

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
 Data File : BM036589.D
 Acq On : 19 Sep 2022 20:35
 Operator : CG/JU
 Sample : N4604-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5777

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
 Supervised By :mohammad ahmed 09/21/2022

Quant Time: Sep 19 22:35:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 16 02:39:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	424286	20.000	ng/u1	0.00
20) Naphthalene-d8	10.839	136	1917203	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	1259040	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	2544259	20.000	ng/u1	0.00
79) Chrysene-d12	21.550	240	2381764	20.000	ng/u1	0.00
88) Perylene-d12	23.991	264	2076939	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	43318	3.827	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.175	99	848352	22.374	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	515933	22.406	ng/u1	0.00
11) 2-Chlorophenol-d4	7.551	132	656504	24.050	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	671765	23.978	ng/u1	0.00
21) Nitrobenzene-d5	9.192	128	321907	24.807	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	299888	25.800	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	625031	23.203	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	399689	8.924	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	1995569	23.501	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	2378784	23.617	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	313909	19.059	ng/u1	0.00
60) Fluorene-d10	15.639	176	1817130	23.879	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	203146	20.181	ng/u1	0.00
73) Anthracene-d10	17.486	188	2645766	22.744	ng/u1	0.00
81) Pyrene-d10	19.762	212	3214252	27.432	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.833	264	2559388	25.223	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.427	178	265390	1.894	ng/u1	98
80) Fluoranthene	19.433	202	794229	5.531	ng/u1	99
82) Pyrene	19.792	202	720043	4.737	ng/u1	99
85) Benzo(a)anthracene	21.533	228	551558	3.696	ng/u1	96
87) Chrysene	21.586	228	467926	3.303	ng/u1	97
90) Benzo(b)fluoranthene	23.244	252	629135	4.777	ng/u1	97
91) Benzo(k)fluoranthene	23.291	252	218126m	1.657	ng/u1	
93) Benzo(a)pyrene	23.880	252	381523	3.295	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.532	276	219434	1.623	ng/u1	100
96) Benzo(g,h,i)perylene	27.309	276	159198	1.358	ng/u1	98

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

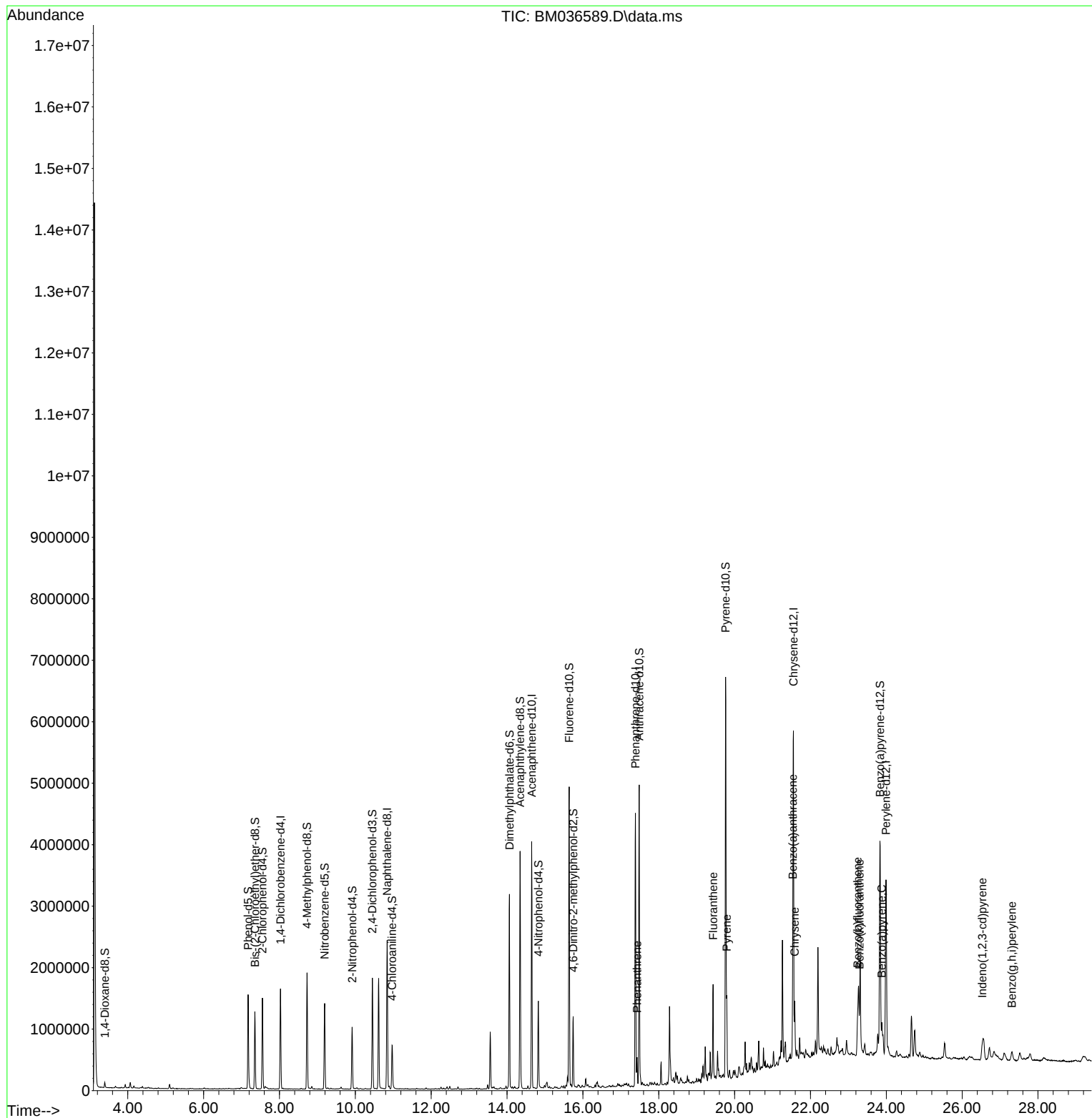
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036589.D
Acq On : 19 Sep 2022 20:35
Operator : CG/JU
Sample : N4604-17
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ALS Vial : 17 Sample Multiplier: 1

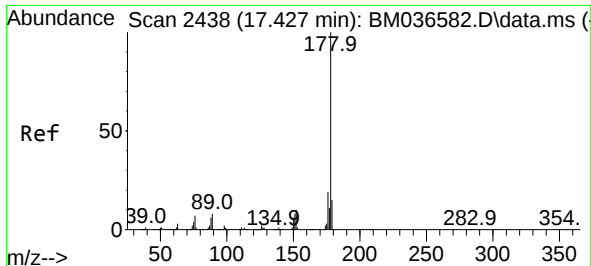
Instrument :
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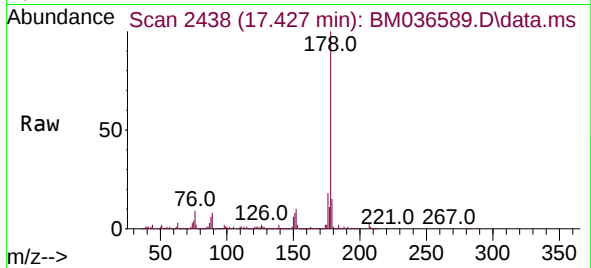
Quant Time: Sep 19 22:35:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.894 ng/ul
RT: 17.427 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BM036589.D
Acq: 19 Sep 2022 20:35

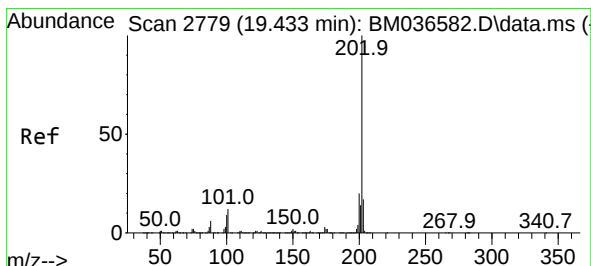
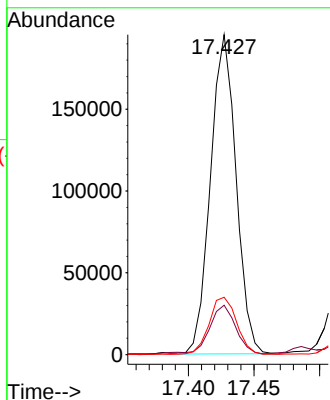
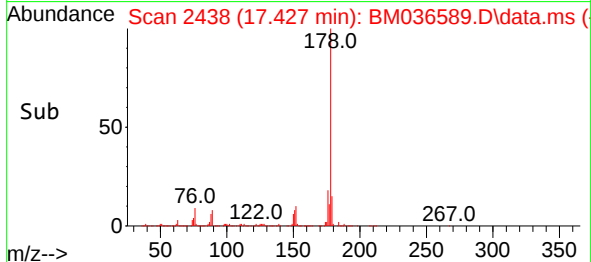
Instrument :
BNA_M
ClientSampleId :
A5777



Tgt Ion:178 Resp: 265390
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 17.9 15.7 23.5

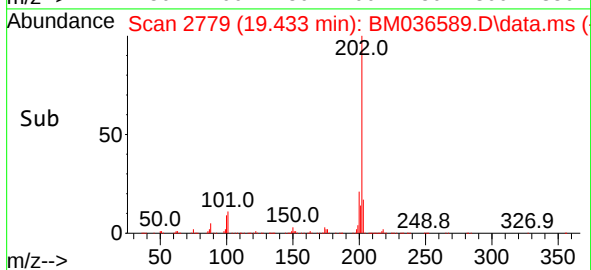
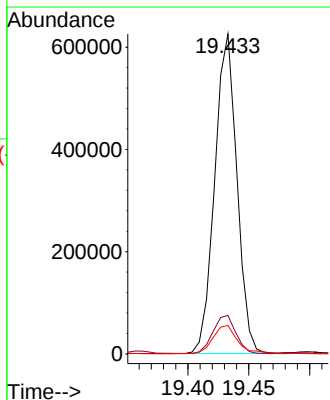
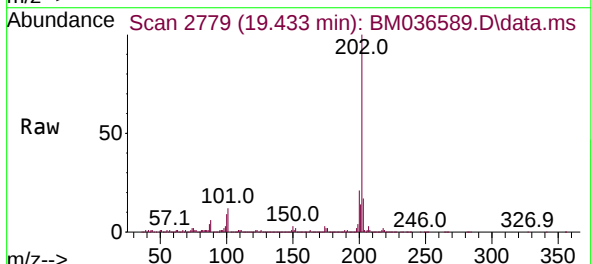
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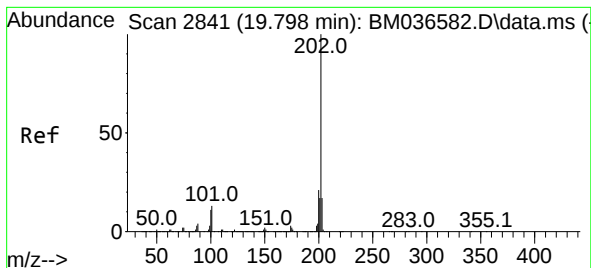
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022



#80
Fluoranthene
Concen: 5.531 ng/ul
RT: 19.433 min Scan# 2779
Delta R.T. 0.000 min
Lab File: BM036589.D
Acq: 19 Sep 2022 20:35

Tgt Ion:202 Resp: 794229
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.6
100 8.9 7.4 11.2





#82

Pyrene

Concen: 4.737 ng/ul

RT: 19.792 min Scan# 2841

Delta R.T. -0.006 min

Lab File: BM036589.D

Acq: 19 Sep 2022 20:35

Instrument :

BNA_M

ClientSampleId :

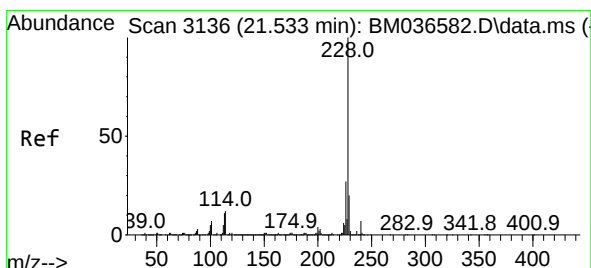
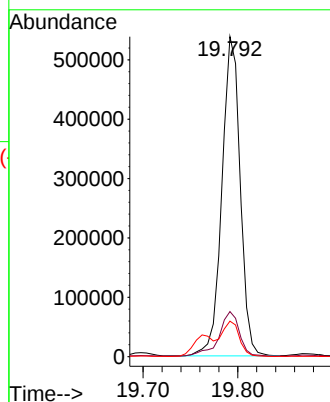
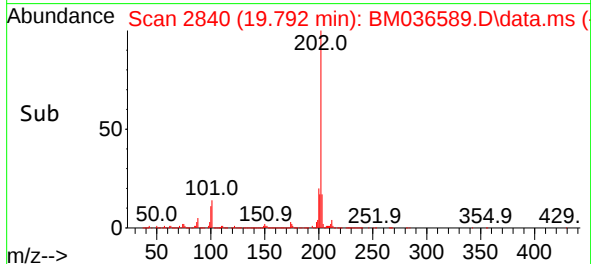
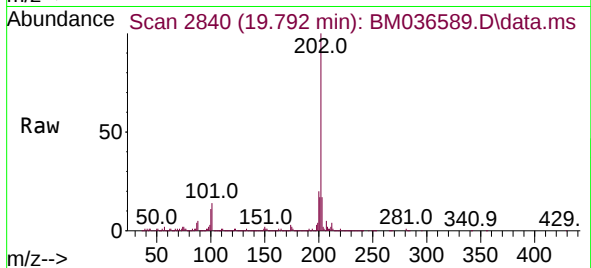
A5777

Tgt Ion:	202	Resp:	720043
Ion Ratio	Lower	Upper	
202	100		
101	14.1	10.9	16.3
100	11.1	8.7	13.1

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#85

Benzo(a)anthracene

Concen: 3.696 ng/ul

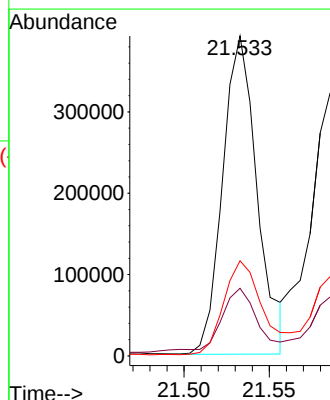
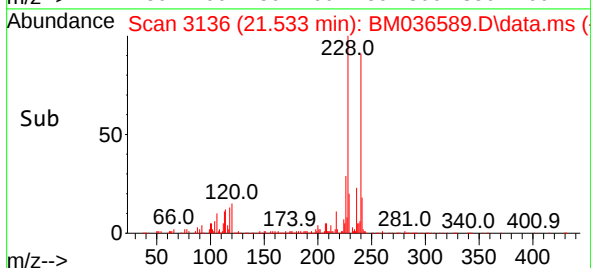
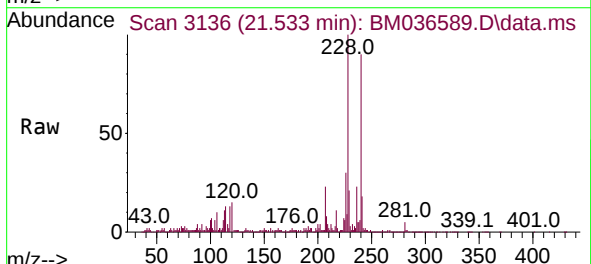
RT: 21.533 min Scan# 3136

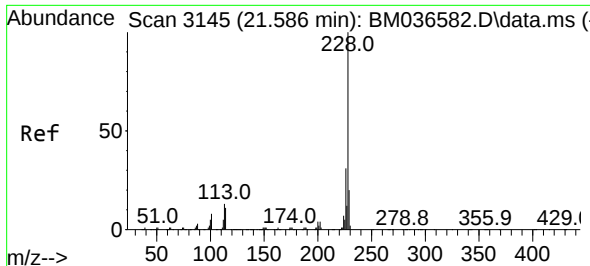
Delta R.T. -0.006 min

Lab File: BM036589.D

Acq: 19 Sep 2022 20:35

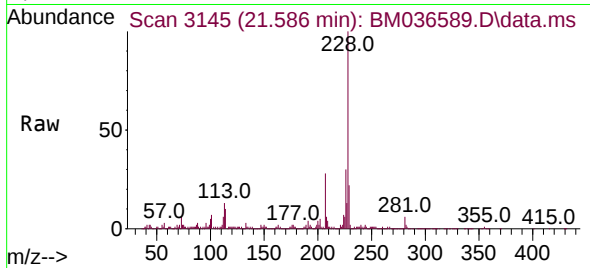
Tgt Ion:	228	Resp:	551558
Ion Ratio	Lower	Upper	
228	100		
229	21.1	15.8	23.8
226	29.7	21.9	32.9





#87
Chrysene
Concen: 3.303 ng/ul
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BM036589.D
Acq: 19 Sep 2022 20:35

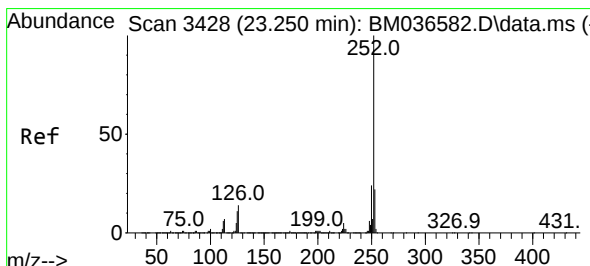
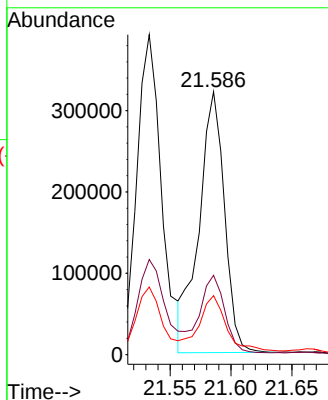
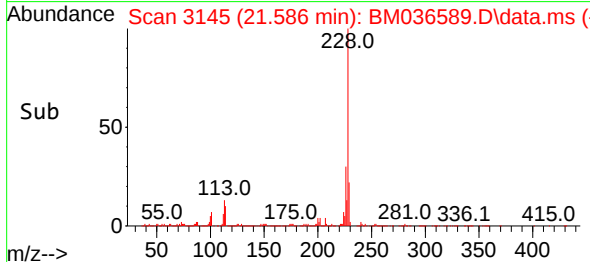
Instrument :
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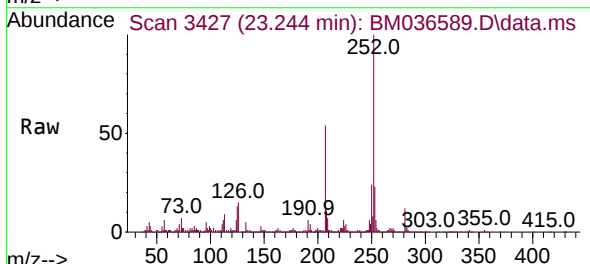
Tgt Ion:228 Resp: 467926
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 22.4 15.6 23.4

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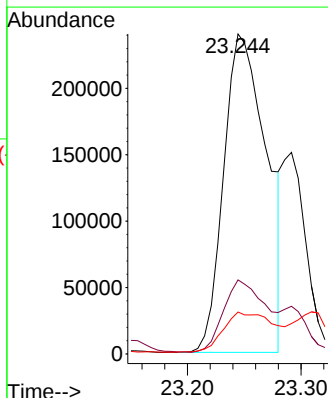
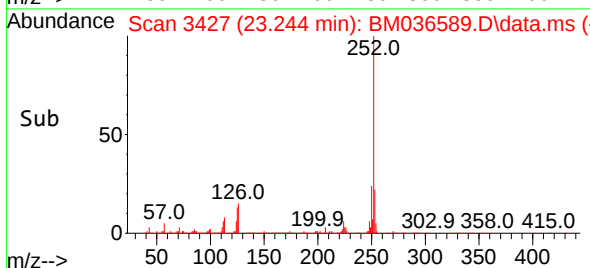
Reviewed By :Jagrut Upadhyay 09/20/2022
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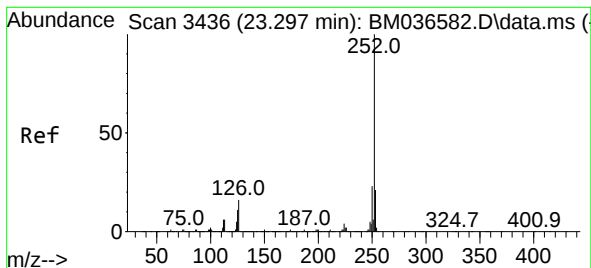


#90
Benzo(b)fluoranthene
Concen: 4.777 ng/ul
RT: 23.244 min Scan# 3427
Delta R.T. -0.006 min
Lab File: BM036589.D
Acq: 19 Sep 2022 20:35



Tgt Ion:252 Resp: 629135
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 13.1 9.1 13.7





#91

Benzo(k)fluoranthene

Concen: 1.657 ng/ul m

RT: 23.291 min Scan# 3436

Delta R.T. -0.012 min

Lab File: BM036589.D

Acq: 19 Sep 2022 20:35

Instrument :

BNA_M

ClientSampleId :

A5777

Tgt Ion:252 Resp: 218126

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.8

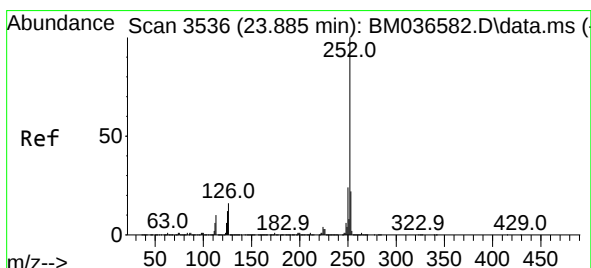
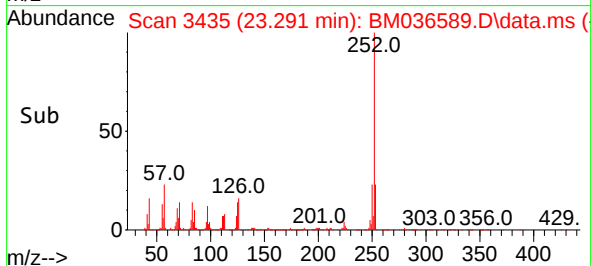
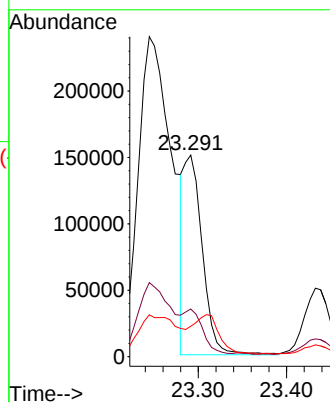
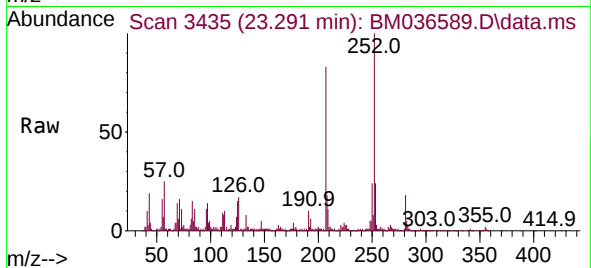
125 15.1 8.2 12.4

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 3.295 ng/ul

RT: 23.880 min Scan# 3535

Delta R.T. -0.012 min

Lab File: BM036589.D

Acq: 19 Sep 2022 20:35

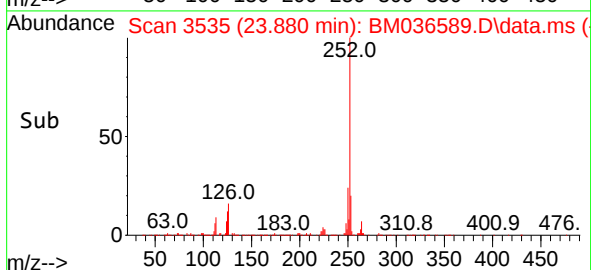
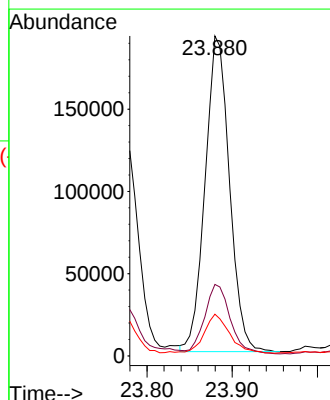
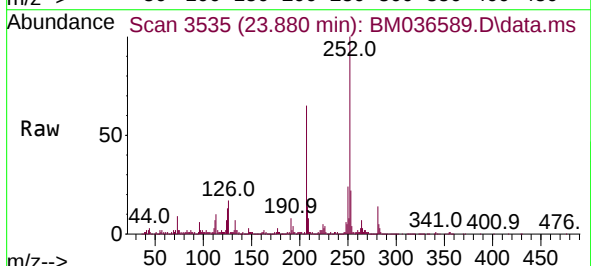
Tgt Ion:252 Resp: 381523

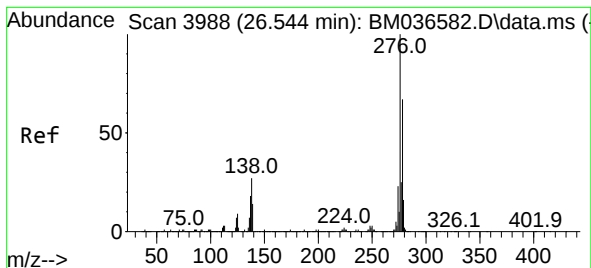
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 13.0 9.5 14.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.623 ng/ul

RT: 26.532 min Scan# 3986

Delta R.T. -0.018 min

Lab File: BM036589.D

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BNA_M

ClientSampleId :

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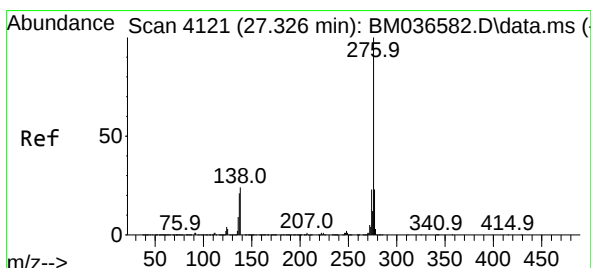
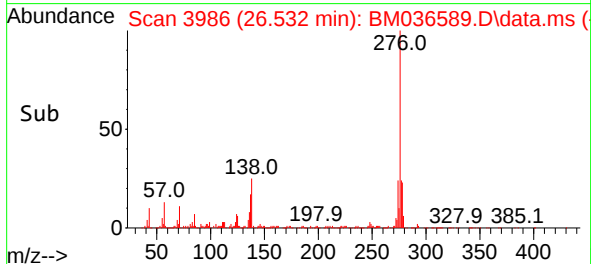
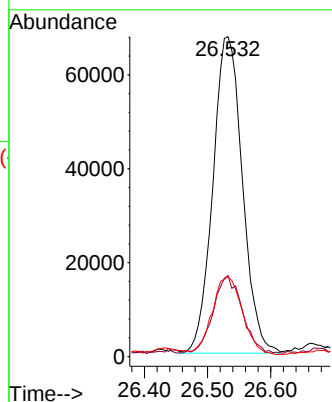
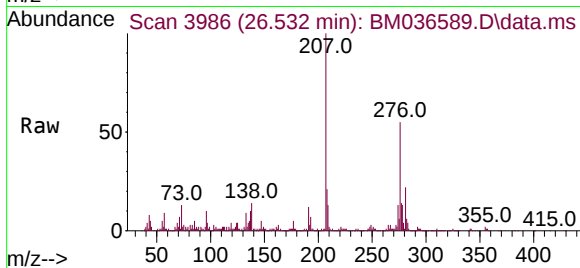
Tgt Ion:276 Resp: 219434

Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.2	30.4
277	25.0	19.7	29.5

Manual Integrations

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Supervised By :mohammad ahmed 09/21/2022



#96

Benzo(g,h,i)perylene

Concen: 1.358 ng/ul

RT: 27.309 min Scan# 4118

Delta R.T. -0.023 min

Lab File: BM036589.D

Acq: 19 Sep 2022 20:35

Tgt Ion:276 Resp: 159198

Ion	Ratio	Lower	Upper
276	100		
138	24.3	18.7	28.1
277	22.8	19.2	28.8

