

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035529.D
 Acq On : 20 Jun 2022 11:50
 Operator : CG/JU
 Sample : N3226-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4L2

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay
 06/21/2022

Supervised By :Yogesh
 Patel
 06/25/2022

Quant Time: Jun 21 01:28:23 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	4900	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.611	136	16812	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.456	164	10426	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.204	188	22034m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.406	240	17952	0.400	ng/ul	0.00
23) Perylene-d12	23.741	264	17513	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	42992	6.236	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.239	152	10296	0.412	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	25100	0.416	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.661	128	1990	0.035	ng/ul#	84
7) 2-Methylnaphthalene	12.316	142	1152	0.035	ng/ul	99
8) 1-Methylnaphthalene	12.525	142	919m	0.031	ng/ul	
15) Phenanthrene	17.242	178	6418	0.079	ng/ul	98
19) Fluoranthene	19.267	202	14147	0.154	ng/ul#	93
20) Pyrene	19.625	202	13764m	0.143	ng/ul	
21) Benzo(a)anthracene	21.394	228	5903	0.087	ng/ul#	93
22) Chrysene	21.444	228	6225	0.077	ng/ul	96
24) Benzo(b)fluoranthene	23.033	252	8545	0.111	ng/ul	71
25) Benzo(k)fluoranthene	23.074	252	3328m	0.042	ng/ul	
26) Benzo(a)pyrene	23.621	252	6071	0.076	ng/ul#	55
27) Indeno(1,2,3-cd)pyrene	26.211	276	3993	0.044	ng/ul#	80
29) Benzo(g,h,i)perylene	26.952	276	3979	0.049	ng/ul#	79

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

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Data File : BM035529.D
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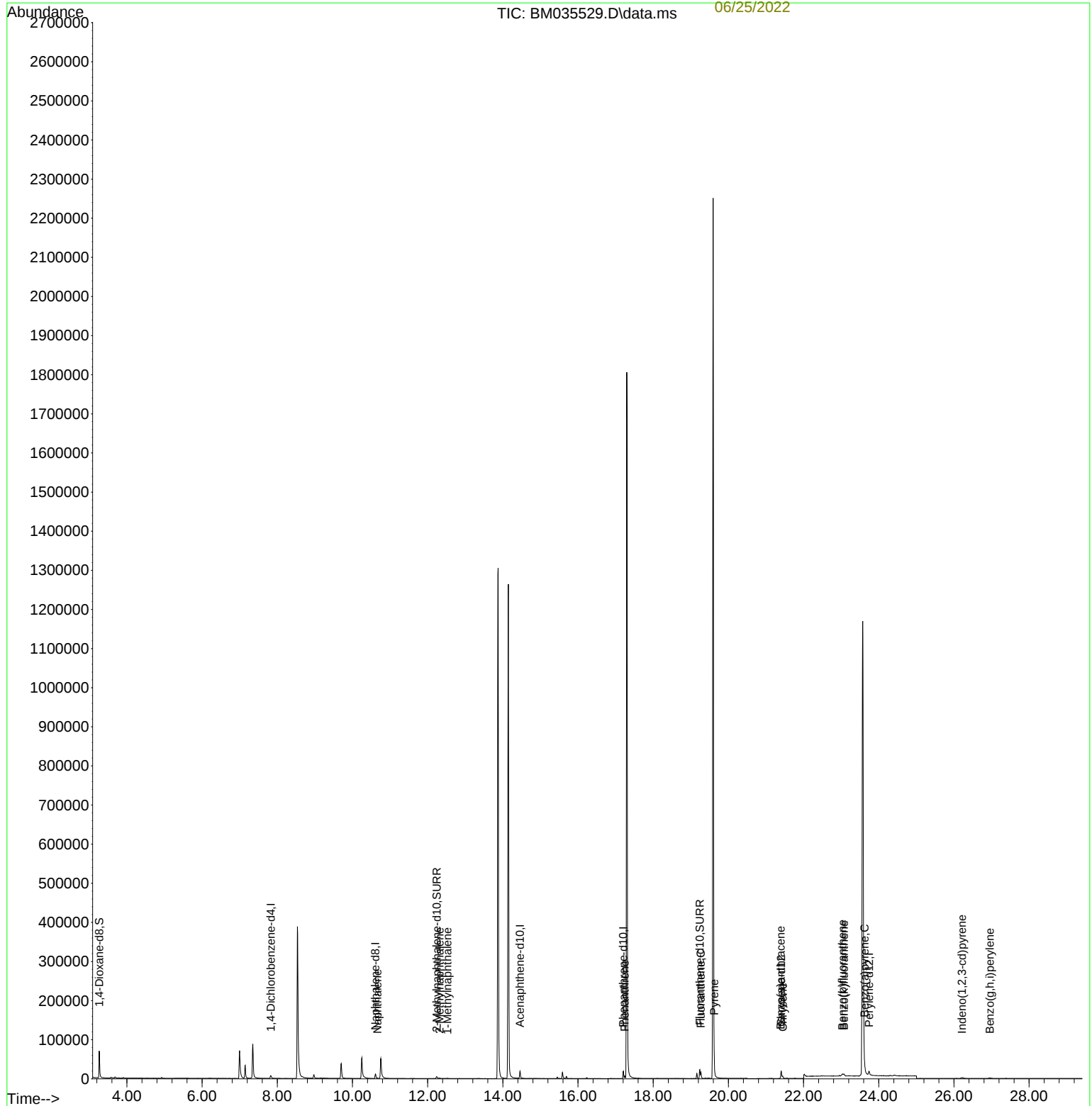
Instrument :
BNA_M
ClientSampleId :
EW4L2

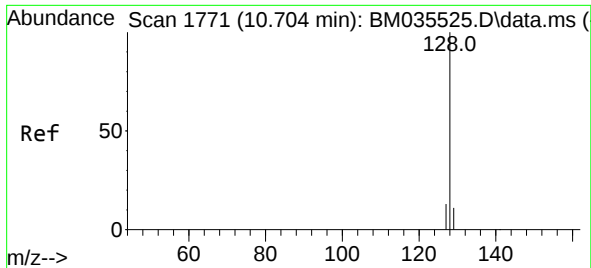
Manual Integrations
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Upadhyay
06/21/2022

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06/25/2022

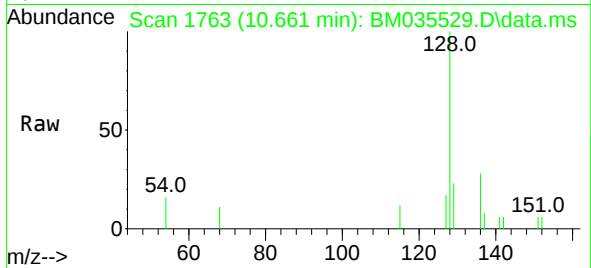
Quant Time: Jun 21 01:28:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.035 ng/ul
RT: 10.661 min Scan# 1763
Delta R.T. -0.033 min
Lab File: BM035529.D
Acq: 20 Jun 2022 11:50

Instrument :
BNA_M
ClientSampleId :
EW4L2

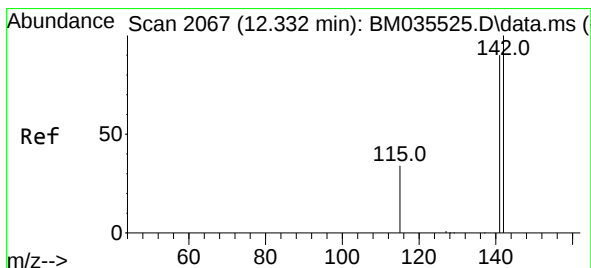
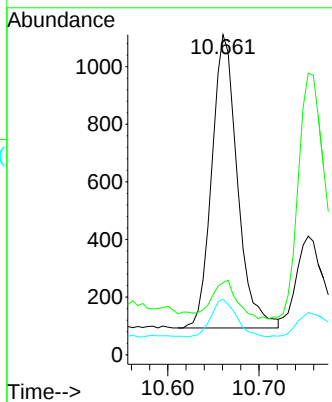


Tgt Ion:128 Resp: 1990
Ion Ratio Lower Upper
128 100
129 22.5 10.1 15.1
127 17.4 11.4 17.2

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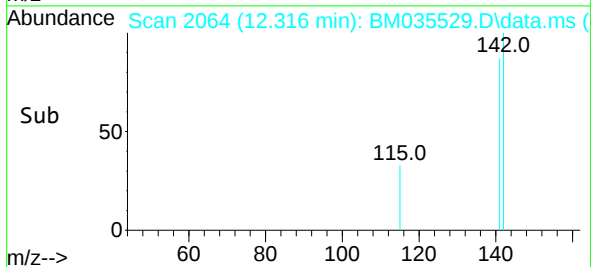
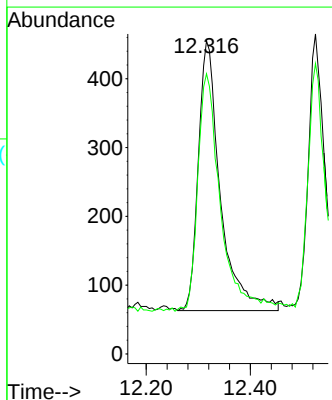
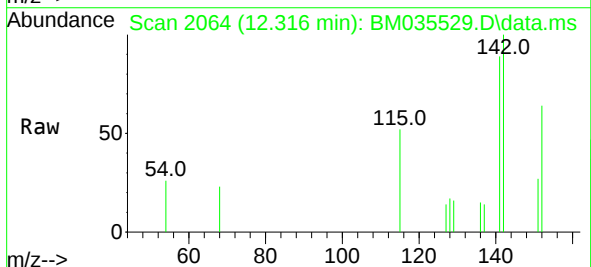
Reviewed By :Jagrut
Upadhyay
06/21/2022

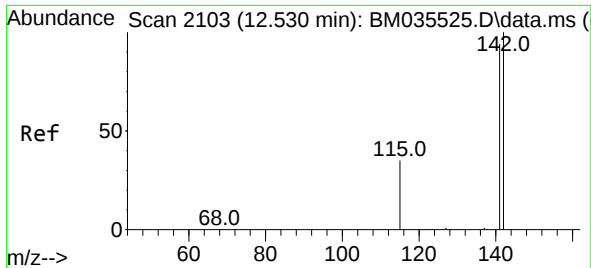
Supervised By :Yogesh
Patel
06/25/2022



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.316 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BM035529.D
Acq: 20 Jun 2022 11:50

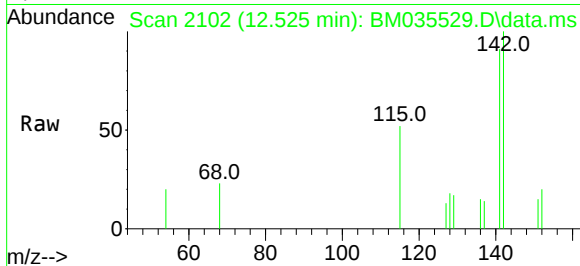
Tgt Ion:142 Resp: 1152
Ion Ratio Lower Upper
142 100
141 91.2 73.8 110.8





#8
1-Methylnaphthalene
Concen: 0.031 ng/ul m
RT: 12.525 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM035529.D
Acq: 20 Jun 2022 11:50

Instrument :
BNA_M
ClientSampleId :
EW4L2

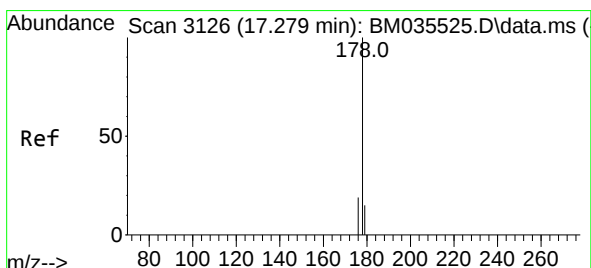
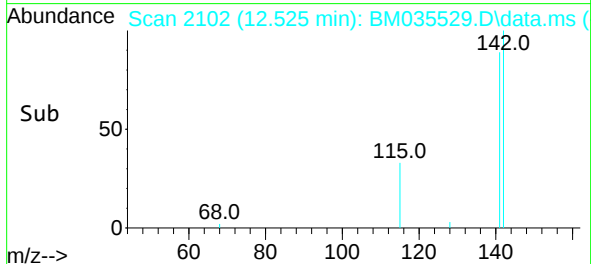
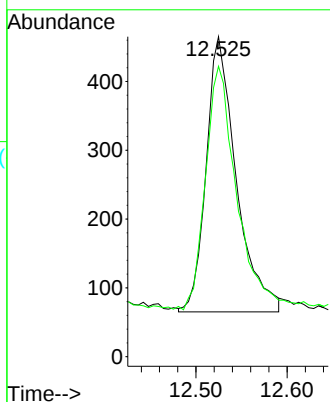


Tgt Ion:142 Resp: 919
Ion Ratio Lower Upper
142 100
141 85.1 74.6 111.8

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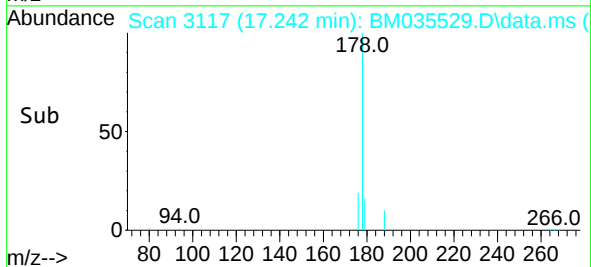
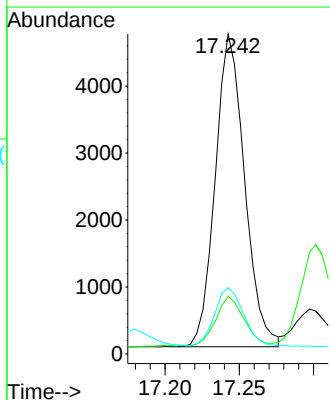
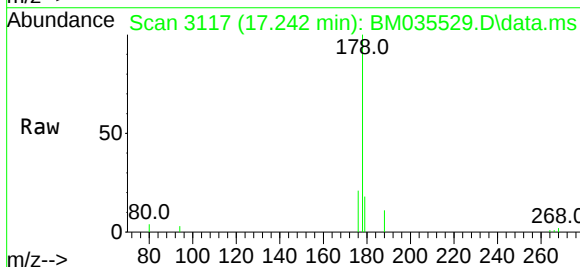
Reviewed By :Jagrut
Upadhyay
06/21/2022

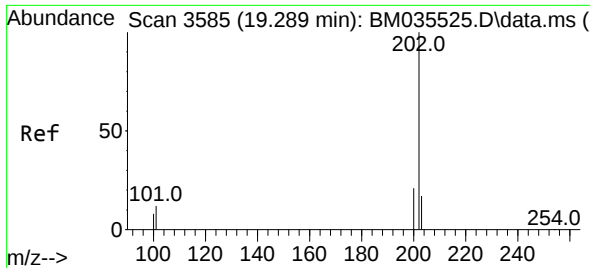
Supervised By :Yogesh
Patel
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#15
Phenanthrene
Concen: 0.079 ng/ul
RT: 17.242 min Scan# 3117
Delta R.T. -0.030 min
Lab File: BM035529.D
Acq: 20 Jun 2022 11:50

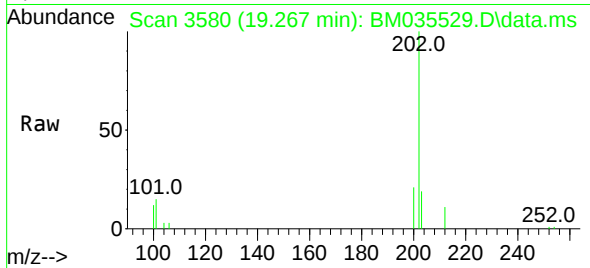
Tgt Ion:178 Resp: 6418
Ion Ratio Lower Upper
178 100
179 18.1 13.2 19.8
176 20.7 16.2 24.4





#19
Fluoranthene
Concen: 0.154 ng/ul
RT: 19.267 min Scan# 3580
Delta R.T. -0.019 min
Lab File: BM035529.D
Acq: 20 Jun 2022 11:50

Instrument :
BNA_M
ClientSampleId :
EW4L2

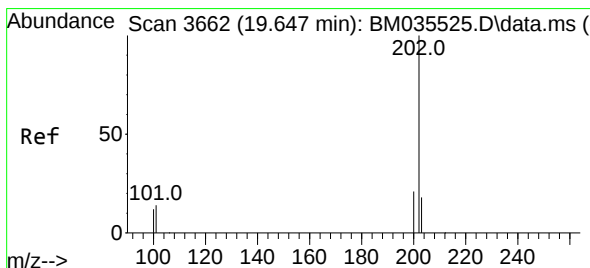
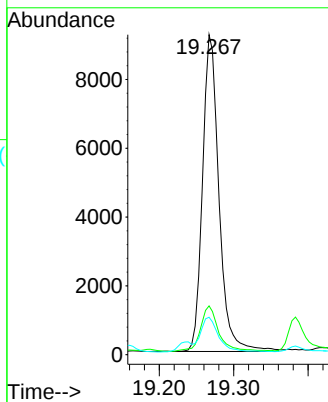
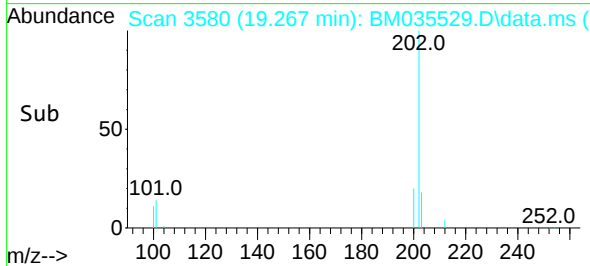


Tgt Ion:202 Resp: 1414
Ion Ratio Lower Upper
202 100
101 15.3 10.0 15.0
100 11.7 7.5 11.3

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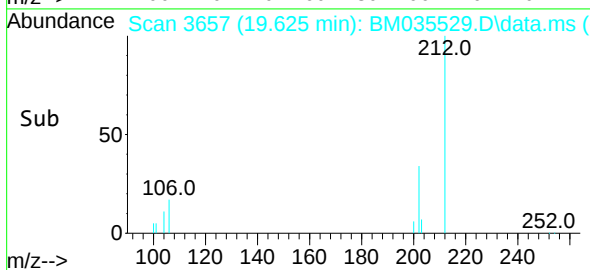
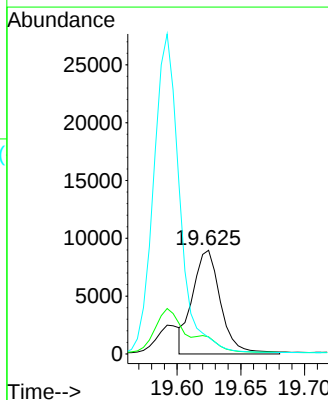
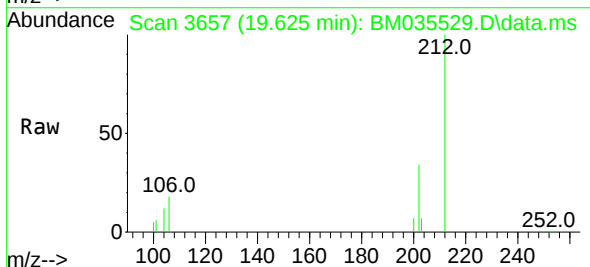
Reviewed By :Jagrut
Upadhyay
06/21/2022

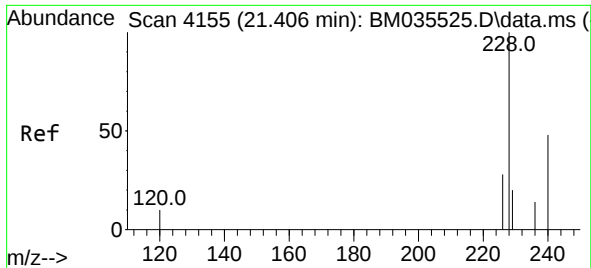
Supervised By :Yogesh
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06/25/2022



#20
Pyrene
Concen: 0.143 ng/ul m
RT: 19.625 min Scan# 3657
Delta R.T. -0.023 min
Lab File: BM035529.D
Acq: 20 Jun 2022 11:50

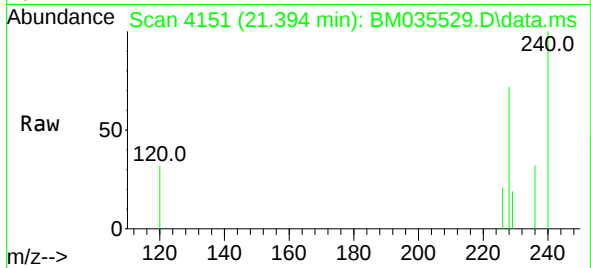
Tgt Ion:202 Resp: 13764
Ion Ratio Lower Upper
202 100
101 16.5 11.6 17.4
100 16.1 9.3 13.9





#21
Benzo(a)anthracene
Concen: 0.087 ng/u1
RT: 21.394 min Scan# 4151
Delta R.T. -0.006 min
Lab File: BM035529.D
Acq: 20 Jun 2022 11:50

Instrument :
BNA_M
ClientSampleId :
EW4L2

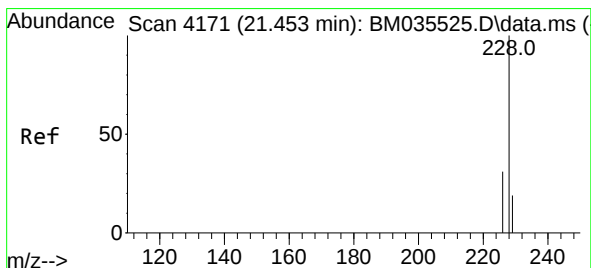
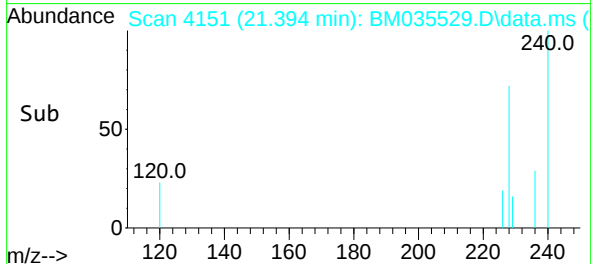
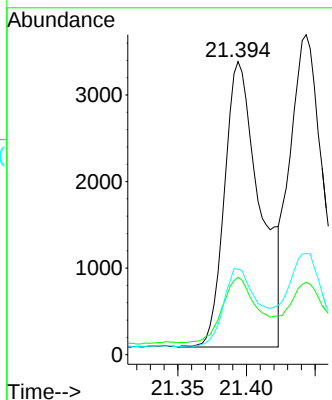


Tgt Ion:228 Resp: 590
Ion Ratio Lower Upper
228 100
229 26.4 16.2 24.2
226 29.1 22.3 33.5

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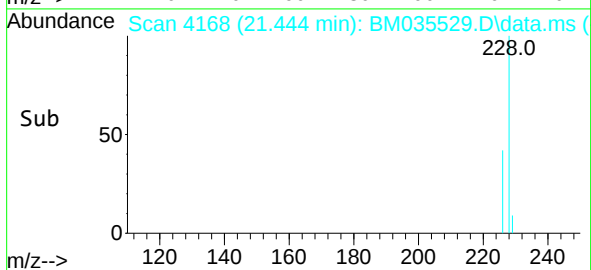
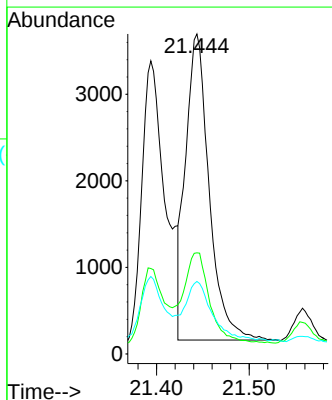
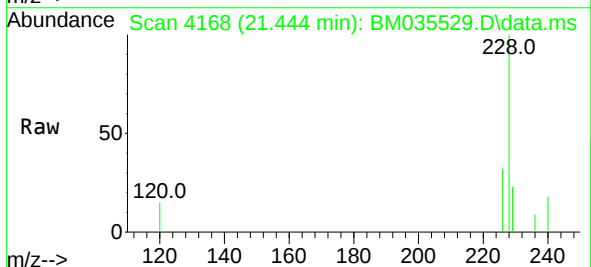
Reviewed By :Jagrut
Upadhyay
06/21/2022

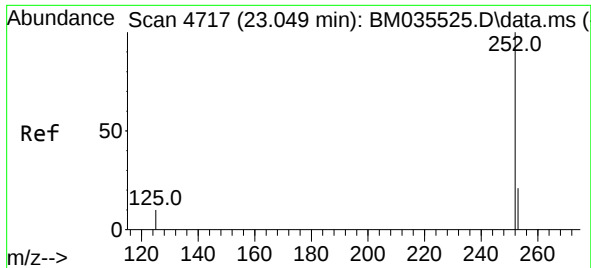
Supervised By :Yogesh
Patel
06/25/2022



#22
Chrysene
Concen: 0.077 ng/u1
RT: 21.444 min Scan# 4168
Delta R.T. -0.006 min
Lab File: BM035529.D
Acq: 20 Jun 2022 11:50

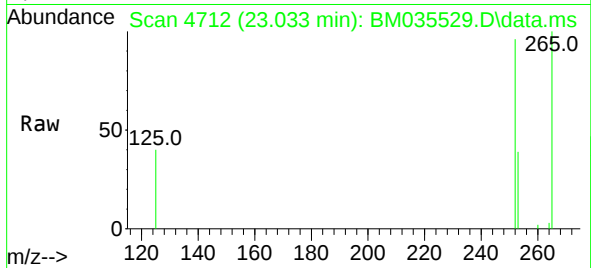
Tgt Ion:228 Resp: 6225
Ion Ratio Lower Upper
228 100
226 31.6 24.5 36.7
229 22.6 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.111 ng/ul
RT: 23.033 min Scan# 4712
Delta R.T. -0.018 min
Lab File: BM035529.D
Acq: 20 Jun 2022 11:50

Instrument :
BNA_M
ClientSampleId :
EW4L2

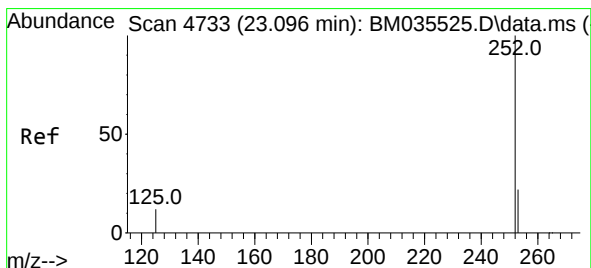
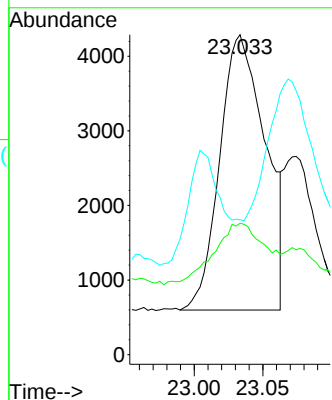


Tgt Ion:252 Resp: 854
Ion Ratio Lower Upper
252 100
253 41.0 0.0 60.6
125 42.2 0.0 44.8

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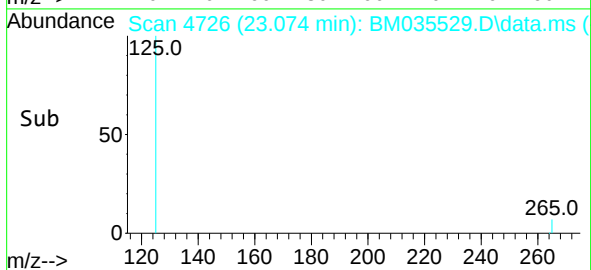
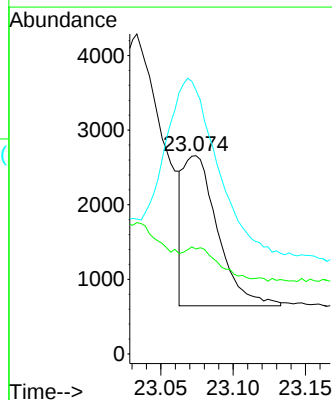
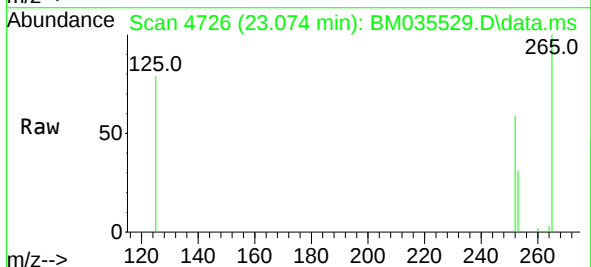
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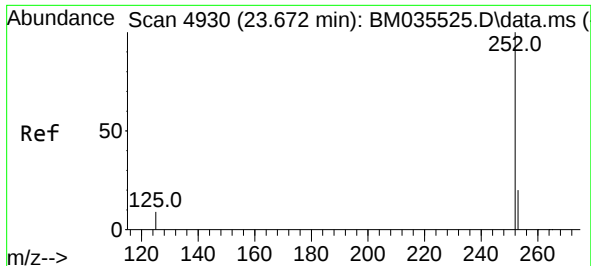
Supervised By :Yogesh
Patel
06/25/2022



#25
Benzo(k)fluoranthene
Concen: 0.042 ng/ul m
RT: 23.074 min Scan# 4726
Delta R.T. -0.023 min
Lab File: BM035529.D
Acq: 20 Jun 2022 11:50

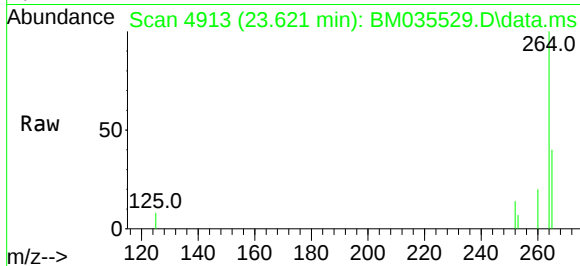
Tgt Ion:252 Resp: 3328
Ion Ratio Lower Upper
252 100
253 53.0 24.7 37.1#
125 133.0 18.2 27.4#





#26
Benzo(a)pyrene
Concen: 0.076 ng/uI
RT: 23.621 min Scan# 4913
Delta R.T. -0.047 min
Lab File: BM035529.D
Acq: 20 Jun 2022 11:50

Instrument :
BNA_M
ClientSampleId :
EW4L2

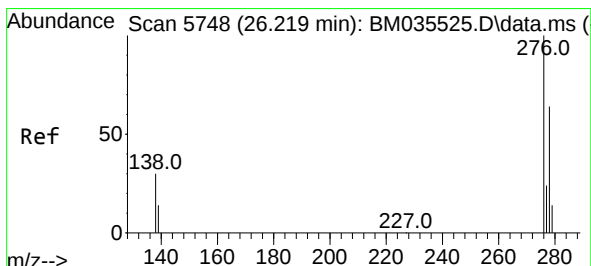
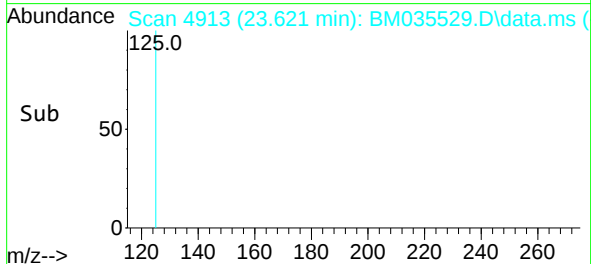
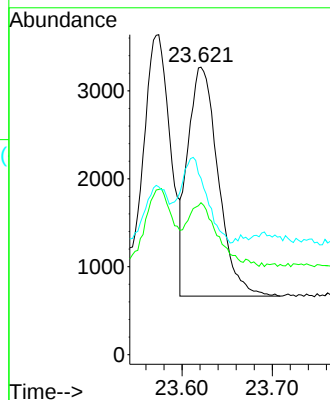


Tgt Ion:252 Resp: 607
Ion Ratio Lower Upper
252 100
253 52.9 27.8 41.6
125 61.4 23.3 34.9

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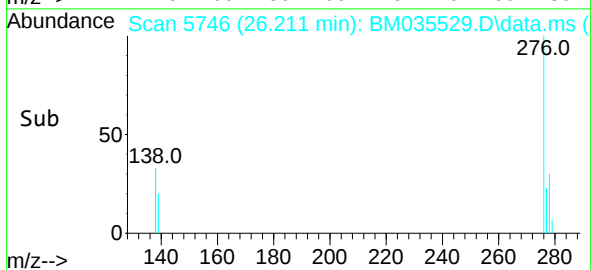
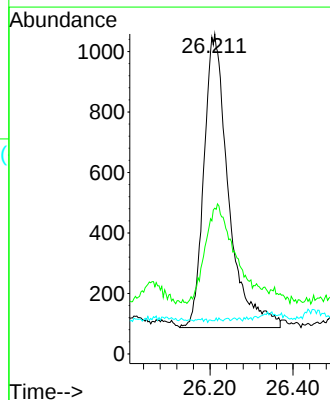
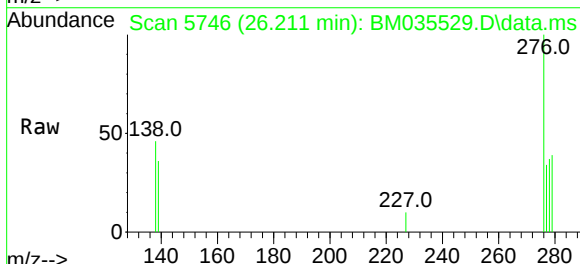
Reviewed By :Jagrut
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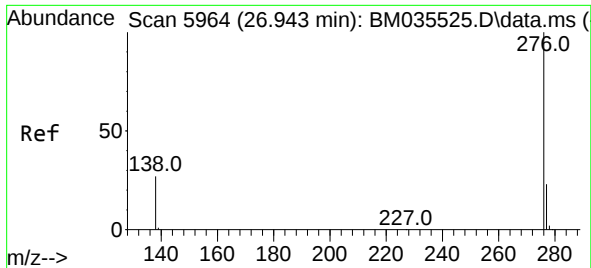
Supervised By :Yogesh
Patel
06/25/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.044 ng/uI
RT: 26.211 min Scan# 5746
Delta R.T. 0.000 min
Lab File: BM035529.D
Acq: 20 Jun 2022 11:50

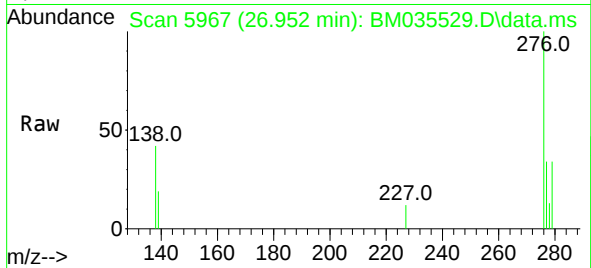
Tgt Ion:276 Resp: 3993
Ion Ratio Lower Upper
276 100
138 41.9 24.8 37.2#
227 0.1 0.1 0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.049 ng/ul
RT: 26.952 min Scan# 5967
Delta R.T. 0.007 min
Lab File: BM035529.D
Acq: 20 Jun 2022 11:50

Instrument :
BNA_M
ClientSampleId :
EW4L2



Tgt Ion: 276 Resp: 3979
Ion Ratio Lower Upper
276 100
138 41.5 23.1 34.7
277 34.0 20.3 30.5

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Patel
06/25/2022

