

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
 Data File : BM036602.D
 Acq On : 20 Sep 2022 05:00
 Operator : CG/JU
 Sample : N4604-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5748

Manual Integrations
 APPROVED

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

Quant Time: Sep 20 05:36:11 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	462974	20.000	ng/u1	0.00
20) Naphthalene-d8	10.839	136	2073650	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	1319535	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	2645963	20.000	ng/u1	0.00
79) Chrysene-d12	21.556	240	2064059	20.000	ng/u1	0.00
88) Perylene-d12	24.003	264	1741329	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	41082	3.326	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.175	99	1002716	24.236	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	593152	23.607	ng/u1	0.00
11) 2-Chlorophenol-d4	7.551	132	805399	27.039	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	819299	26.800	ng/u1	0.00
21) Nitrobenzene-d5	9.193	128	420028	29.926	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	435159	34.614	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	826113	28.354	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	441726	9.119	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	2666771	29.965	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	3273639	31.011	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	389505	22.565	ng/u1	0.00
60) Fluorene-d10	15.639	176	2593509	32.519	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	282098	26.947	ng/u1	0.00
73) Anthracene-d10	17.486	188	3723275	30.776	ng/u1	0.00
81) Pyrene-d10	19.768	212	4085414	40.233	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.844	264	2784069	32.725	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.887	128	201015	1.779	ng/u1	99
36) 2-Methylnaphthalene	12.486	142	144811	1.924	ng/u1	98
37) 1-Methylnaphthalene	12.704	142	124655	1.647	ng/u1	100
50) Acenaphthylene	14.375	152	1115913	9.246	ng/u1	99
52) Acenaphthene	14.710	153	110171	1.305	ng/u1	98
61) Fluorene	15.692	166	189259	1.959	ng/u1#	98
72) Phenanthrene	17.427	178	3119111	21.402	ng/u1	99
74) Anthracene	17.521	178	1391103	9.391	ng/u1	100
80) Fluoranthene	19.439	202	9461869	76.040	ng/u1	99
82) Pyrene	19.798	202	9513239	72.226	ng/u1	98
85) Benzo(a)anthracene	21.539	228	5940098	45.932	ng/u1	95
87) Chrysene	21.592	228	5217518	42.504	ng/u1	97
90) Benzo(b)fluoranthene	23.262	252	7575028	68.600	ng/u1	99
91) Benzo(k)fluoranthene	23.303	252	2435731m	22.075	ng/u1	
93) Benzo(a)pyrene	23.897	252	4083270	42.063	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.550	276	2502545	22.076	ng/u1	99
95) Dibenzo(a,h)anthracene	26.556	278	751495m	7.310	ng/u1	
96) Benzo(g,h,i)perylene	27.332	276	1951558	19.858	ng/u1	98

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

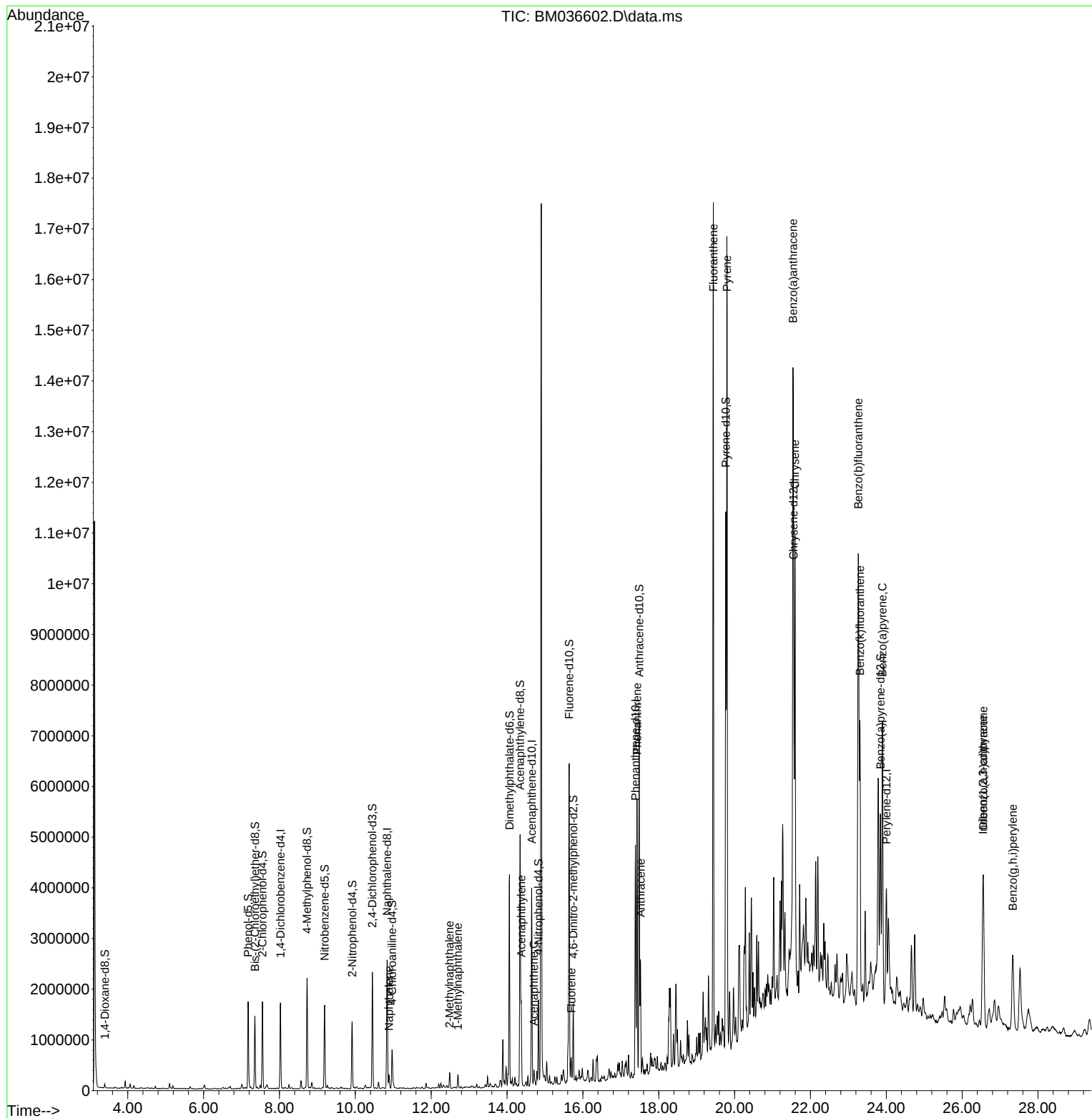
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
 Data File : BM036602.D
 Acq On : 20 Sep 2022 05:00
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 ALS Vial : 31 Sample Multiplier: 1

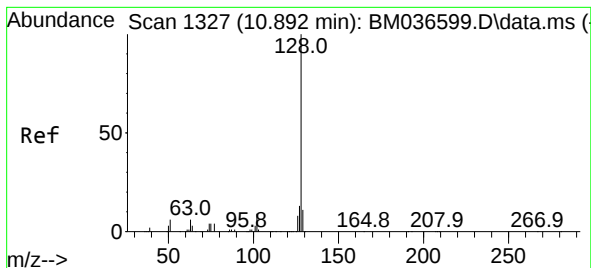
Instrument :
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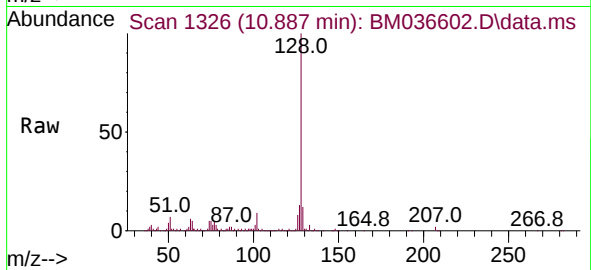
Quant Time: Sep 20 05:36:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 16 02:39:54 2022
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#30
Naphthalene
Concen: 1.779 ng/ul
RT: 10.887 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BM036602.D
Acq: 20 Sep 2022 05:00

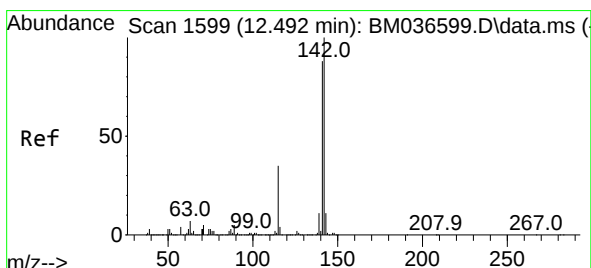
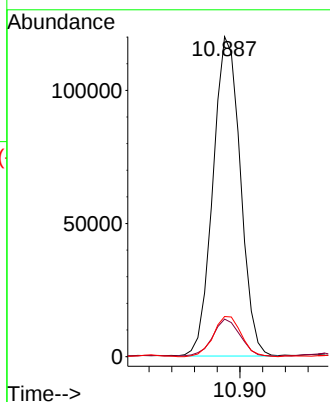
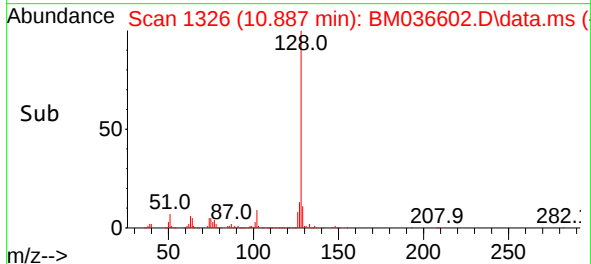
Instrument :
BNA_M
ClientSampleId :
A5748



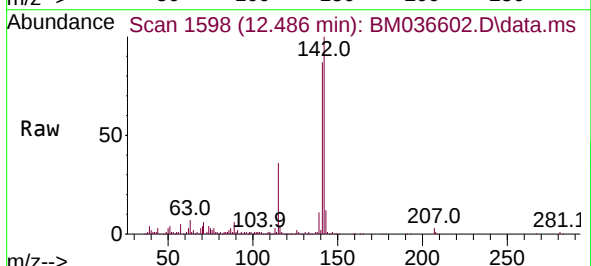
Tgt Ion:128 Resp: 201015
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 12.5 10.3 15.5

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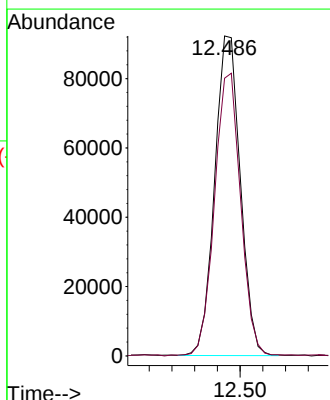
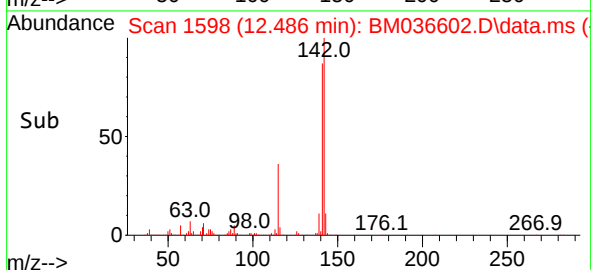
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022

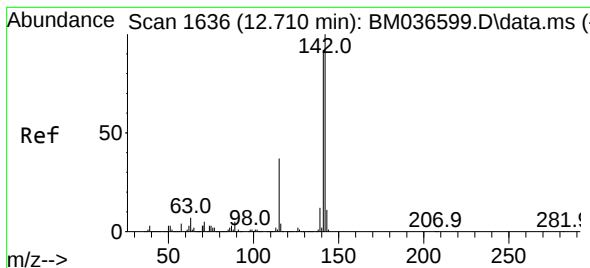


#36
2-Methylnaphthalene
Concen: 1.924 ng/ul
RT: 12.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BM036602.D
Acq: 20 Sep 2022 05:00



Tgt Ion:142 Resp: 144811
Ion Ratio Lower Upper
142 100
141 86.8 70.7 106.1





#37

1-Methylnaphthalene

Concen: 1.647 ng/ul

RT: 12.704 min Scan# 1635

Delta R.T. -0.006 min

Lab File: BM036602.D

Acq: 20 Sep 2022 05:00

Instrument :

BNA_M

ClientSampleId :

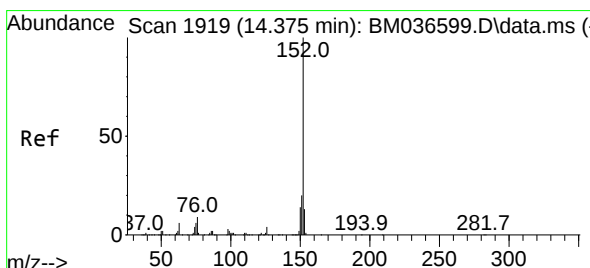
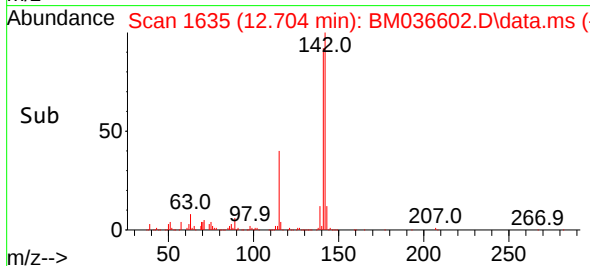
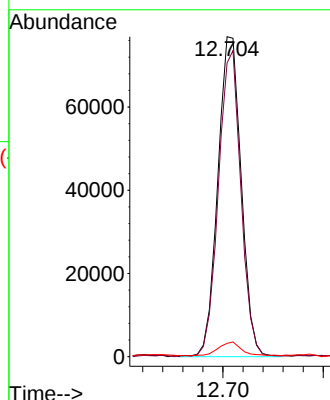
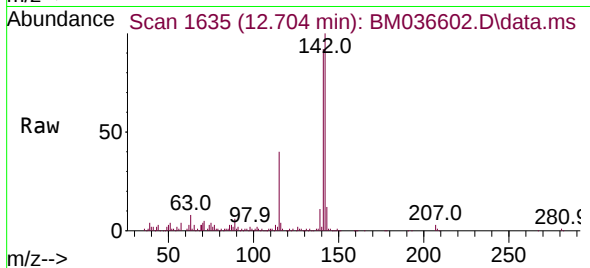
A5748

Tgt Ion:	142	Resp:	124655
Ion Ratio	Lower	Upper	
142	100		
141	91.8	73.4	110.2
116	4.1	3.1	4.7

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#50

Acenaphthylene

Concen: 9.246 ng/ul

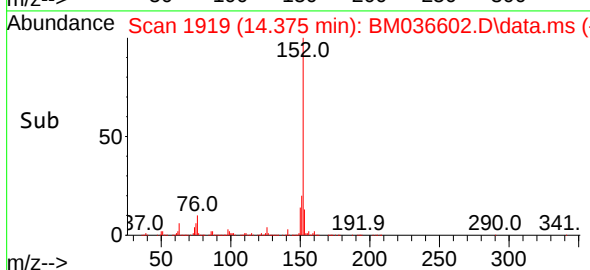
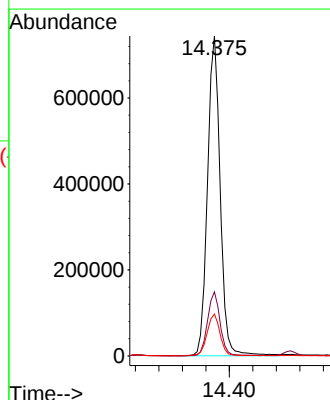
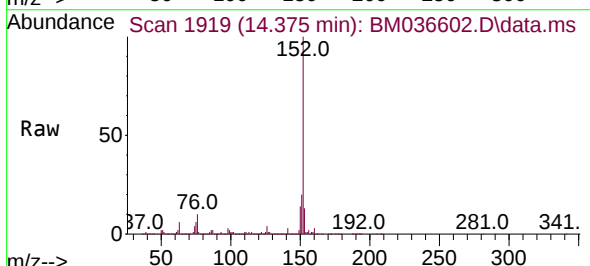
RT: 14.375 min Scan# 1919

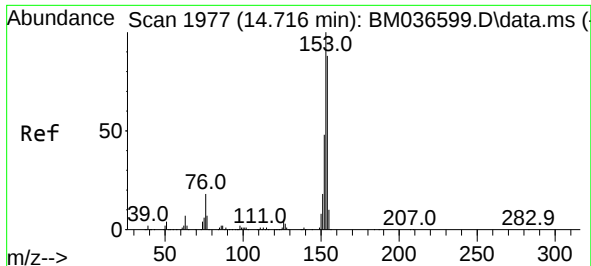
Delta R.T. 0.000 min

Lab File: BM036602.D

Acq: 20 Sep 2022 05:00

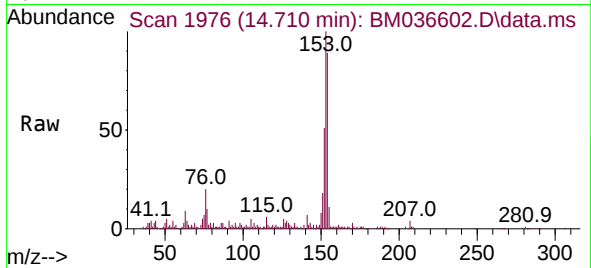
Tgt Ion:	152	Resp:	1115913
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.7	23.5
153	13.1	10.5	15.7





#52
Acenaphthene
Concen: 1.305 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BM036602.D
Acq: 20 Sep 2022 05:00

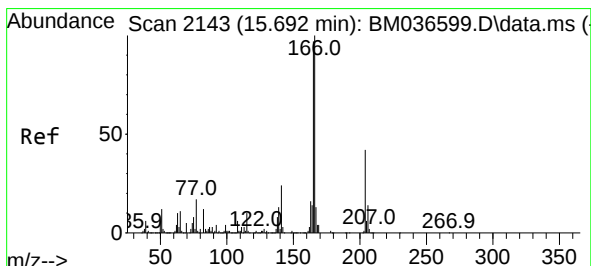
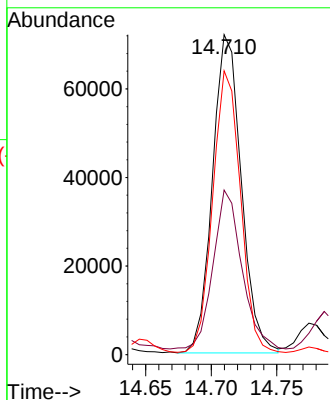
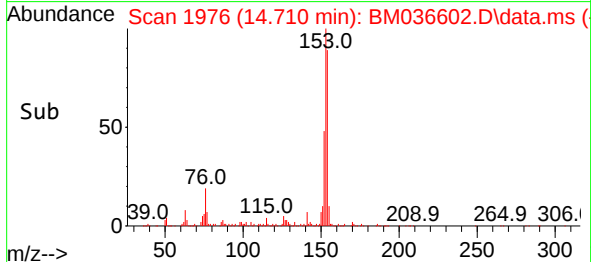
Instrument :
BNA_M
ClientSampleId :
A5748



Tgt Ion:153 Resp: 11017
Ion Ratio Lower Upper
153 100
152 51.5 38.2 57.2
154 88.7 71.0 106.6

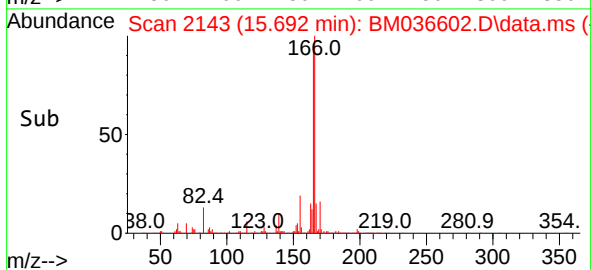
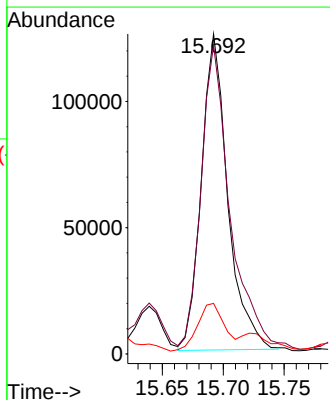
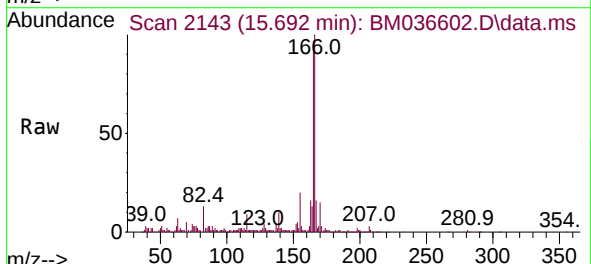
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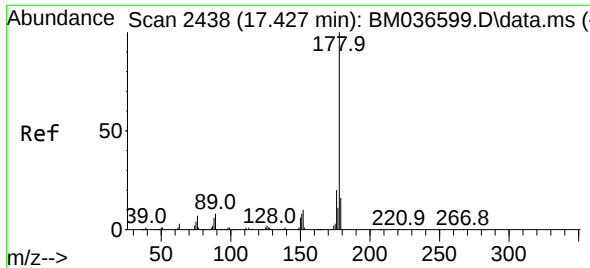
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022



#61
Fluorene
Concen: 1.959 ng/ul
RT: 15.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BM036602.D
Acq: 20 Sep 2022 05:00

Tgt Ion:166 Resp: 189259
Ion Ratio Lower Upper
166 100
165 96.5 78.5 117.7
167 15.8 10.4 15.6#





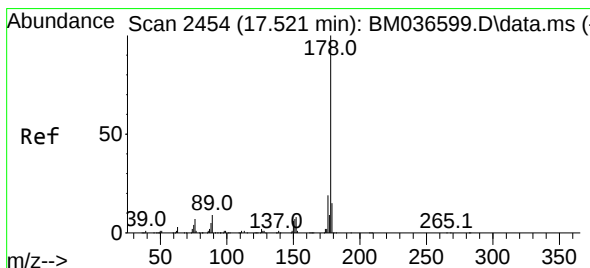
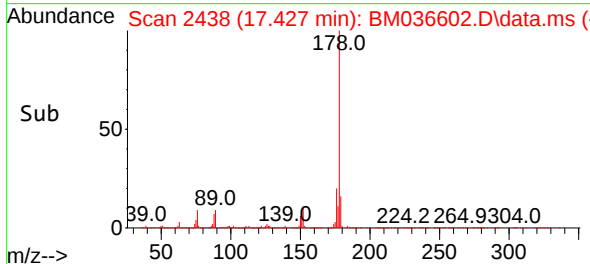
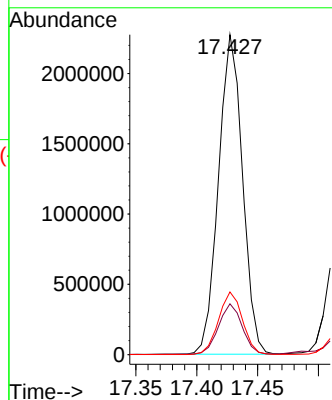
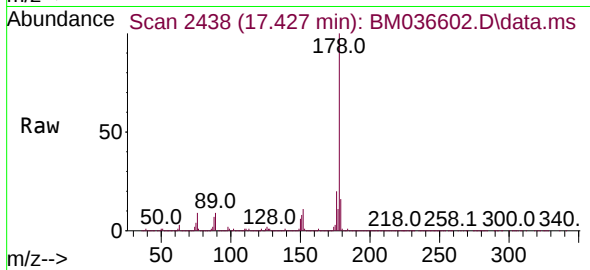
#72
Phenanthrene
Concen: 21.402 ng/ul
RT: 17.427 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BM036602.D
Acq: 20 Sep 2022 05:00

Instrument :
BNA_M
ClientSampleId :
A5748

Tgt Ion:178 Resp: 311911
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.2
176 19.6 15.7 23.5

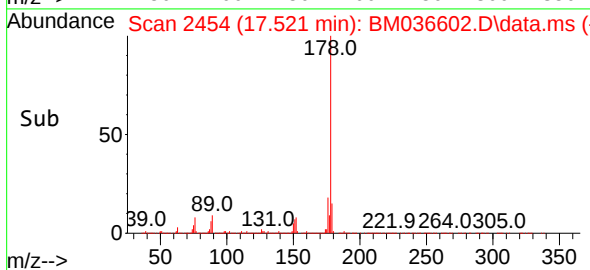
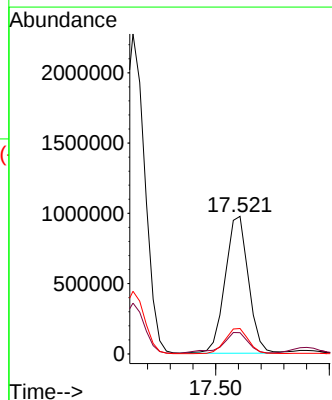
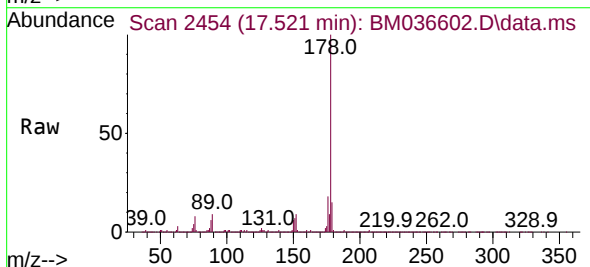
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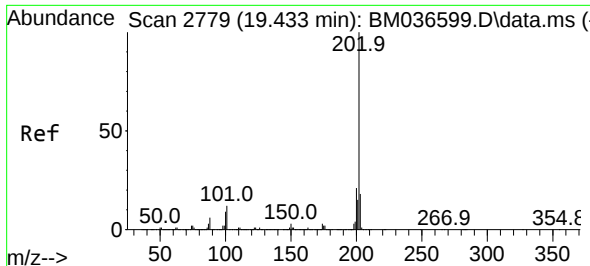
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022



#74
Anthracene
Concen: 9.391 ng/ul
RT: 17.521 min Scan# 2454
Delta R.T. 0.000 min
Lab File: BM036602.D
Acq: 20 Sep 2022 05:00

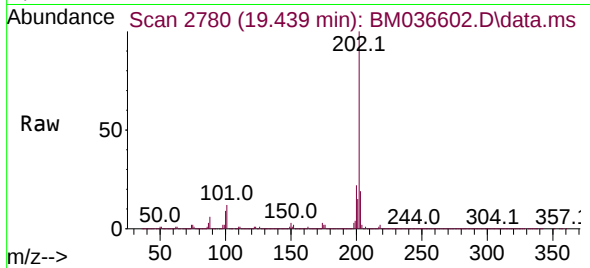
Tgt Ion:178 Resp: 1391103
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 18.5 15.0 22.6





#80
Fluoranthene
Concen: 76.040 ng/u1
RT: 19.439 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM036602.D
Acq: 20 Sep 2022 05:00

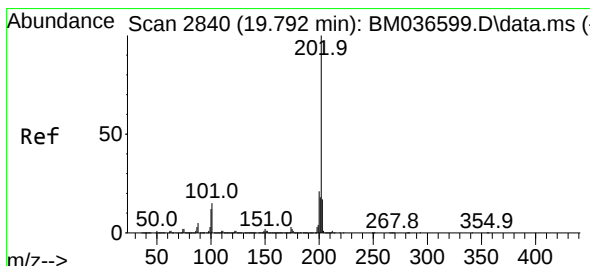
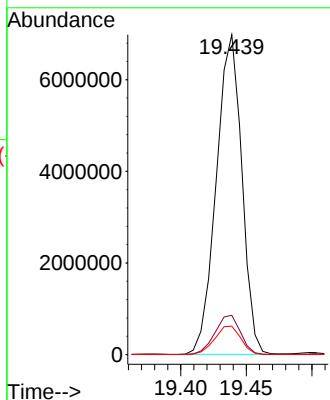
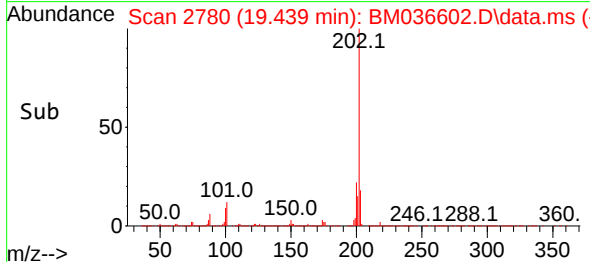
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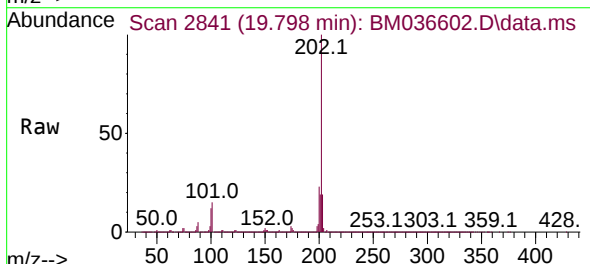
Tgt Ion:202 Resp: 9461869
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.6
100 8.9 7.4 11.2

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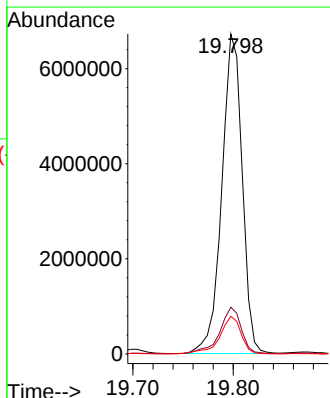
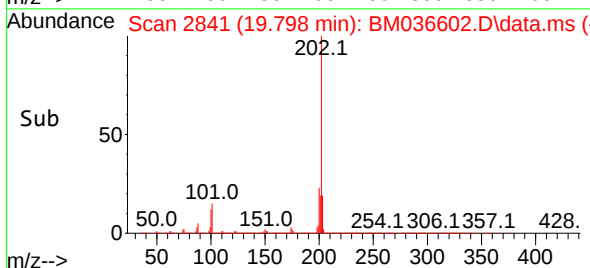
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022

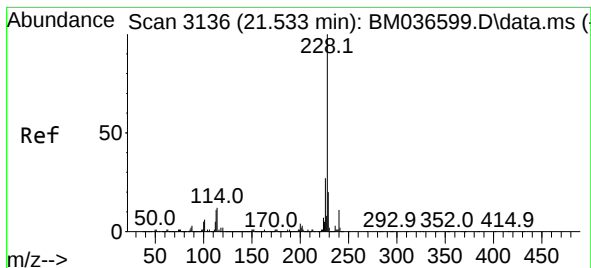


#82
Pyrene
Concen: 72.226 ng/u1
RT: 19.798 min Scan# 2841
Delta R.T. 0.000 min
Lab File: BM036602.D
Acq: 20 Sep 2022 05:00



Tgt Ion:202 Resp: 9513239
Ion Ratio Lower Upper
202 100
101 14.6 10.9 16.3
100 11.7 8.7 13.1





#85

Benzo(a)anthracene

Concen: 45.932 ng/ul

RT: 21.539 min Scan# 3136

Delta R.T. 0.000 min

Lab File: BM036602.D

Acq: 20 Sep 2022 05:00

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:228 Resp: 5940098

Ion Ratio Lower Upper

228 100

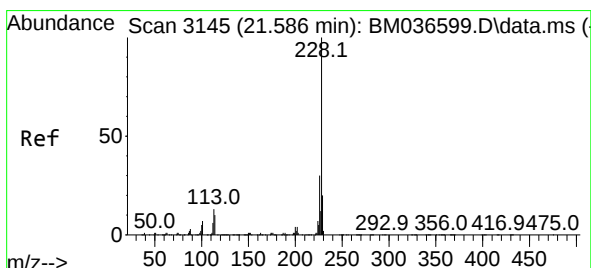
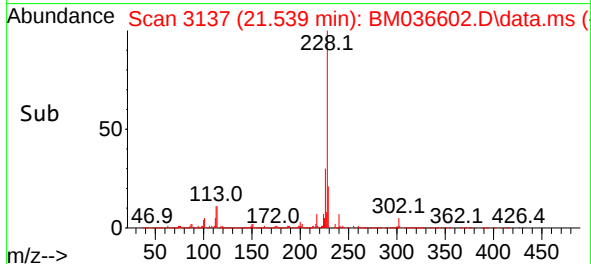
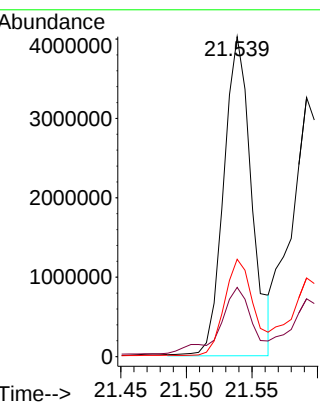
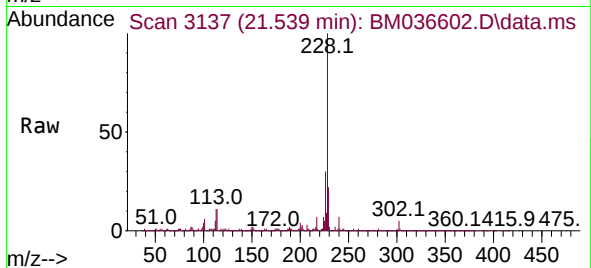
229 21.6 15.8 23.8

226 30.4 21.9 32.9

Manual Integrations

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



#87

Chrysene

Concen: 42.504 ng/ul

RT: 21.592 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BM036602.D

Acq: 20 Sep 2022 05:00

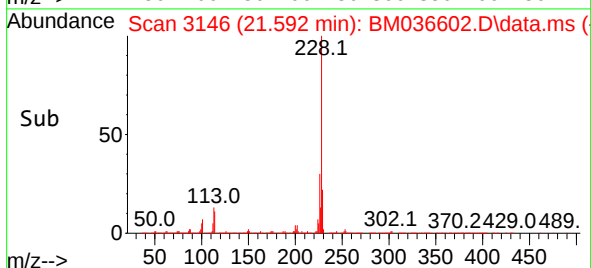
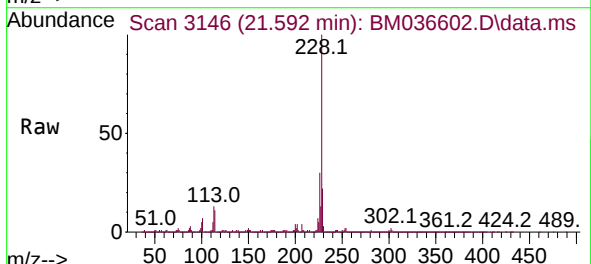
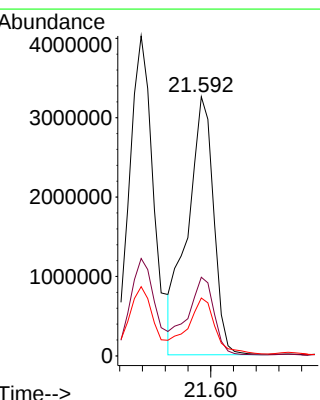
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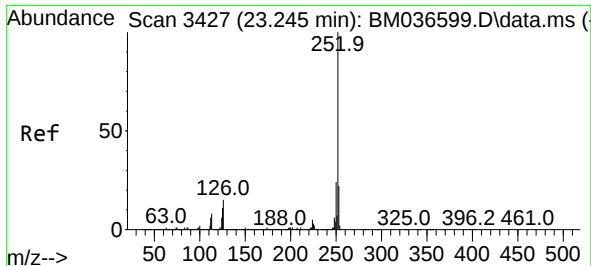
Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

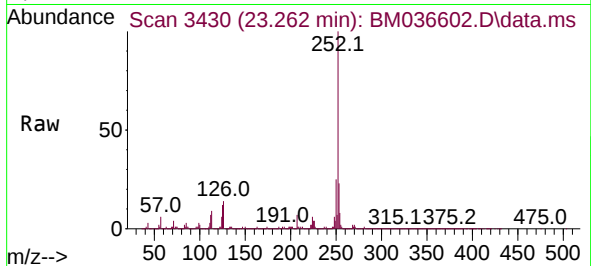
229 22.3 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 68.600 ng/ul
RT: 23.262 min Scan# 3427
Delta R.T. 0.012 min
Lab File: BM036602.D
Acq: 20 Sep 2022 05:00

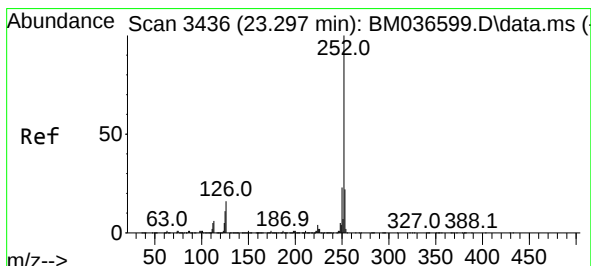
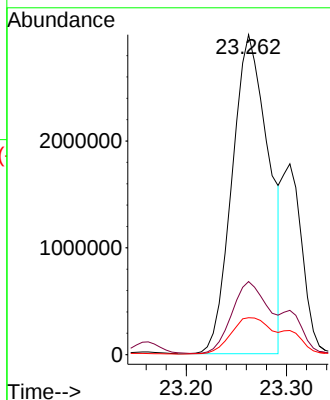
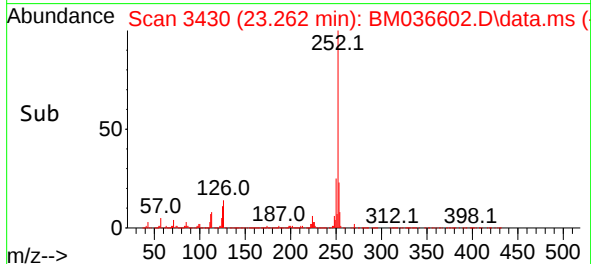
Instrument :
BNA_M
ClientSampleId :
A5748



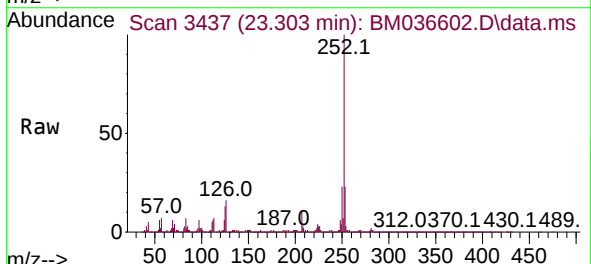
Tgt Ion:252 Resp: 7575028
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 11.5 9.1 13.7

Manual Integrations
APPROVED

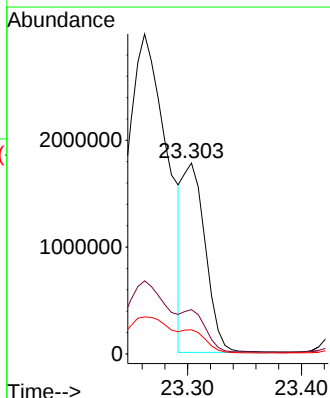
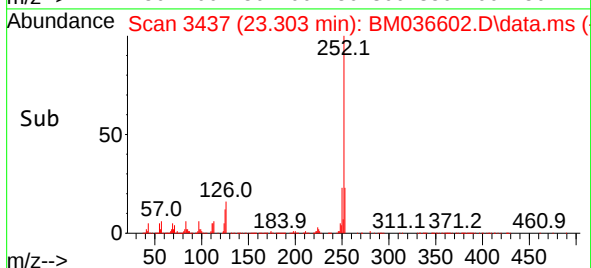
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022

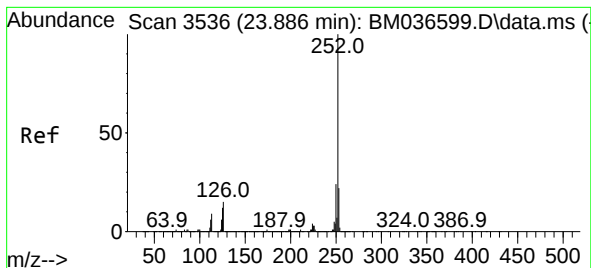


#91
Benzo(k)fluoranthene
Concen: 22.075 ng/ul m
RT: 23.303 min Scan# 3437
Delta R.T. 0.000 min
Lab File: BM036602.D
Acq: 20 Sep 2022 05:00



Tgt Ion:252 Resp: 2435731
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 12.6 8.2 12.4#





#93

Benzo(a)pyrene

Concen: 42.063 ng/u1

RT: 23.897 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM036602.D

Acq: 20 Sep 2022 05:00

Instrument :

BNA_M

ClientSampleId :

A5748

Tgt Ion:252 Resp: 4083270

Ion Ratio Lower Upper

252 100

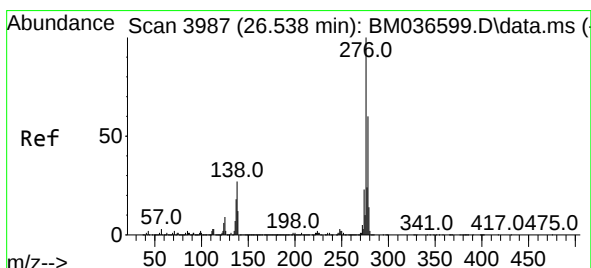
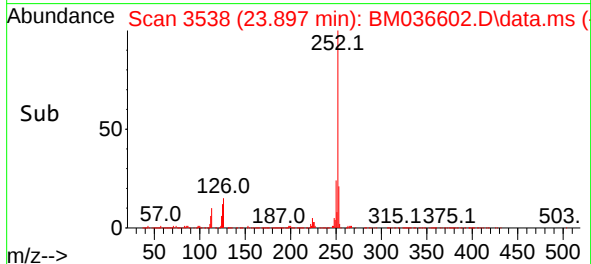
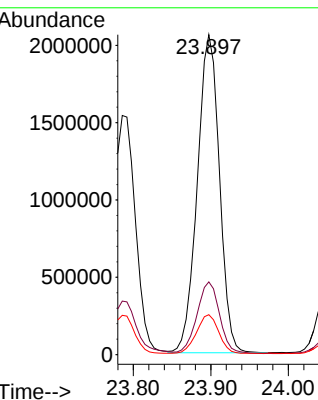
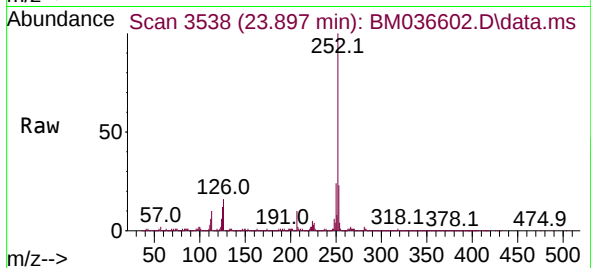
253 22.7 17.5 26.3

125 12.5 9.5 14.3

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 22.076 ng/u1

RT: 26.550 min Scan# 3989

Delta R.T. 0.000 min

Lab File: BM036602.D

Acq: 20 Sep 2022 05:00

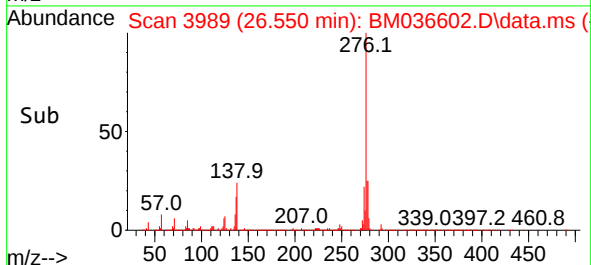
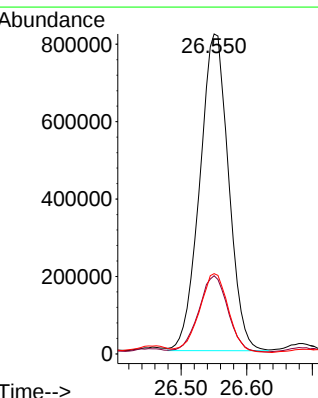
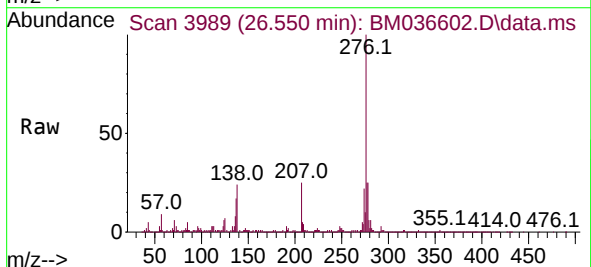
Tgt Ion:276 Resp: 2502545

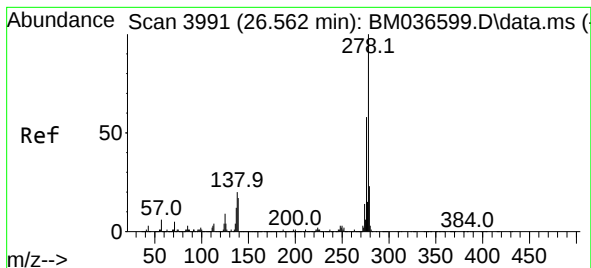
Ion Ratio Lower Upper

276 100

138 24.4 20.2 30.4

277 25.1 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 7.310 ng/ul m

RT: 26.556 min Scan# 3991

Delta R.T. -0.018 min

Lab File: BM036602.D

Acq: 20 Sep 2022 05:00

Instrument :

BNA_M

ClientSampleId :

A5748

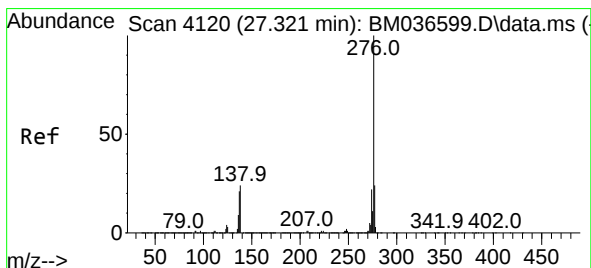
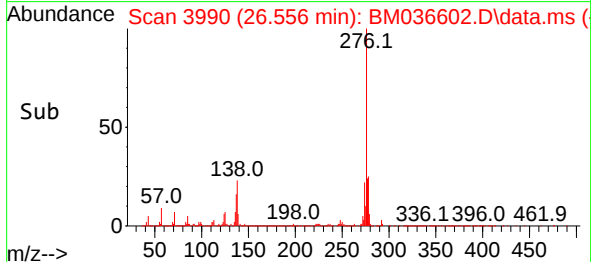
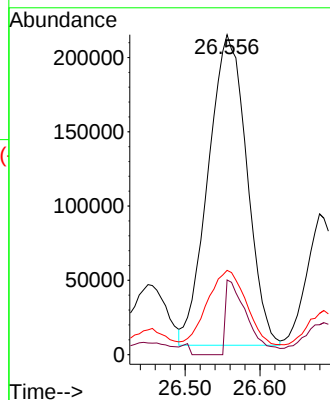
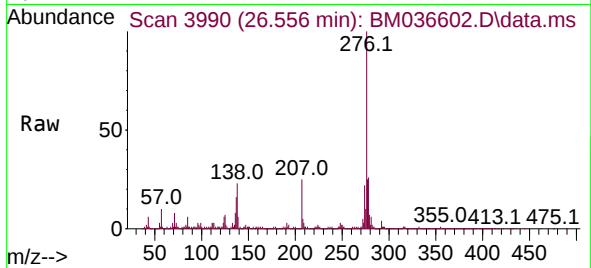
Tgt Ion:278 Resp: 751495

Ion	Ratio	Lower	Upper
278	100		
139	23.3	14.5	21.7
279	26.3	19.7	29.5

Manual Integrations

APPROVED

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



#96

Benzo(g,h,i)perylene

Concen: 19.858 ng/ul

RT: 27.332 min Scan# 4122

Delta R.T. 0.000 min

Lab File: BM036602.D

Acq: 20 Sep 2022 05:00

Tgt Ion:276 Resp: 1951558

Ion	Ratio	Lower	Upper
276	100		
138	24.6	18.7	28.1
277	24.5	19.2	28.8

