

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035530.D
 Acq On : 20 Jun 2022 12:26
 Operator : CG/JU
 Sample : N3226-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4N5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
 Supervised By :Yogesh Patel 06/25/2022

Quant Time: Jun 21 01:28:27 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	4555	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.622	136	14733	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.459	164	8575	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.208	188	17203	0.400	ng/ul	-0.02
17) Chrysene-d12	21.409	240	13028	0.400	ng/ul	0.00
23) Perylene-d12	23.748	264	12039	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	12030	1.877	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.250	152	2673	0.122	ng/ul	0.00
18) Fluoranthene-d10	19.243	212	5765	0.132	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.671	128	3442	0.069	ng/ul#	92
7) 2-Methylnaphthalene	12.321	142	2954	0.104	ng/ul	98
8) 1-Methylnaphthalene	12.525	142	2625m	0.100	ng/ul	
15) Phenanthrene	17.246	178	5667	0.090	ng/ul	97
19) Fluoranthene	19.271	202	6820	0.102	ng/ul#	92
20) Pyrene	19.628	202	6646m	0.095	ng/ul	
21) Benzo(a)anthracene	21.401	228	2781	0.056	ng/ul#	86
22) Chrysene	21.450	228	3410	0.058	ng/ul#	91
24) Benzo(b)fluoranthene	23.034	252	4375	0.083	ng/ul#	40
25) Benzo(k)fluoranthene	23.078	252	1859m	0.034	ng/ul	
26) Benzo(a)pyrene	23.631	252	2796	0.051	ng/ul#	26
27) Indeno(1,2,3-cd)pyrene	26.226	276	1983	0.031	ng/ul#	99
29) Benzo(g,h,i)perylene	26.970	276	1744	0.031	ng/ul#	59

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

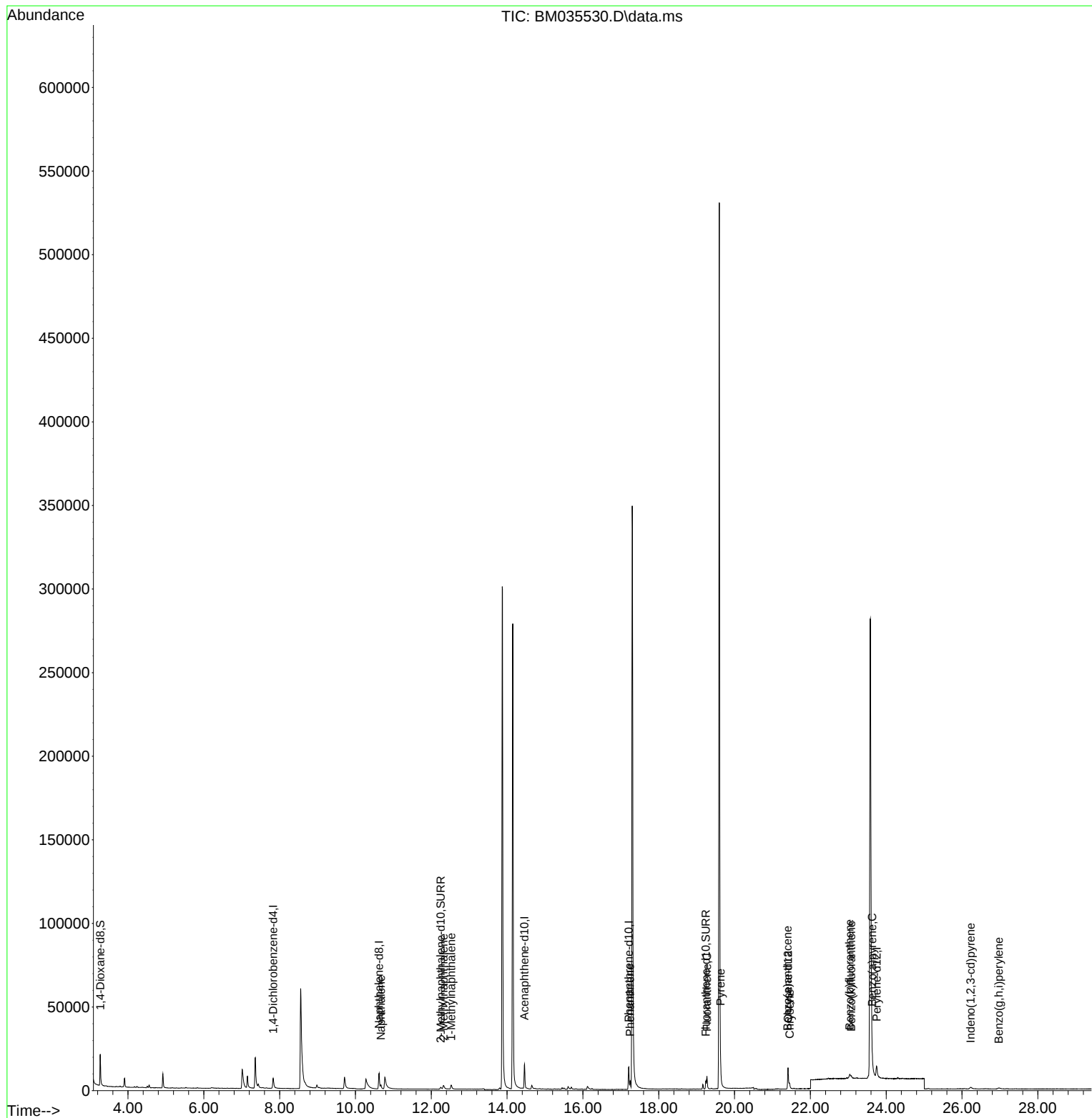
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
Data File : BM035530.D
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ALS Vial : 7 Sample Multiplier: 1

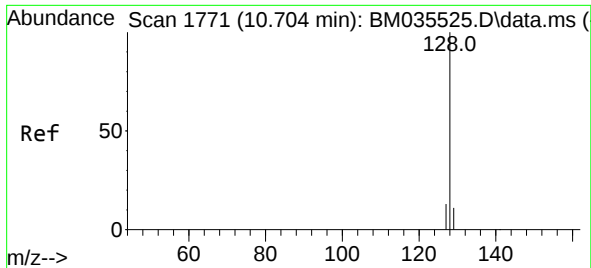
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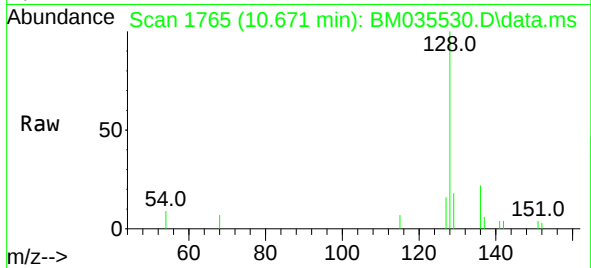
Quant Time: Jun 21 01:28:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
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#5
Naphthalene
Concen: 0.069 ng/u1
RT: 10.671 min Scan# 1765
Delta R.T. -0.022 min
Lab File: BM035530.D
Acq: 20 Jun 2022 12:26

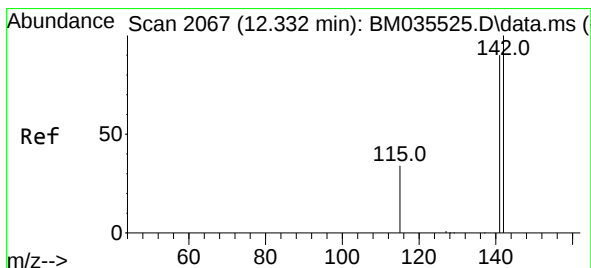
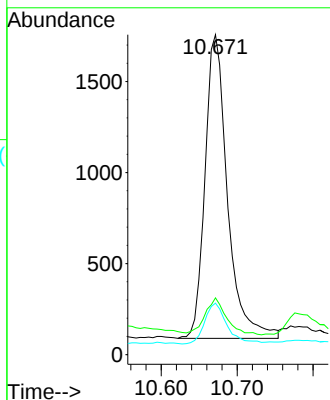
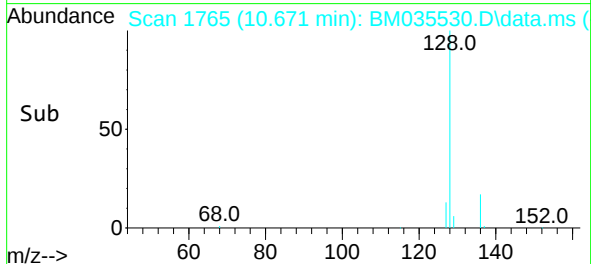
Instrument :
BNA_M
ClientSampleId :
EW4N5



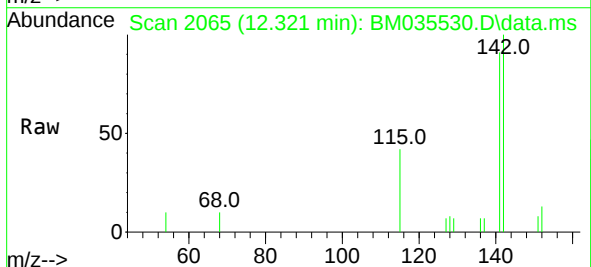
Tgt Ion:128 Resp: 344
Ion Ratio Lower Upper
128 100
129 17.8 10.1 15.1
127 16.1 11.4 17.2

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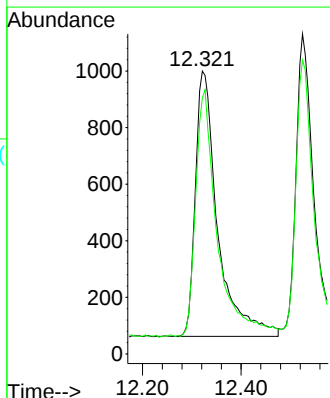
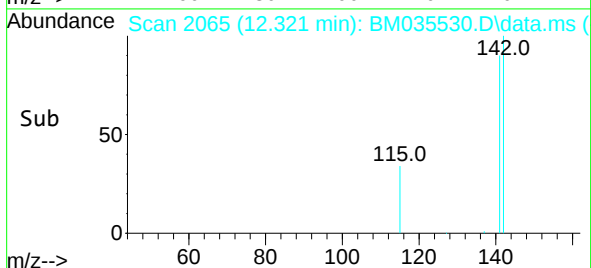
Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :Yogesh Patel 06/25/2022

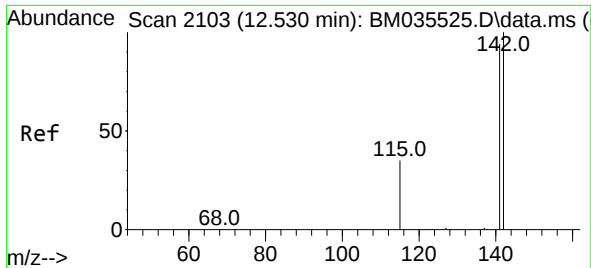


#7
2-Methylnaphthalene
Concen: 0.104 ng/u1
RT: 12.321 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BM035530.D
Acq: 20 Jun 2022 12:26



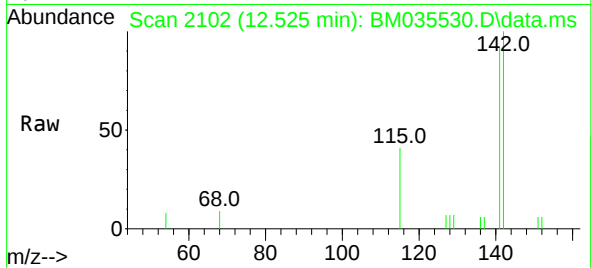
Tgt Ion:142 Resp: 2954
Ion Ratio Lower Upper
142 100
141 90.2 73.8 110.8





#8
1-Methylnaphthalene
Concen: 0.100 ng/ul m
RT: 12.525 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BM035530.D
Acq: 20 Jun 2022 12:26

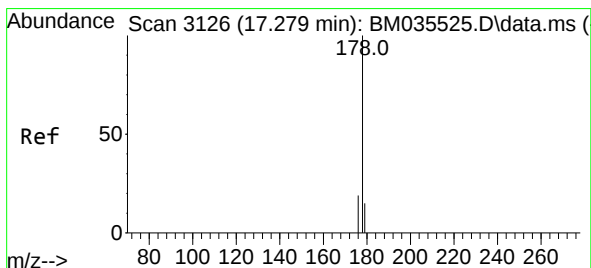
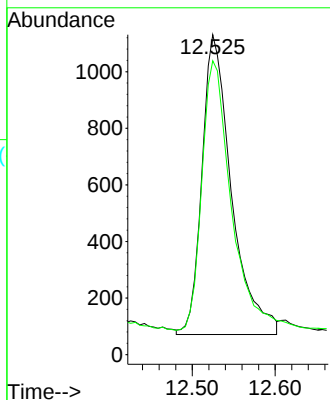
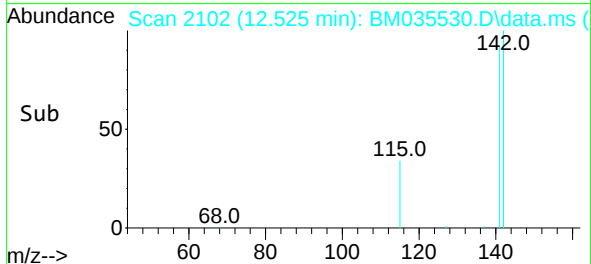
Instrument :
BNA_M
ClientSampleId :
EW4N5



Tgt Ion:142 Resp: 262
Ion Ratio Lower Upper
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141 85.0 74.6 111.8

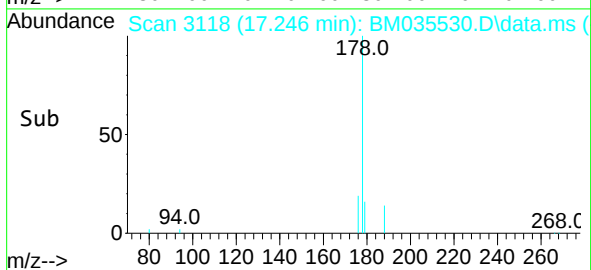
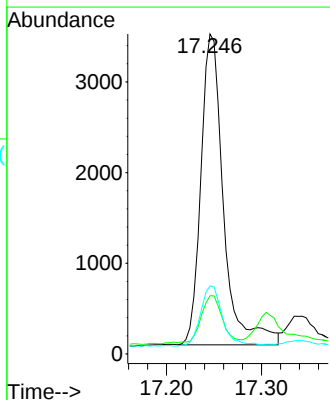
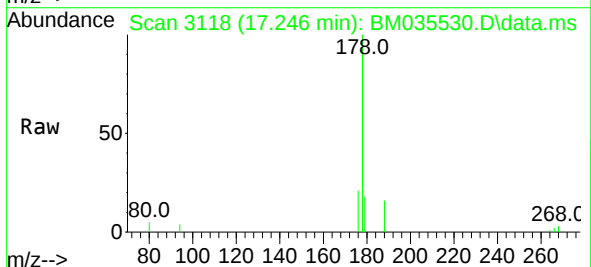
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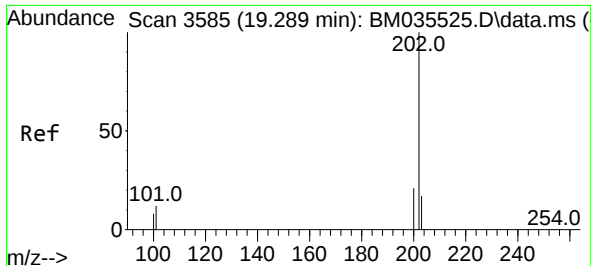
Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :Yogesh Patel 06/25/2022



#15
Phenanthrene
Concen: 0.090 ng/ul
RT: 17.246 min Scan# 3118
Delta R.T. -0.026 min
Lab File: BM035530.D
Acq: 20 Jun 2022 12:26

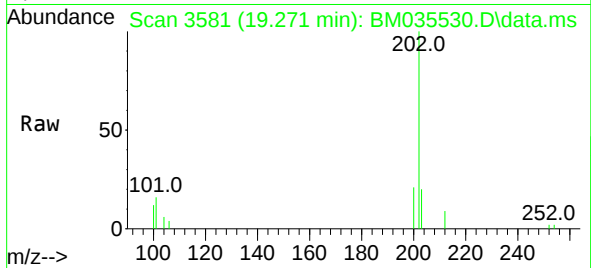
Tgt Ion:178 Resp: 5667
Ion Ratio Lower Upper
178 100
179 18.2 13.2 19.8
176 21.3 16.2 24.4





#19
Fluoranthene
Concen: 0.102 ng/u1
RT: 19.271 min Scan# 3581
Delta R.T. -0.015 min
Lab File: BM035530.D
Acq: 20 Jun 2022 12:26

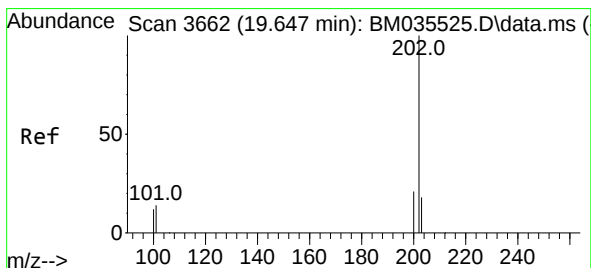
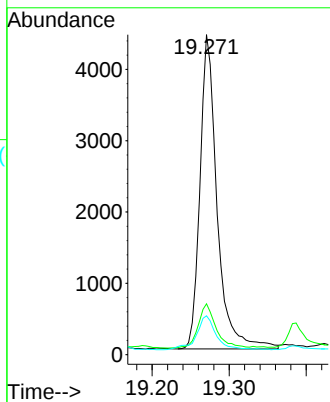
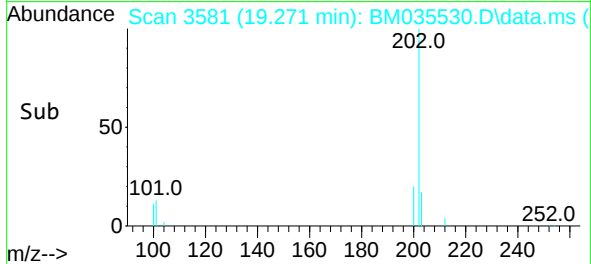
Instrument :
BNA_M
ClientSampleId :
EW4N5



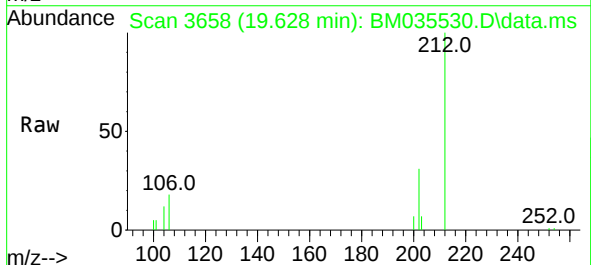
Tgt Ion:202 Resp: 6820
Ion Ratio Lower Upper
202 100
101 15.9 10.0 15.0#
100 12.1 7.5 11.3#

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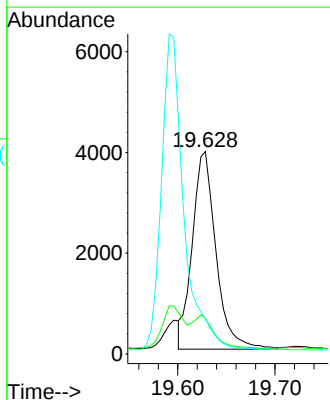
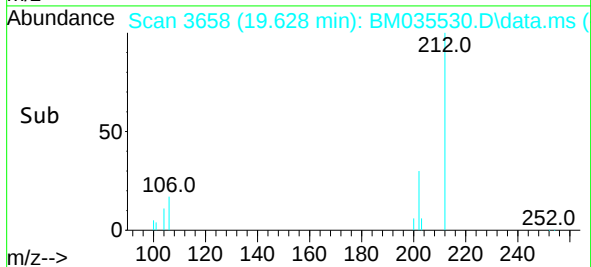
Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :Yogesh Patel 06/25/2022

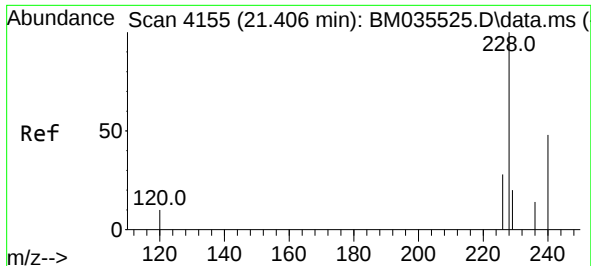


#20
Pyrene
Concen: 0.095 ng/u1 m
RT: 19.628 min Scan# 3658
Delta R.T. -0.019 min
Lab File: BM035530.D
Acq: 20 Jun 2022 12:26



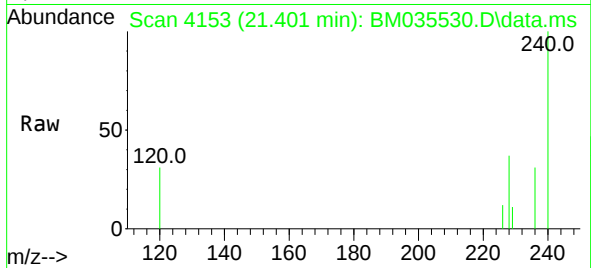
Tgt Ion:202 Resp: 6646
Ion Ratio Lower Upper
202 100
101 17.4 11.6 17.4#
100 17.5 9.3 13.9#





#21
Benzo(a)anthracene
Concen: 0.056 ng/u1
RT: 21.401 min Scan# 4153
Delta R.T. 0.001 min
Lab File: BM035530.D
Acq: 20 Jun 2022 12:26

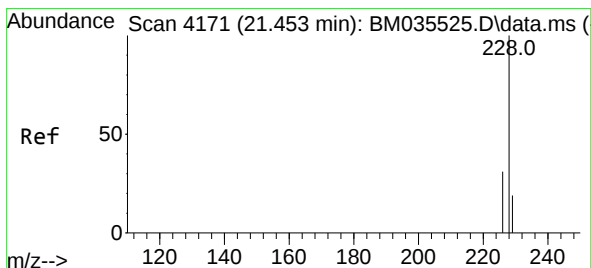
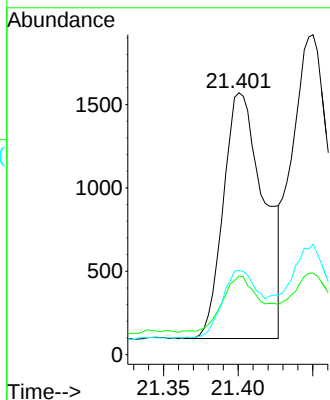
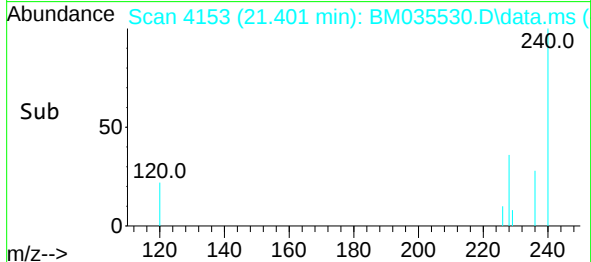
Instrument :
BNA_M
ClientSampleId :
EW4N5



Tgt Ion:228 Resp: 278
Ion Ratio Lower Upper
228 100
229 30.0 16.2 24.2
226 32.1 22.3 33.5

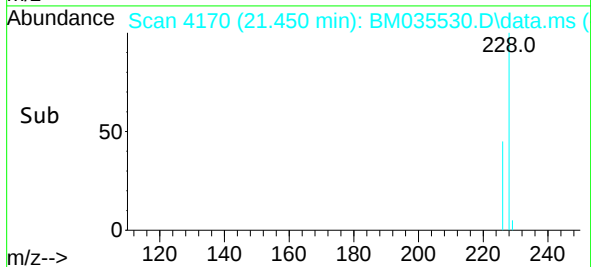
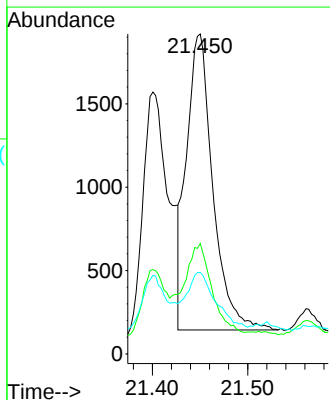
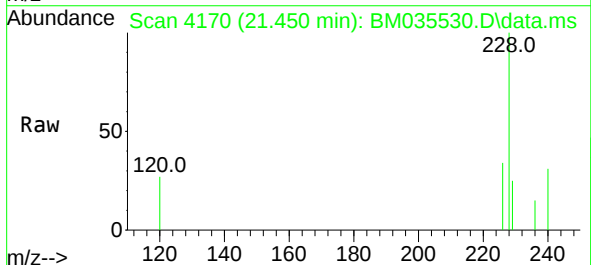
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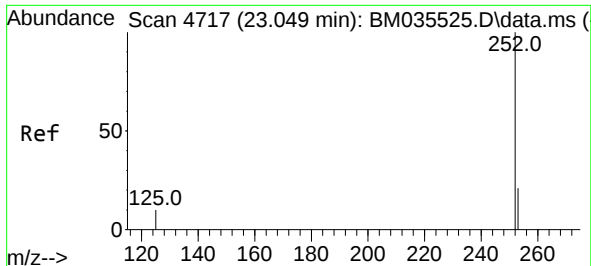
Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :Yogesh Patel 06/25/2022



#22
Chrysene
Concen: 0.058 ng/u1
RT: 21.450 min Scan# 4170
Delta R.T. 0.001 min
Lab File: BM035530.D
Acq: 20 Jun 2022 12:26

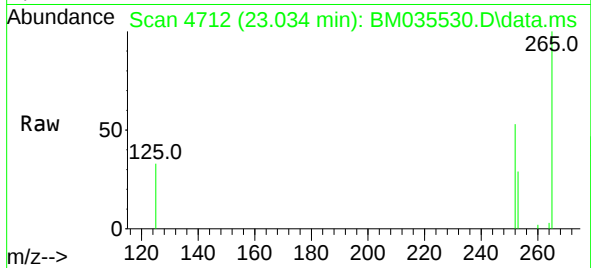
Tgt Ion:228 Resp: 3410
Ion Ratio Lower Upper
228 100
226 34.5 24.5 36.7
229 25.4 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.083 ng/ul
RT: 23.034 min Scan# 4717
Delta R.T. -0.017 min
Lab File: BM035530.D
Acq: 20 Jun 2022 12:26

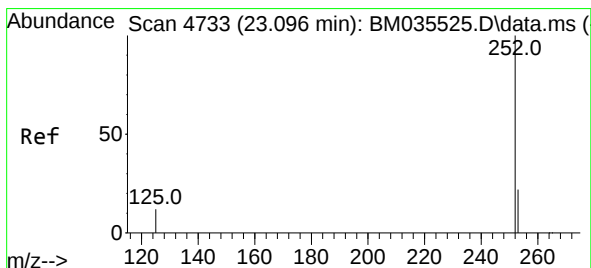
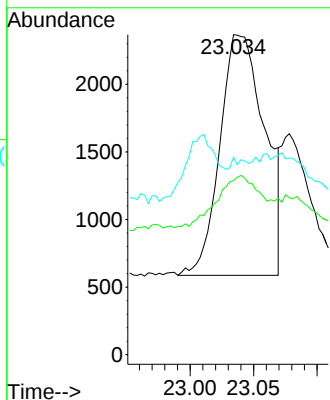
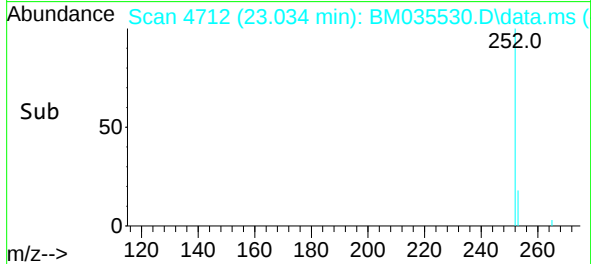
Instrument :
BNA_M
ClientSampleId :
EW4N5



Tgt Ion:252 Resp: 4375
Ion Ratio Lower Upper
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253 54.3 0.0 60.6
125 61.7 0.0 44.8

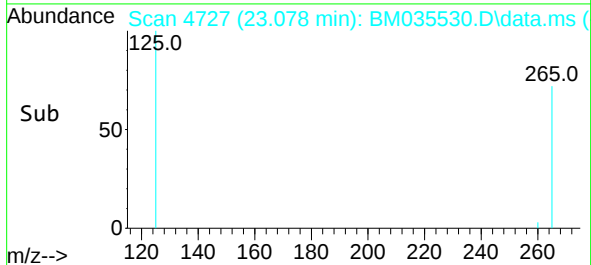
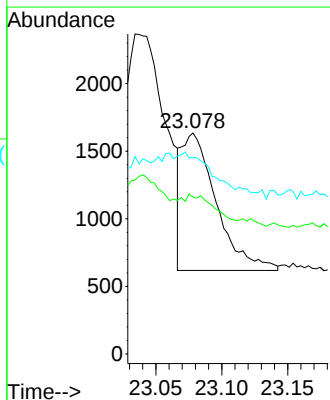
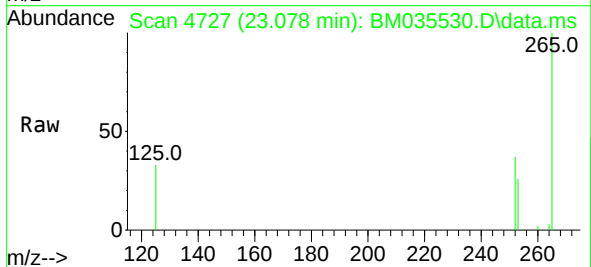
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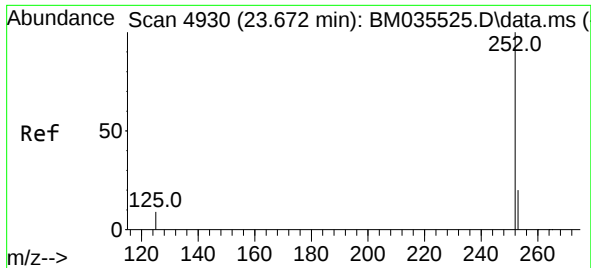
Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :Yogesh Patel 06/25/2022



#25
Benzo(k)fluoranthene
Concen: 0.034 ng/ul m
RT: 23.078 min Scan# 4727
Delta R.T. -0.020 min
Lab File: BM035530.D
Acq: 20 Jun 2022 12:26

Tgt Ion:252 Resp: 1859
Ion Ratio Lower Upper
252 100
253 71.1 24.7 37.1#
125 89.0 18.2 27.4#





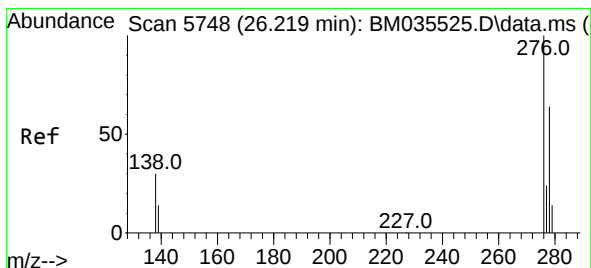
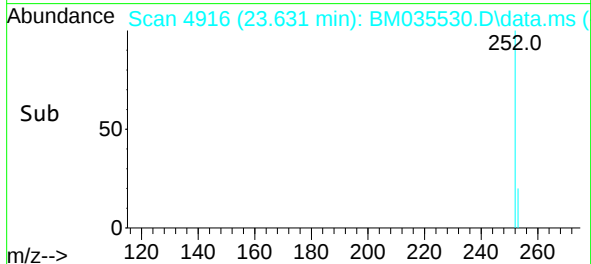
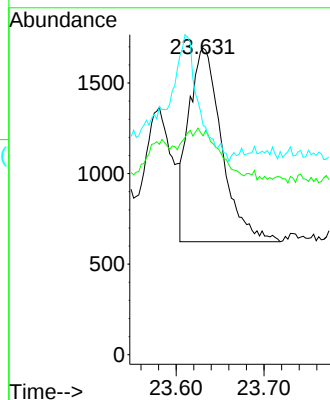
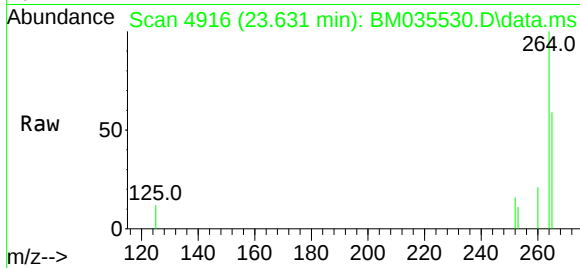
#26
Benzo(a)pyrene
Concen: 0.051 ng/ul
RT: 23.631 min Scan# 4916
Delta R.T. -0.037 min
Lab File: BM035530.D
Acq: 20 Jun 2022 12:26

Instrument :
BNA_M
ClientSampleId :
EW4N5

Tgt Ion:252 Resp: 2790
Ion Ratio Lower Upper
252 100
253 71.5 27.8 41.6
125 74.9 23.3 34.9

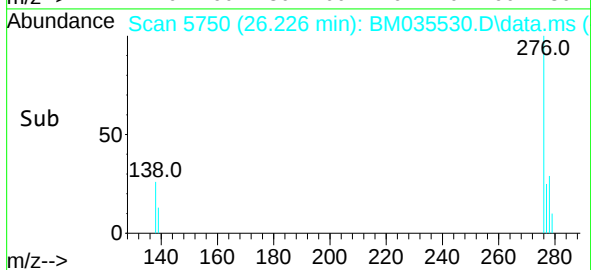
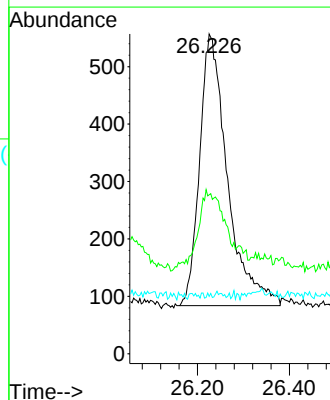
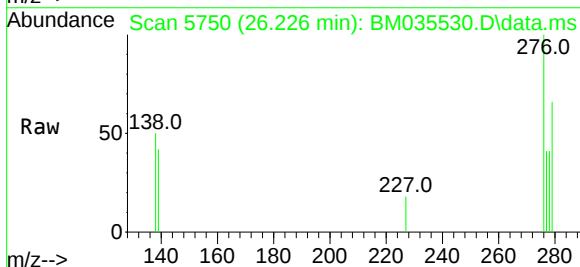
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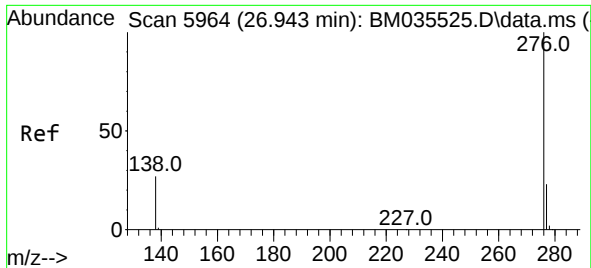
Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :Yogesh Patel 06/25/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng/ul
RT: 26.226 min Scan# 5750
Delta R.T. 0.014 min
Lab File: BM035530.D
Acq: 20 Jun 2022 12:26

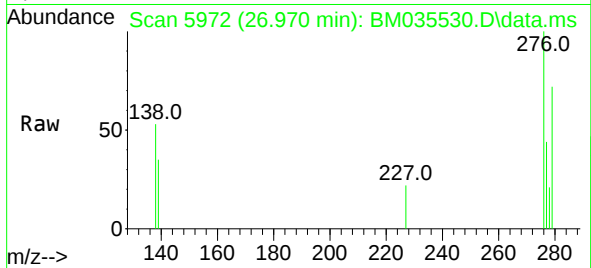
Tgt Ion:276 Resp: 1983
Ion Ratio Lower Upper
276 100
138 31.3 24.8 37.2
227 0.2 0.1 0.1





#29
Benzo(g,h,i)perylene
Concen: 0.031 ng/ul
RT: 26.970 min Scan# 5972
Delta R.T. 0.024 min
Lab File: BM035530.D
Acq: 20 Jun 2022 12:26

Instrument :
BNA_M
ClientSampleId :
EW4N5



Tgt Ion: 276 Resp: 1744
Ion Ratio Lower Upper
276 100
138 53.2 23.1 34.7
277 43.5 20.3 30.5

Manual Integrations
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Reviewed By : Jagrut Upadhyay 06/21/2022
Supervised By : Yogesh Patel 06/25/2022

