

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081722\
 Data File : BM036317.D
 Acq On : 17 Aug 2022 15:32
 Operator : CG/JU
 Sample : N4173-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX7N8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/18/2022
 Supervised By :Sohil Jodhani 08/19/2022

Quant Time: Aug 17 16:08:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 16 15:00:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	220294	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	966797	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	562681	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1053435	20.000	ng/u1	0.00
79) Chrysene-d12	21.368	240	906226	20.000	ng/u1	0.00
88) Perylene-d12	23.703	264	932421	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	17044	2.949	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.981	99	346195	18.411	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	222723	18.817	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	281209	19.034	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	268659	19.135	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	144108	19.660	ng/u1	0.00
24) 2-Nitrophenol-d4	9.692	143	151342	20.355	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	249514	18.781	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	5326	0.259	ng/u1	0.02
46) Dimethylphthalate-d6	13.863	166	790185	22.198	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	929424	20.933	ng/u1	0.00
54) 4-Nitrophenol-d4	14.680	143	115165	17.074	ng/u1	0.00
60) Fluorene-d10	15.433	176	714191	22.203	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.568	200	91843	16.958	ng/u1	0.00
73) Anthracene-d10	17.286	188	1128008	24.082	ng/u1	0.00
81) Pyrene-d10	19.580	212	1327217	28.233	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.550	264	1239334	27.109	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.227	178	70952	1.281	ng/u1	97
80) Fluoranthene	19.245	202	240942	4.241	ng/u1	98
82) Pyrene	19.609	202	181705	3.065	ng/u1	97
85) Benzo(a)anthracene	21.356	228	155764	2.860	ng/u1	98
87) Chrysene	21.403	228	271929	5.082	ng/u1	98
90) Benzo(b)fluoranthene	22.991	252	417514	7.344	ng/u1	97
91) Benzo(k)fluoranthene	23.039	252	83518m	1.544	ng/u1	
93) Benzo(a)pyrene	23.597	252	134608	2.407	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.109	276	132145	2.010	ng/u1#	92
96) Benzo(g,h,i)perylene	26.862	276	125695	2.235	ng/u1#	93

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

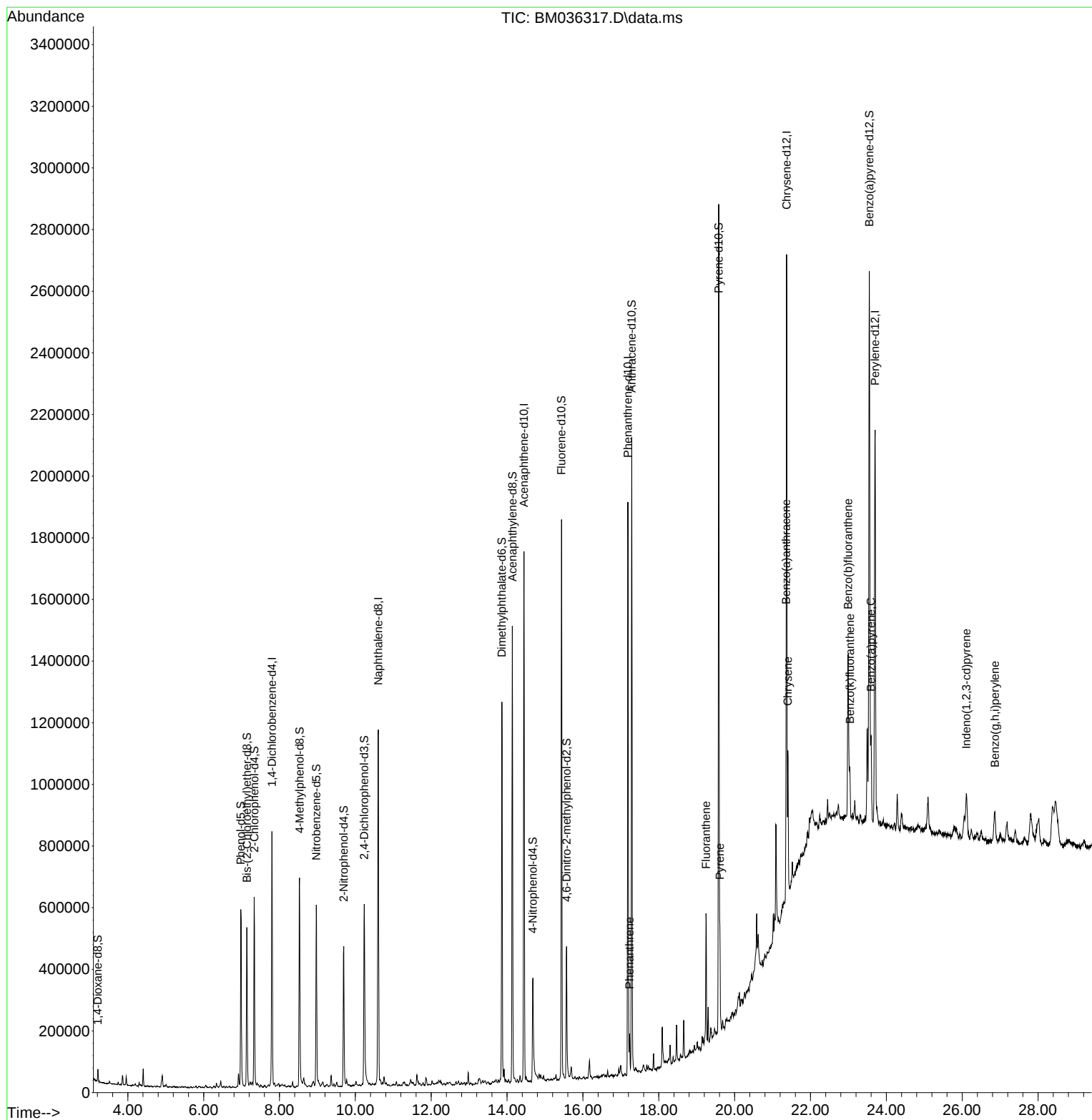
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081722\
Data File : BM036317.D
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ALS Vial : 10 Sample Multiplier: 1

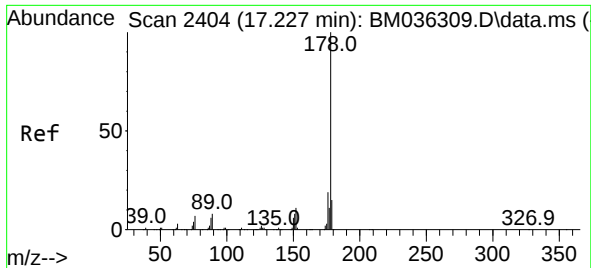
Instrument :
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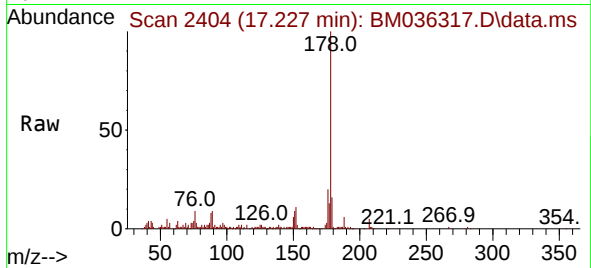
Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/19/2022





#72
Phenanthrene
Concen: 1.281 ng/ul
RT: 17.227 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM036317.D
Acq: 17 Aug 2022 15:32

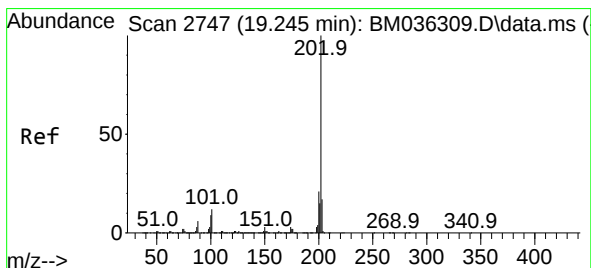
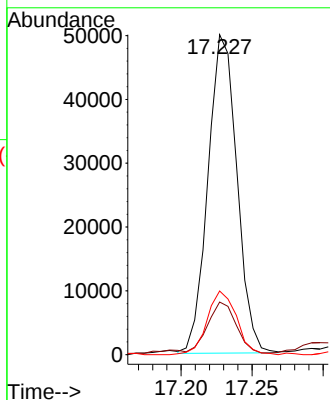
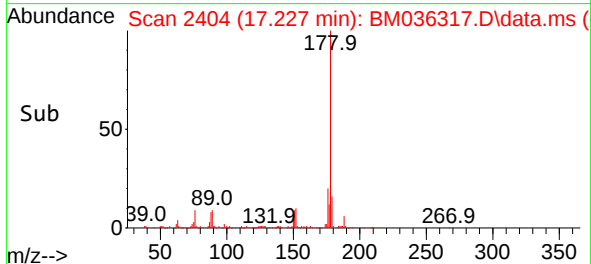
Instrument :
BNA_M
ClientSampleId :
EX7N8



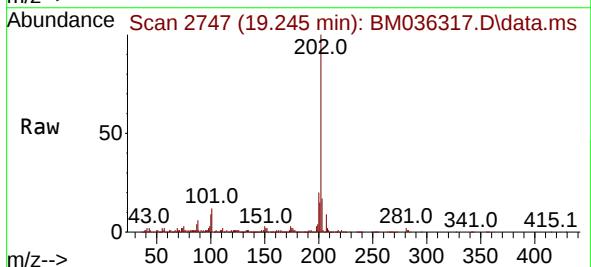
Tgt Ion:178 Resp: 70952
Ion Ratio Lower Upper
178 100
179 16.5 12.2 18.2
176 19.9 14.9 22.3

Manual Integrations
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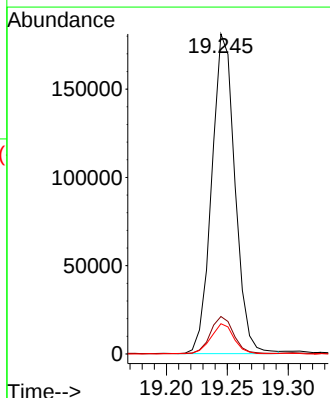
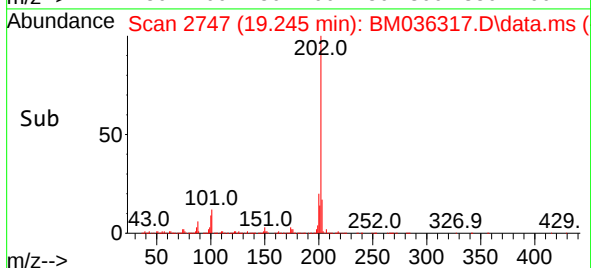
Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/19/2022

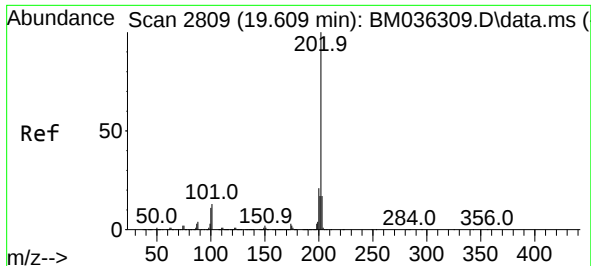


#80
Fluoranthene
Concen: 4.241 ng/ul
RT: 19.245 min Scan# 2747
Delta R.T. -0.006 min
Lab File: BM036317.D
Acq: 17 Aug 2022 15:32



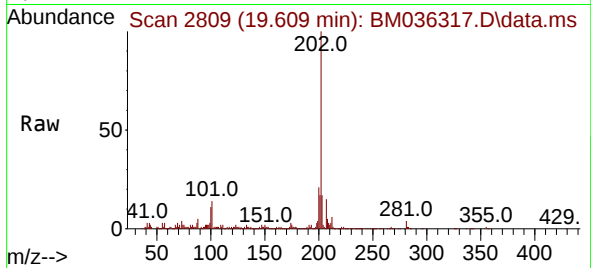
Tgt Ion:202 Resp: 240942
Ion Ratio Lower Upper
202 100
101 11.7 10.1 15.1
100 9.4 7.8 11.6





#82
Pyrene
Concen: 3.065 ng/ul
RT: 19.609 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036317.D
Acq: 17 Aug 2022 15:32

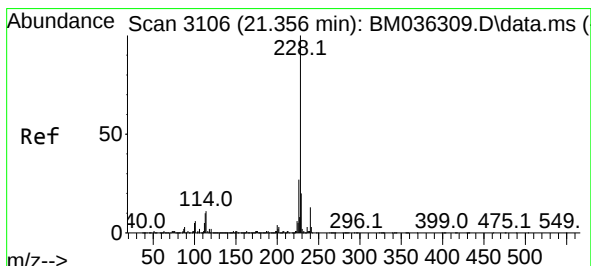
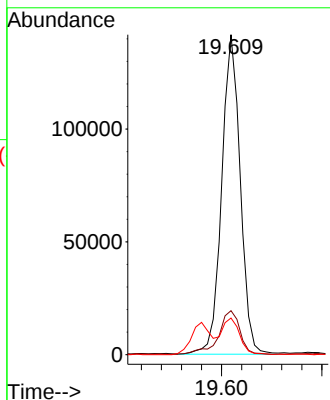
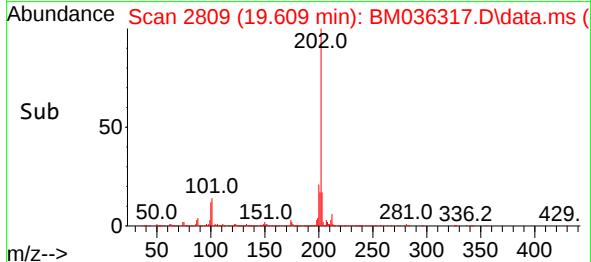
Instrument :
BNA_M
ClientSampleId :
EX7N8



Tgt Ion:202 Resp: 181709
Ion Ratio Lower Upper
202 100
101 13.7 11.9 17.9
100 11.5 10.2 15.4

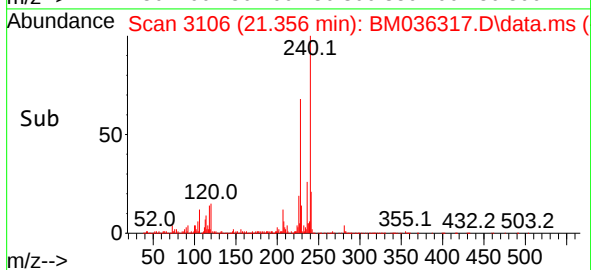
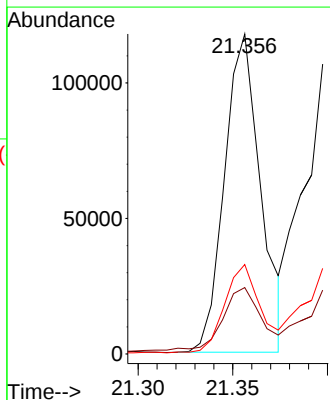
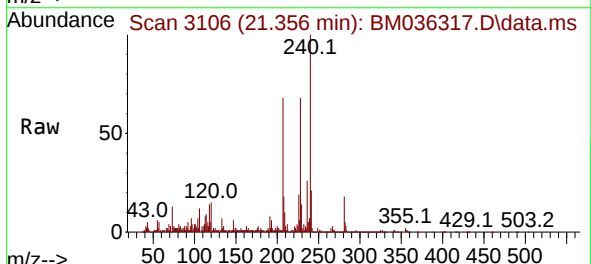
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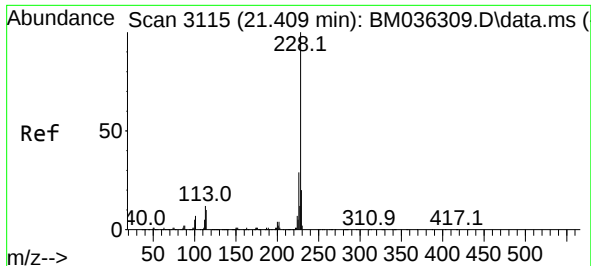
Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/19/2022



#85
Benzo(a)anthracene
Concen: 2.860 ng/ul
RT: 21.356 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BM036317.D
Acq: 17 Aug 2022 15:32

Tgt Ion:228 Resp: 155764
Ion Ratio Lower Upper
228 100
229 20.7 15.6 23.4
226 28.0 21.7 32.5





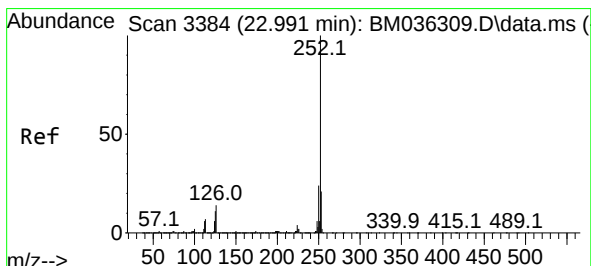
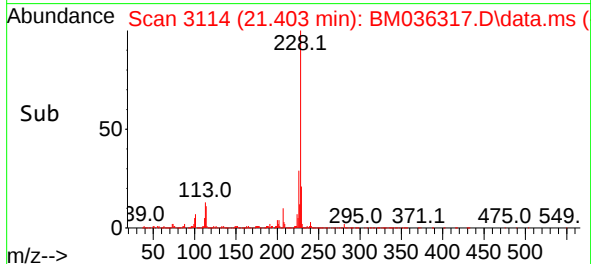
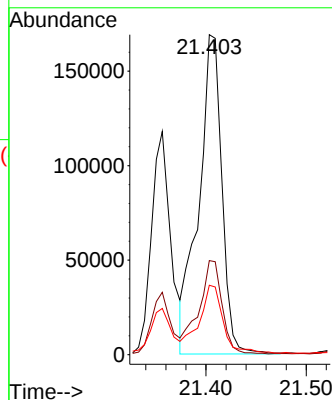
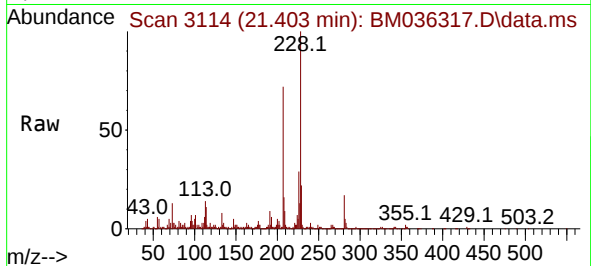
#87
Chrysene
Concen: 5.082 ng/u1
RT: 21.403 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM036317.D
Acq: 17 Aug 2022 15:32

Instrument :
BNA_M
ClientSampleId :
EX7N8

Tgt Ion:228 Resp: 271929
Ion Ratio Lower Upper
228 100
226 29.4 23.7 35.5
229 21.7 15.5 23.3

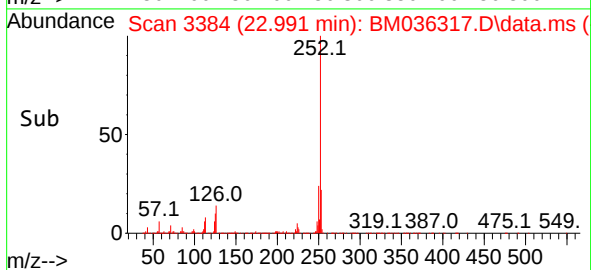
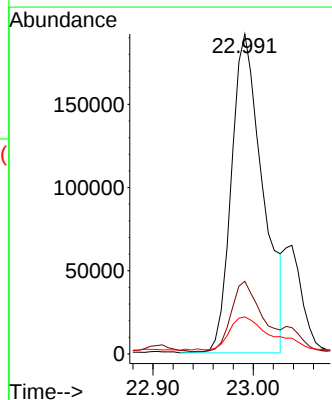
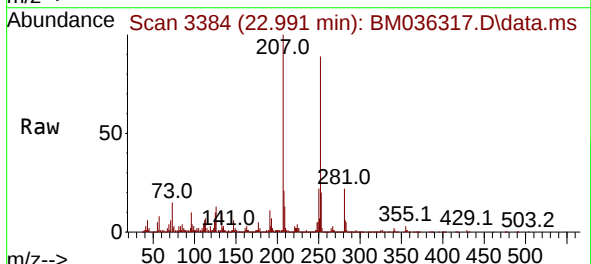
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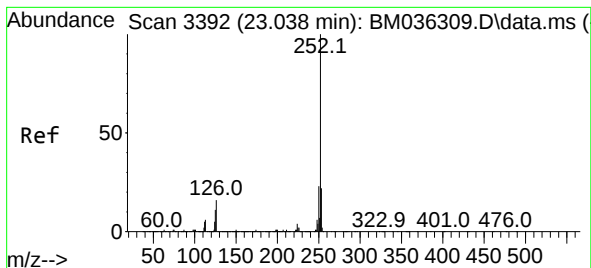
Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/19/2022



#90
Benzo(b)fluoranthene
Concen: 7.344 ng/u1
RT: 22.991 min Scan# 3384
Delta R.T. -0.006 min
Lab File: BM036317.D
Acq: 17 Aug 2022 15:32

Tgt Ion:252 Resp: 417514
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 11.6 10.7 16.1





#91

Benzo(k)fluoranthene

Concen: 1.544 ng/ul m

RT: 23.039 min Scan# 3392

Delta R.T. 0.000 min

Lab File: BM036317.D

Acq: 17 Aug 2022 15:32

Instrument :

BNA_M

ClientSampleId :

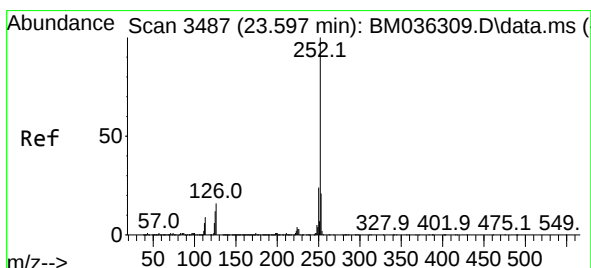
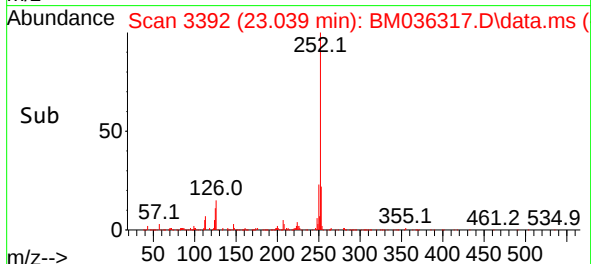
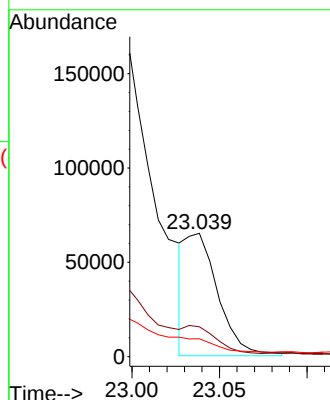
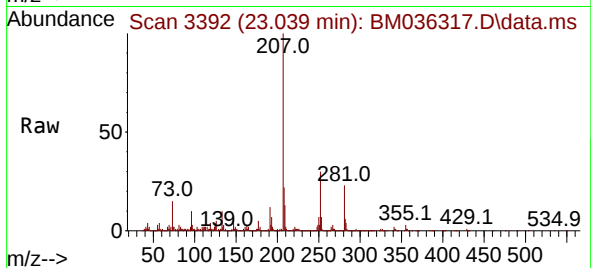
EX7N8

Tgt Ion:	252	Resp:	83518
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.4	26.0
125	14.6	10.6	15.8

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 2.407 ng/ul

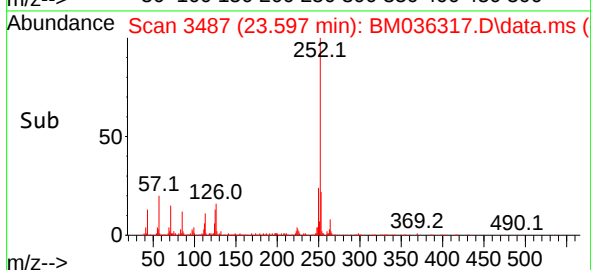
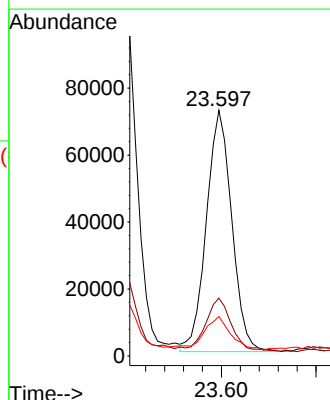
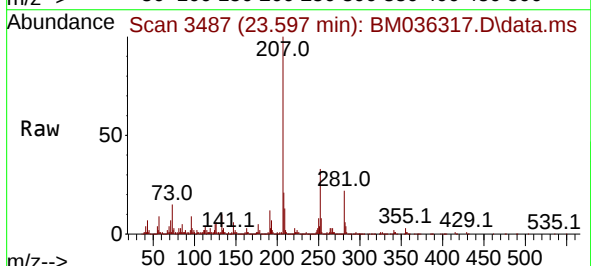
RT: 23.597 min Scan# 3487

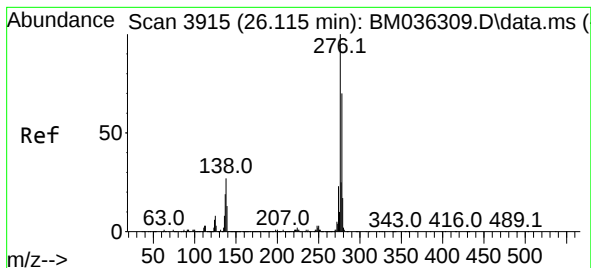
Delta R.T. -0.006 min

Lab File: BM036317.D

Acq: 17 Aug 2022 15:32

Tgt Ion:	252	Resp:	134608
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.3	25.9
125	16.0	11.8	17.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.010 ng/ul

RT: 26.109 min Scan# 3914

Delta R.T. -0.006 min

Lab File: BM036317.D

Acq: 17 Aug 2022 15:32

Instrument :

BNA_M

ClientSampleId :

EX7N8

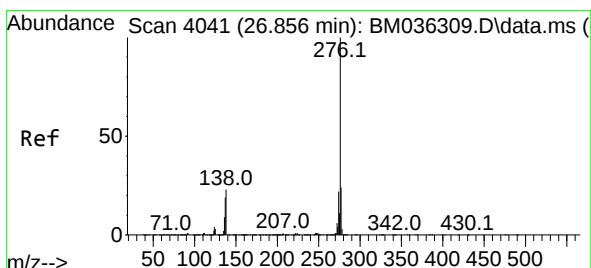
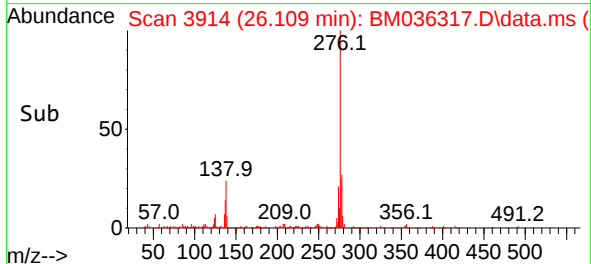
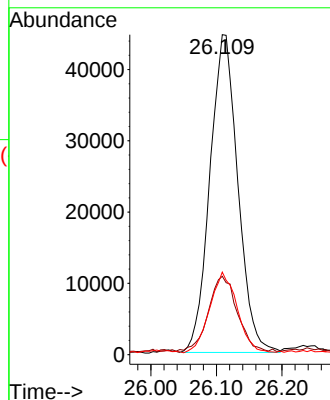
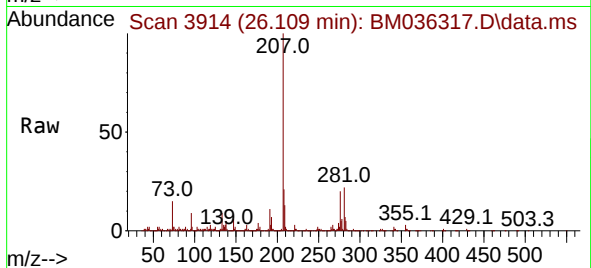
Tgt Ion:	276	Resp:	13214
Ion Ratio	Lower	Upper	
276	100		
138	24.5	25.6	38.4
277	25.8	20.1	30.1

Manual Integrations

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Supervised By :Sohil Jodhani 08/19/2022



#96

Benzo(g,h,i)perylene

Concen: 2.235 ng/ul

RT: 26.862 min Scan# 4042

Delta R.T. 0.000 min

Lab File: BM036317.D

Acq: 17 Aug 2022 15:32

Tgt Ion:	276	Resp:	125695
Ion Ratio	Lower	Upper	
276	100		
138	20.6	21.3	31.9
277	24.4	18.6	28.0

