resp: 132
Ion Ratio Lower Upper
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141 81.1 74.6 112.0

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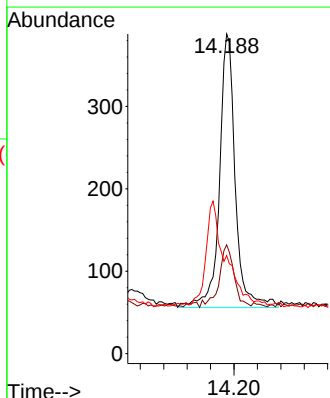
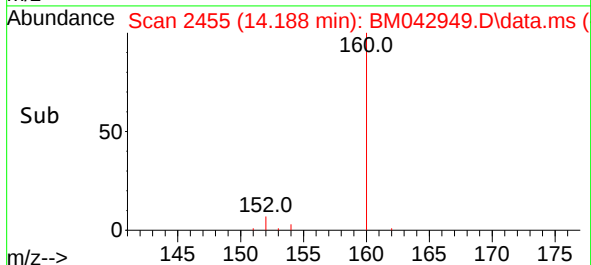
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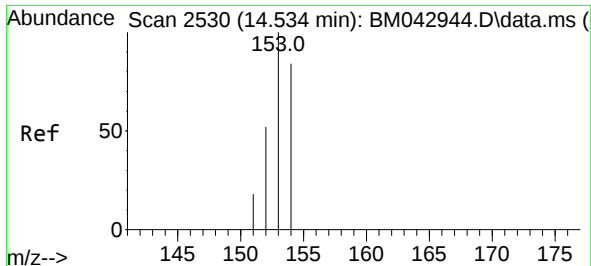


#10
Acenaphthylene
Concen: 0.082 ng/ul
RT: 14.188 min Scan# 2455
Delta R.T. -0.013 min
Lab File: BM042949.D
Acq: 22 Nov 2023 13:14



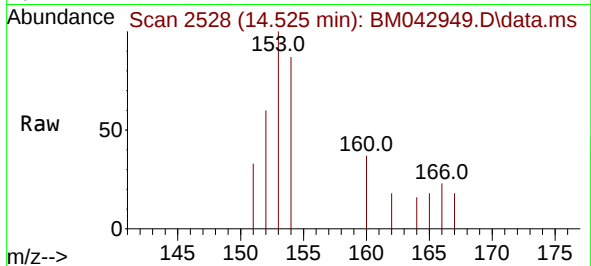
Tgt Ion:152 Resp: 623
Ion Ratio Lower Upper
152 100
151 34.0 18.5 27.7#
153 30.7 12.9 19.3#





#11
Acenaphthene
Concen: 0.093 ng/ul
RT: 14.525 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM042949.D
Acq: 22 Nov 2023 13:14

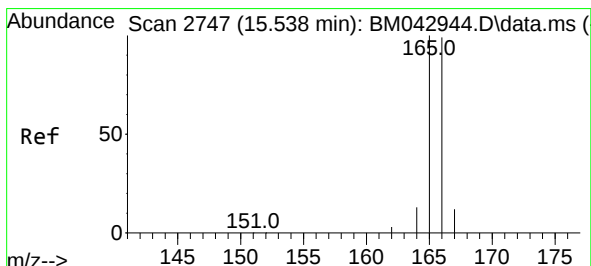
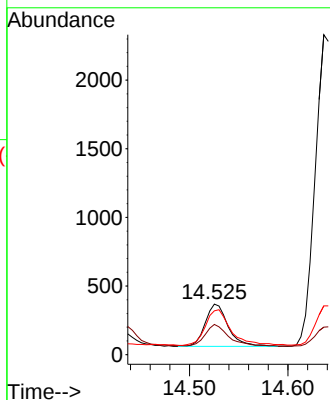
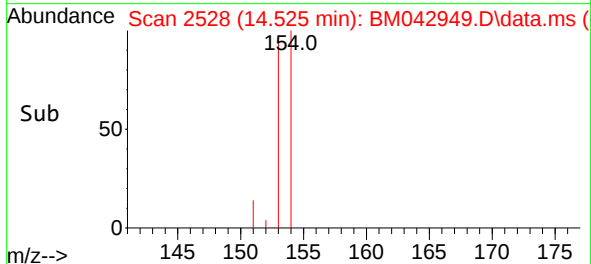
Instrument :
BNA_M
ClientSampleId :
DCKC2



Tgt Ion:153 Resp: 497
Ion Ratio Lower Upper
153 100
152 59.8 43.3 64.9
154 86.7 70.6 105.8

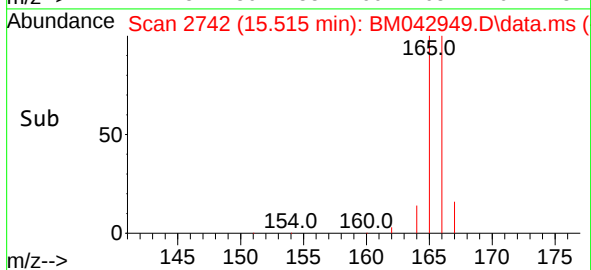
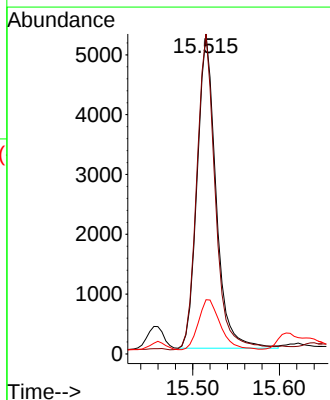
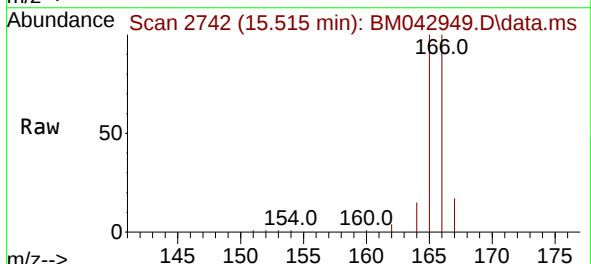
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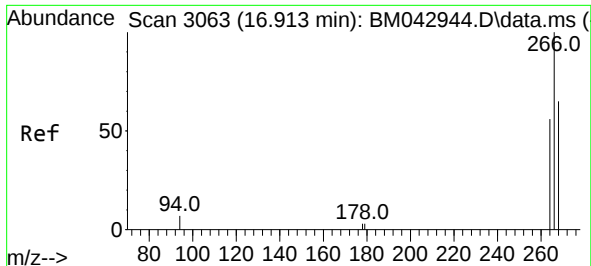
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#12
Fluorene
Concen: 1.378 ng/ul
RT: 15.515 min Scan# 2742
Delta R.T. -0.013 min
Lab File: BM042949.D
Acq: 22 Nov 2023 13:14

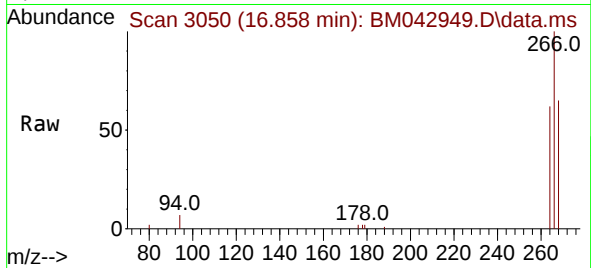
Tgt Ion:166 Resp: 7894
Ion Ratio Lower Upper
166 100
165 100.1 84.3 126.5
167 17.0 15.0 22.6





#14
Pentachlorophenol
Concen: 6.396 ng/ul
RT: 16.858 min Scan# 3063
Delta R.T. -0.032 min
Lab File: BM042949.D
Acq: 22 Nov 2023 13:14

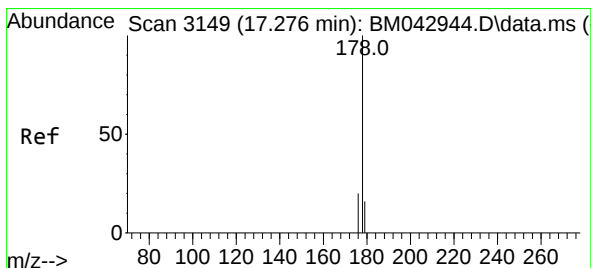
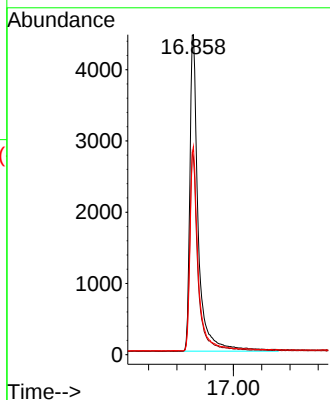
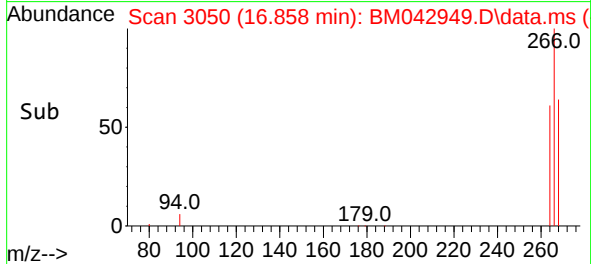
Instrument :
BNA_M
ClientSampleId :
DCKC2



Tgt Ion:266 Resp: 923
Ion Ratio Lower Upper
266 100
264 62.0 52.2 78.2
268 63.9 48.0 72.0

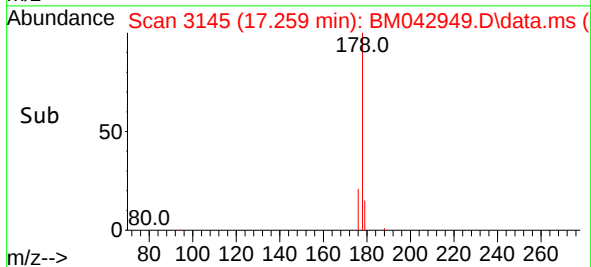
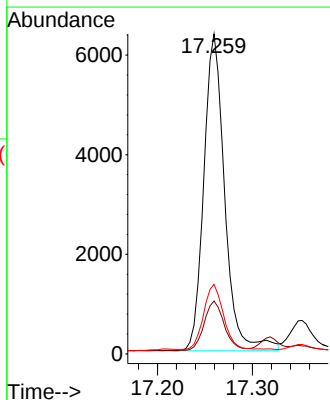
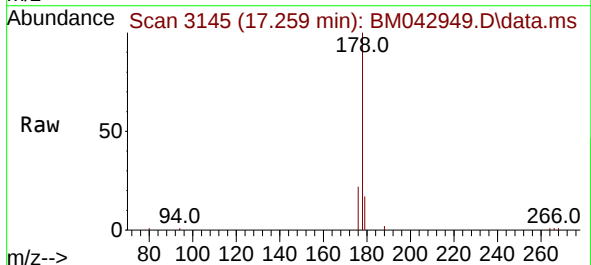
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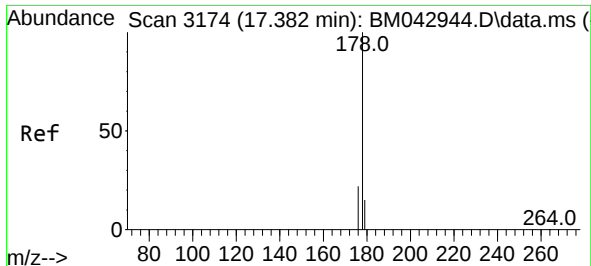
Reviewed By :Yogesh Patel 11/25/2023
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#15
Phenanthrene
Concen: 1.071 ng/ul
RT: 17.259 min Scan# 3145
Delta R.T. -0.011 min
Lab File: BM042949.D
Acq: 22 Nov 2023 13:14

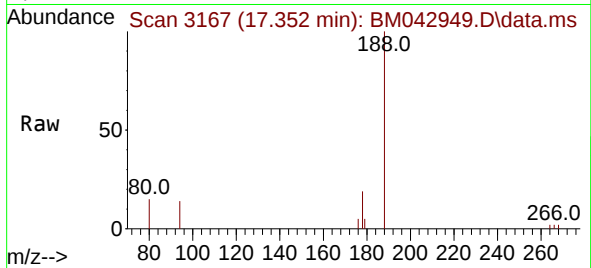
Tgt Ion:178 Resp: 9764
Ion Ratio Lower Upper
178 100
179 16.5 14.9 22.3
176 21.7 18.6 27.8





#16
 Anthracene
 Concen: 0.100 ng/ul
 RT: 17.352 min Scan# 3174
 Delta R.T. -0.020 min
 Lab File: BM042949.D
 Acq: 22 Nov 2023 13:14

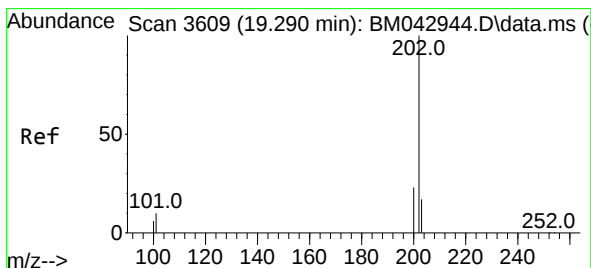
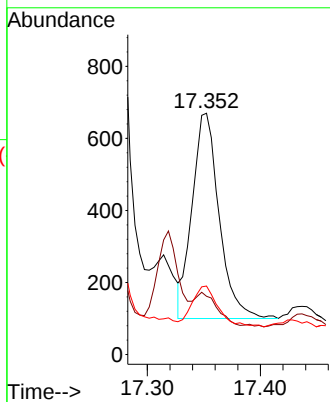
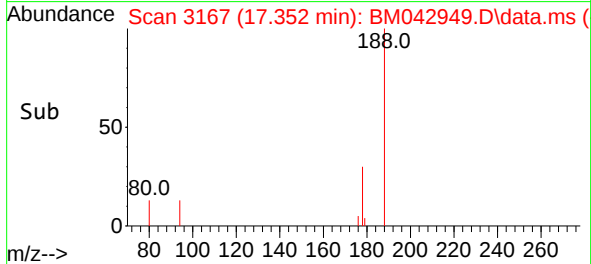
Instrument :
 BNA_M
 ClientSampleId :
 DCKC2



Tgt Ion:178 Resp: 940
 Ion Ratio Lower Upper
 178 100
 179 24.2 16.6 24.8
 176 28.4 20.3 30.5

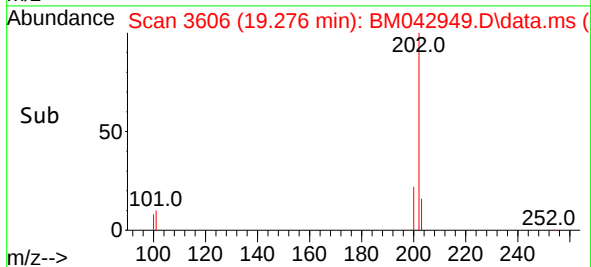
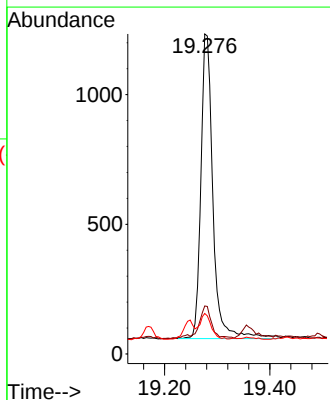
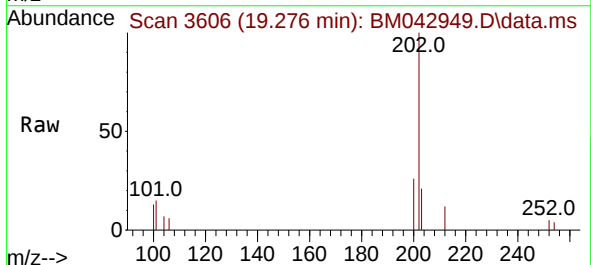
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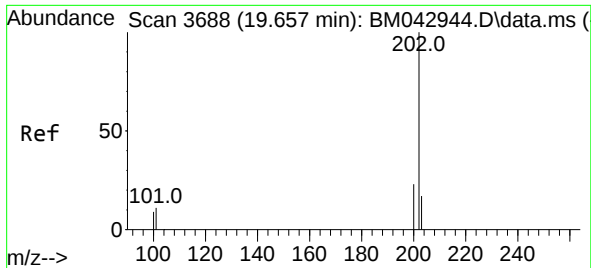
Reviewed By :Yogesh Patel 11/25/2023
 Supervised By :mohammad ahmed 11/25/2023



#19
 Fluoranthene
 Concen: 0.186 ng/ul
 RT: 19.276 min Scan# 3606
 Delta R.T. -0.008 min
 Lab File: BM042949.D
 Acq: 22 Nov 2023 13:14

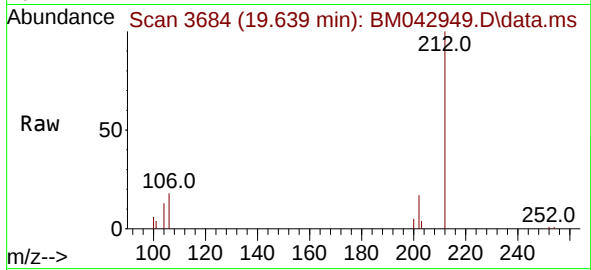
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 Ion Ratio Lower Upper
 202 100
 101 15.0 10.2 15.4
 100 12.6 8.2 12.2#





#20
Pyrene
Concen: 0.107 ng/ul
RT: 19.639 min Scan# 30
Delta R.T. -0.013 min
Lab File: BM042949.D
Acq: 22 Nov 2023 13:14

Instrument :
BNA_M
ClientSampleId :
DCKC2



Tgt Ion:202 Resp: 1164
Ion Ratio Lower Upper
202 100
101 20.3 11.2 16.8
100 34.5 10.3 15.5

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