

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
 Data File : BM041530.D
 Acq On : 28 Aug 2023 20:17
 Operator : MA/JU
 Sample : 04037-06DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYE2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 02:49:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 15:20:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	10725	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	26503	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	11380	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.502	188	22614	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.691	240	10919	0.400	ng/ul	# 0.00
23) Perylene-d12	24.254	264	13904	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	9273	0.695	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	1042	0.030	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	1443	0.032	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.993	128	2568	0.030	ng/ul#	90
7) 2-Methylnaphthalene	12.594	142	2337	0.045	ng/ul	99
15) Phenanthrene	17.544	178	11329	0.122	ng/ul	97
16) Anthracene	17.637	178	2135m	0.025	ng/ul	
19) Fluoranthene	19.552	202	25678	0.254	ng/ul	96
20) Pyrene	19.919	202	47138	0.461	ng/ul	96
21) Benzo(a)anthracene	21.673	228	12843	0.165	ng/ul	95
22) Chrysene	21.729	228	48256m	0.626	ng/ul	
24) Benzo(b)fluoranthene	23.459	252	45292	0.512	ng/ul	88
25) Benzo(k)fluoranthene	23.509	252	15682m	0.181	ng/ul	
26) Benzo(a)pyrene	24.137	252	17438	0.218	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	26.961	276	23314	0.217	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.988	278	5207	0.067	ng/ul#	46
29) Benzo(g,h,i)perylene	27.809	276	27085	0.301	ng/ul	98

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

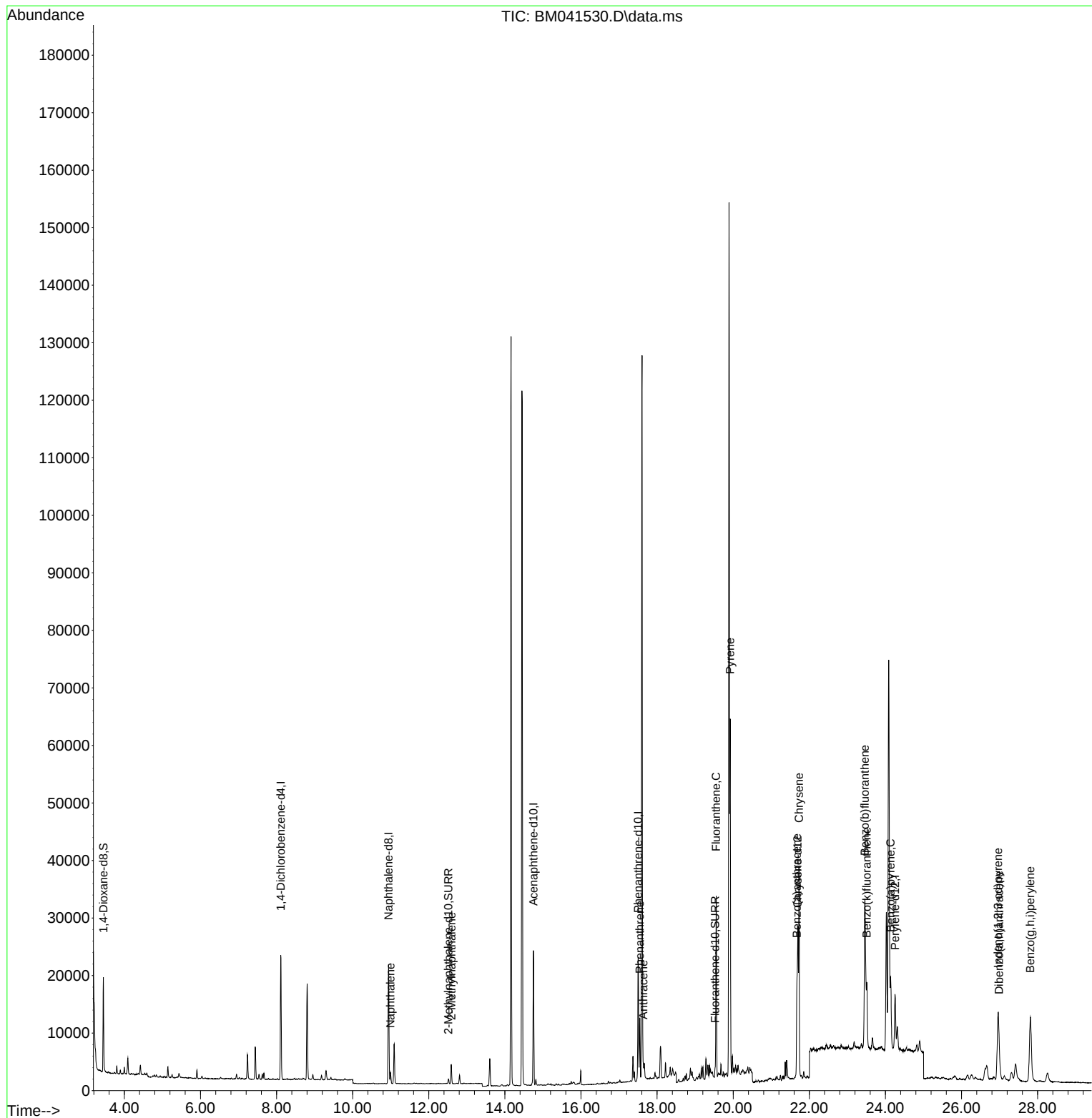
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
Data File : BM041530.D
Acq On : 28 Aug 2023 20:17
Operator : MA/JU
Sample : 04037-06DL 5X
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ALS Vial : 15 Sample Multiplier: 1

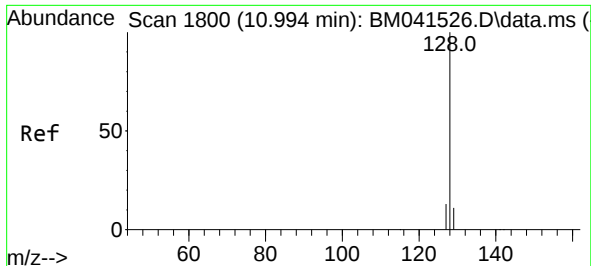
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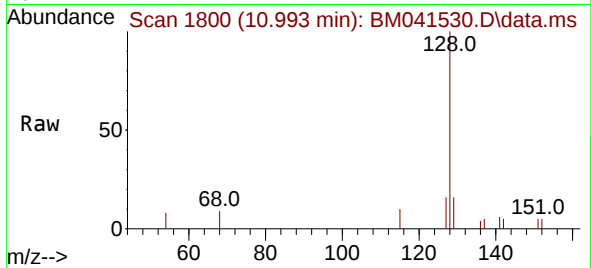
Quant Time: Aug 29 02:49:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 15:20:06 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.993 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BM041530.D
Acq: 28 Aug 2023 20:17

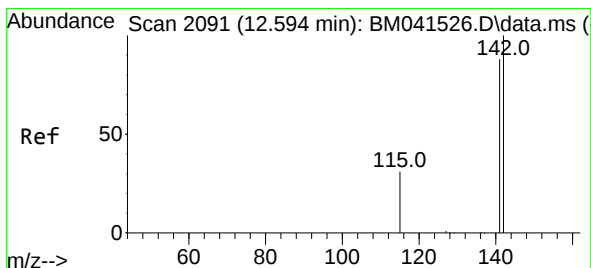
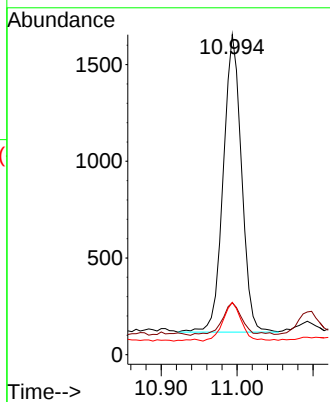
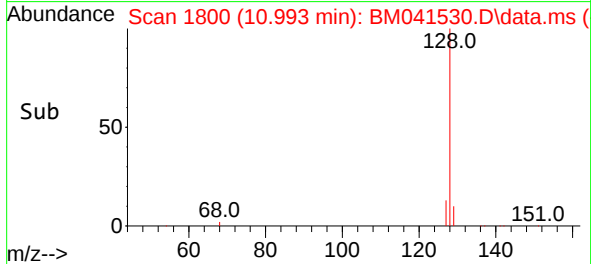
Instrument :
BNA_M
ClientSampleId :
EZY2DL



Tgt Ion:128 Resp: 2568
Ion Ratio Lower Upper
128 100
129 16.3 8.9 13.3
127 16.3 10.6 15.8

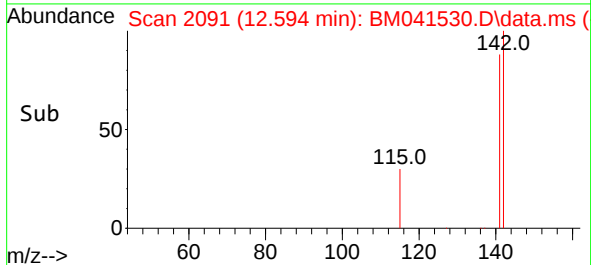
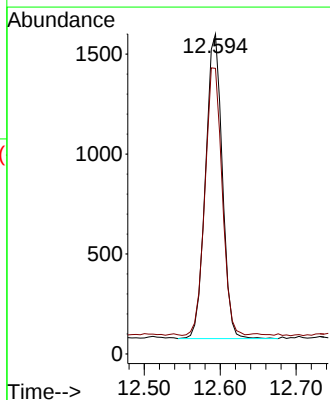
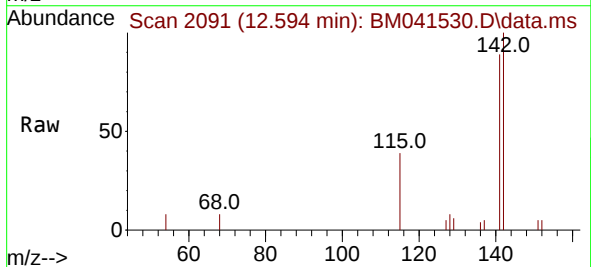
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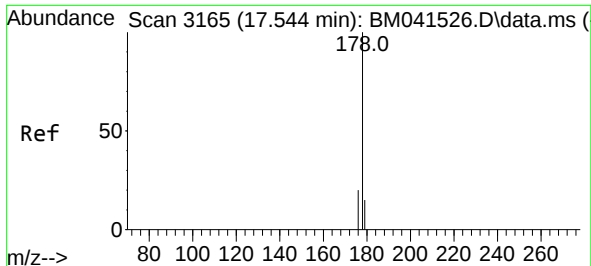
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#7
2-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BM041530.D
Acq: 28 Aug 2023 20:17

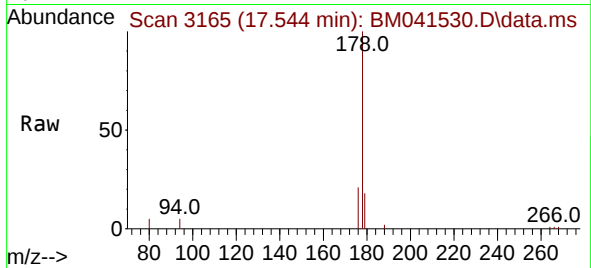
Tgt Ion:142 Resp: 2337
Ion Ratio Lower Upper
142 100
141 90.2 71.0 106.6





#15
Phenanthrene
Concen: 0.122 ng/ul
RT: 17.544 min Scan# 3165
Delta R.T. -0.000 min
Lab File: BM041530.D
Acq: 28 Aug 2023 20:17

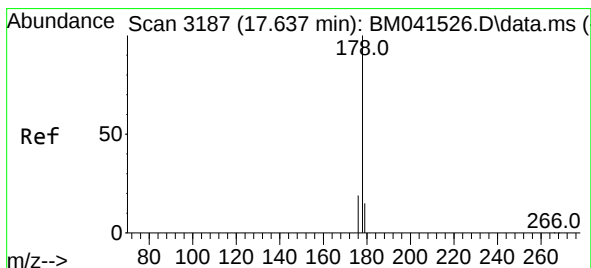
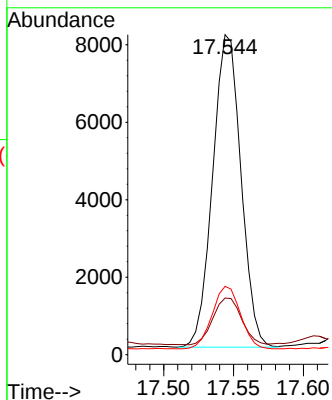
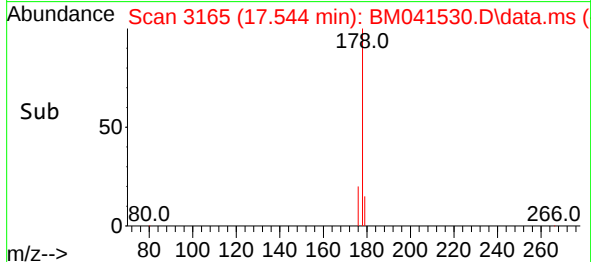
Instrument :
BNA_M
ClientSampleId :
EZY2DL



Tgt Ion:178 Resp: 11329
Ion Ratio Lower Upper
178 100
179 17.7 12.6 18.8
176 21.3 16.3 24.5

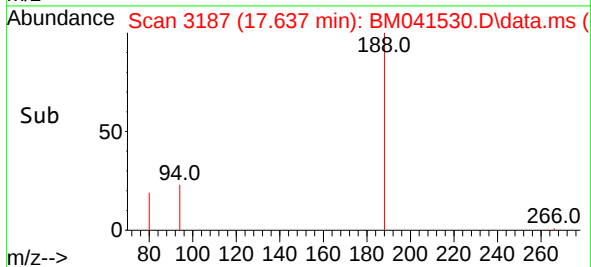
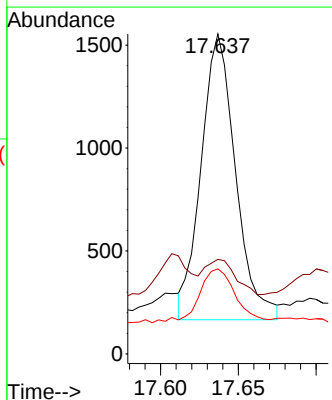
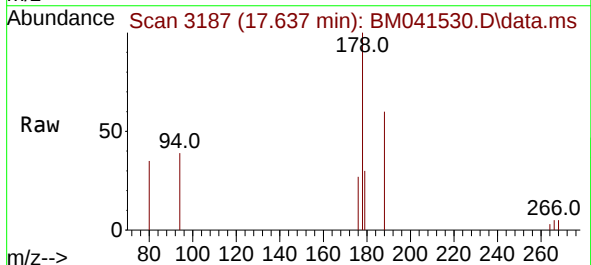
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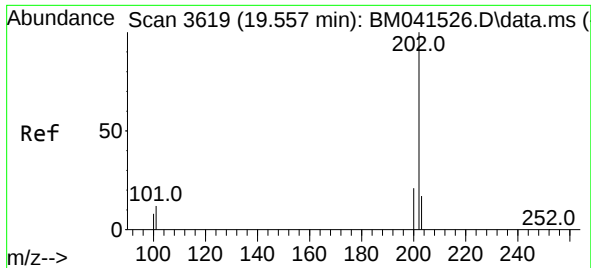
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#16
Anthracene
Concen: 0.025 ng/ul m
RT: 17.637 min Scan# 3187
Delta R.T. -0.000 min
Lab File: BM041530.D
Acq: 28 Aug 2023 20:17

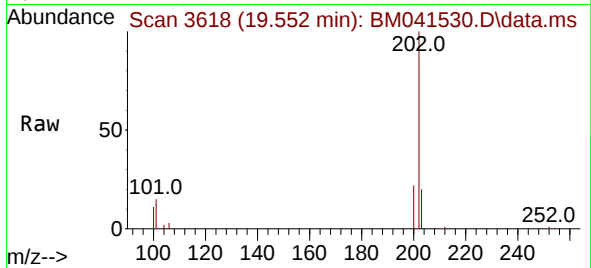
Tgt Ion:178 Resp: 2135
Ion Ratio Lower Upper
178 100
179 29.5 12.6 19.0#
176 26.6 15.9 23.9#





#19
Fluoranthene
Concen: 0.254 ng/ul
RT: 19.552 min Scan# 3618
Delta R.T. -0.005 min
Lab File: BM041530.D
Acq: 28 Aug 2023 20:17

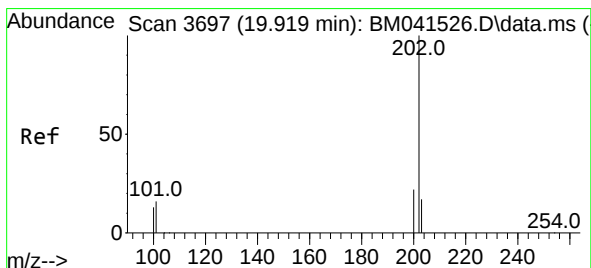
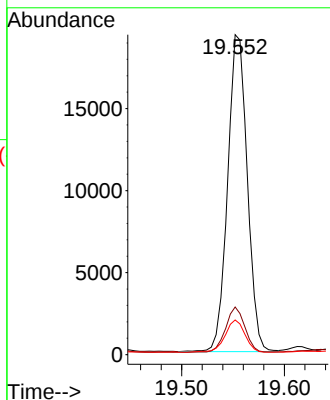
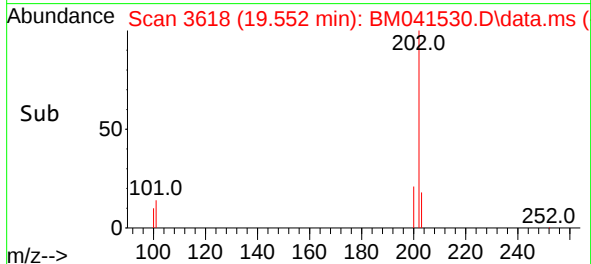
Instrument :
BNA_M
ClientSampleId :
EZY2DL



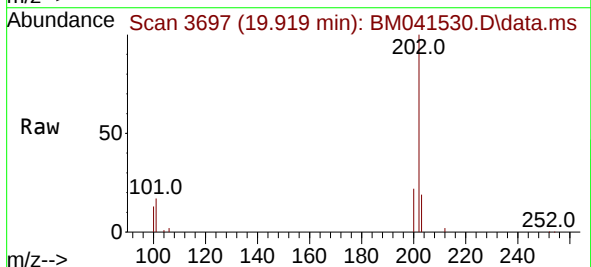
Tgt Ion:202 Resp: 25678
Ion Ratio Lower Upper
202 100
101 14.9 10.5 15.7
100 10.8 7.8 11.6

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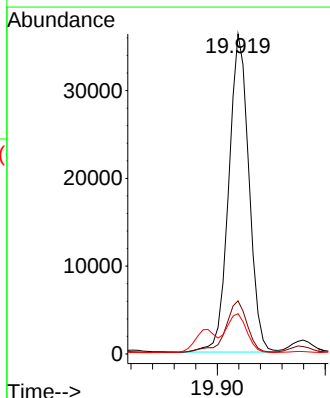
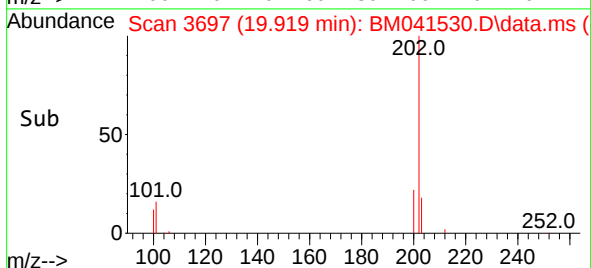
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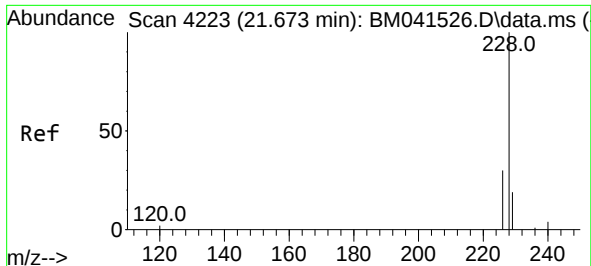


#20
Pyrene
Concen: 0.461 ng/ul
RT: 19.919 min Scan# 3697
Delta R.T. -0.005 min
Lab File: BM041530.D
Acq: 28 Aug 2023 20:17



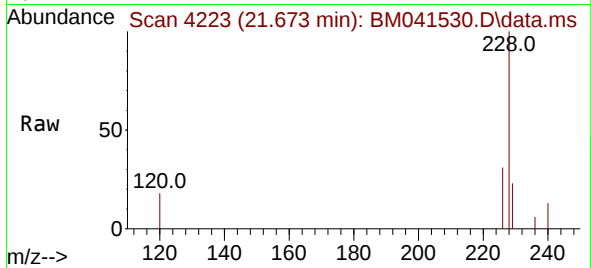
Tgt Ion:202 Resp: 47138
Ion Ratio Lower Upper
202 100
101 16.6 11.6 17.4
100 12.6 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.165 ng/ul
RT: 21.673 min Scan# 4223
Delta R.T. -0.003 min
Lab File: BM041530.D
Acq: 28 Aug 2023 20:17

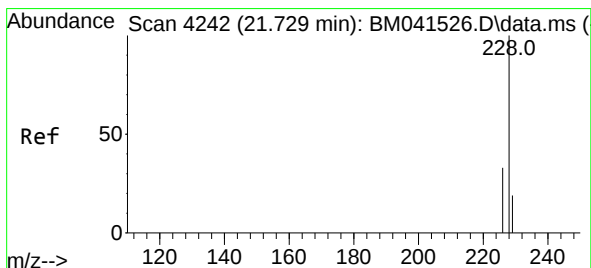
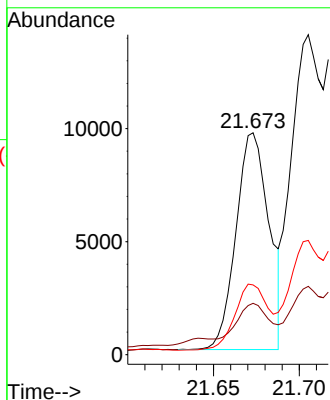
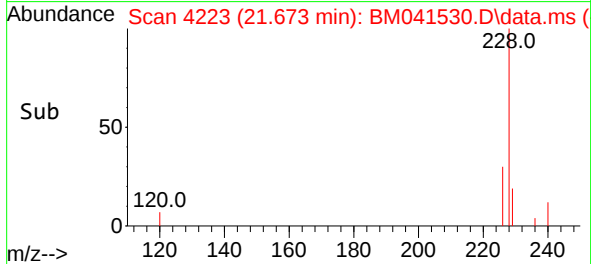
Instrument :
BNA_M
ClientSampleId :
EZY2DL



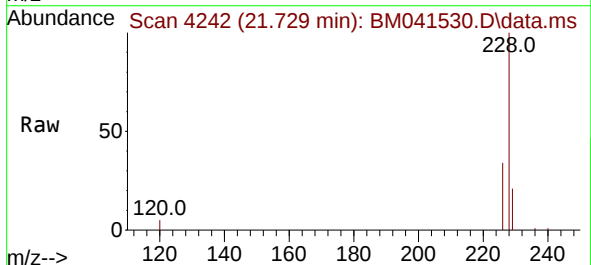
Tgt Ion:228 Resp: 1284
Ion Ratio Lower Upper
228 100
229 23.1 15.8 23.6
226 31.4 24.0 36.0

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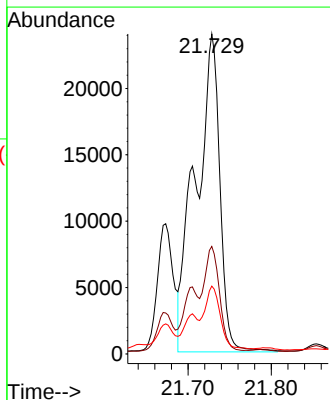
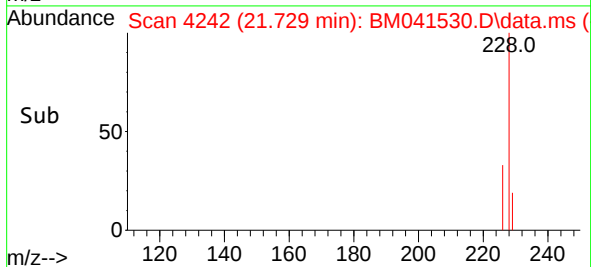
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

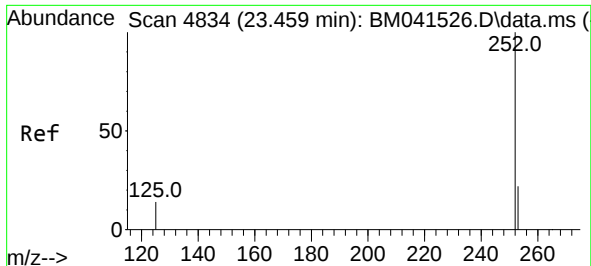


#22
Chrysene
Concen: 0.626 ng/ul m
RT: 21.729 min Scan# 4242
Delta R.T. -0.003 min
Lab File: BM041530.D
Acq: 28 Aug 2023 20:17



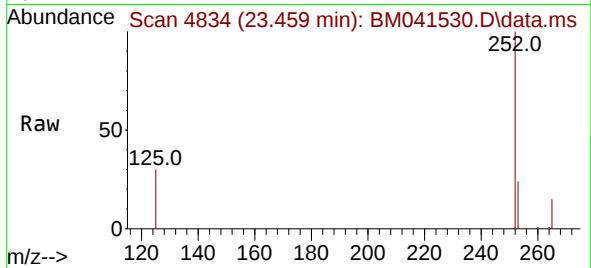
Tgt Ion:228 Resp: 48256
Ion Ratio Lower Upper
228 100
226 33.6 26.3 39.5
229 21.2 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.512 ng/ul
RT: 23.459 min Scan# 4834
Delta R.T. -0.003 min
Lab File: BM041530.D
Acq: 28 Aug 2023 20:17

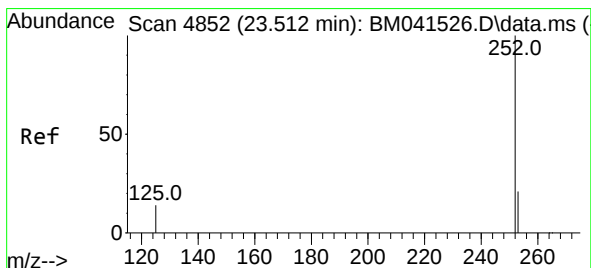
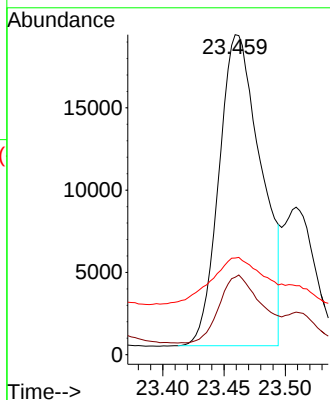
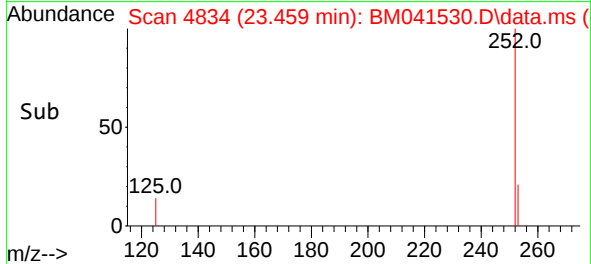
Instrument :
BNA_M
ClientSampleId :
EZY2DL



Tgt Ion:252 Resp: 45292
Ion Ratio Lower Upper
252 100
253 24.2 0.0 47.0
125 30.2 0.0 37.2

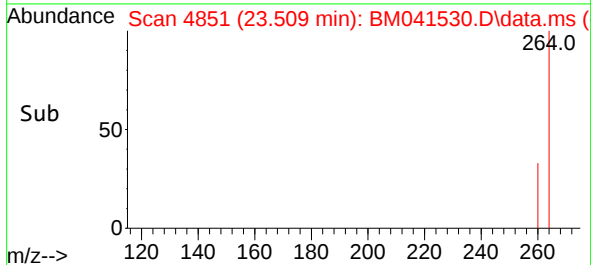
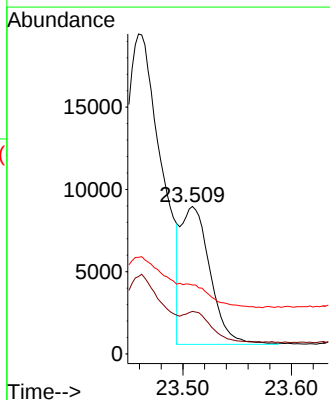
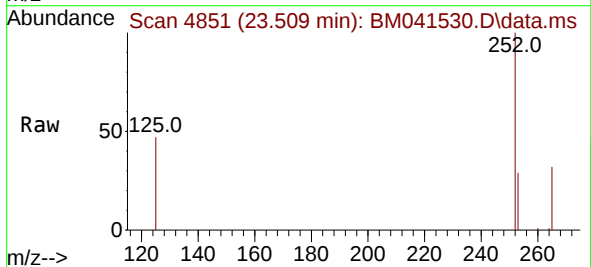
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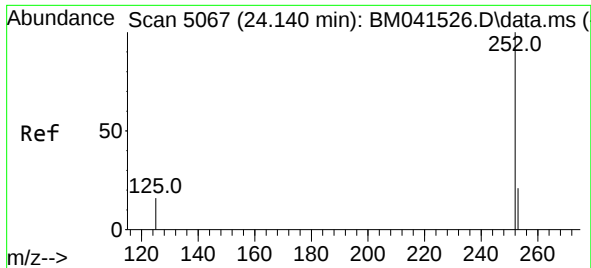
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#25
Benzo(k)fluoranthene
Concen: 0.181 ng/ul m
RT: 23.509 min Scan# 4851
Delta R.T. -0.009 min
Lab File: BM041530.D
Acq: 28 Aug 2023 20:17

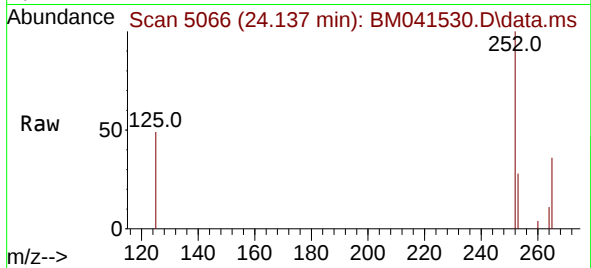
Tgt Ion:252 Resp: 15682
Ion Ratio Lower Upper
252 100
253 28.9 19.3 28.9
125 46.8 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.218 ng/ul
RT: 24.137 min Scan# 5067
Delta R.T. -0.006 min
Lab File: BM041530.D
Acq: 28 Aug 2023 20:17

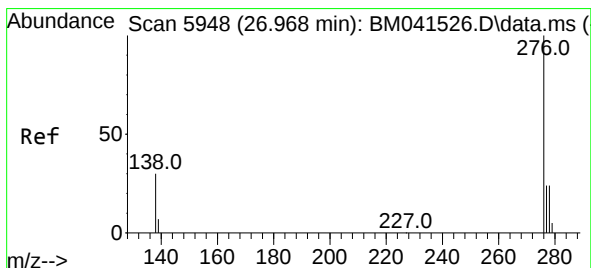
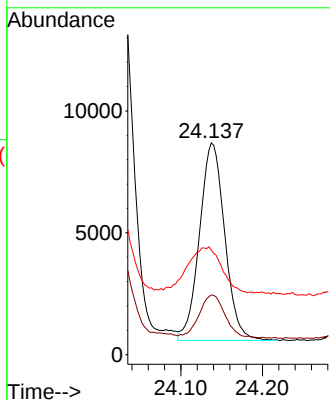
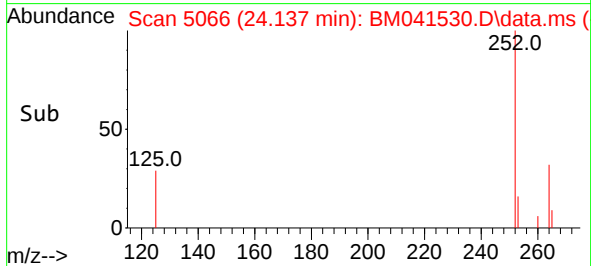
Instrument :
BNA_M
ClientSampleId :
EZY2DL



Tgt Ion:252 Resp: 17438
Ion Ratio Lower Upper
252 100
253 28.1 20.0 30.0
125 49.4 17.1 25.7

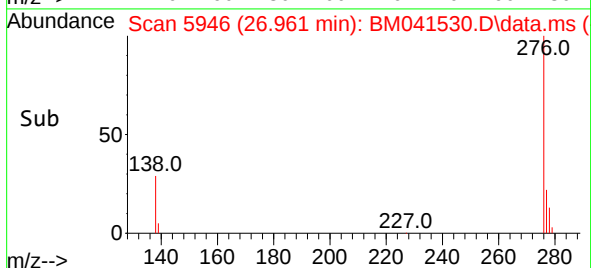
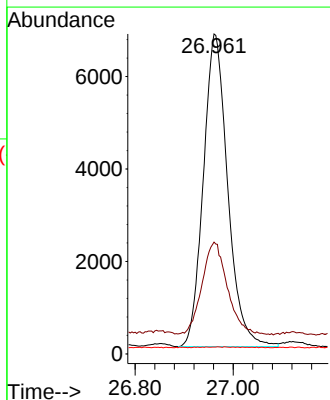
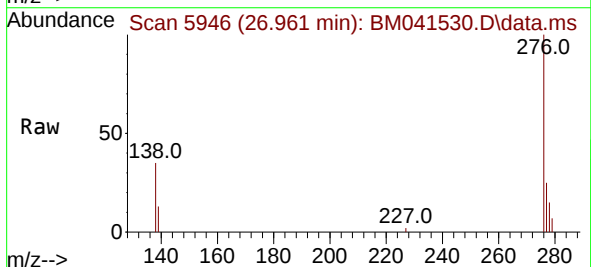
Manual Integrations
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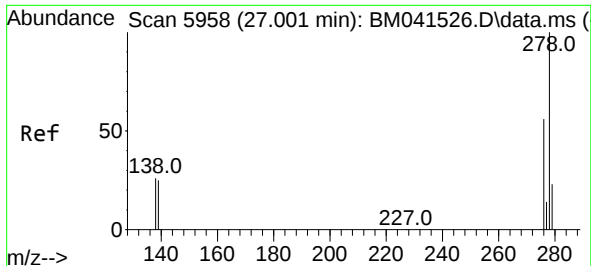
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.217 ng/ul
RT: 26.961 min Scan# 5946
Delta R.T. -0.010 min
Lab File: BM041530.D
Acq: 28 Aug 2023 20:17

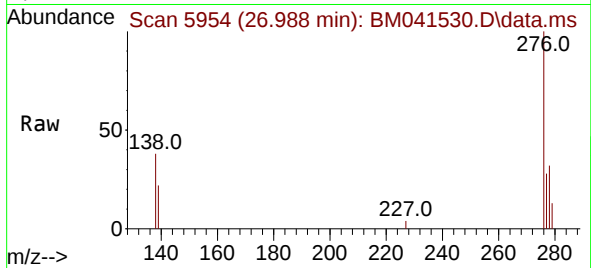
Tgt Ion:276 Resp: 23314
Ion Ratio Lower Upper
276 100
138 30.9 27.3 40.9
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.067 ng/ul
RT: 26.988 min Scan# 5954
Delta R.T. -0.020 min
Lab File: BM041530.D
Acq: 28 Aug 2023 20:17

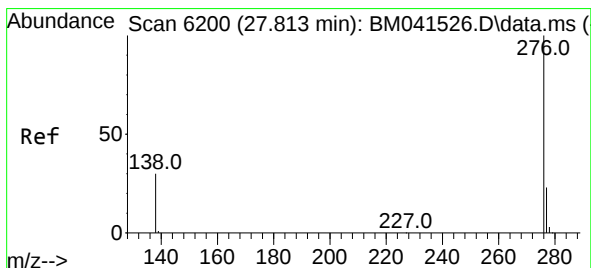
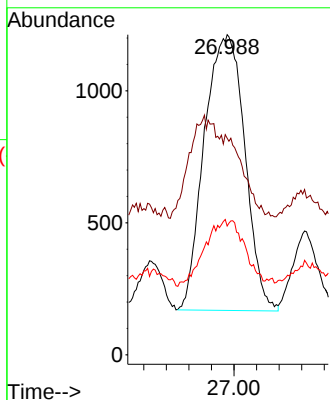
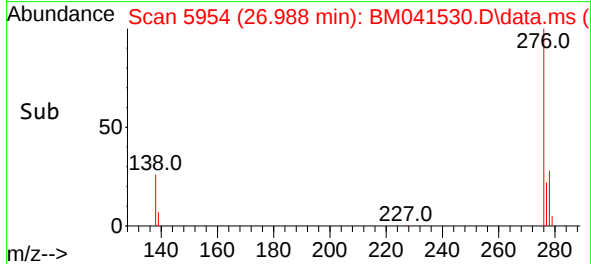
Instrument :
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EZY2DL



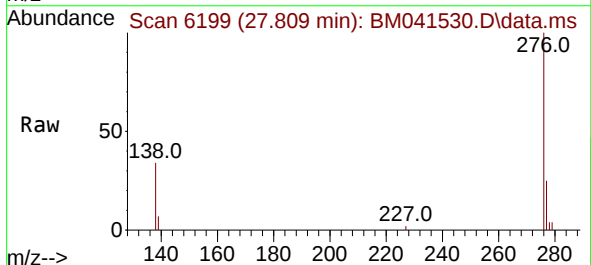
Tgt Ion:278 Resp: 520
Ion Ratio Lower Upper
278 100
139 67.7 22.2 33.2
279 40.2 20.4 30.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#29
Benzo(g,h,i)perylene
Concen: 0.301 ng/ul
RT: 27.809 min Scan# 6199
Delta R.T. -0.007 min
Lab File: BM041530.D
Acq: 28 Aug 2023 20:17



Tgt Ion:276 Resp: 27085
Ion Ratio Lower Upper
276 100
138 33.6 25.9 38.9
277 25.3 19.1 28.7

