

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035546.D
 Acq On : 20 Jun 2022 22:44
 Operator : CG/JU
 Sample : N3226-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4N2

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 01:29:29 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	4641	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.617	136	14790	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.459	164	7861	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.204	188	15905m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.409	240	12502	0.400	ng/ul	0.00
23) Perylene-d12	23.742	264	14177	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	25160	3.853	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.250	152	5393	0.245	ng/ul	0.00
18) Fluoranthene-d10	19.243	212	11194	0.267	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.661	128	2494	0.050	ng/ul#	88
7) 2-Methylnaphthalene	12.327	142	2023	0.071	ng/ul	98
8) 1-Methylnaphthalene	12.530	142	1649m	0.063	ng/ul	
15) Phenanthrene	17.246	178	5363	0.092	ng/ul	97
19) Fluoranthene	19.271	202	7778	0.122	ng/ul#	91
20) Pyrene	19.624	202	8329m	0.124	ng/ul	
21) Benzo(a)anthracene	21.395	228	4442	0.094	ng/ul#	88
22) Chrysene	21.444	228	4781	0.085	ng/ul	94
24) Benzo(b)fluoranthene	23.037	252	6638	0.107	ng/ul	69
25) Benzo(k)fluoranthene	23.078	252	2444m	0.038	ng/ul	
26) Benzo(a)pyrene	23.628	252	4310	0.067	ng/ul#	55
27) Indeno(1,2,3-cd)pyrene	26.202	276	3704	0.050	ng/ul	92
29) Benzo(g,h,i)perylene	26.940	276	4451	0.067	ng/ul#	82

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

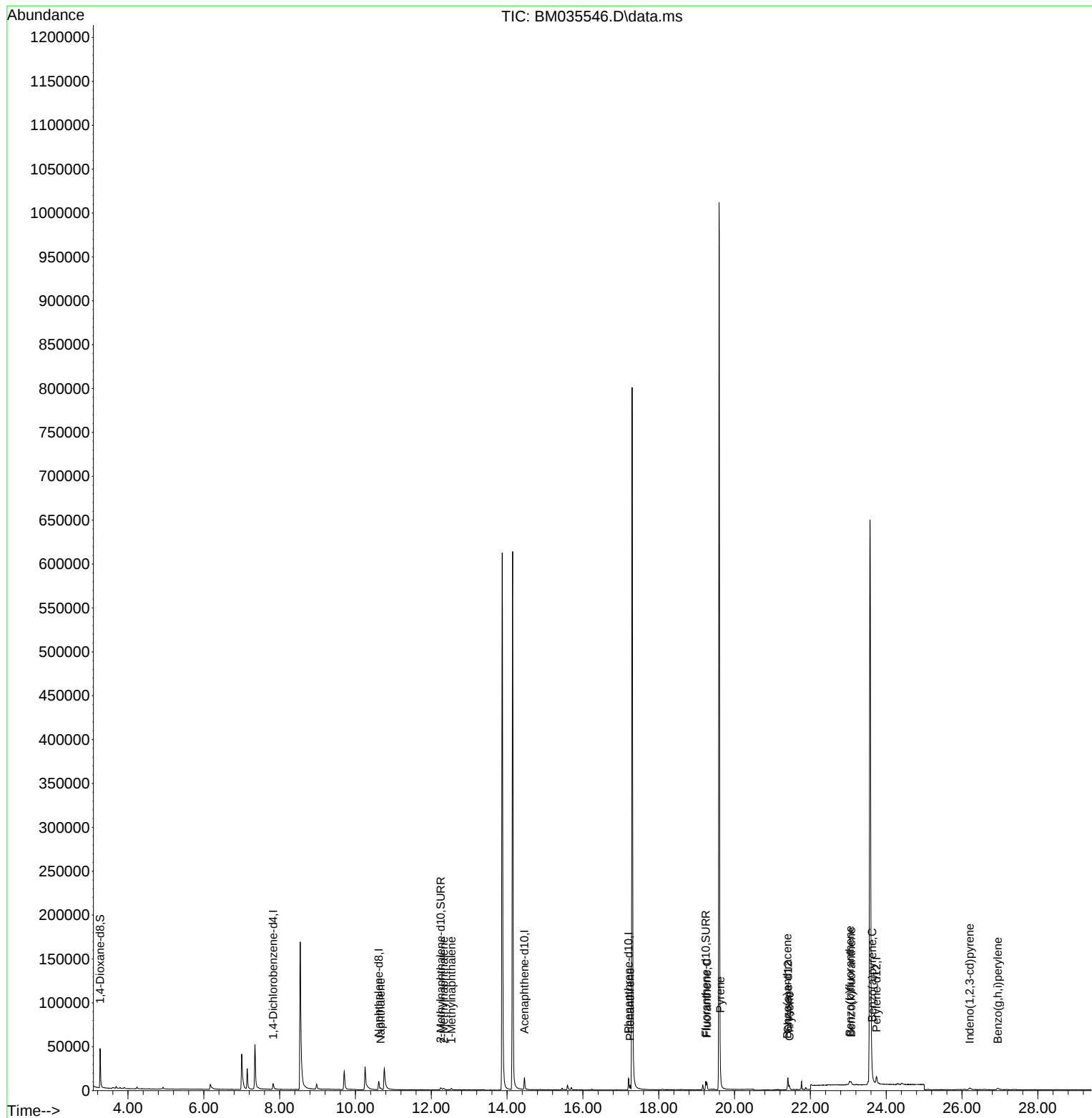
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
Data File : BM035546.D
Acq On : 20 Jun 2022 22:44
Operator : CG/JU
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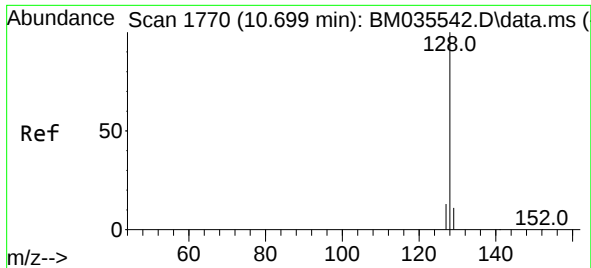
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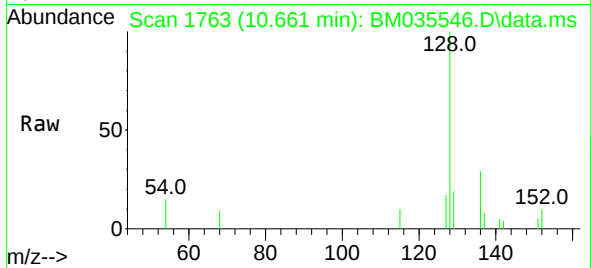
Quant Time: Jun 21 01:29:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
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#5
Naphthalene
Concen: 0.050 ng/ul
RT: 10.661 min Scan# 1763
Delta R.T. -0.033 min
Lab File: BM035546.D
Acq: 20 Jun 2022 22:44

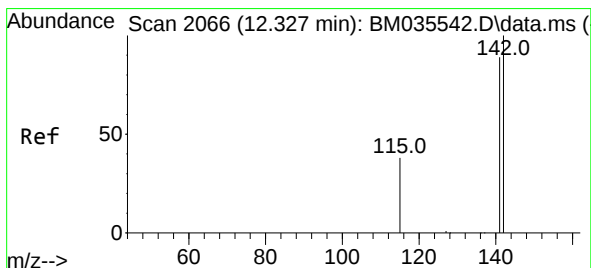
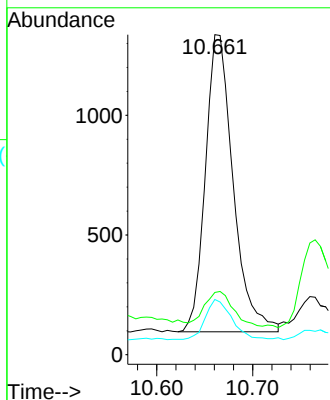
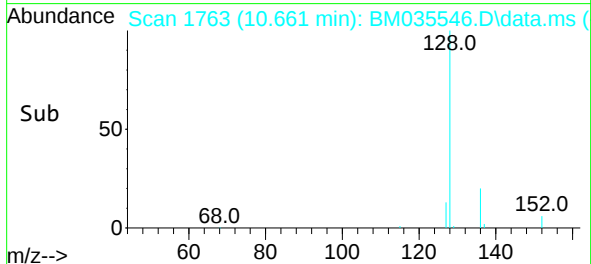
Instrument :
BNA_M
ClientSampleId :
EW4N2



Tgt Ion:128 Resp: 2494
Ion Ratio Lower Upper
128 100
129 19.4 10.1 15.1
127 17.3 11.4 17.2

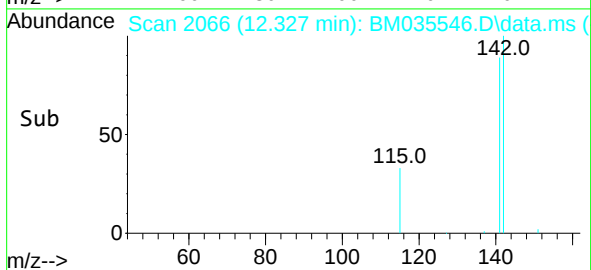
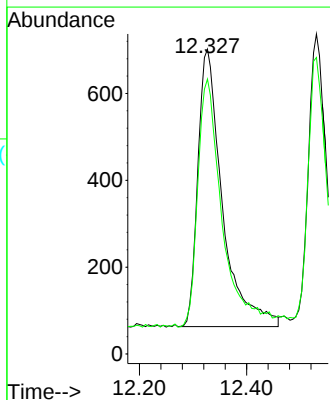
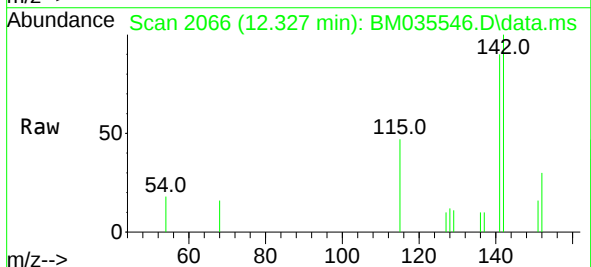
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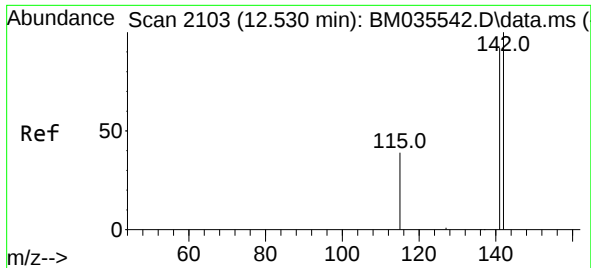
Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :Yogesh Patel 06/25/2022



#7
2-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.006 min
Lab File: BM035546.D
Acq: 20 Jun 2022 22:44

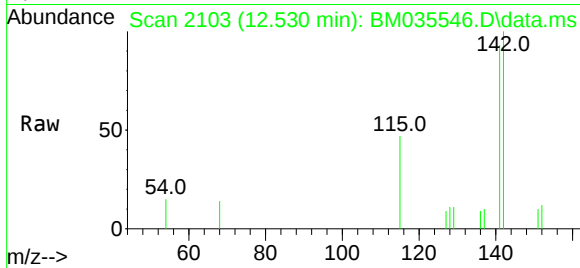
Tgt Ion:142 Resp: 2023
Ion Ratio Lower Upper
142 100
141 90.4 73.8 110.8





#8
1-Methylnaphthalene
Concen: 0.063 ng/ul m
RT: 12.530 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BM035546.D
Acq: 20 Jun 2022 22:44

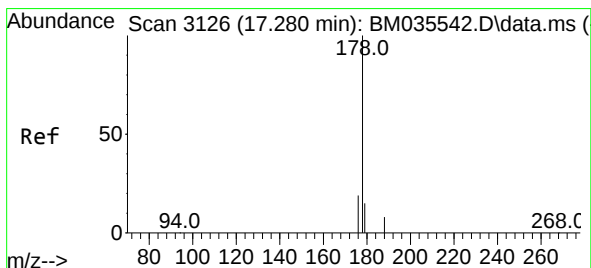
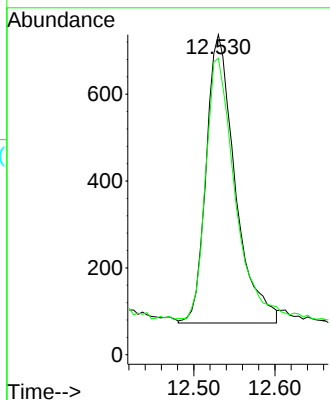
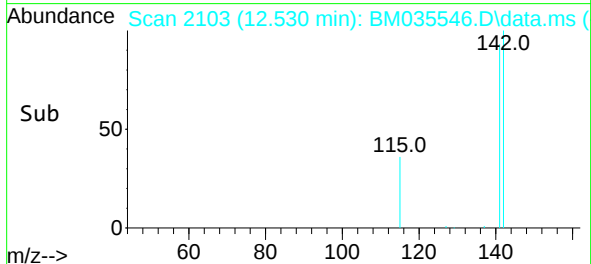
Instrument :
BNA_M
ClientSampleId :
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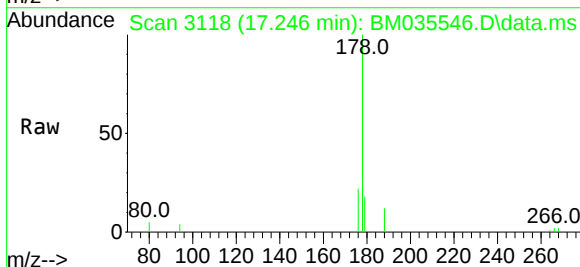
Tgt Ion:142 Resp: 1649
Ion Ratio Lower Upper
142 100
141 84.7 74.6 111.8

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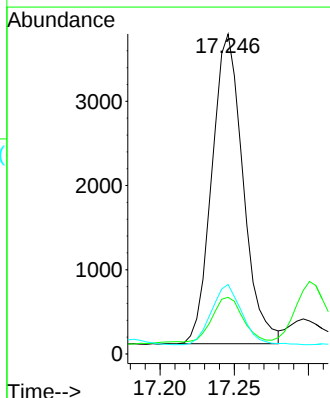
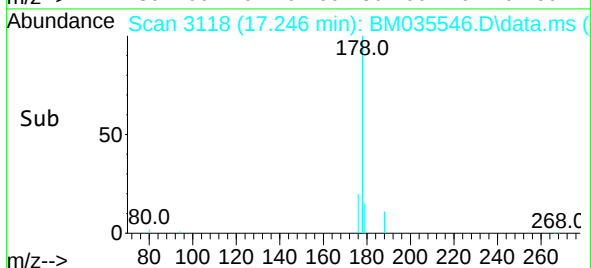
Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :Yogesh Patel 06/25/2022

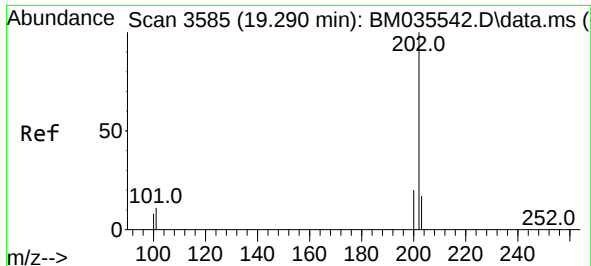


#15
Phenanthrene
Concen: 0.092 ng/ul
RT: 17.246 min Scan# 3118
Delta R.T. -0.026 min
Lab File: BM035546.D
Acq: 20 Jun 2022 22:44



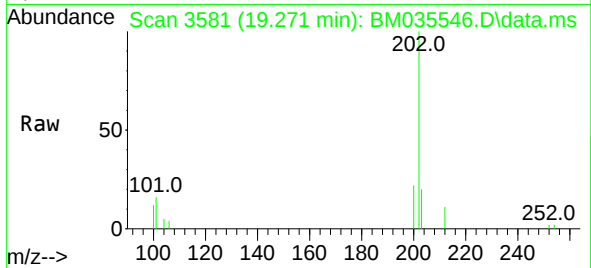
Tgt Ion:178 Resp: 5363
Ion Ratio Lower Upper
178 100
179 17.7 13.2 19.8
176 21.7 16.2 24.4





#19
Fluoranthene
Concen: 0.122 ng/u1
RT: 19.271 min Scan# 3581
Delta R.T. -0.015 min
Lab File: BM035546.D
Acq: 20 Jun 2022 22:44

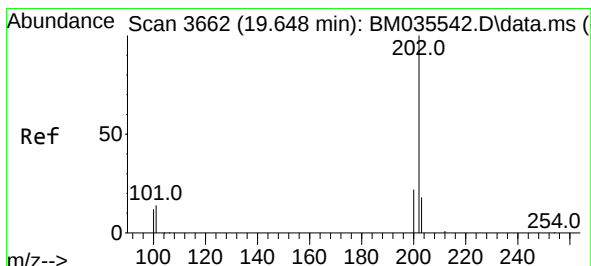
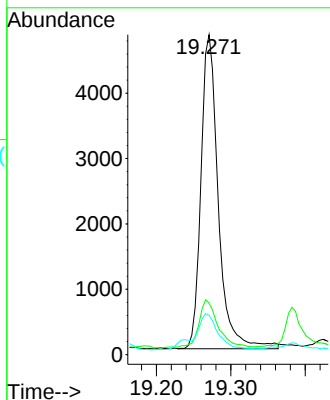
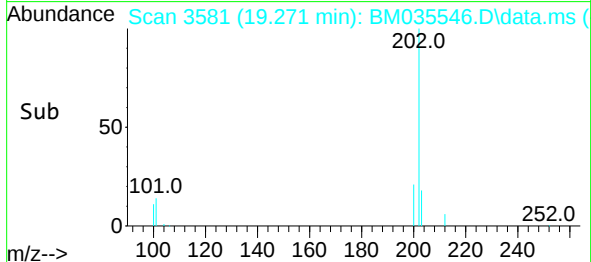
Instrument :
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ClientSampleId :
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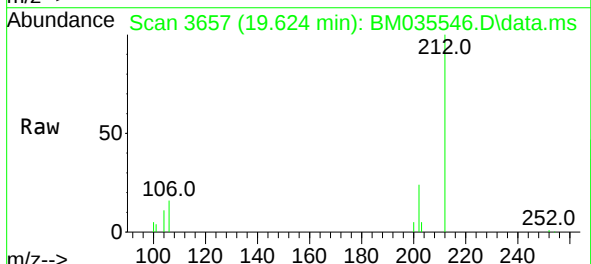
Tgt Ion:202 Resp: 7778
Ion Ratio Lower Upper
202 100
101 16.1 10.0 15.0
100 12.3 7.5 11.3

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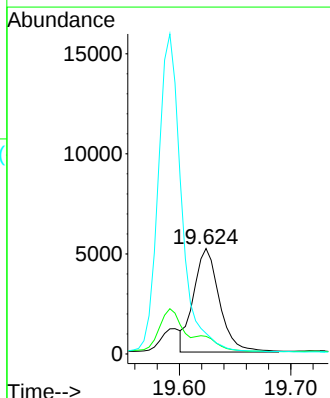
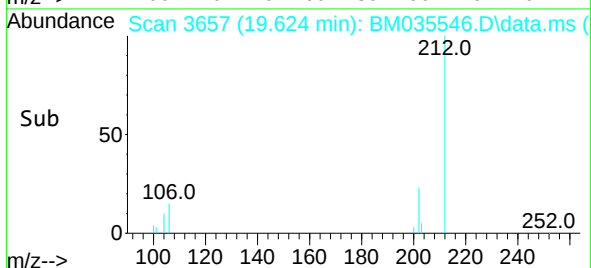
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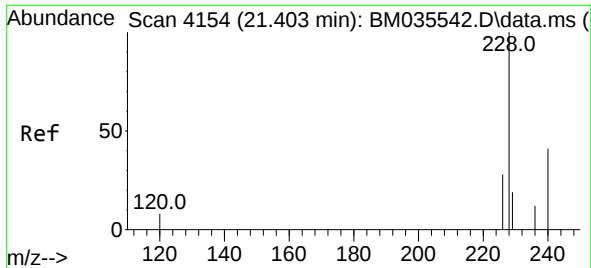


#20
Pyrene
Concen: 0.124 ng/u1 m
RT: 19.624 min Scan# 3657
Delta R.T. -0.024 min
Lab File: BM035546.D
Acq: 20 Jun 2022 22:44



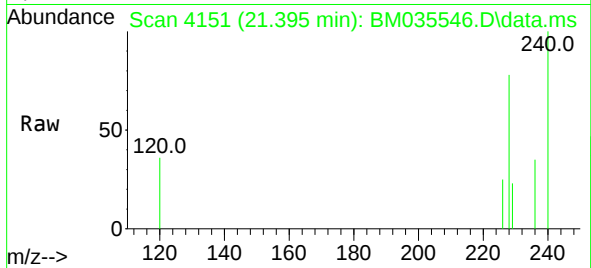
Tgt Ion:202 Resp: 8329
Ion Ratio Lower Upper
202 100
101 16.6 11.6 17.4
100 19.6 9.3 13.9





#21
Benzo(a)anthracene
Concen: 0.094 ng/u1
RT: 21.395 min Scan# 4151
Delta R.T. -0.005 min
Lab File: BM035546.D
Acq: 20 Jun 2022 22:44

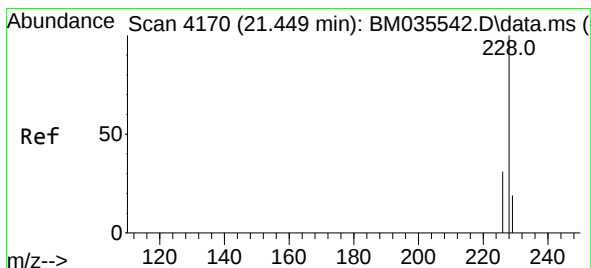
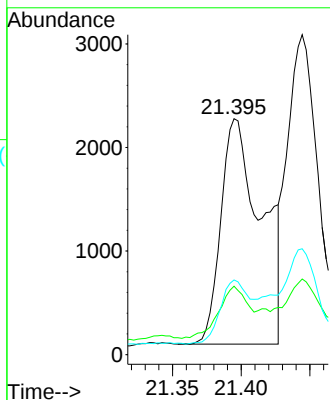
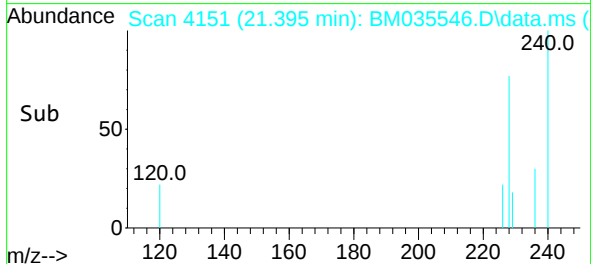
Instrument :
BNA_M
ClientSampleId :
EW4N2



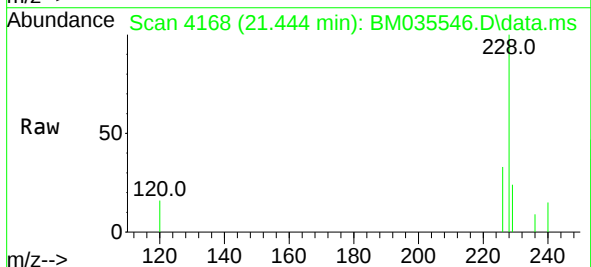
Tgt Ion:228 Resp: 444
Ion Ratio Lower Upper
228 100
229 29.0 16.2 24.2
226 31.7 22.3 33.5

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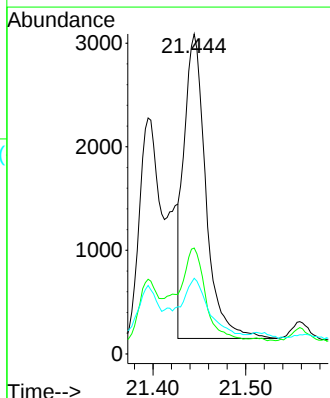
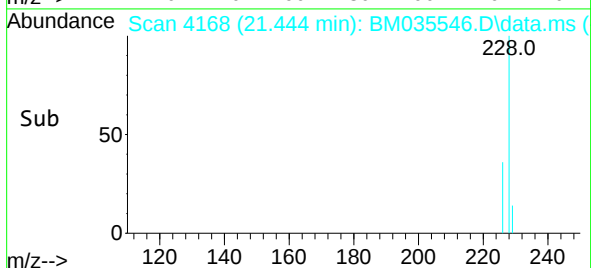
Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :Yogesh Patel 06/25/2022

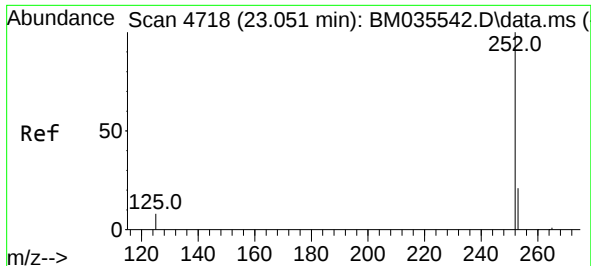


#22
Chrysene
Concen: 0.085 ng/u1
RT: 21.444 min Scan# 4168
Delta R.T. -0.005 min
Lab File: BM035546.D
Acq: 20 Jun 2022 22:44



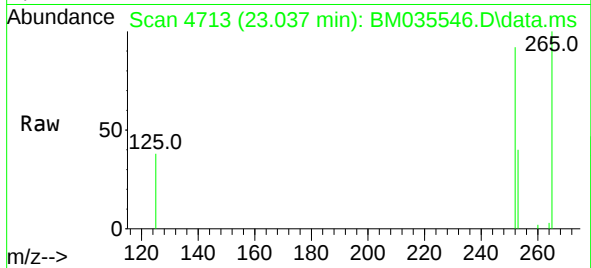
Tgt Ion:228 Resp: 4781
Ion Ratio Lower Upper
228 100
226 33.1 24.5 36.7
229 23.7 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.107 ng/ul
RT: 23.037 min Scan# 4713
Delta R.T. -0.014 min
Lab File: BM035546.D
Acq: 20 Jun 2022 22:44

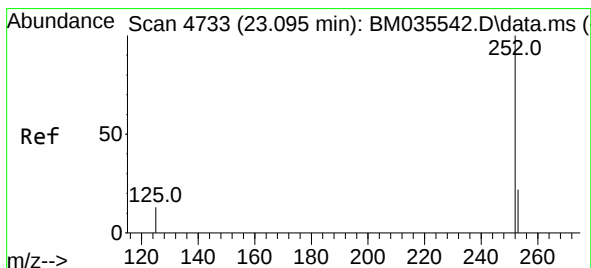
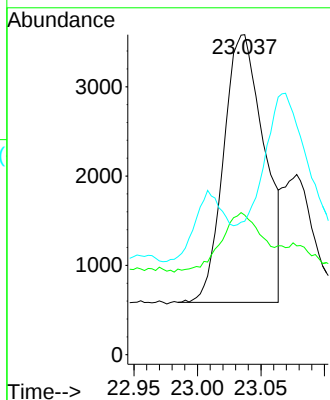
Instrument :
BNA_M
ClientSampleId :
EW4N2



Tgt Ion:252 Resp: 6638
Ion Ratio Lower Upper
252 100
253 43.6 0.0 60.6
125 41.7 0.0 44.8

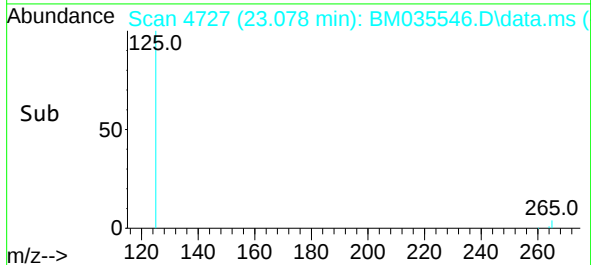
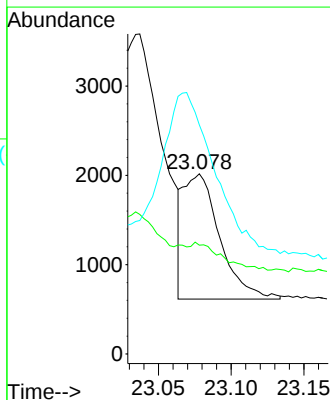
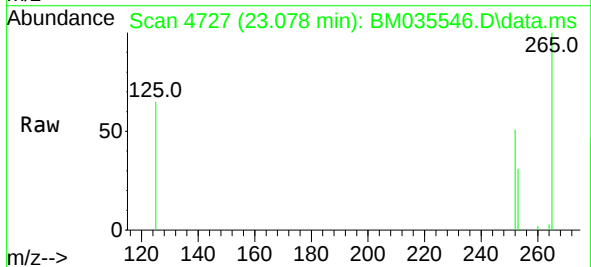
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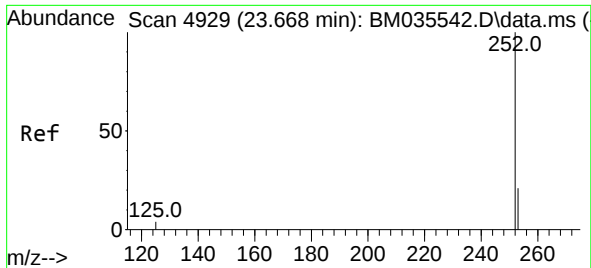
Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :Yogesh Patel 06/25/2022



#25
Benzo(k)fluoranthene
Concen: 0.038 ng/ul m
RT: 23.078 min Scan# 4727
Delta R.T. -0.020 min
Lab File: BM035546.D
Acq: 20 Jun 2022 22:44

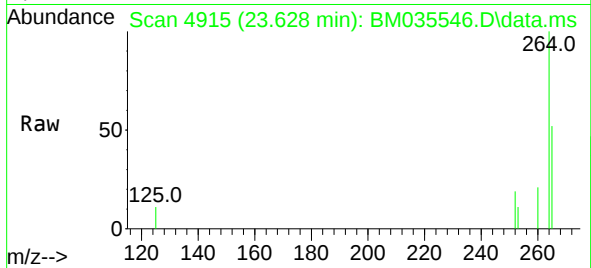
Tgt Ion:252 Resp: 2444
Ion Ratio Lower Upper
252 100
253 60.4 24.7 37.1#
125 127.2 18.2 27.4#





#26
Benzo(a)pyrene
Concen: 0.067 ng/ul
RT: 23.628 min Scan# 4915
Delta R.T. -0.040 min
Lab File: BM035546.D
Acq: 20 Jun 2022 22:44

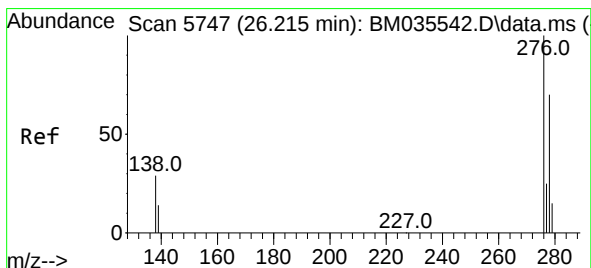
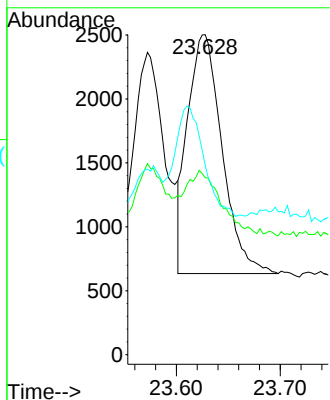
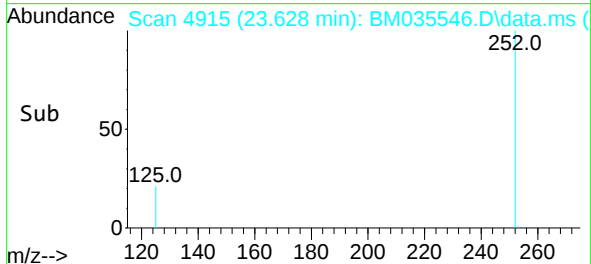
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BNA_M
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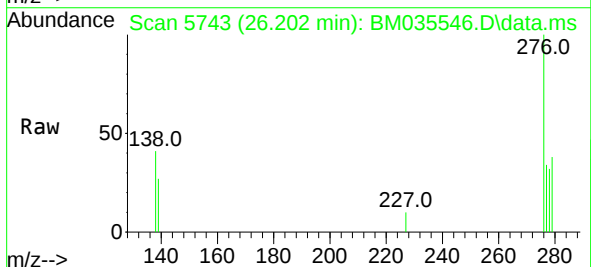
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Ion Ratio Lower Upper
252 100
253 55.3 27.8 41.6
125 59.1 23.3 34.9

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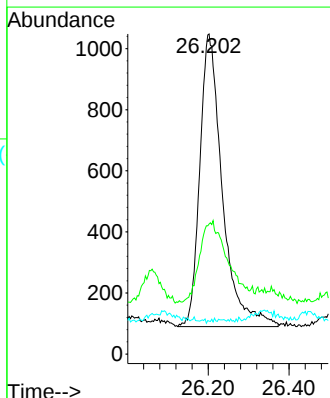
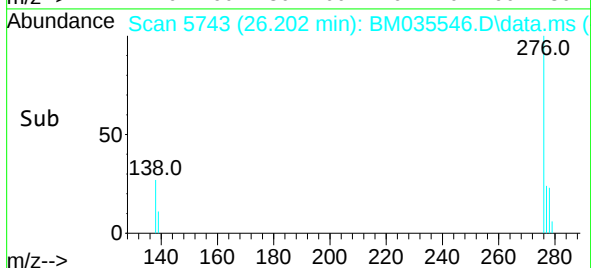
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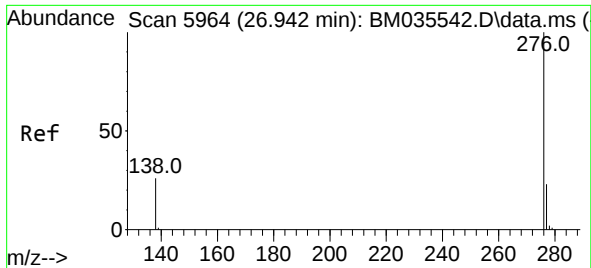


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.050 ng/ul
RT: 26.202 min Scan# 5743
Delta R.T. -0.009 min
Lab File: BM035546.D
Acq: 20 Jun 2022 22:44



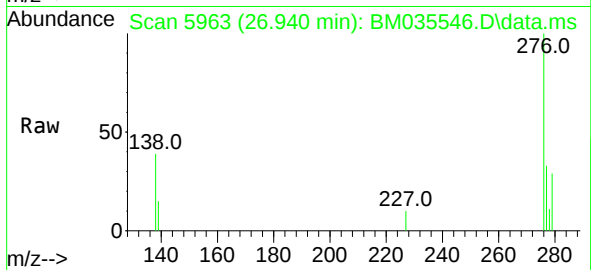
Tgt Ion:276 Resp: 3704
Ion Ratio Lower Upper
276 100
138 35.3 24.8 37.2
227 0.1 0.1 0.1





#29
Benzo(g,h,i)perylene
Concen: 0.067 ng/ul
RT: 26.940 min Scan# 5963
Delta R.T. -0.006 min
Lab File: BM035546.D
Acq: 20 Jun 2022 22:44

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:276 Resp: 445
Ion Ratio Lower Upper
276 100
138 39.2 23.1 34.7
277 33.2 20.3 30.5

Manual Integrations
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