

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
 Data File : BM036606.D
 Acq On : 20 Sep 2022 07:24
 Operator : CG/JU
 Sample : N4604-18
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5778

Manual Integrations
 APPROVED

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

Quant Time: Sep 20 08:15:54 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	563254	20.000	ng/u1	0.00
20) Naphthalene-d8	10.839	136	2474074	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	1485904	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	2842943	20.000	ng/u1	0.00
79) Chrysene-d12	21.562	240	1827017	20.000	ng/u1	0.00
88) Perylene-d12	24.009	264	1719862	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	50939	3.390	ng/uL	0.00
4) Pyridine-d5	3.822	84	206276	4.707	ng/u1	0.00
7) Phenol-d5	7.175	99	1186571	23.573	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	696512	22.786	ng/u1	0.00
11) 2-Chlorophenol-d4	7.551	132	948468	26.173	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	876203	23.559	ng/u1	0.00
21) Nitrobenzene-d5	9.192	128	500873	29.910	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	527694	35.181	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	933065	26.842	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	870141m	15.056	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	2739020	27.331	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	3392741	28.541	ng/u1	0.00
54) 4-Nitrophenol-d4	14.839	143	475511	24.463	ng/u1	0.01
60) Fluorene-d10	15.639	176	2421428	26.962	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.762	200	215338	19.145	ng/u1	0.01
73) Anthracene-d10	17.492	188	3532371	27.175	ng/u1	0.00
81) Pyrene-d10	19.774	212	3498100	38.919	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.856	264	2397564	28.534	ng/u1	0.02
Target Compounds					Qvalue	
30) Naphthalene	10.886	128	1496670	11.105	ng/u1	99
36) 2-Methylnaphthalene	12.492	142	2376095	26.460	ng/u1	100
37) 1-Methylnaphthalene	12.710	142	2407881	26.673	ng/u1	100
50) Acenaphthylene	14.374	152	4721637	34.741	ng/u1	97
52) Acenaphthene	14.715	153	1081172	11.369	ng/u1	99
61) Fluorene	15.698	166	4695585	43.171	ng/u1	100
72) Phenanthrene	17.433	178	18573178m	118.609	ng/u1	
74) Anthracene	17.527	178	8707748	54.708	ng/u1	97
80) Fluoranthene	19.445	202	16514660m	149.940	ng/u1	
82) Pyrene	19.809	202	15376461m	131.887	ng/u1	
85) Benzo(a)anthracene	21.550	228	9394047	82.064	ng/u1	91
87) Chrysene	21.603	228	8142922m	74.942	ng/u1	
90) Benzo(b)fluoranthene	23.274	252	7339618	67.297	ng/u1	97
91) Benzo(k)fluoranthene	23.309	252	2321333m	21.301	ng/u1	
93) Benzo(a)pyrene	23.909	252	5154705	53.764	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.568	276	2631112	23.500	ng/u1	98
95) Dibenzo(a,h)anthracene	26.573	278	871274	8.581	ng/u1#	87
96) Benzo(g,h,i)perylene	27.356	276	1924132	19.823	ng/u1	99

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

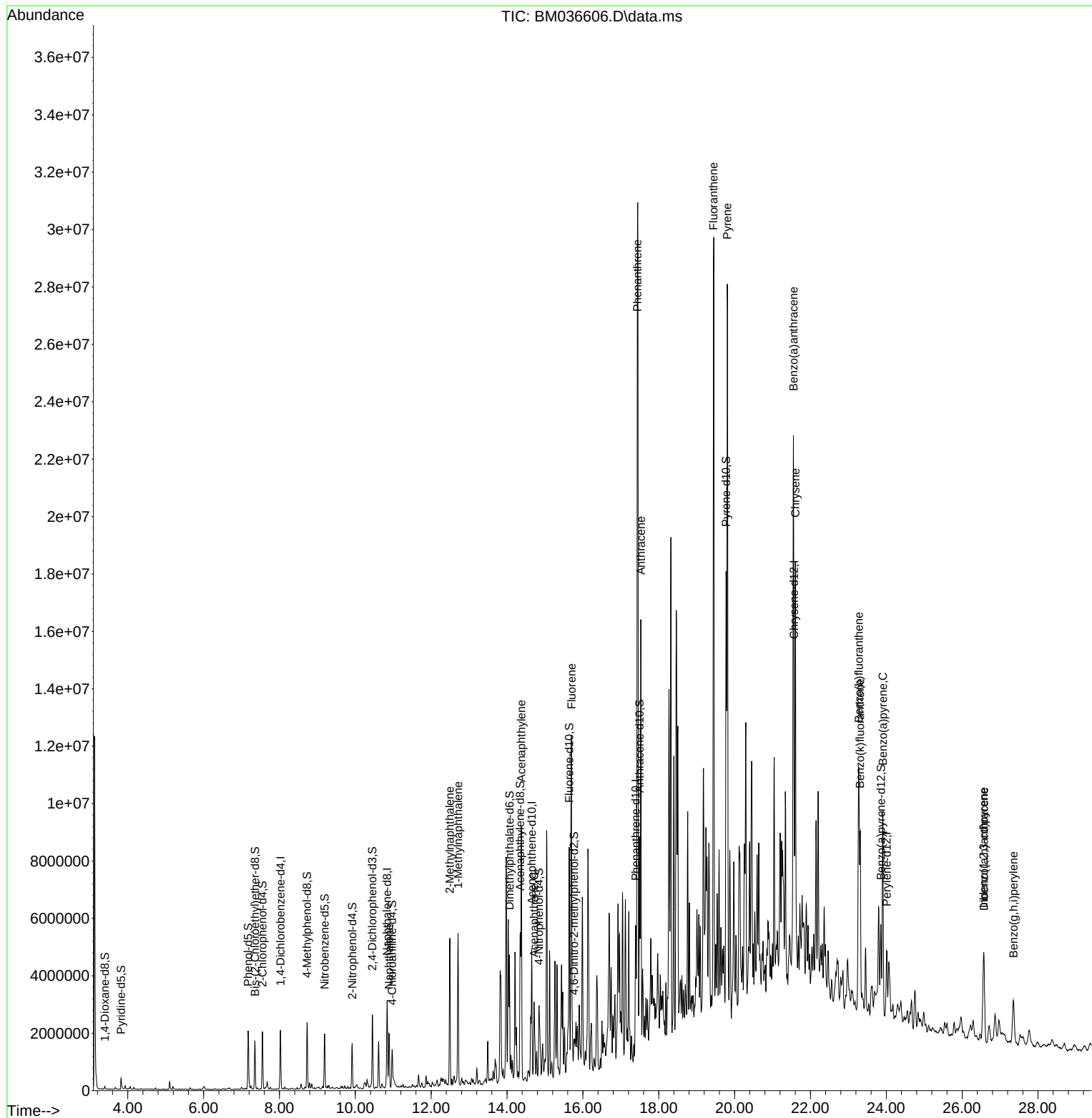
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036606.D
Acq On : 20 Sep 2022 07:24
Operator : CG/JU
Sample : N4604-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

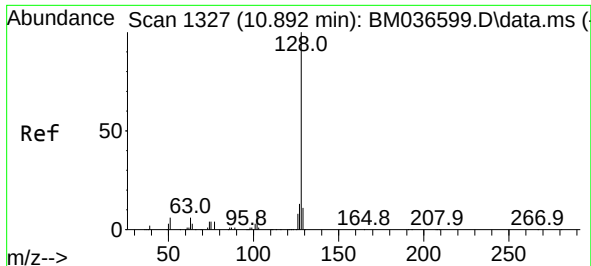
Instrument :
BNA_M
ClientSampleId :
A5778

Manual Integrations
APPROVED

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

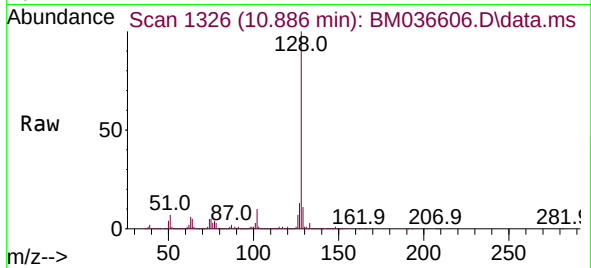
Quant Time: Sep 20 08:15:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration





#30
Naphthalene
Concen: 11.105 ng/ul
RT: 10.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BM036606.D
Acq: 20 Sep 2022 07:24

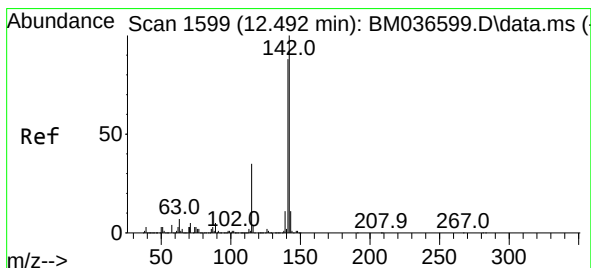
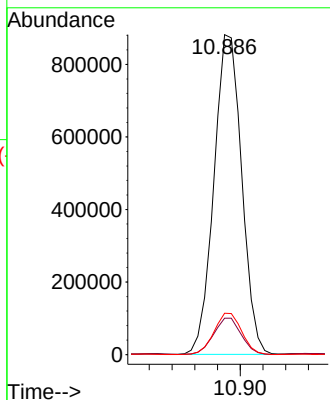
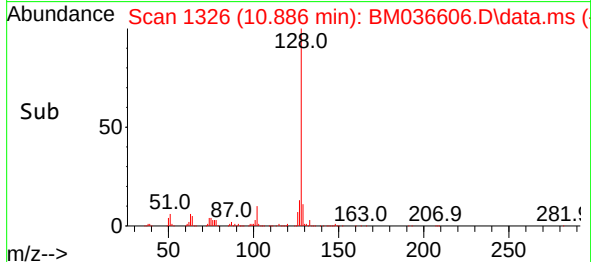
Instrument :
BNA_M
ClientSampleId :
A5778



Tgt Ion:128 Resp: 1496670
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 12.9 10.3 15.5

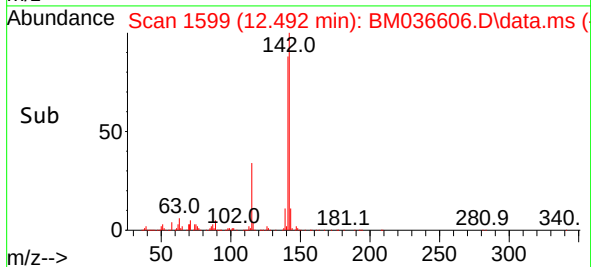
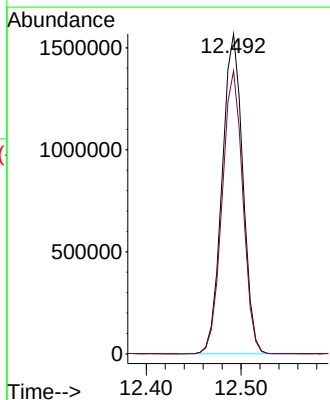
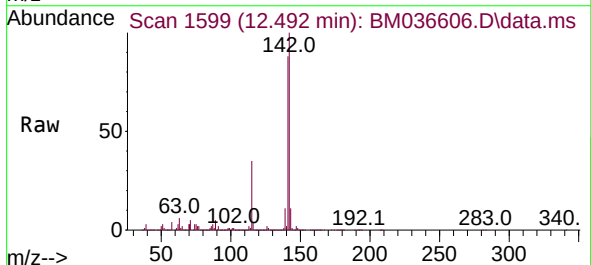
Manual Integrations
APPROVED

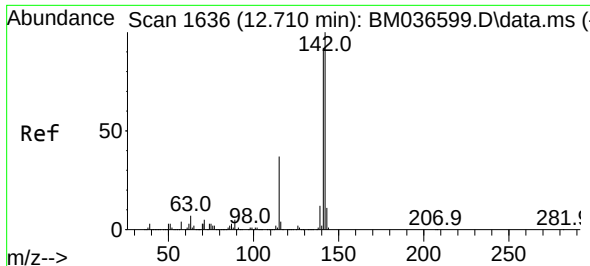
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022



#36
2-Methylnaphthalene
Concen: 26.460 ng/ul
RT: 12.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BM036606.D
Acq: 20 Sep 2022 07:24

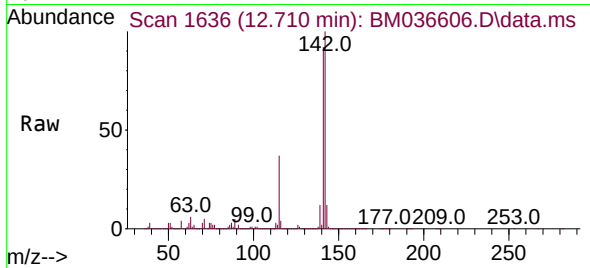
Tgt Ion:142 Resp: 2376095
Ion Ratio Lower Upper
142 100
141 88.4 70.7 106.1





#37
1-Methylnaphthalene
Concen: 26.673 ng/ul
RT: 12.710 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BM036606.D
Acq: 20 Sep 2022 07:24

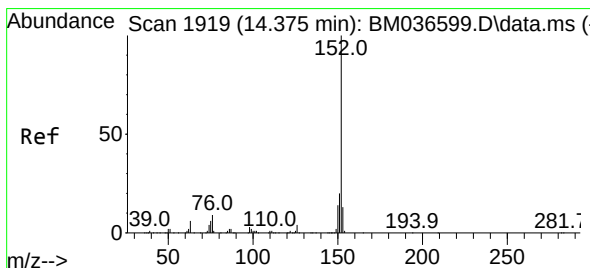
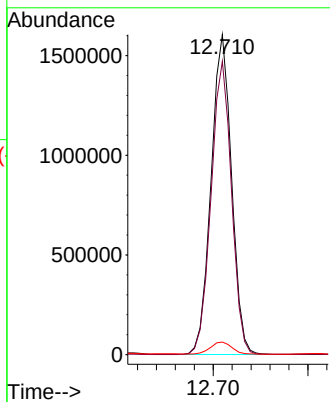
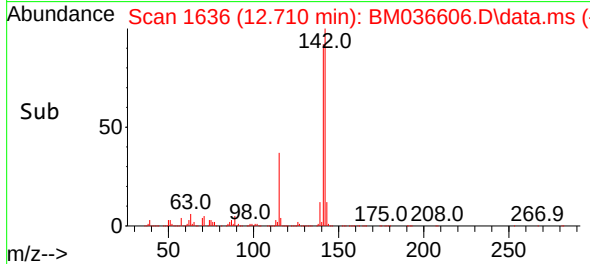
Instrument :
BNA_M
ClientSampleId :
A5778



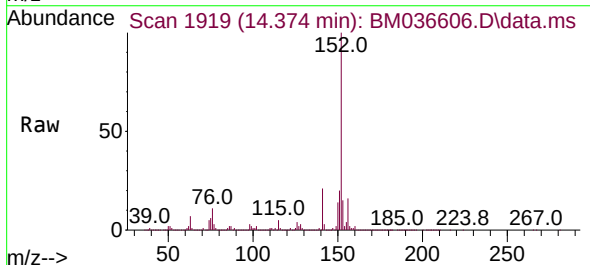
Tgt Ion:142 Resp: 240788
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.2
116 4.0 3.1 4.7

Manual Integrations
APPROVED

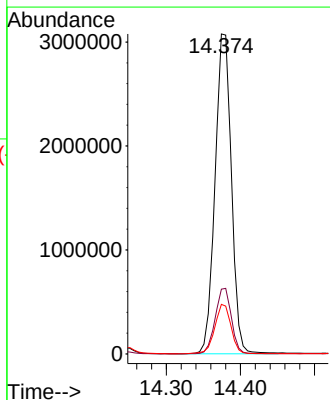
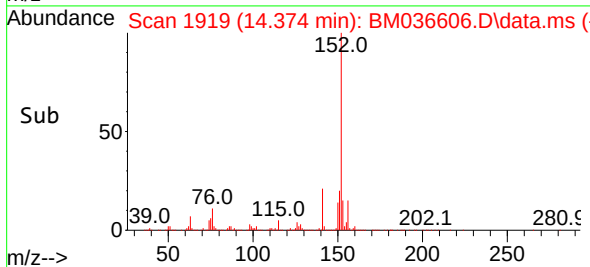
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022

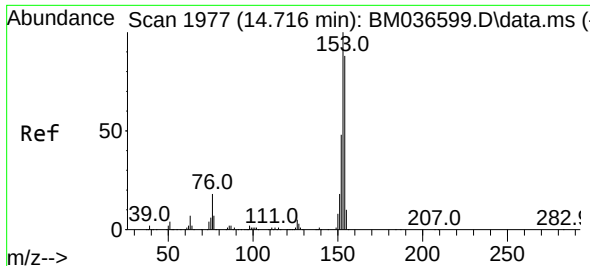


#50
Acenaphthylene
Concen: 34.741 ng/ul
RT: 14.374 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BM036606.D
Acq: 20 Sep 2022 07:24



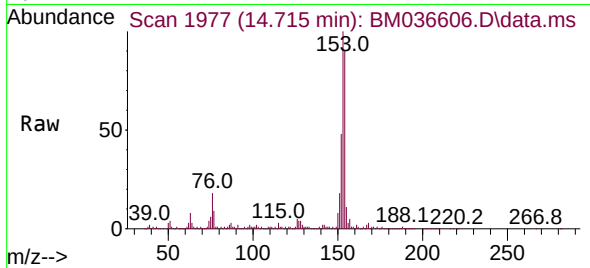
Tgt Ion:152 Resp: 4721637
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 15.5 10.5 15.7





#52
Acenaphthene
Concen: 11.369 ng/ul
RT: 14.715 min Scan# 1977
Delta R.T. -0.000 min
Lab File: BM036606.D
Acq: 20 Sep 2022 07:24

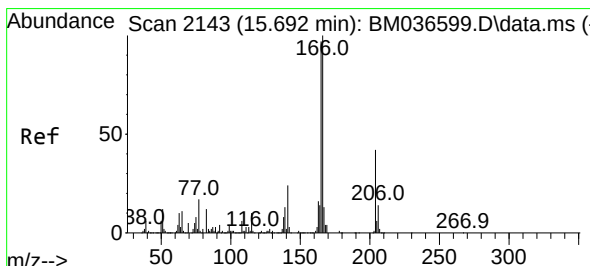
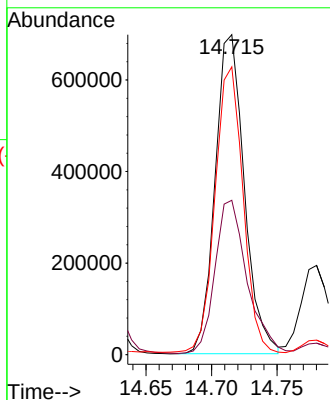
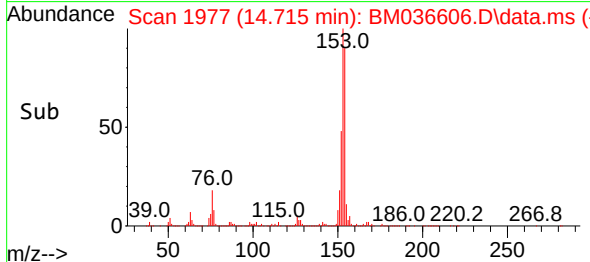
Instrument :
BNA_M
ClientSampleId :
A5778



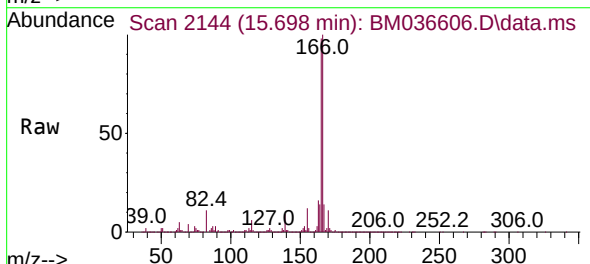
Tgt Ion:153 Resp: 1081172
Ion Ratio Lower Upper
153 100
152 48.2 38.2 57.2
154 89.9 71.0 106.6

Manual Integrations
APPROVED

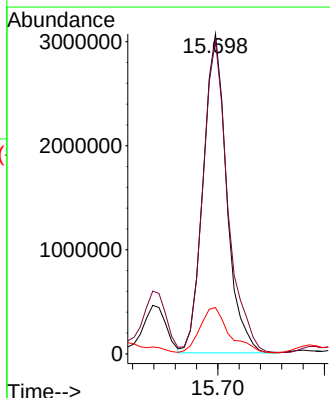
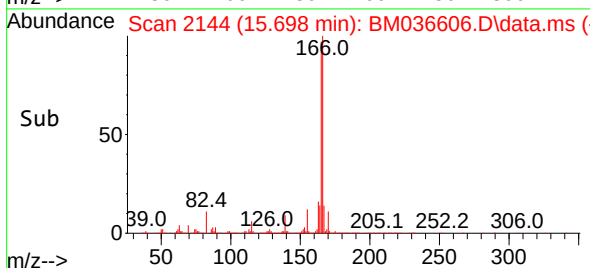
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022

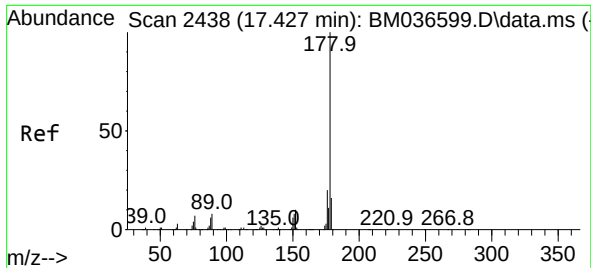


#61
Fluorene
Concen: 43.171 ng/ul
RT: 15.698 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BM036606.D
Acq: 20 Sep 2022 07:24



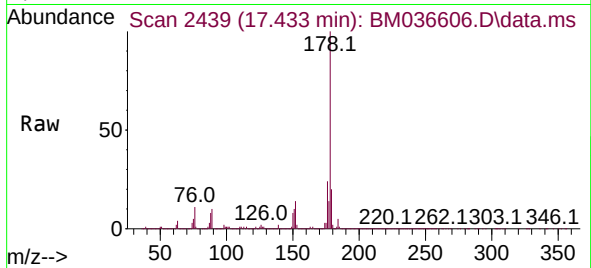
Tgt Ion:166 Resp: 4695585
Ion Ratio Lower Upper
166 100
165 98.1 78.5 117.7
167 14.5 10.4 15.6





#72
Phenanthrene
Concen: 118.609 ng/ul m
RT: 17.433 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BM036606.D
Acq: 20 Sep 2022 07:24

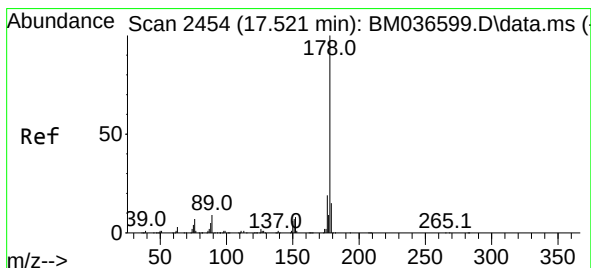
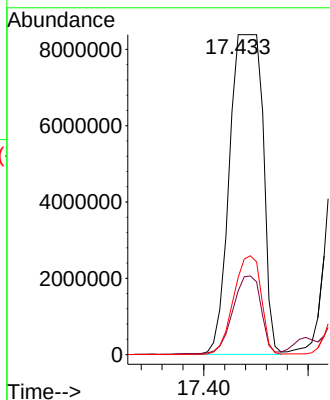
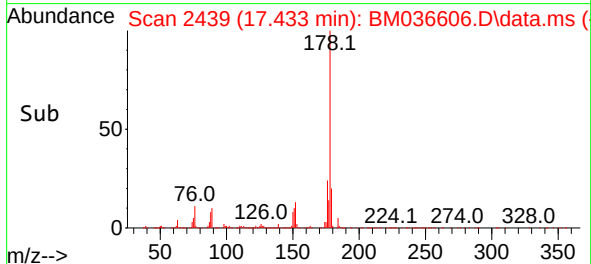
Instrument :
BNA_M
ClientSampleId :
A5778



Tgt Ion:178 Resp:18573178
Ion Ratio Lower Upper
178 100
179 19.9 12.2 18.2
176 24.1 15.7 23.5

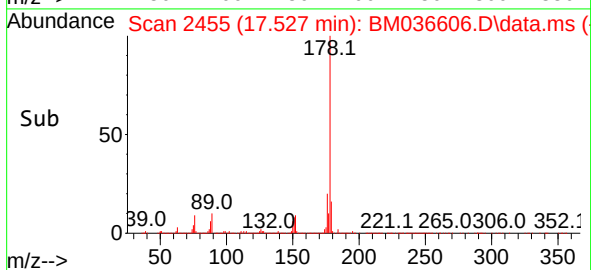
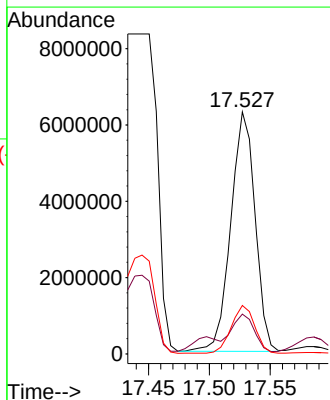
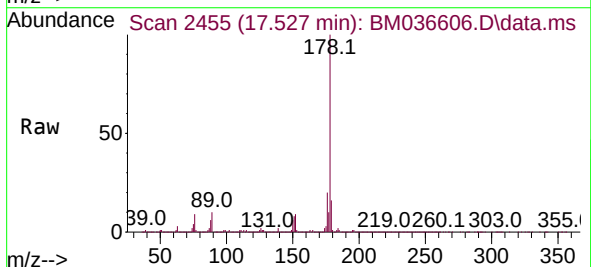
Manual Integrations
APPROVED

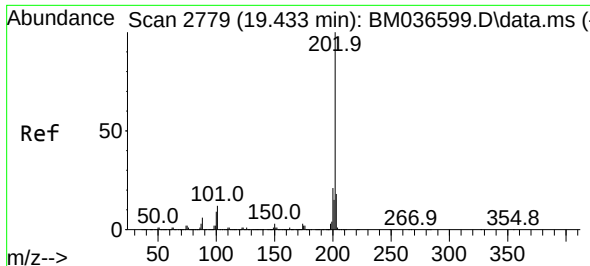
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022



#74
Anthracene
Concen: 54.708 ng/ul
RT: 17.527 min Scan# 2455
Delta R.T. 0.006 min
Lab File: BM036606.D
Acq: 20 Sep 2022 07:24

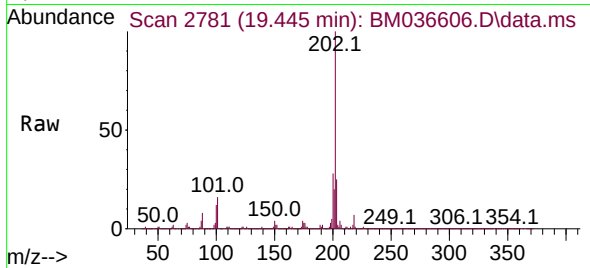
Tgt Ion:178 Resp: 8707748
Ion Ratio Lower Upper
178 100
179 16.4 12.3 18.5
176 20.0 15.0 22.6





#80
Fluoranthene
Concen: 149.940 ng/ul m
RT: 19.445 min Scan# 2781
Delta R.T. 0.012 min
Lab File: BM036606.D
Acq: 20 Sep 2022 07:24

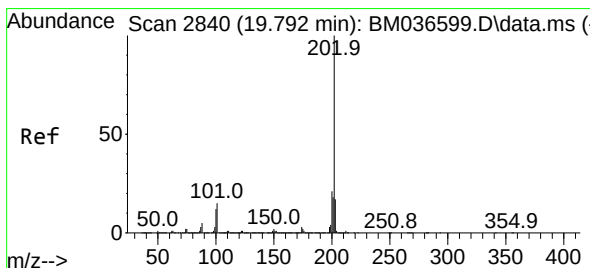
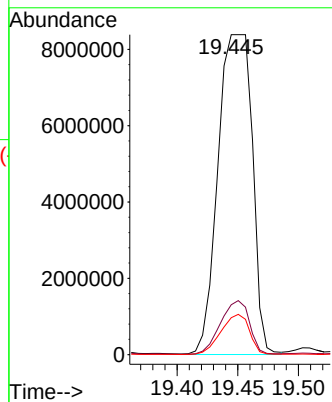
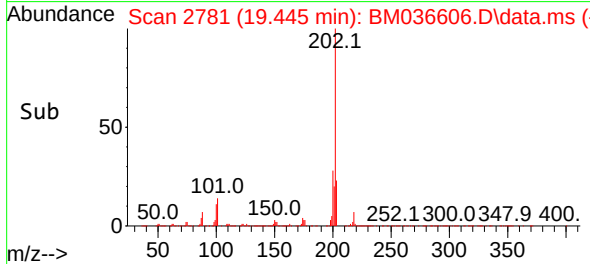
Instrument :
BNA_M
ClientSampleId :
A5778



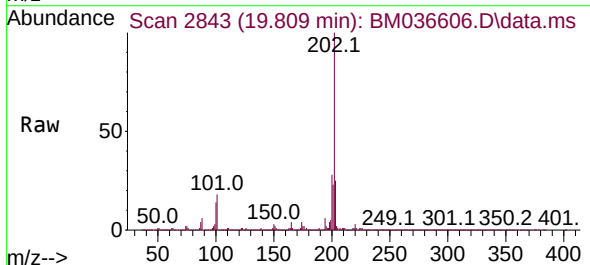
Tgt Ion:202 Resp:16514660
Ion Ratio Lower Upper
202 100
101 15.6 9.8 14.6
100 11.5 7.4 11.2

Manual Integrations
APPROVED

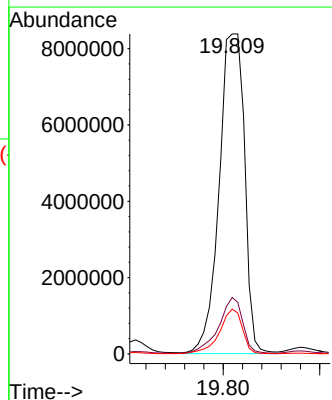
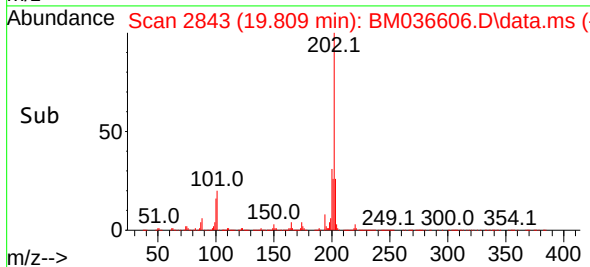
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022

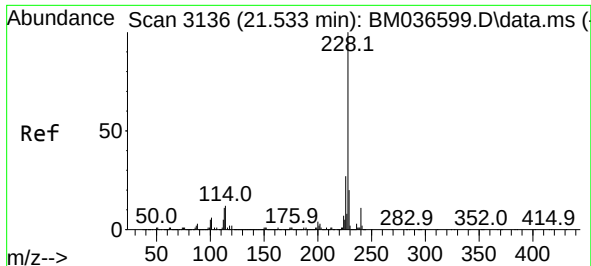


#82
Pyrene
Concen: 131.887 ng/ul m
RT: 19.809 min Scan# 2843
Delta R.T. 0.012 min
Lab File: BM036606.D
Acq: 20 Sep 2022 07:24



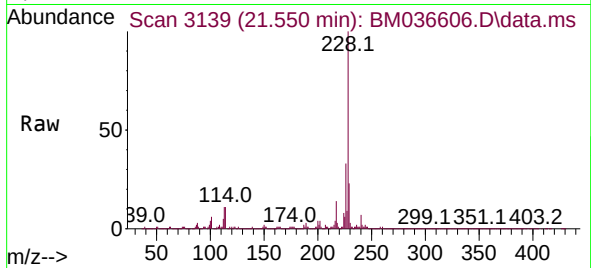
Tgt Ion:202 Resp:15376461
Ion Ratio Lower Upper
202 100
101 17.6 10.9 16.3#
100 14.0 8.7 13.1#





#85
Benzo(a)anthracene
Concen: 82.064 ng/ul
RT: 21.550 min Scan# 3139
Delta R.T. 0.012 min
Lab File: BM036606.D
Acq: 20 Sep 2022 07:24

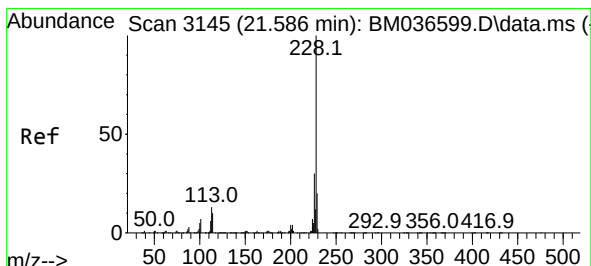
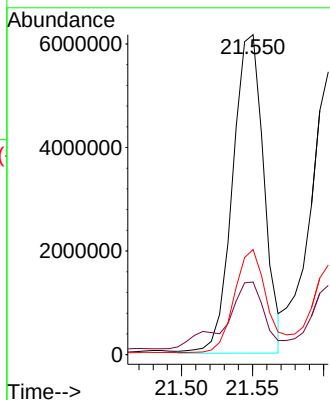
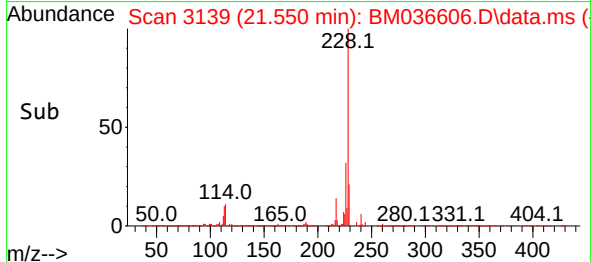
Instrument :
BNA_M
ClientSampleId :
A5778



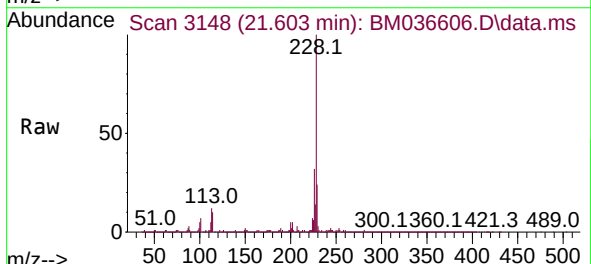
Tgt Ion:228 Resp: 939404
Ion Ratio Lower Upper
228 100
229 22.7 15.8 23.8
226 32.8 21.9 32.9

Manual Integrations
APPROVED

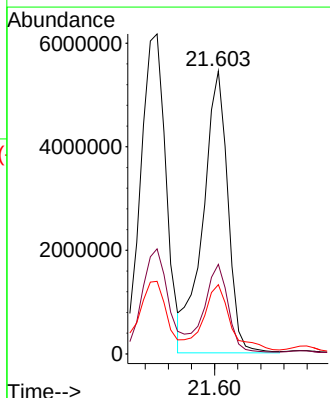
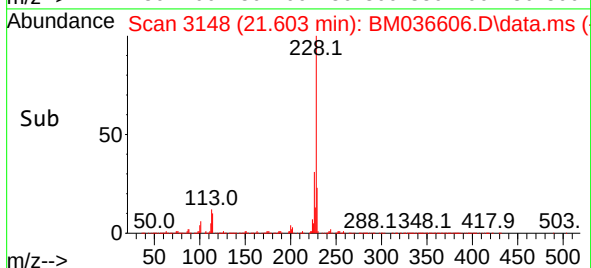
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022

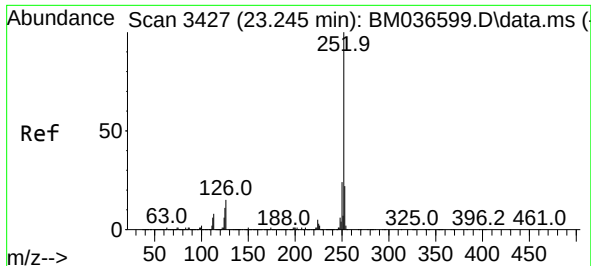


#87
Chrysene
Concen: 74.942 ng/ul m
RT: 21.603 min Scan# 3148
Delta R.T. 0.012 min
Lab File: BM036606.D
Acq: 20 Sep 2022 07:24



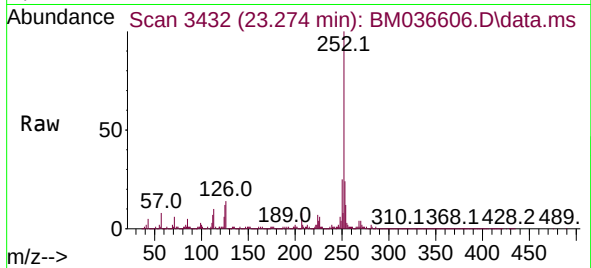
Tgt Ion:228 Resp: 8142922
Ion Ratio Lower Upper
228 100
226 31.6 24.4 36.6
229 24.5 15.6 23.4#





#90
Benzo(b)fluoranthene
Concen: 67.297 ng/ul
RT: 23.274 min Scan# 3427
Delta R.T. 0.023 min
Lab File: BM036606.D
Acq: 20 Sep 2022 07:24

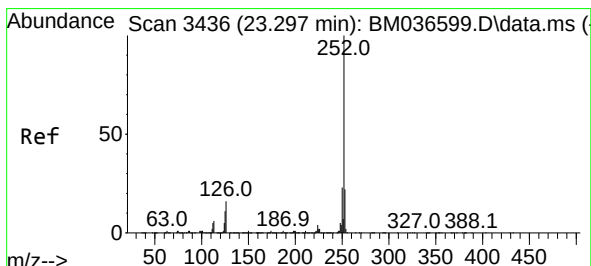
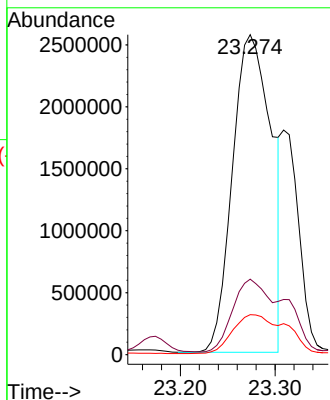
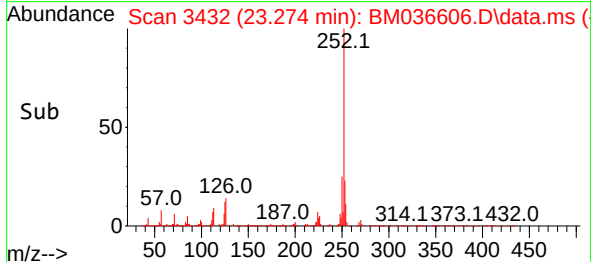
Instrument :
BNA_M
ClientSampleId :
A5778



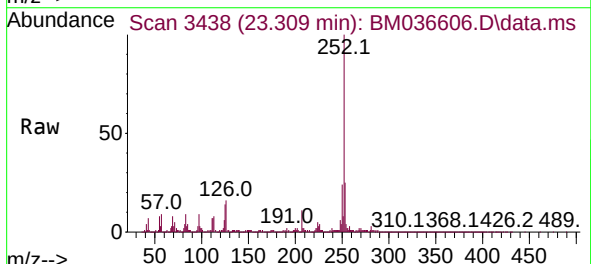
Tgt Ion:252 Resp: 7339618
Ion Ratio Lower Upper
252 100
253 23.6 17.6 26.4
125 12.5 9.1 13.7

Manual Integrations
APPROVED

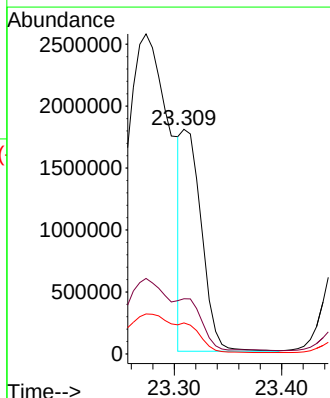
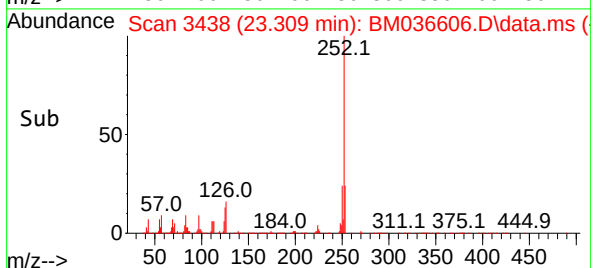
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022

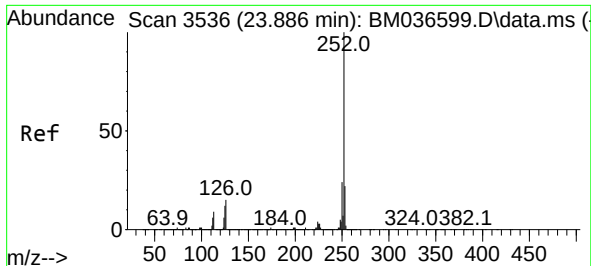


#91
Benzo(k)fluoranthene
Concen: 21.301 ng/ul m
RT: 23.309 min Scan# 3438
Delta R.T. 0.006 min
Lab File: BM036606.D
Acq: 20 Sep 2022 07:24



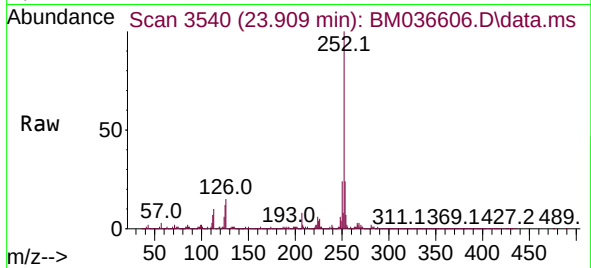
Tgt Ion:252 Resp: 2321333
Ion Ratio Lower Upper
252 100
253 24.5 17.8 26.8
125 13.8 8.2 12.4#





#93
Benzo(a)pyrene
Concen: 53.764 ng/u1
RT: 23.909 min Scan# 31
Delta R.T. 0.018 min
Lab File: BM036606.D
Acq: 20 Sep 2022 07:24

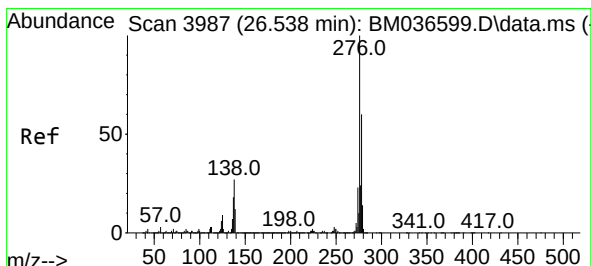
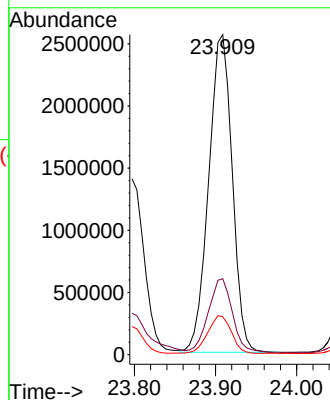
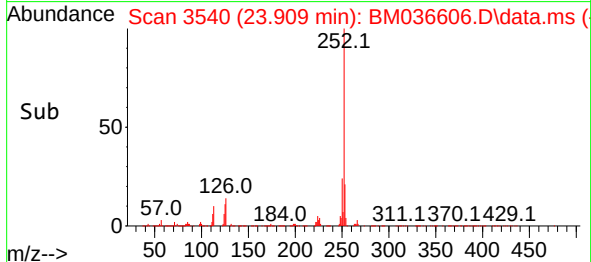
Instrument :
BNA_M
ClientSampleId :
A5778



Tgt Ion:252 Resp: 5154705
Ion Ratio Lower Upper
252 100
253 23.7 17.5 26.3
125 11.8 9.5 14.3

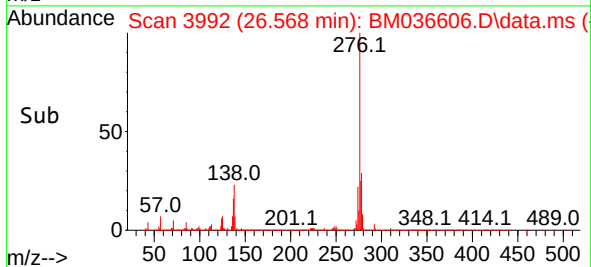
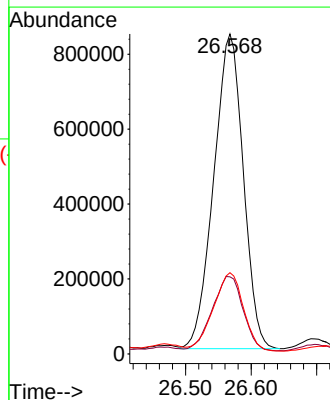
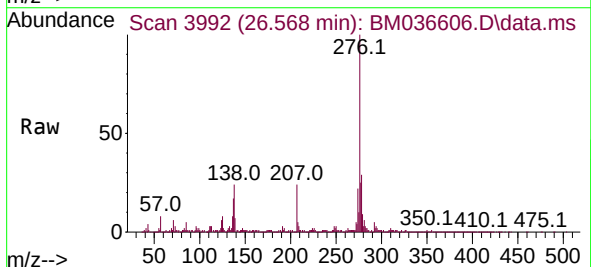
Manual Integrations
APPROVED

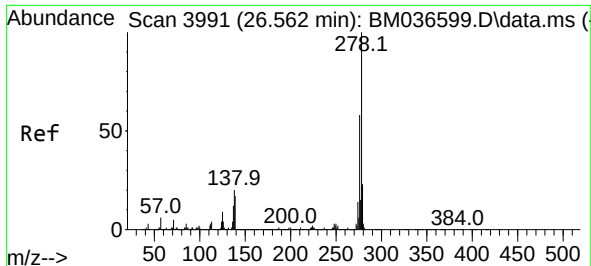
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022



#94
Indeno(1,2,3-cd)pyrene
Concen: 23.500 ng/u1
RT: 26.568 min Scan# 3992
Delta R.T. 0.018 min
Lab File: BM036606.D
Acq: 20 Sep 2022 07:24

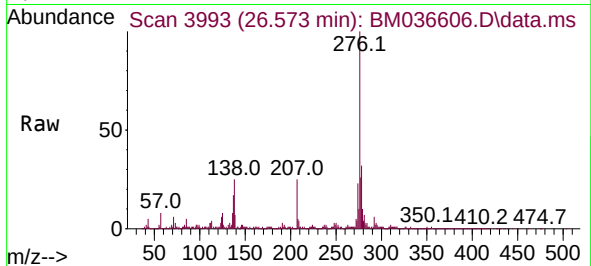
Tgt Ion:276 Resp: 2631112
Ion Ratio Lower Upper
276 100
138 24.1 20.2 30.4
277 25.4 19.7 29.5





#95
Dibenzo(a,h)anthracene
Concen: 8.581 ng/ul
RT: 26.573 min Scan# 3991
Delta R.T. -0.000 min
Lab File: BM036606.D
Acq: 20 Sep 2022 07:24

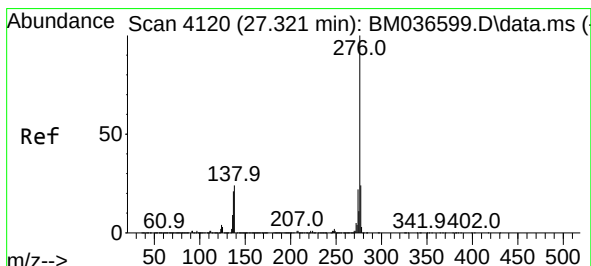
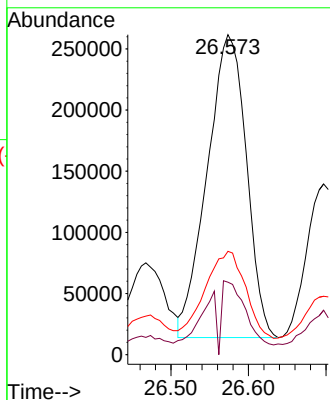
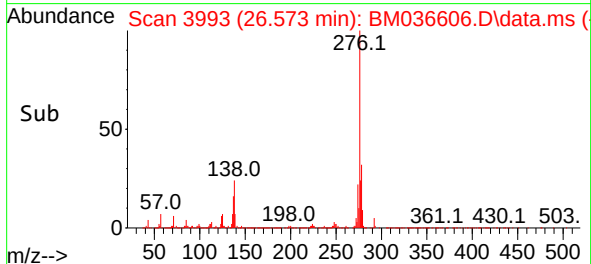
Instrument :
BNA_M
ClientSampleId :
A5778



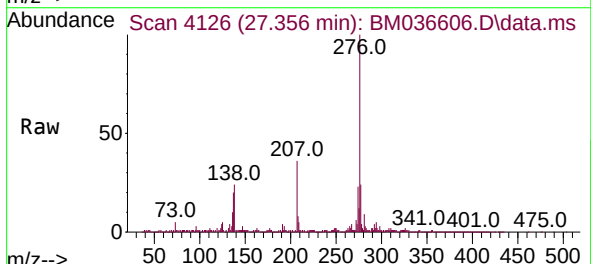
Tgt Ion:278 Resp: 871274
Ion Ratio Lower Upper
278 100
139 22.6 14.5 21.7
279 32.3 19.7 29.5

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 19.823 ng/ul
RT: 27.356 min Scan# 4126
Delta R.T. 0.023 min
Lab File: BM036606.D
Acq: 20 Sep 2022 07:24



Tgt Ion:276 Resp: 1924132
Ion Ratio Lower Upper
276 100
138 24.3 18.7 28.1
277 23.9 19.2 28.8

