

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
 Data File : BM045686.D
 Acq On : 03 May 2024 02:46
 Operator : MA/JU
 Sample : P2305-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AL2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/03/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 03:48:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 03 03:27:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.526	152	290	0.400	ng/ul	#-0.05
4) Naphthalene-d8	10.281	136	974	0.400	ng/ul	#-0.07
9) Acenaphthene-d10	14.169	164	819	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.934	188	2065m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.157	240	2507	0.400	ng/ul	-0.03
23) Perylene-d12	23.334	264	3143	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.142	96	1406	4.282	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.887	152	546	0.355	ng/ul	-0.07
18) Fluoranthene-d10	18.979	212	2567	0.408	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.330	128	30233	12.182	ng/ul#	63
7) 2-Methylnaphthalene	11.964	142	836	0.557	ng/ul	93
8) 1-Methylnaphthalene	12.178	142	2063	1.241	ng/ul	91
10) Acenaphthylene	13.887	152	3102	0.902	ng/ul#	92
11) Acenaphthene	14.238	153	350649	137.453	ng/ul	93
12) Fluorene	15.233	166	97339	32.926	ng/ul#	93
15) Phenanthrene	16.976	178	3420m	0.667	ng/ul	
16) Anthracene	17.069	178	18872m	3.791	ng/ul	
19) Fluoranthene	19.011	202	72178	9.060	ng/ul#	83
20) Pyrene	19.374	202	39737	4.690	ng/ul#	86
21) Benzo(a)anthracene	21.140	228	1823	0.249	ng/ul	97
22) Chrysene	21.189	228	1002m	0.097	ng/ul	
24) Benzo(b)fluoranthene	22.682	252	257	0.029	ng/ul#	1

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

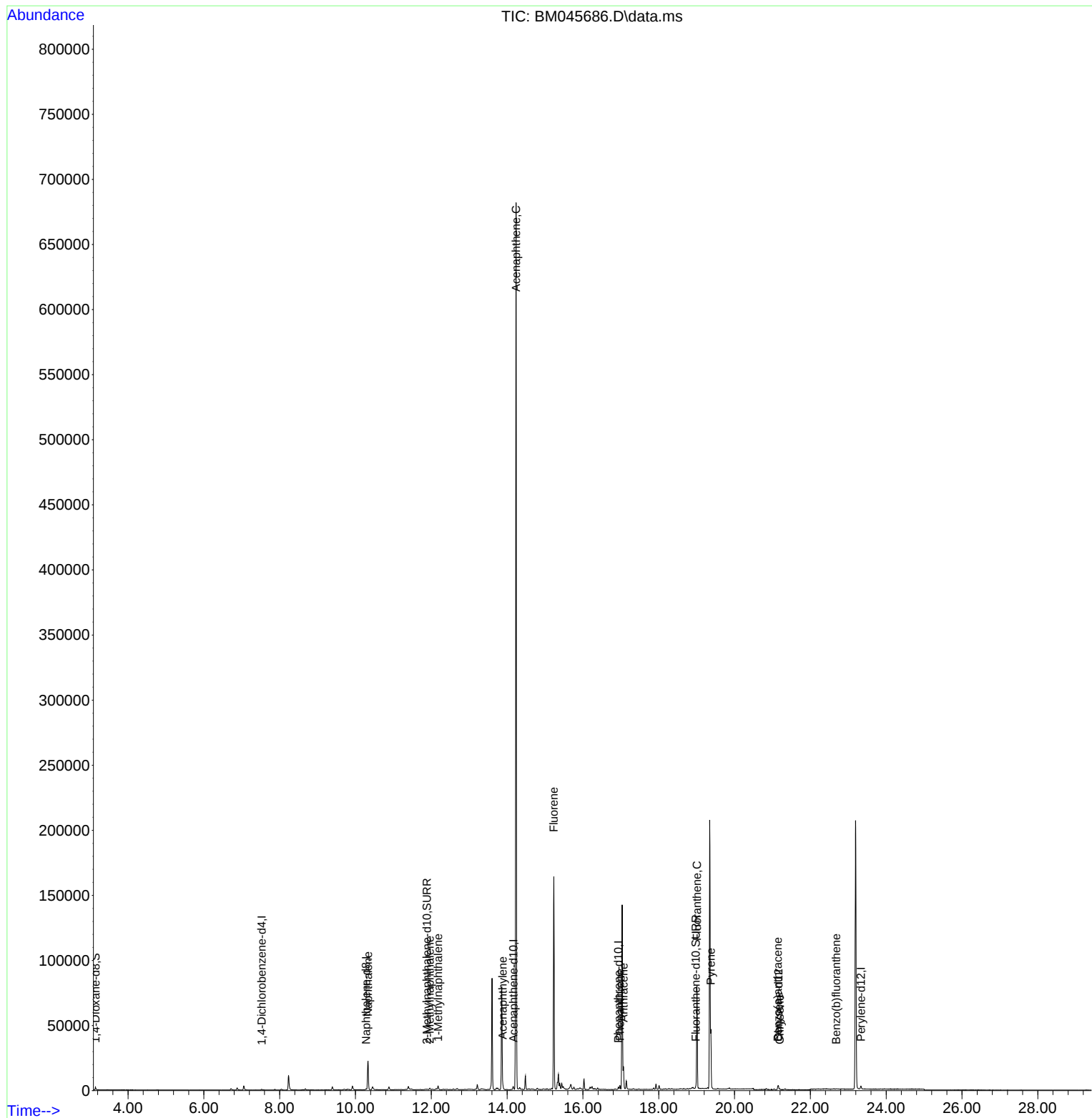
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045686.D
Acq On : 03 May 2024 02:46
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ALS Vial : 18 Sample Multiplier: 1

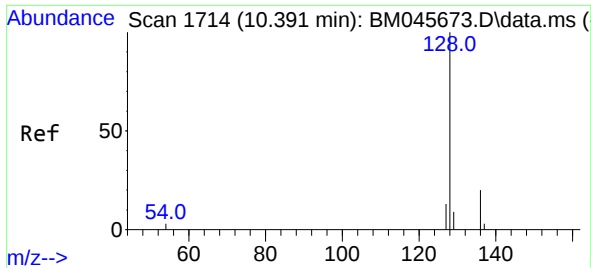
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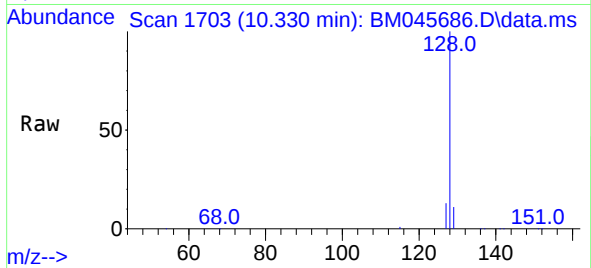
Quant Time: May 03 03:48:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 12.182 ng/ul
RT: 10.330 min Scan# 11
Delta R.T. -0.060 min
Lab File: BM045686.D
Acq: 03 May 2024 02:46

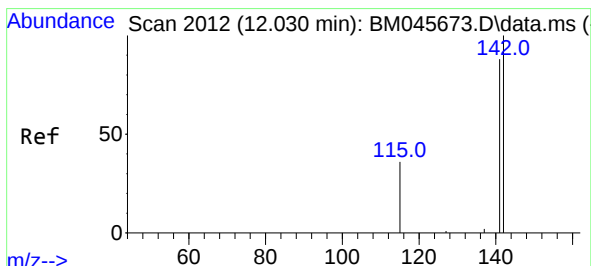
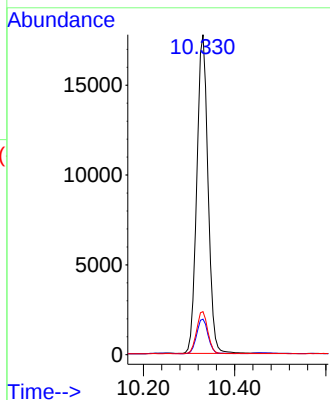
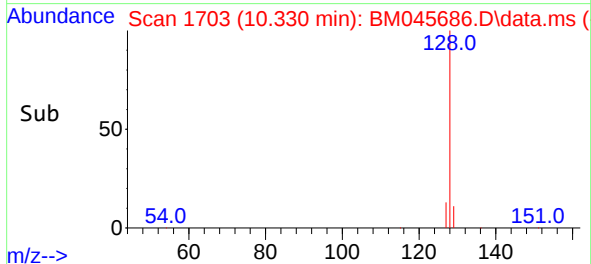
Instrument :
BNA_M
ClientSampleId :
C0AL2



Tgt Ion:128 Resp: 3023
Ion Ratio Lower Upper
128 100
129 11.1 26.2 39.4
127 13.4 27.4 41.2

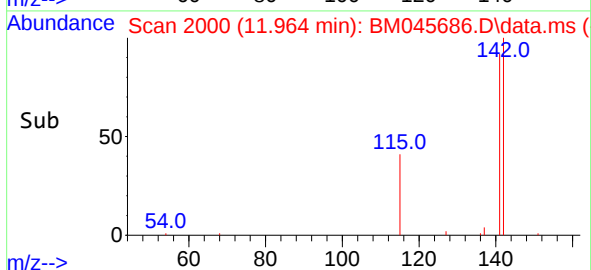
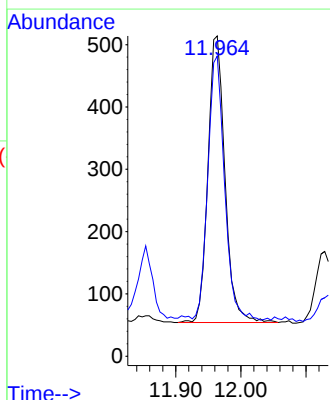
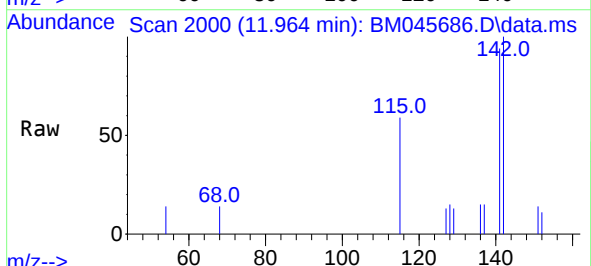
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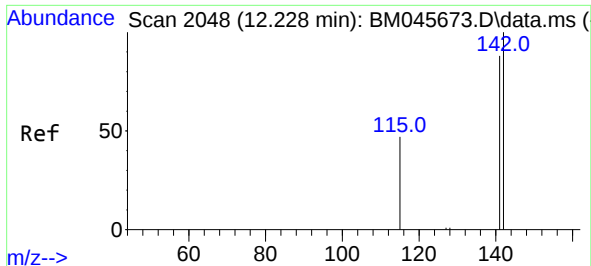
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#7
2-Methylnaphthalene
Concen: 0.557 ng/ul
RT: 11.964 min Scan# 2000
Delta R.T. -0.066 min
Lab File: BM045686.D
Acq: 03 May 2024 02:46

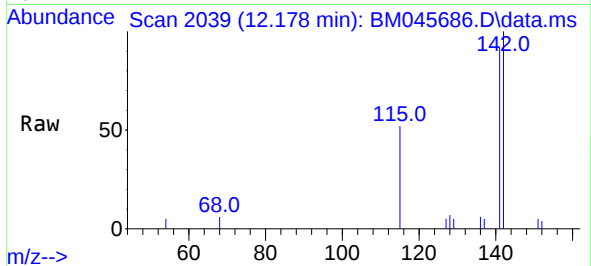
Tgt Ion:142 Resp: 836
Ion Ratio Lower Upper
142 100
141 89.6 76.9 115.3





#8
1-Methylnaphthalene
Concen: 1.241 ng/ul
RT: 12.178 min Scan# 2048
Delta R.T. -0.049 min
Lab File: BM045686.D
Acq: 03 May 2024 02:46

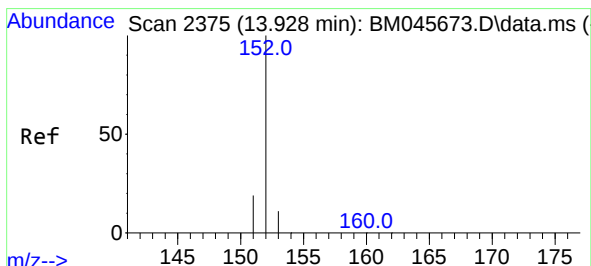
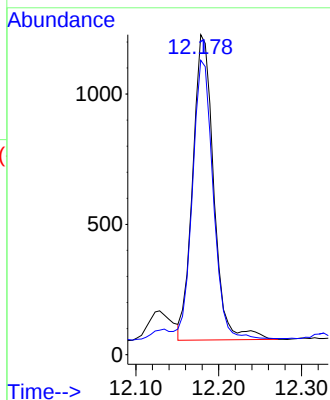
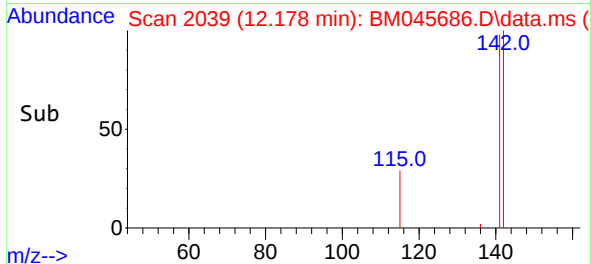
Instrument :
BNA_M
ClientSampleId :
C0AL2



Tgt Ion:142 Resp: 2061
Ion Ratio Lower Upper
142 100
141 90.0 79.4 119.2

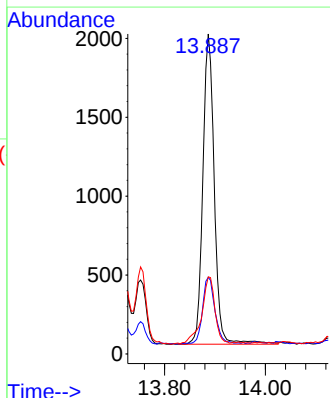
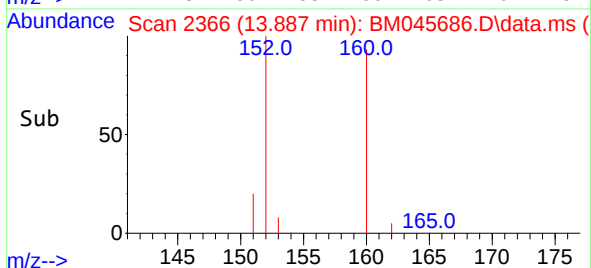
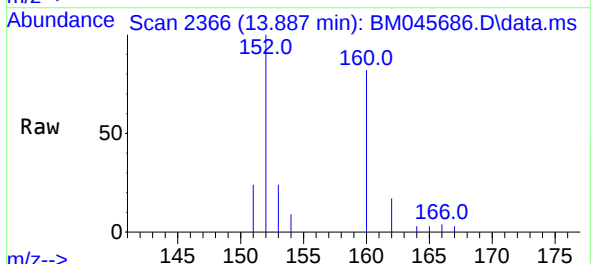
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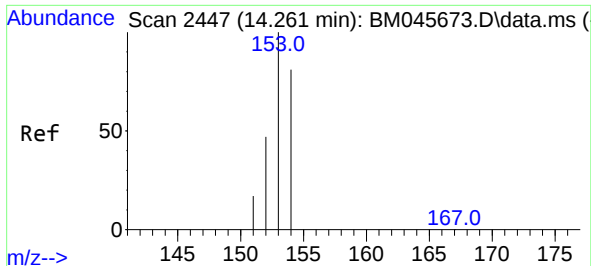
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#10
Acenaphthylene
Concen: 0.902 ng/ul
RT: 13.887 min Scan# 2366
Delta R.T. -0.042 min
Lab File: BM045686.D
Acq: 03 May 2024 02:46

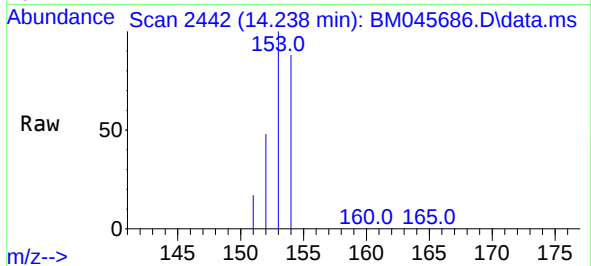
Tgt Ion:152 Resp: 3102
Ion Ratio Lower Upper
152 100
151 24.0 25.0 37.4#
153 24.1 19.6 29.4





#11
Acenaphthene
Concen: 137.453 ng/u1
RT: 14.238 min Scan# 2442
Delta R.T. -0.023 min
Lab File: BM045686.D
Acq: 03 May 2024 02:46

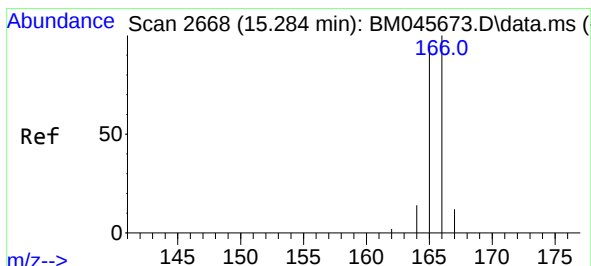
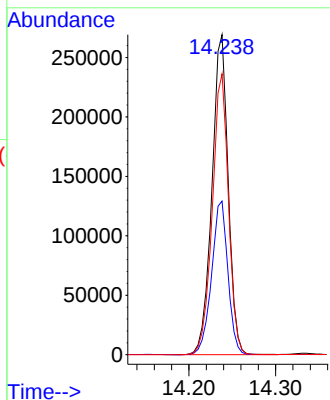
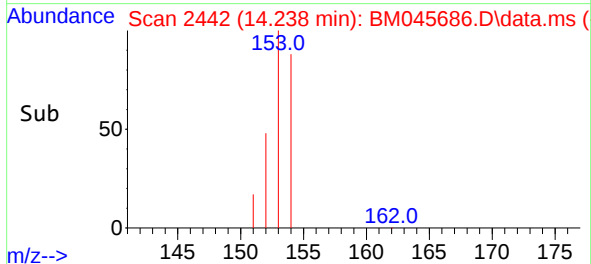
Instrument :
BNA_M
ClientSampleId :
C0AL2



Tgt Ion:153 Resp: 350649
Ion Ratio Lower Upper
153 100
152 48.0 45.1 67.7
154 87.8 67.6 101.4

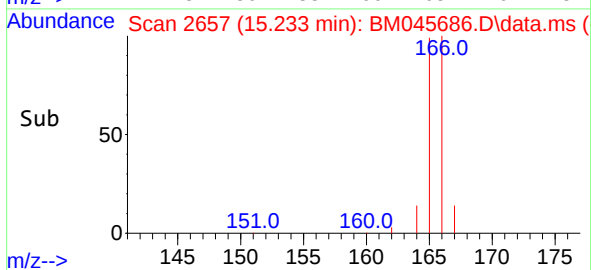
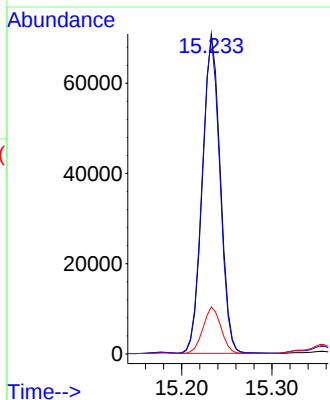
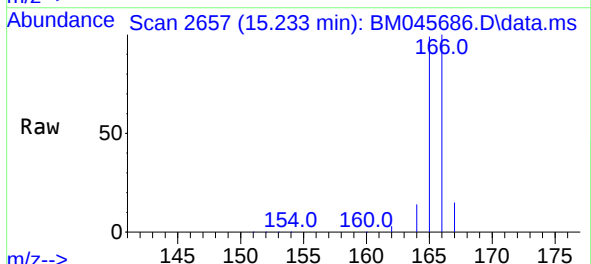
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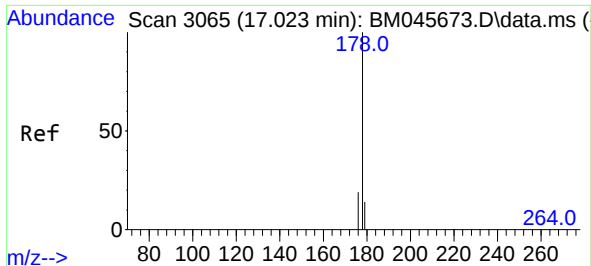
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#12
Fluorene
Concen: 32.926 ng/u1
RT: 15.233 min Scan# 2657
Delta R.T. -0.051 min
Lab File: BM045686.D
Acq: 03 May 2024 02:46

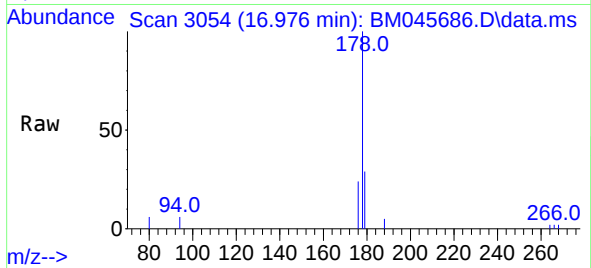
Tgt Ion:166 Resp: 97339
Ion Ratio Lower Upper
166 100
165 99.0 77.5 116.3
167 14.7 21.8 32.6#





#15
Phenanthrene
Concen: 0.667 ng/ul m
RT: 16.976 min Scan# 3065
Delta R.T. -0.046 min
Lab File: BM045686.D
Acq: 03 May 2024 02:46

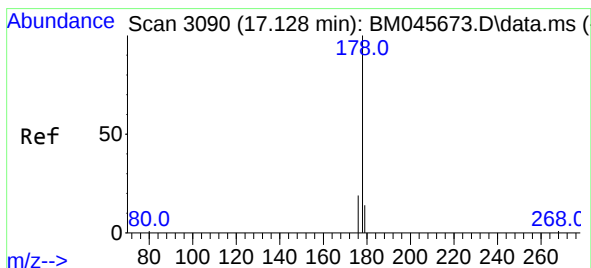
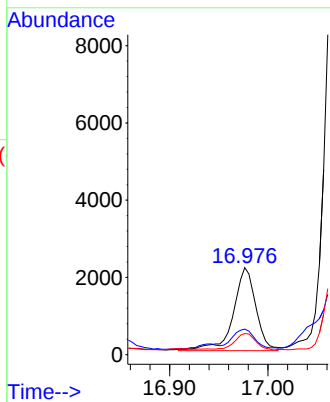
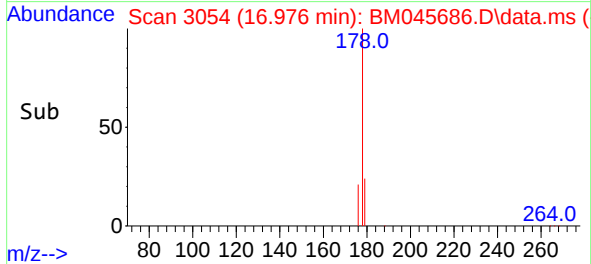
Instrument :
BNA_M
ClientSampleId :
C0AL2



Tgt Ion:178 Resp: 3420
Ion Ratio Lower Upper
178 100
179 29.4 18.3 27.5#
176 24.3 21.8 32.6#

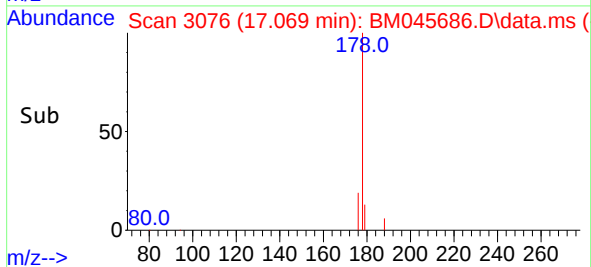
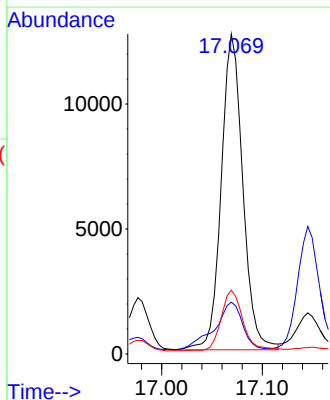
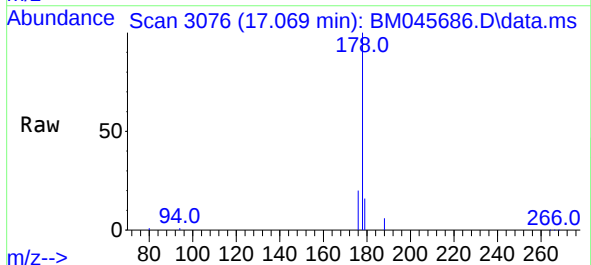
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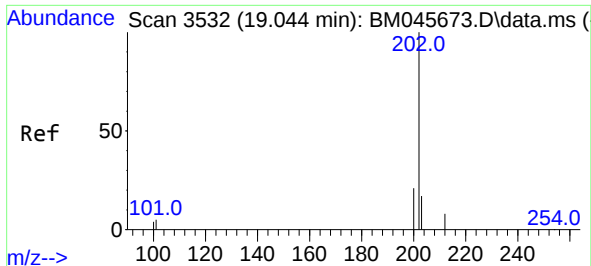
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#16
Anthracene
Concen: 3.791 ng/ul m
RT: 17.069 min Scan# 3076
Delta R.T. -0.059 min
Lab File: BM045686.D
Acq: 03 May 2024 02:46

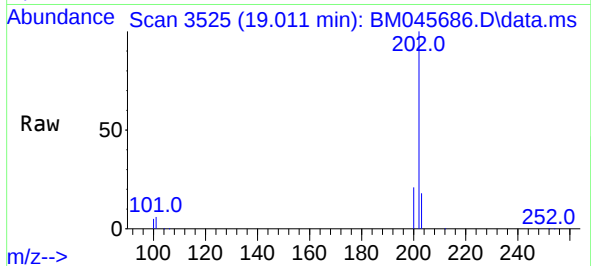
Tgt Ion:178 Resp: 18872
Ion Ratio Lower Upper
178 100
179 16.2 20.9 31.3#
176 20.0 22.9 34.3#





#19
Fluoranthene
Concen: 9.060 ng/u1
RT: 19.011 min Scan# 3525
Delta R.T. -0.032 min
Lab File: BM045686.D
Acq: 03 May 2024 02:46

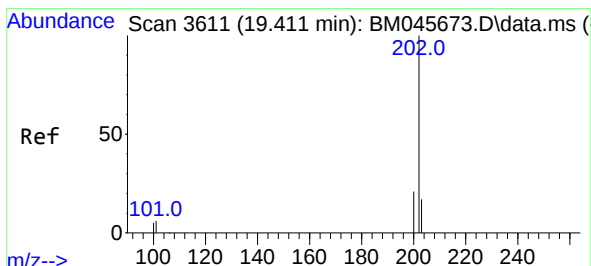
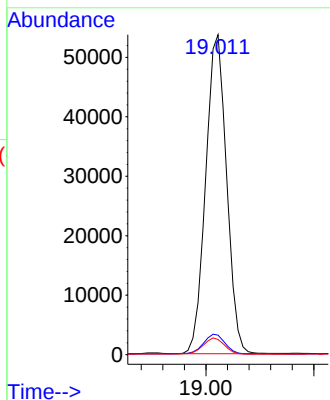
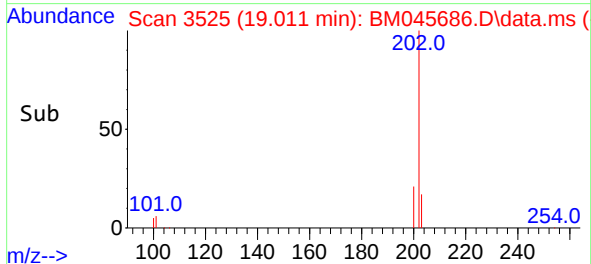
Instrument :
BNA_M
ClientSampleId :
C0AL2



Tgt Ion:202 Resp: 72178
Ion Ratio Lower Upper
202 100
101 6.1 10.1 15.1#
100 4.8 9.4 14.0#

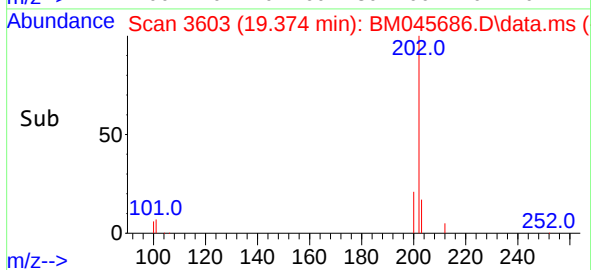
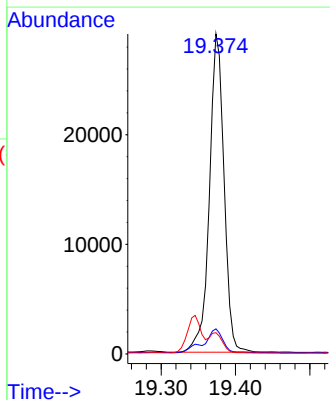
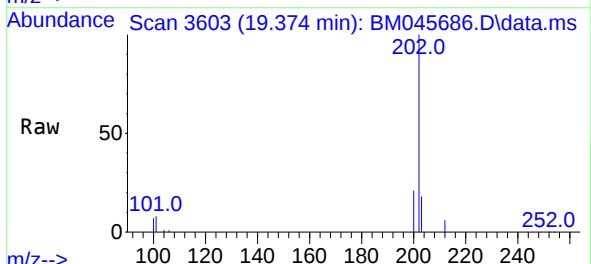
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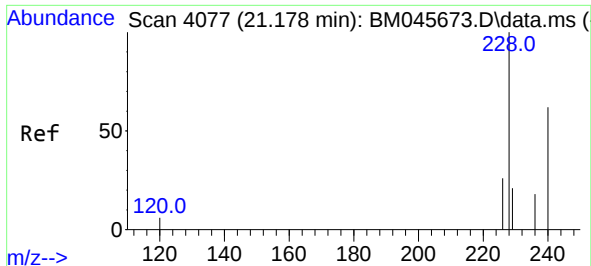
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#20
Pyrene
Concen: 4.690 ng/u1
RT: 19.374 min Scan# 3603
Delta R.T. -0.037 min
Lab File: BM045686.D
Acq: 03 May 2024 02:46

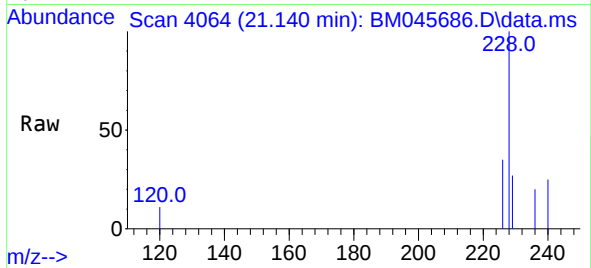
Tgt Ion:202 Resp: 39737
Ion Ratio Lower Upper
202 100
101 7.9 10.7 16.1#
100 6.6 9.8 14.8#





#21
Benzo(a)anthracene
Concen: 0.249 ng/ul
RT: 21.140 min Scan# 4064
Delta R.T. -0.038 min
Lab File: BM045686.D
Acq: 03 May 2024 02:46

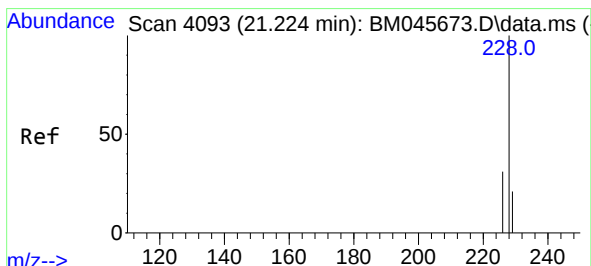
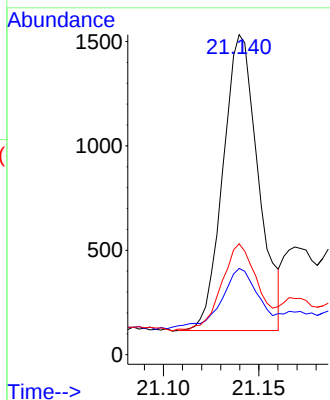
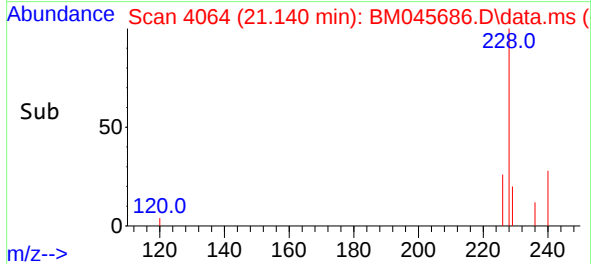
Instrument :
BNA_M
ClientSampleId :
COAL2



Tgt Ion:228 Resp: 182
Ion Ratio Lower Upper
228 100
229 26.9 21.3 31.9
226 34.6 25.5 38.3

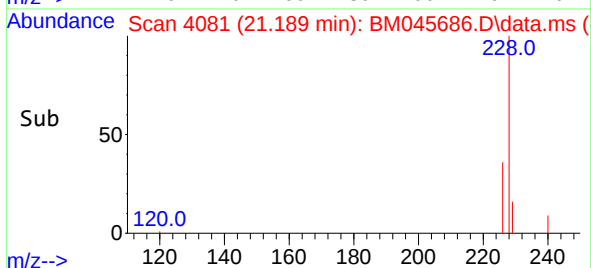
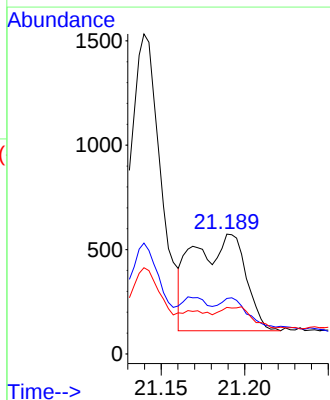
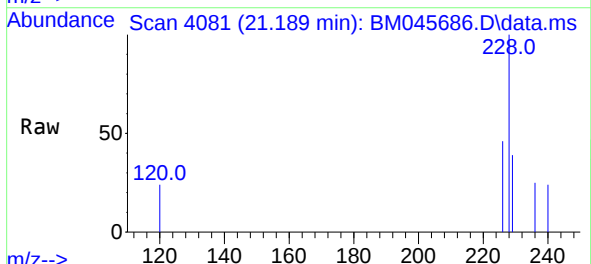
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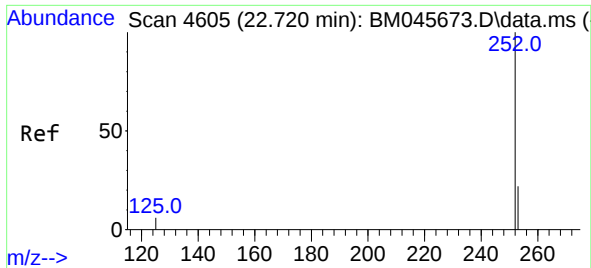
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#22
Chrysene
Concen: 0.097 ng/ul m
RT: 21.189 min Scan# 4081
Delta R.T. -0.035 min
Lab File: BM045686.D
Acq: 03 May 2024 02:46

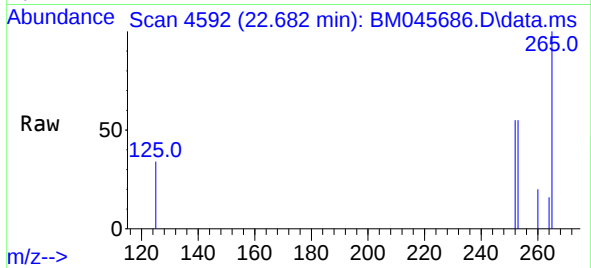
Tgt Ion:228 Resp: 1002
Ion Ratio Lower Upper
228 100
226 46.3 27.7 41.5#
229 38.9 19.7 29.5#





#24
Benzo(b)fluoranthene
Concen: 0.029 ng/ul
RT: 22.682 min Scan# 4
Delta R.T. -0.038 min
Lab File: BM045686.D
Acq: 03 May 2024 02:46

Instrument :
BNA_M
ClientSampleId :
C0AL2



Tgt Ion:252 Resp: 252
Ion Ratio Lower Upper
252 100
253 100.0 0.0 67.2
125 61.3 0.0 28.0

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