

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
 Data File : BM038158.D
 Acq On : 21 Dec 2022 06:07
 Operator : CG/JU
 Sample : N6008-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYB5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/21/2022
 Supervised By :mohammad ahmed 12/21/2022

Quant Time: Dec 21 06:52:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 21 00:11:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	179533	20.000	ng/u1	0.00
20) Naphthalene-d8	10.857	136	773288	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.669	164	480918	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.410	188	1030480	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	843429	20.000	ng/u1	0.00
88) Perylene-d12	24.021	264	780578	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	18893	4.778	ng/uL	0.00
4) Pyridine-d5	3.828	84	253230	21.589	ng/u1	0.00
7) Phenol-d5	7.198	99	389083	26.670	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	225953	25.435	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	348788	29.144	ng/u1	0.00
15) 4-Methylphenol-d8	8.751	113	293579	25.780	ng/u1	0.00
21) Nitrobenzene-d5	9.210	128	179050	29.244	ng/u1	0.00
24) 2-Nitrophenol-d4	9.939	143	211944	33.033	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	384250	31.530	ng/u1	0.00
31) 4-Chloroaniline-d4	10.998	131	440536	26.187	ng/u1	0.00
46) Dimethylphthalate-d6	14.080	166	1138487	33.205	ng/u1	0.00
49) Acenaphthylene-d8	14.369	160	1334855	31.855	ng/u1	0.00
54) 4-Nitrophenol-d4	14.869	143	176091	30.136	ng/u1	0.00
60) Fluorene-d10	15.657	176	1007782	32.992	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.774	200	144640	26.253	ng/u1	0.00
73) Anthracene-d10	17.504	188	1568950	32.623	ng/u1	0.00
81) Pyrene-d10	19.792	212	1770520	34.946	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.868	264	1278866	32.801	ng/u1	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.451	178	69583	1.236	ng/u1	97
80) Fluoranthene	19.456	202	192913	3.226	ng/u1	97
82) Pyrene	19.815	202	184586	2.966	ng/u1	98
85) Benzo(a)anthracene	21.556	228	105741	1.862	ng/u1	98
87) Chrysene	21.609	228	100565	1.888	ng/u1	97
90) Benzo(b)fluoranthene	23.274	252	154004	3.182	ng/u1	96
91) Benzo(k)fluoranthene	23.315	252	52065m	1.110	ng/u1	
93) Benzo(a)pyrene	23.915	252	93063	2.187	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	26.574	276	69134	1.261	ng/u1	96
96) Benzo(g,h,i)perylene	27.374	276	66872	1.528	ng/u1	97

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

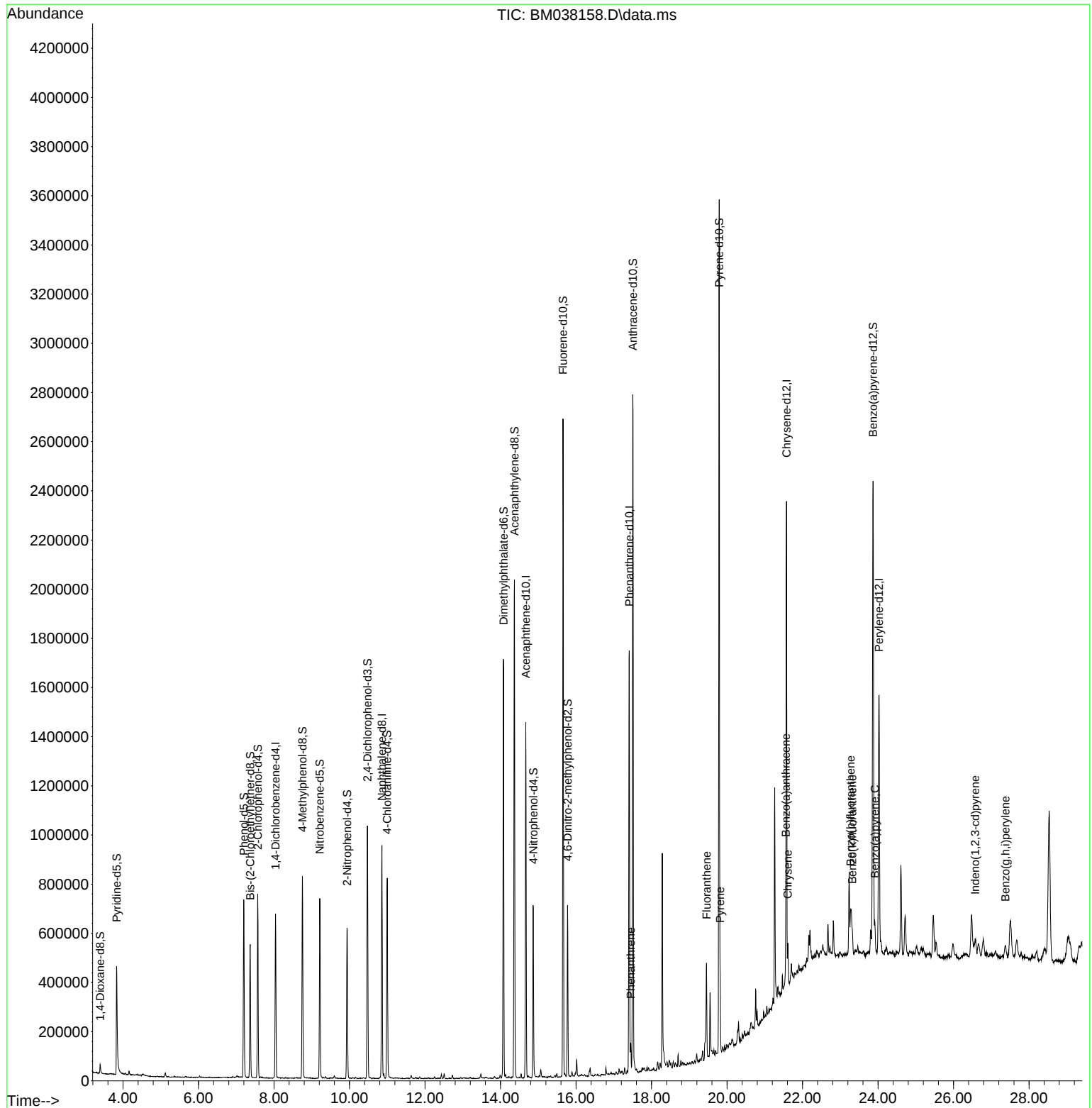
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
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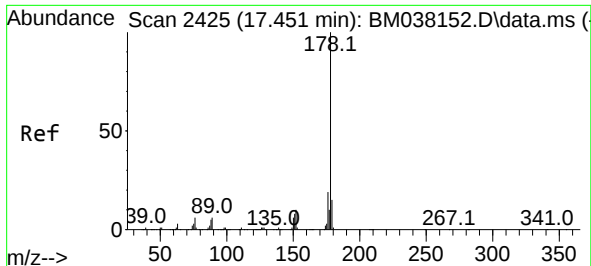
Instrument :
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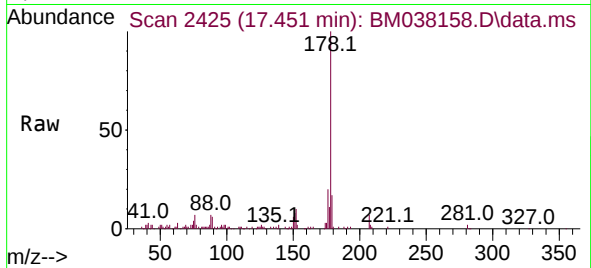
Reviewed By :Jagrut Upadhyay 12/21/2022
 Supervised By :mohammad ahmed 12/21/2022





#72
Phenanthrene
Concen: 1.236 ng/ul
RT: 17.451 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BM038158.D
Acq: 21 Dec 2022 06:07

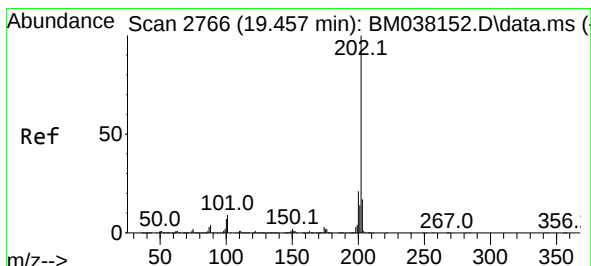
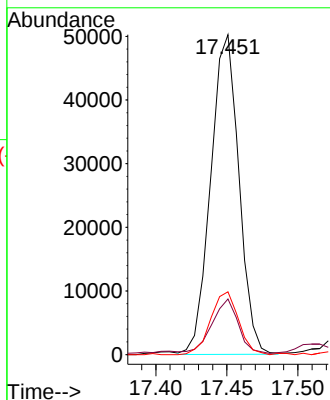
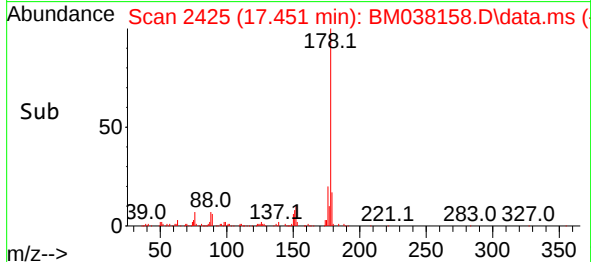
Instrument :
BNA_M
ClientSampleId :
DBYB5



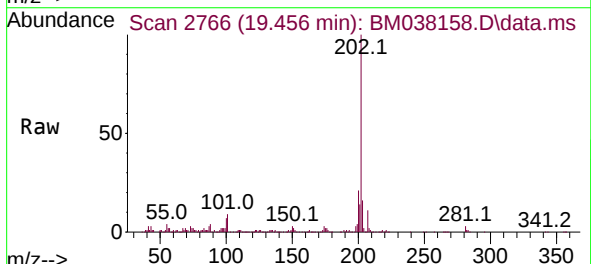
Tgt Ion:178 Resp: 69583
Ion Ratio Lower Upper
178 100
179 17.4 12.2 18.2
176 19.6 15.4 23.0

Manual Integrations
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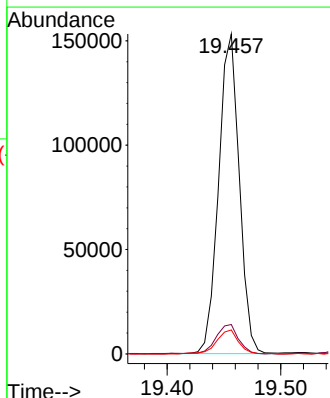
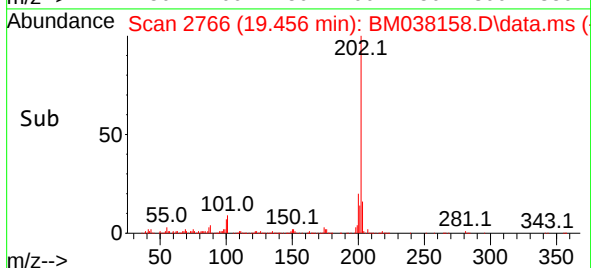
Reviewed By :Jagrut Upadhyay 12/21/2022
Supervised By :mohammad ahmed 12/21/2022

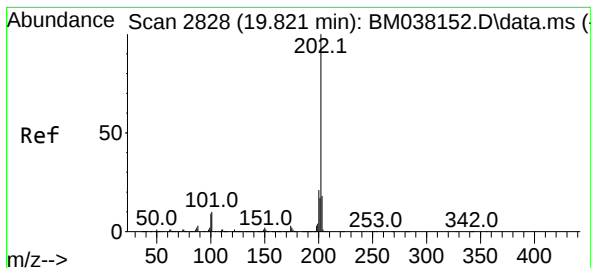


#80
Fluoranthene
Concen: 3.226 ng/ul
RT: 19.456 min Scan# 2766
Delta R.T. 0.000 min
Lab File: BM038158.D
Acq: 21 Dec 2022 06:07



Tgt Ion:202 Resp: 192913
Ion Ratio Lower Upper
202 100
101 9.2 8.6 13.0
100 7.5 6.6 10.0





#82

Pyrene

Concen: 2.966 ng/ul

RT: 19.815 min Scan# 2827

Delta R.T. -0.006 min

Lab File: BM038158.D

Acq: 21 Dec 2022 06:07

Instrument :

BNA_M

ClientSampleId :

DBYB5

Tgt Ion:202 Resp: 184586

Ion Ratio Lower Upper

202 100

101 11.0 10.0 15.0

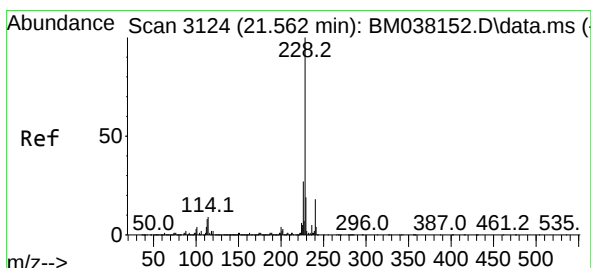
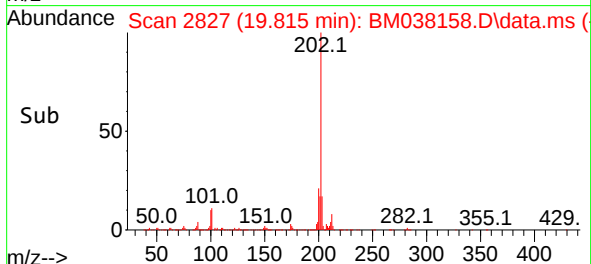
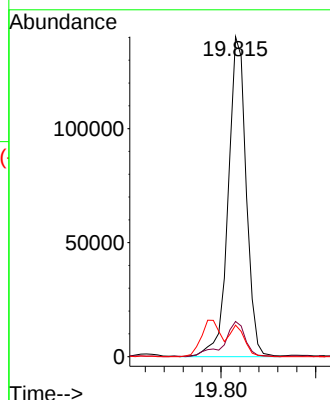
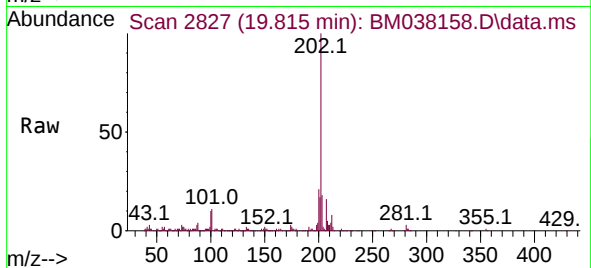
100 9.8 7.9 11.9

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#85

Benzo(a)anthracene

Concen: 1.862 ng/ul

RT: 21.556 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BM038158.D

Acq: 21 Dec 2022 06:07

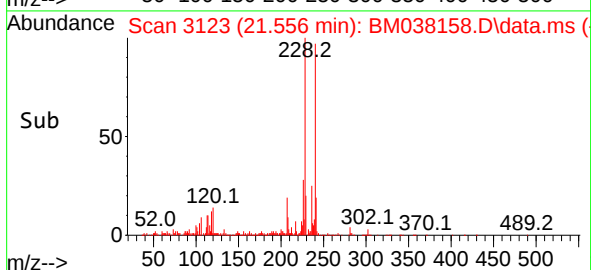
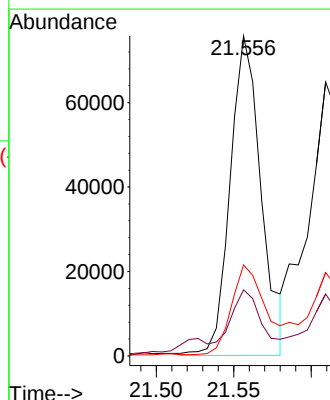
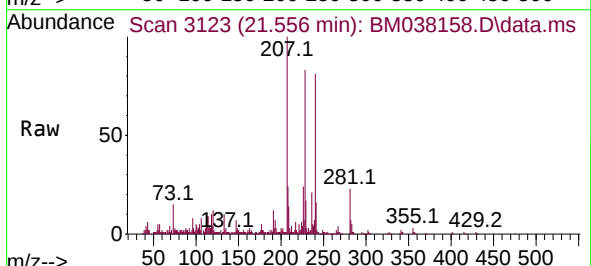
Tgt Ion:228 Resp: 105741

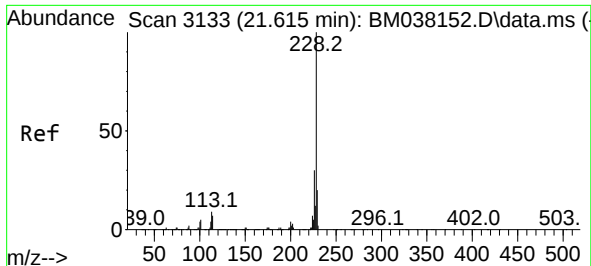
Ion Ratio Lower Upper

228 100

229 20.6 15.5 23.3

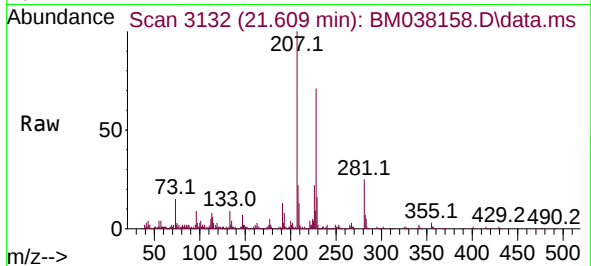
226 28.4 21.8 32.8





#87
Chrysene
Concen: 1.888 ng/ul
RT: 21.609 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BM038158.D
Acq: 21 Dec 2022 06:07

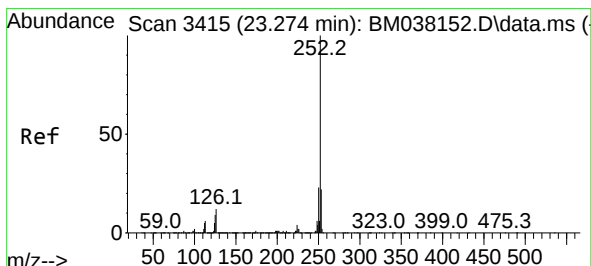
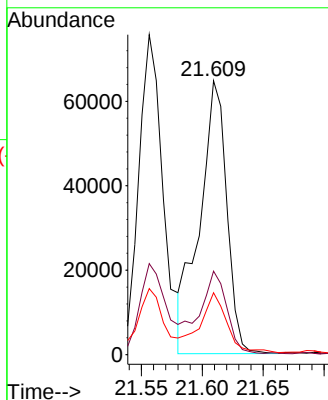
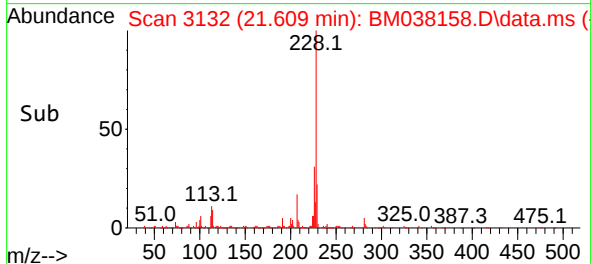
Instrument :
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DBYB5



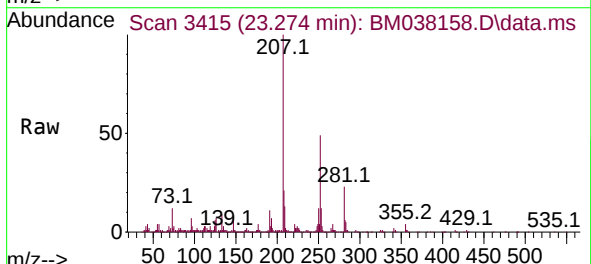
Tgt Ion:228 Resp: 100568
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 22.6 15.6 23.4

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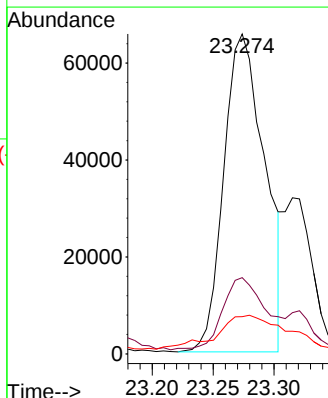
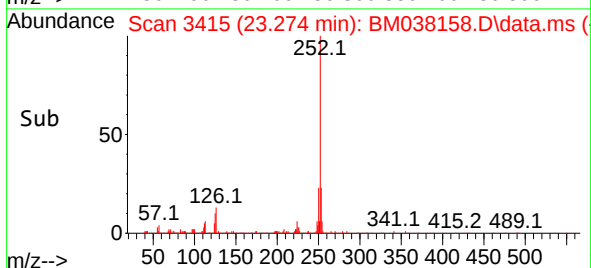
Reviewed By :Jagrut Upadhyay 12/21/2022
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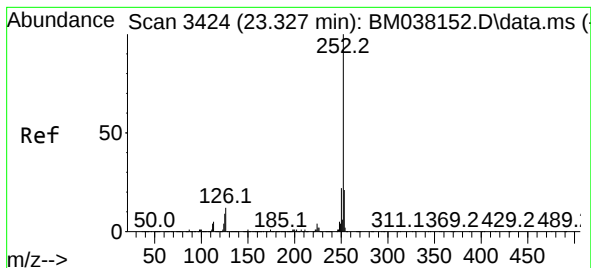


#90
Benzo(b)fluoranthene
Concen: 3.182 ng/ul
RT: 23.274 min Scan# 3415
Delta R.T. 0.000 min
Lab File: BM038158.D
Acq: 21 Dec 2022 06:07



Tgt Ion:252 Resp: 154004
Ion Ratio Lower Upper
252 100
253 23.8 17.6 26.4
125 11.7 8.0 12.0





#91

Benzo(k)fluoranthene

Concen: 1.110 ng/ul m

RT: 23.315 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM038158.D

Acq: 21 Dec 2022 06:07

Instrument :

BNA_M

ClientSampleId :

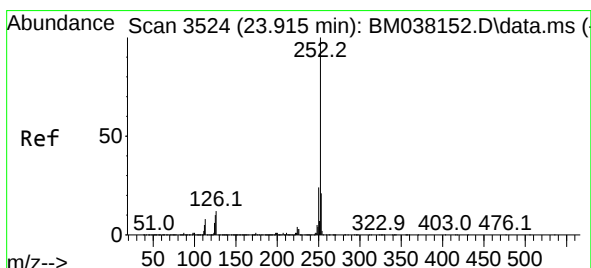
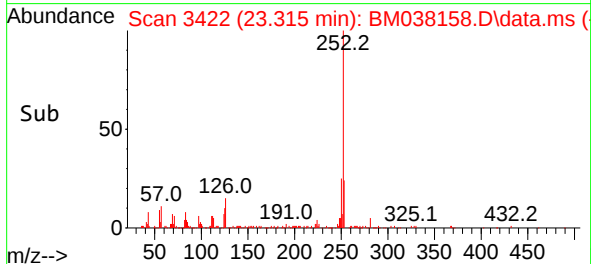
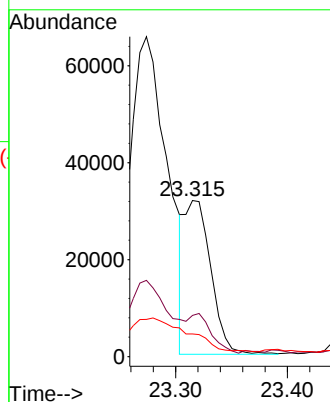
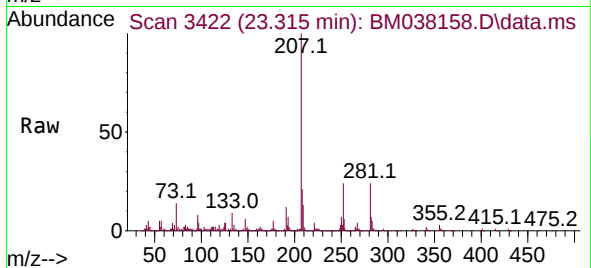
DBYB5

Tgt Ion:	252	Resp:	52065
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.4	26.2
125	14.5	8.1	12.1

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 2.187 ng/ul

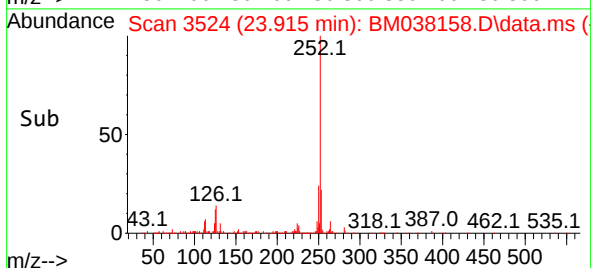
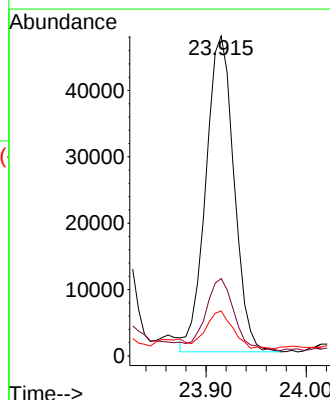
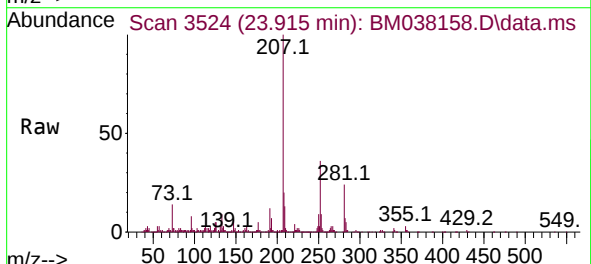
RT: 23.915 min Scan# 3524

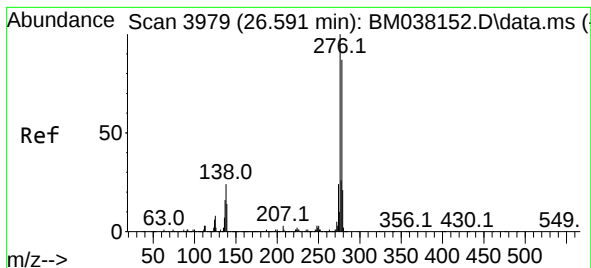
Delta R.T. -0.006 min

Lab File: BM038158.D

Acq: 21 Dec 2022 06:07

Tgt Ion:	252	Resp:	93063
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.4	26.0
125	14.0	9.4	14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.261 ng/ul

RT: 26.574 min Scan# 3979

Delta R.T. -0.018 min

Lab File: BM038158.D

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BNA_M

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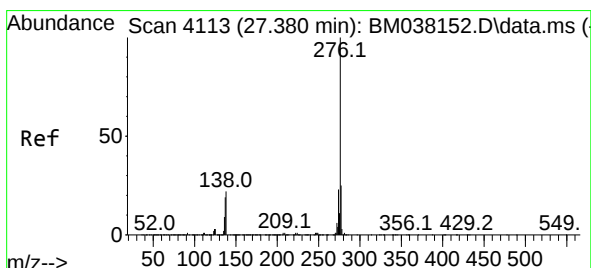
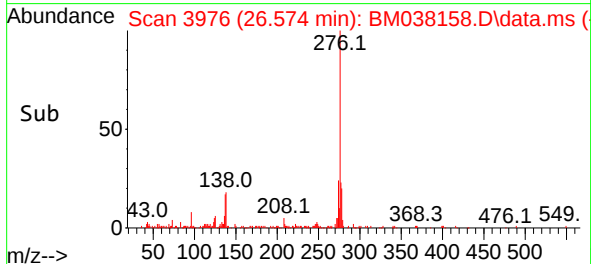
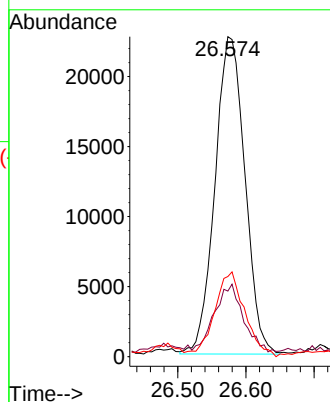
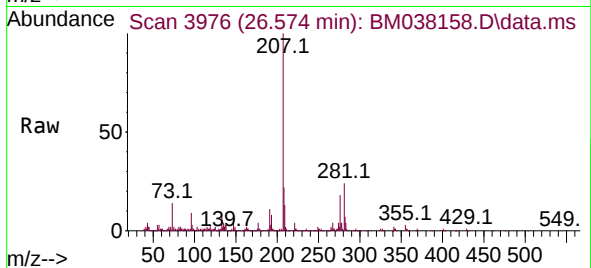
DBYB5

Tgt Ion:	276	Resp:	69134
Ion Ratio	Lower	Upper	
276	100		
138	20.5	19.3	28.9
277	25.0	19.8	29.8

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 1.528 ng/ul

RT: 27.374 min Scan# 4112

Delta R.T. -0.018 min

Lab File: BM038158.D

Acq: 21 Dec 2022 06:07

Tgt Ion:	276	Resp:	66872
Ion Ratio	Lower	Upper	
276	100		
138	23.1	17.1	25.7
277	24.3	18.2	27.4

