

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037902.D
 Acq On : 09 Dec 2022 00:33
 Operator : CG/JU
 Sample : N5726-07 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXN9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
 Supervised By :mohammad ahmed 12/10/2022

Quant Time: Dec 09 01:51:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 01:49:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.086	152	307998	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	1243805	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.715	164	716940	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	1440324	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	1019863	20.000	ng/u1	0.00
88) Perylene-d12	24.109	264	1194308	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	2414m	0.356	ng/uL	0.00
4) Pyridine-d5	3.881	84	20892m	1.038	ng/u1	0.02
7) Phenol-d5	7.239	99	62601	2.501	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	37955	2.490	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	51395	2.503	ng/u1	0.00
15) 4-Methylphenol-d8	8.792	113	48676	2.492	ng/u1	0.00
21) Nitrobenzene-d5	9.251	128	25023	2.541	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.980	143	25018	2.424	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	46656	2.380	ng/u1	0.00
31) 4-Chloroaniline-d4	11.045	131	49032	1.812	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	148921	2.914	ng/u1	-0.01
49) Acenaphthylene-d8	14.410	160	165659	2.652	ng/u1	0.00
54) 4-Nitrophenol-d4	14.915	143	15101m	1.734	ng/u1	0.00
60) Fluorene-d10	15.698	176	133303	2.927	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	12166	1.580	ng/u1	0.00
73) Anthracene-d10	17.551	188	212307	3.158	ng/u1	0.00
81) Pyrene-d10	19.833	212	207473	3.387	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.944	264	176505	2.959	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.957	128	132854	1.979	ng/u1	99
50) Acenaphthylene	14.439	152	254463	3.704	ng/u1	98
52) Acenaphthene	14.774	153	316110	6.653	ng/u1	100
61) Fluorene	15.757	166	430550	8.139	ng/u1	99
71) Pentachlorophenol	17.104	266	14073m	1.343	ng/u1	
72) Phenanthrene	17.498	178	1701378	21.631	ng/u1	100
74) Anthracene	17.592	178	5517768	69.029	ng/u1	99
80) Fluoranthene	19.503	202	3224543	44.598	ng/u1	100
82) Pyrene	19.868	202	7609216	101.122	ng/u1	98
85) Benzo(a)anthracene	21.603	228	932129	13.576	ng/u1	96
87) Chrysene	21.662	228	2020859m	31.370	ng/u1	
90) Benzo(b)fluoranthene	23.350	252	3755157	50.716	ng/u1	98
91) Benzo(k)fluoranthene	23.391	252	752597m	10.488	ng/u1	
93) Benzo(a)pyrene	23.997	252	1622578	24.920	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.703	276	936161	11.164	ng/u1	95
95) Dibenzo(a,h)anthracene	26.703	278	245763m	3.476	ng/u1	
96) Benzo(g,h,i)perylene	27.503	276	669243	9.996	ng/u1	98

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

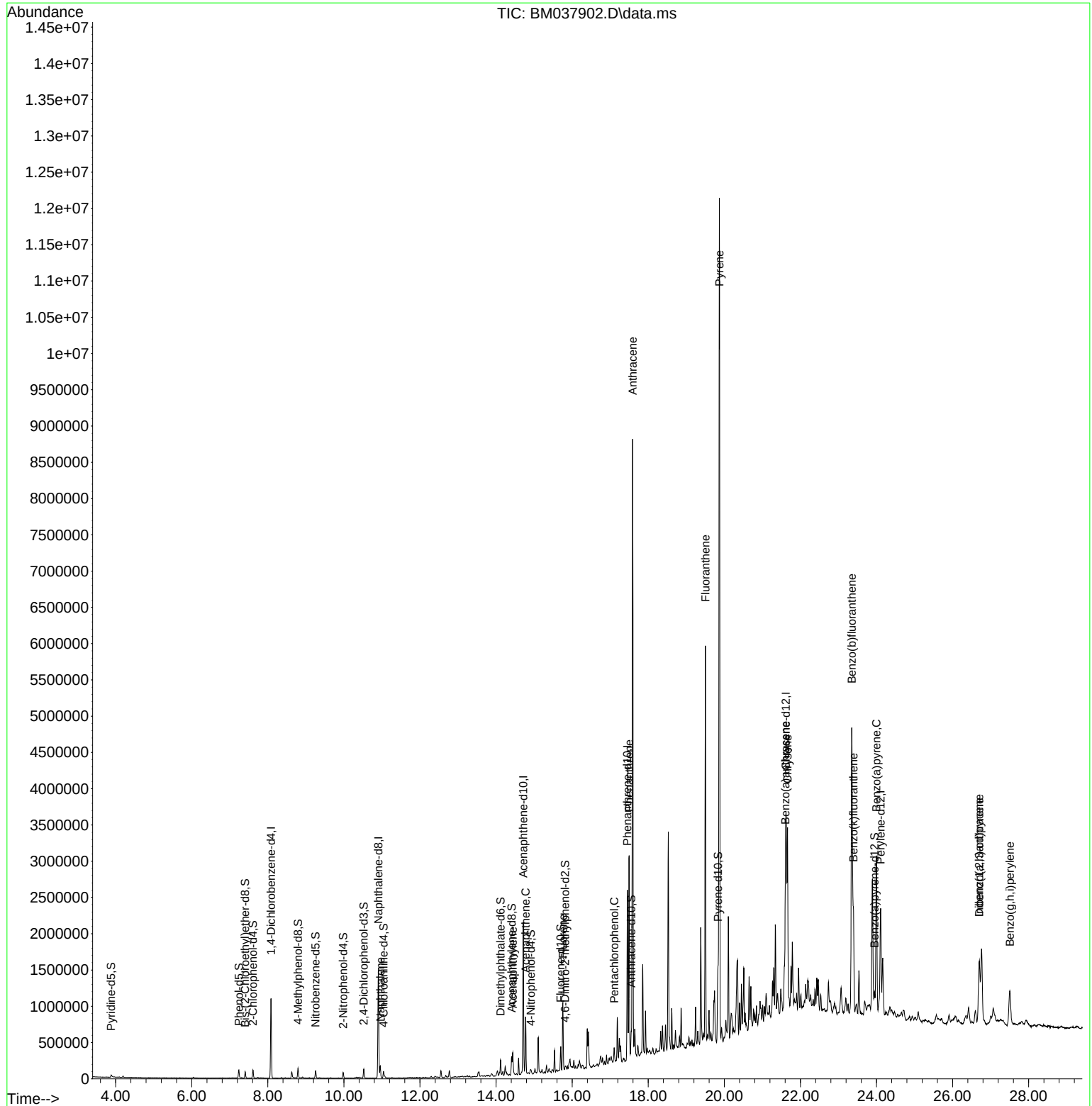
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037902.D
 Acq On : 09 Dec 2022 00:33
 Operator : CG/JU
 Sample : N5726-07 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

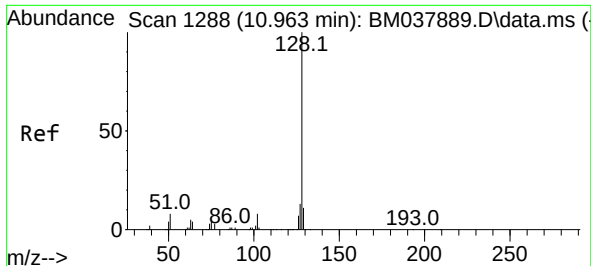
Instrument :
 BNA_M
 ClientSampleId :
 DBXN9

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
 Supervised By :mohammad ahmed 12/10/2022

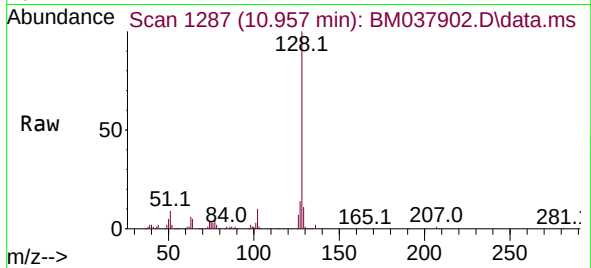
Quant Time: Dec 09 01:51:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 01:49:06 2022
 Response via : Initial Calibration





#30
Naphthalene
Concen: 1.979 ng/ul
RT: 10.957 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM037902.D
Acq: 09 Dec 2022 00:33

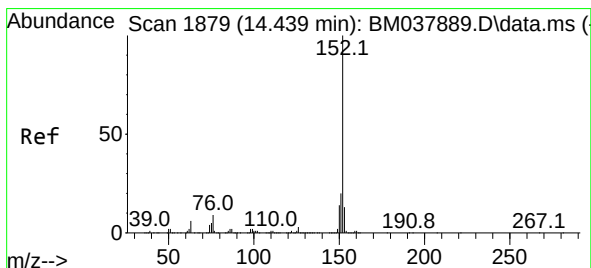
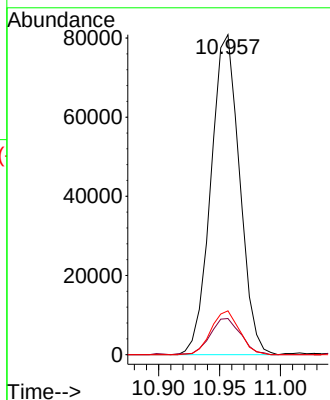
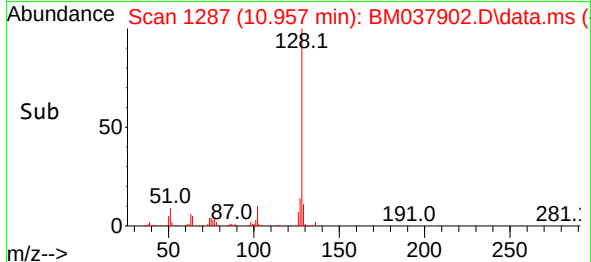
Instrument :
BNA_M
ClientSampleId :
DBXN9



Tgt Ion:128 Resp: 132854
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.7 10.4 15.6

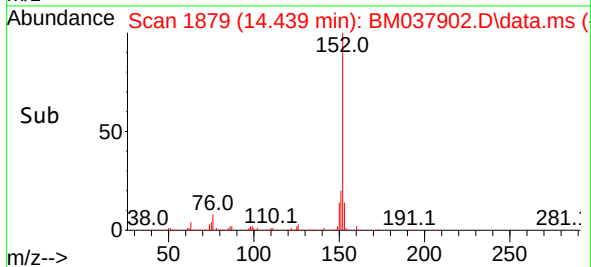
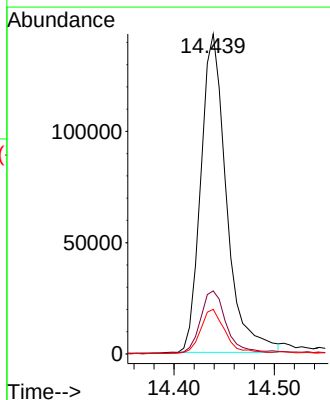
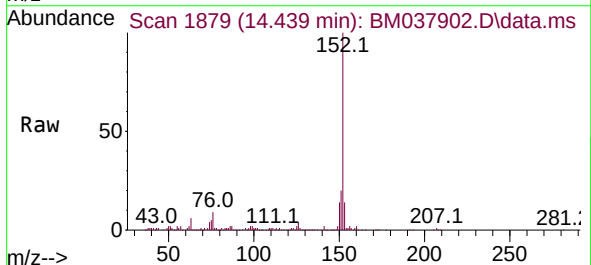
Manual Integrations
APPROVED

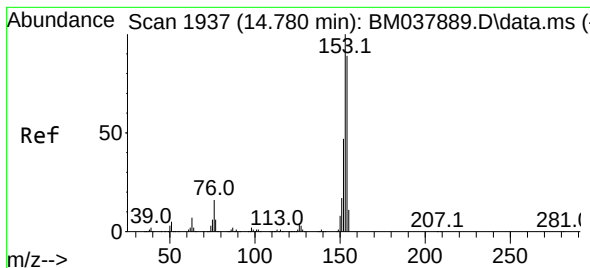
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#50
Acenaphthylene
Concen: 3.704 ng/ul
RT: 14.439 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BM037902.D
Acq: 09 Dec 2022 00:33

Tgt Ion:152 Resp: 254463
Ion Ratio Lower Upper
152 100
151 19.7 15.3 22.9
153 13.9 10.2 15.4





#52

Acenaphthene

Concen: 6.653 ng/ul

RT: 14.774 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BM037902.D

Acq: 09 Dec 2022 00:33

Instrument :

BNA_M

ClientSampleId :

DBXN9

Tgt Ion:153 Resp: 316110

Ion Ratio Lower Upper

153 100

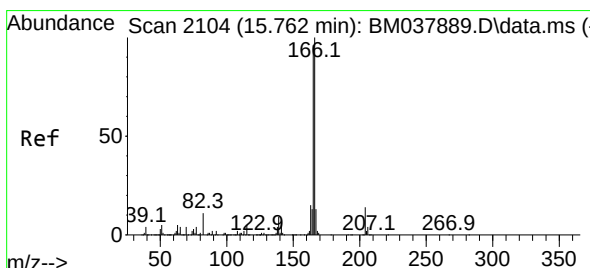
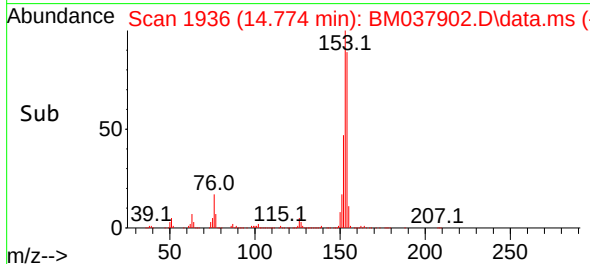
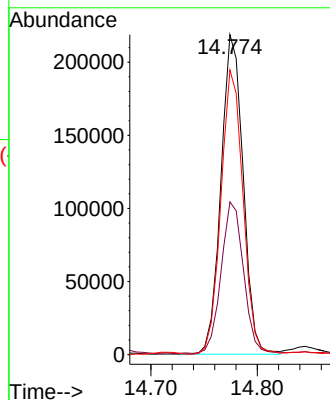
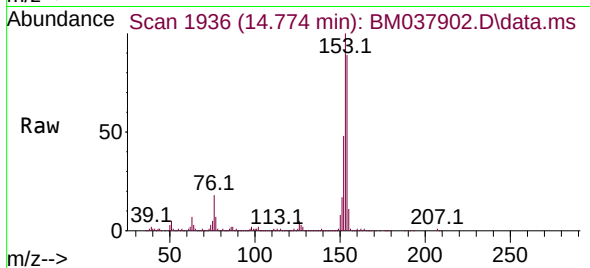
152 47.7 38.2 57.4

154 88.9 71.4 107.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#61

Fluorene

Concen: 8.139 ng/ul

RT: 15.757 min Scan# 2103

Delta R.T. -0.006 min

Lab File: BM037902.D

Acq: 09 Dec 2022 00:33

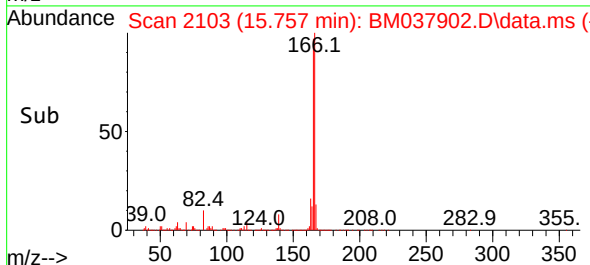
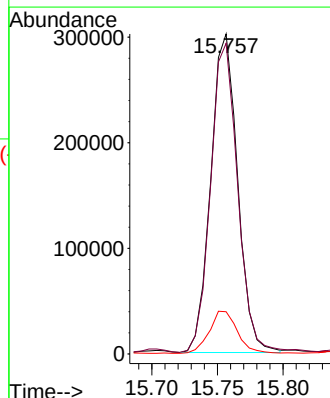
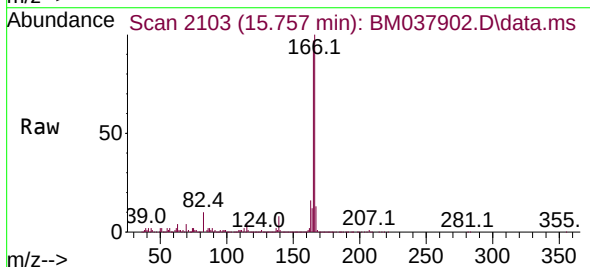
Tgt Ion:166 Resp: 430550

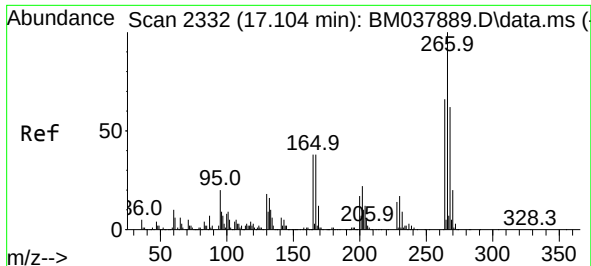
Ion Ratio Lower Upper

166 100

165 97.1 77.2 115.8

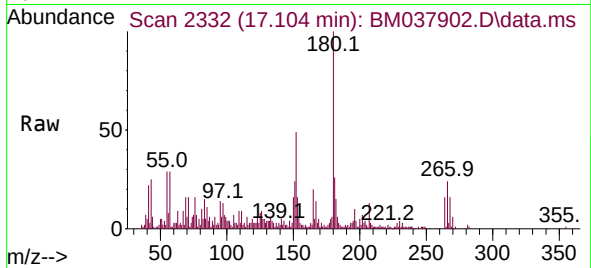
167 13.2 10.4 15.6





#71
 Pentachlorophenol
 Concen: 1.343 ng/ul m
 RT: 17.104 min Scan# 2332
 Delta R.T. -0.000 min
 Lab File: BM037902.D
 Acq: 09 Dec 2022 00:33

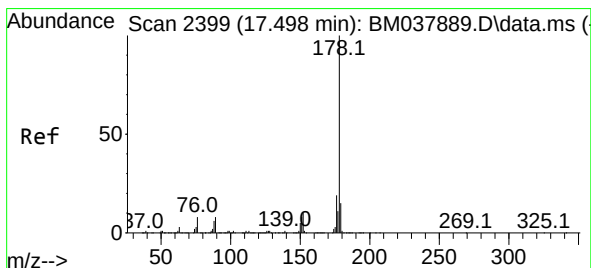
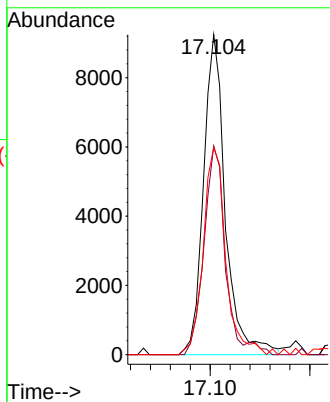
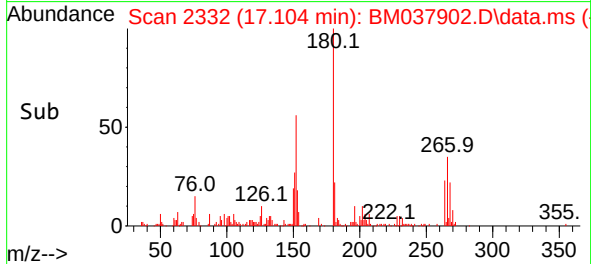
Instrument :
 BNA_M
 ClientSampleId :
 DBXN9



Tgt Ion:266 Resp: 14073
 Ion Ratio Lower Upper
 266 100
 264 65.2 50.1 75.1
 268 64.7 50.6 75.8

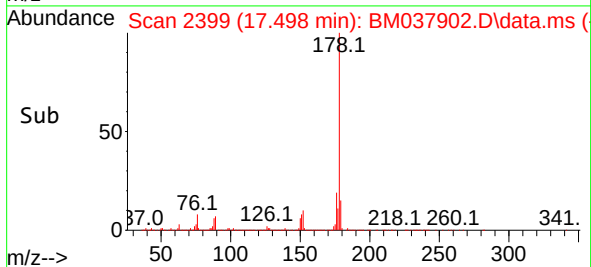
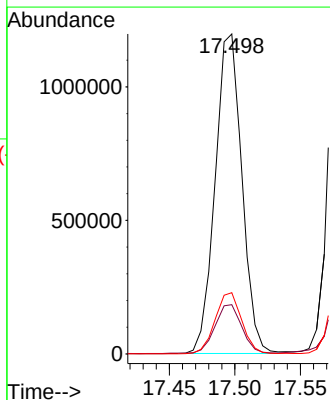
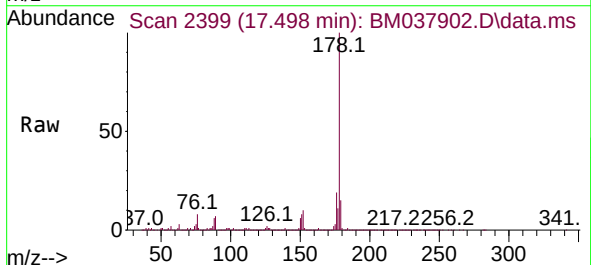
Manual Integrations
 APPROVED

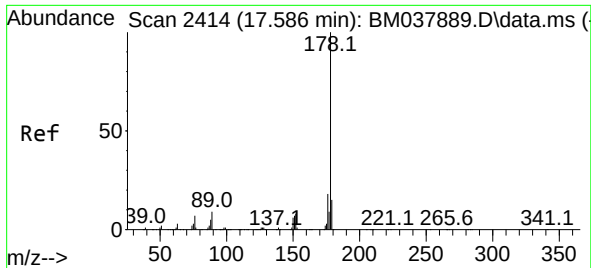
Reviewed By :Jagrut Upadhyay 12/09/2022
 Supervised By :mohammad ahmed 12/10/2022



#72
 Phenanthrene
 Concen: 21.631 ng/ul
 RT: 17.498 min Scan# 2399
 Delta R.T. -0.000 min
 Lab File: BM037902.D
 Acq: 09 Dec 2022 00:33

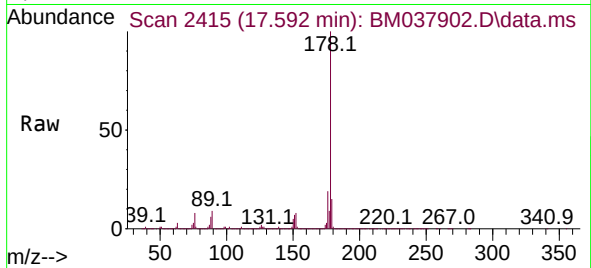
Tgt Ion:178 Resp: 1701378
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.2 18.2
 176 19.1 15.4 23.0





#74
 Anthracene
 Concen: 69.029 ng/ul
 RT: 17.592 min Scan# 2415
 Delta R.T. -0.000 min
 Lab File: BM037902.D
 Acq: 09 Dec 2022 00:33

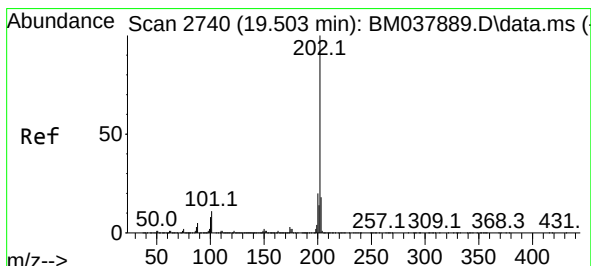
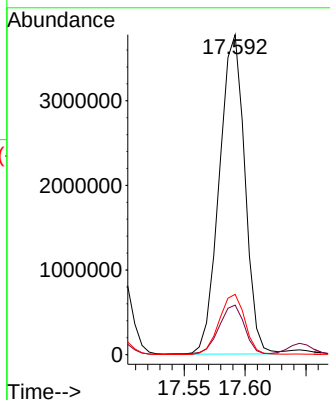
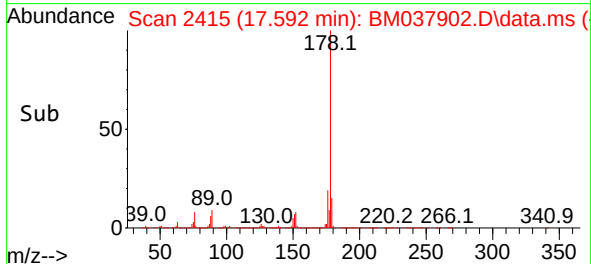
Instrument :
 BNA_M
 ClientSampleId :
 DBXN9



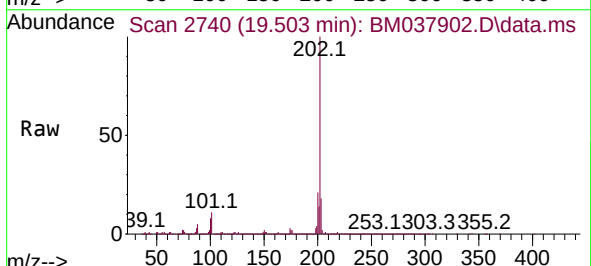
Tgt Ion:178 Resp: 5517768
 Ion Ratio Lower Upper
 178 100
 179 15.5 11.8 17.8
 176 18.8 15.0 22.6

Manual Integrations
 APPROVED

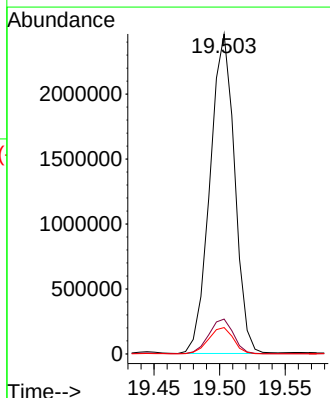
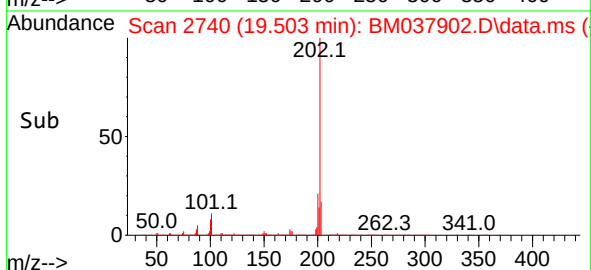
Reviewed By :Jagrut Upadhyay 12/09/2022
 Supervised By :mohammad ahmed 12/10/2022

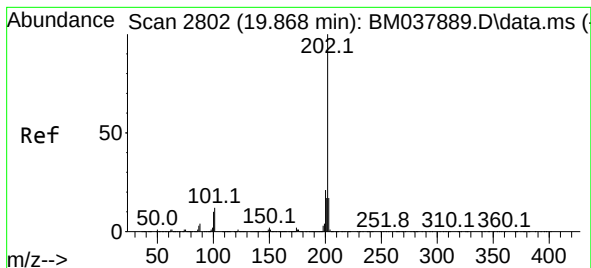


#80
 Fluoranthene
 Concen: 44.598 ng/ul
 RT: 19.503 min Scan# 2740
 Delta R.T. -0.000 min
 Lab File: BM037902.D
 Acq: 09 Dec 2022 00:33



Tgt Ion:202 Resp: 3224543
 Ion Ratio Lower Upper
 202 100
 101 10.9 8.6 13.0
 100 8.2 6.6 10.0





#82

Pyrene

Concen: 101.122 ng/ul

RT: 19.868 min Scan# 2802

Delta R.T. -0.000 min

Lab File: BM037902.D

Acq: 09 Dec 2022 00:33

Instrument :

BNA_M

ClientSampleId :

DBXN9

Tgt Ion:202 Resp: 7609216

Ion Ratio Lower Upper

202 100

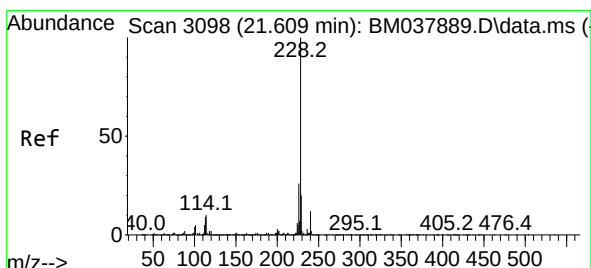
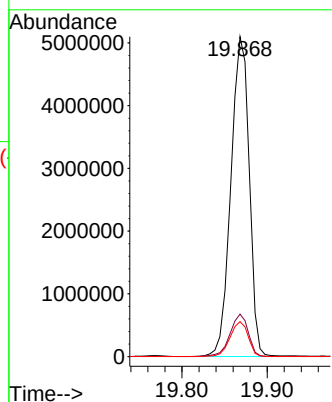
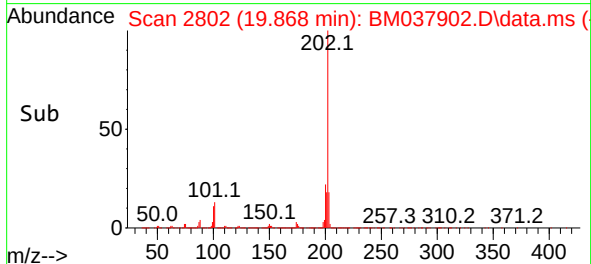
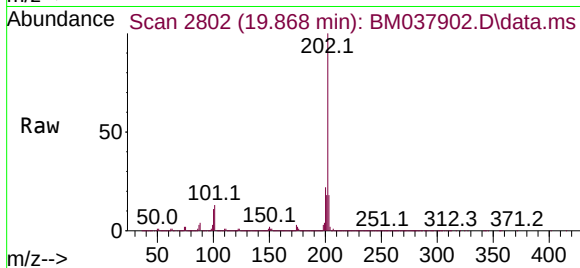
101 13.3 10.0 15.0

100 10.9 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#85

Benzo(a)anthracene

Concen: 13.576 ng/ul

RT: 21.603 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BM037902.D

Acq: 09 Dec 2022 00:33

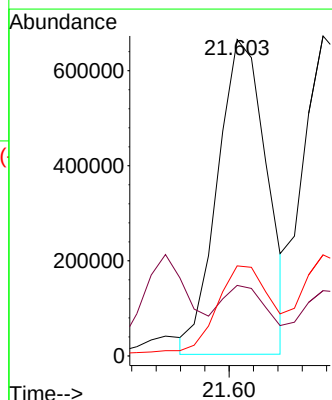
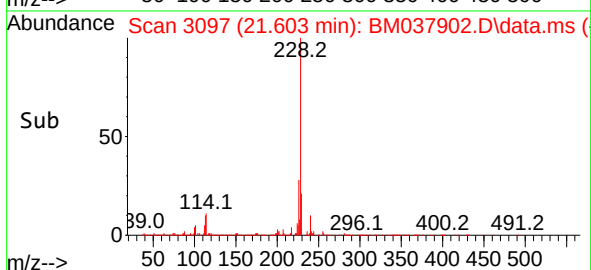
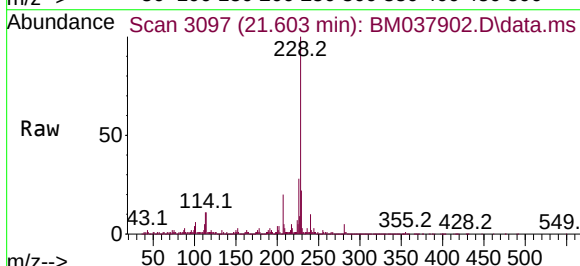
Tgt Ion:228 Resp: 932129

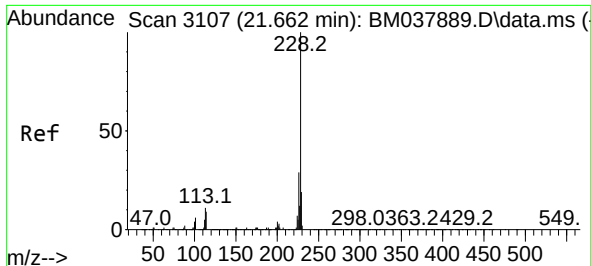
Ion Ratio Lower Upper

228 100

229 22.3 15.5 23.3

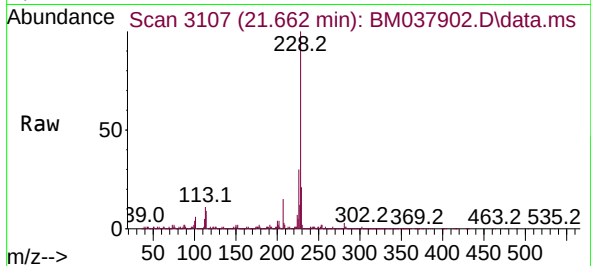
226 28.5 21.8 32.8





#87
Chrysene
Concen: 31.370 ng/ul m
RT: 21.662 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BM037902.D
Acq: 09 Dec 2022 00:33

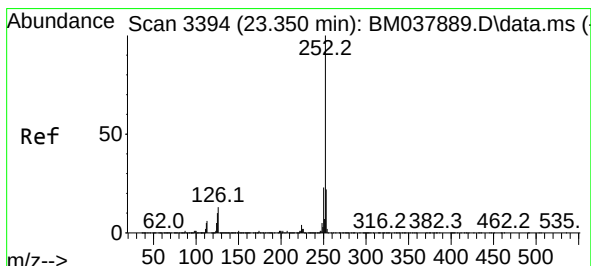
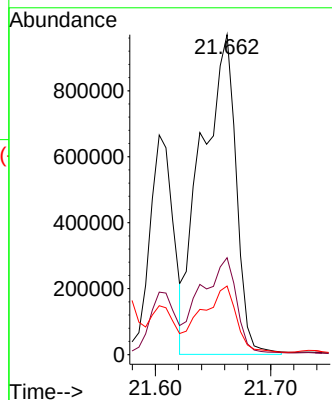
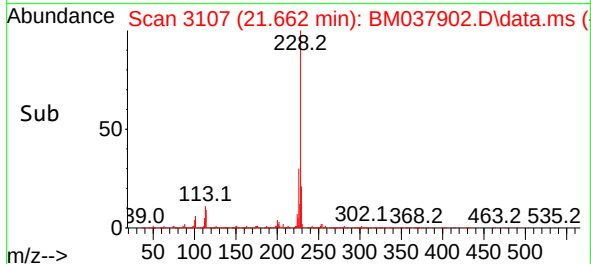
Instrument :
BNA_M
ClientSampleId :
DBXN9



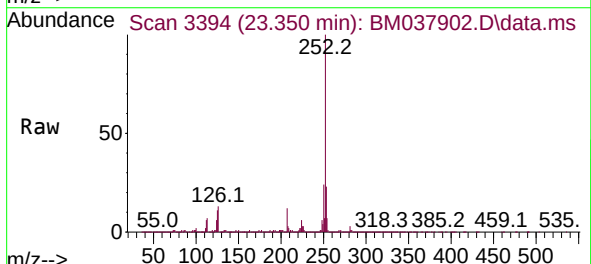
Tgt Ion:228 Resp: 2020859
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 21.4 15.6 23.4

Manual Integrations
APPROVED

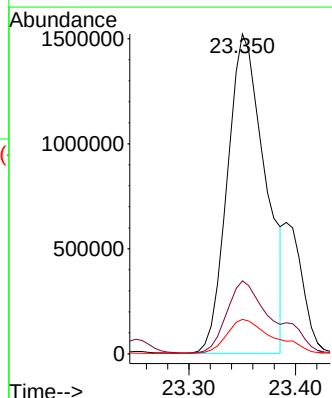
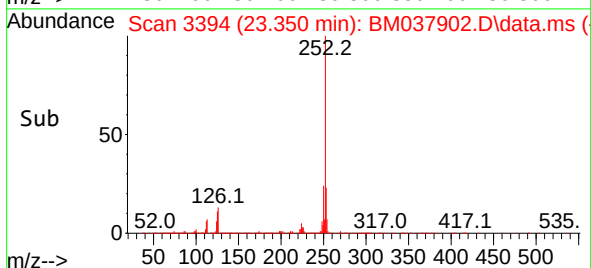
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

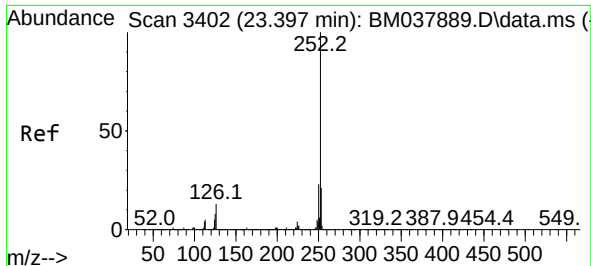


#90
Benzo(b)fluoranthene
Concen: 50.716 ng/ul
RT: 23.350 min Scan# 3394
Delta R.T. 0.006 min
Lab File: BM037902.D
Acq: 09 Dec 2022 00:33



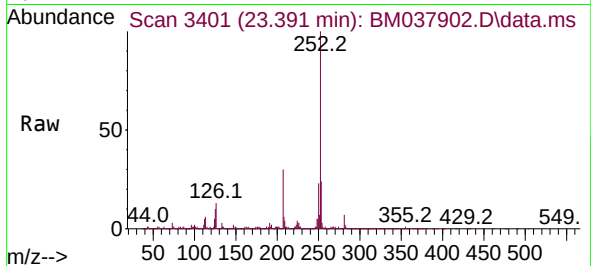
Tgt Ion:252 Resp: 3755157
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 10.8 8.0 12.0





#91
Benzo(k)fluoranthene
Concen: 10.488 ng/ul m
RT: 23.391 min Scan# 3402
Delta R.T. -0.006 min
Lab File: BM037902.D
Acq: 09 Dec 2022 00:33

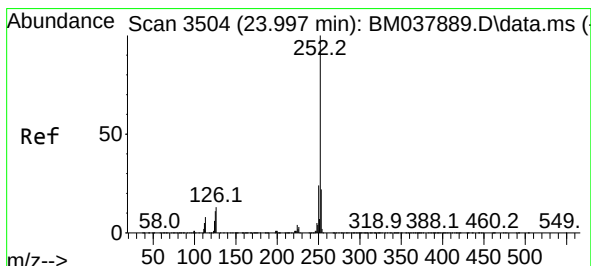
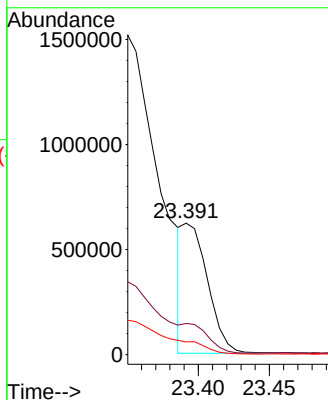
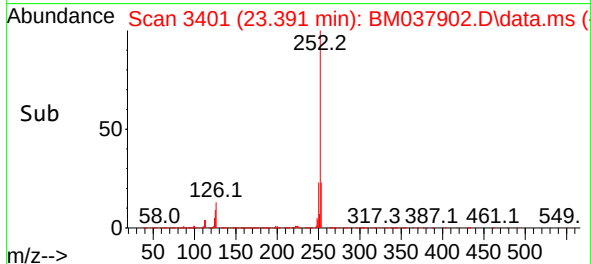
Instrument :
BNA_M
ClientSampleId :
DBXN9



Tgt Ion:252 Resp: 752597
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 9.7 8.1 12.1

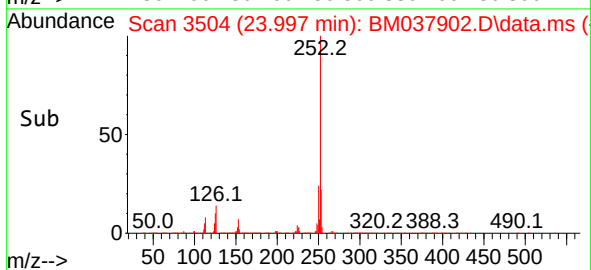
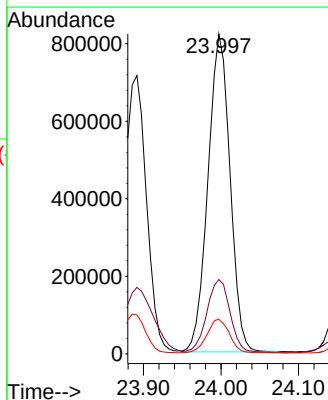
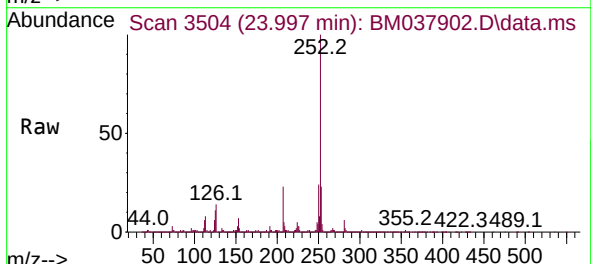
Manual Integrations
APPROVED

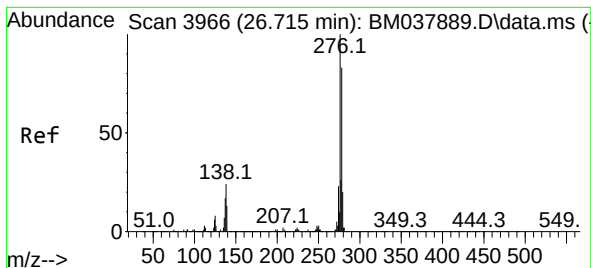
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#93
Benzo(a)pyrene
Concen: 24.920 ng/ul
RT: 23.997 min Scan# 3504
Delta R.T. -0.000 min
Lab File: BM037902.D
Acq: 09 Dec 2022 00:33

Tgt Ion:252 Resp: 1622578
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 10.8 9.4 14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 11.164 ng/ul

RT: 26.703 min Scan# 3964

Delta R.T. -0.006 min

Lab File: BM037902.D

Acq: 09 Dec 2022 00:33

Instrument :

BNA_M

ClientSampleId :

DBXN9

Tgt Ion:276 Resp: 936163

Ion Ratio Lower Upper

276 100

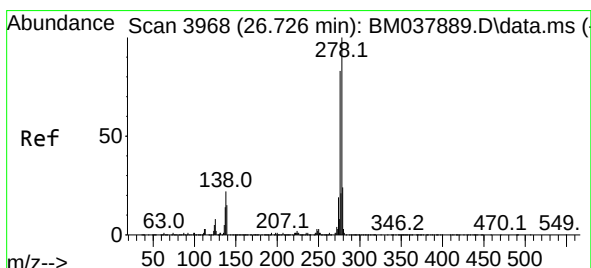
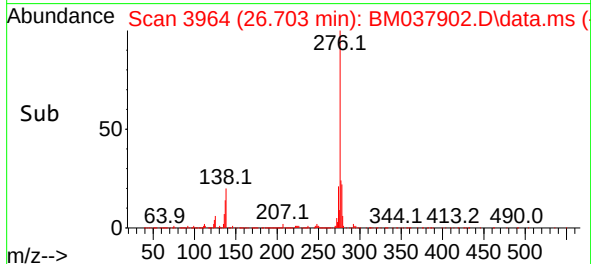
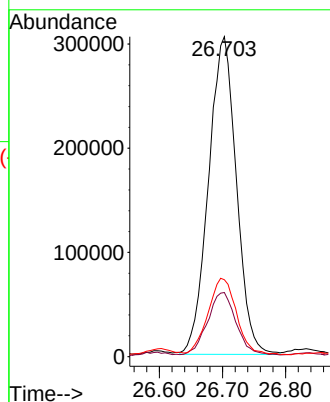
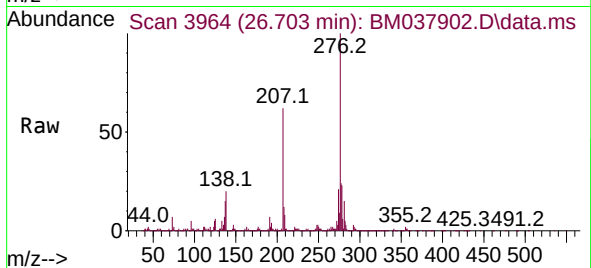
138 20.0 19.3 28.9

277 24.0 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#95

Dibenzo(a,h)anthracene

Concen: 3.476 ng/ul m

RT: 26.703 min Scan# 3964

Delta R.T. -0.024 min

Lab File: BM037902.D

Acq: 09 Dec 2022 00:33

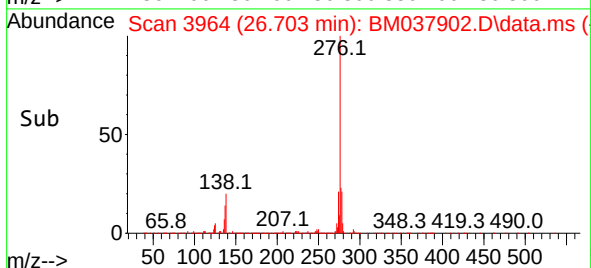
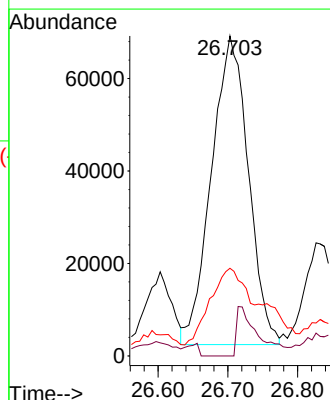
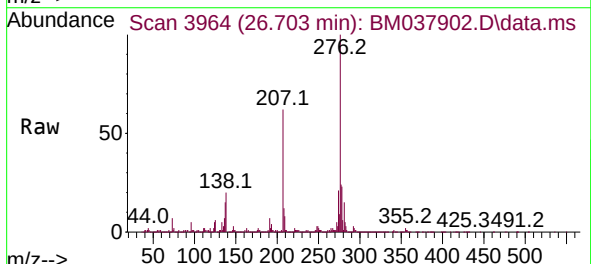
Tgt Ion:278 Resp: 245763

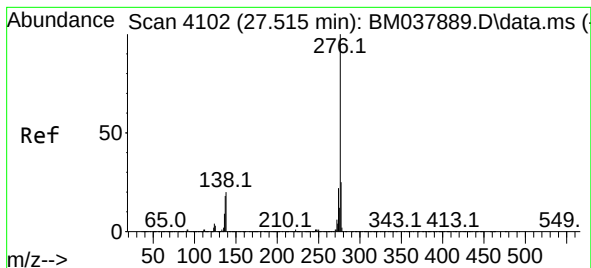
Ion Ratio Lower Upper

278 100

139 0.0 12.4 18.6#

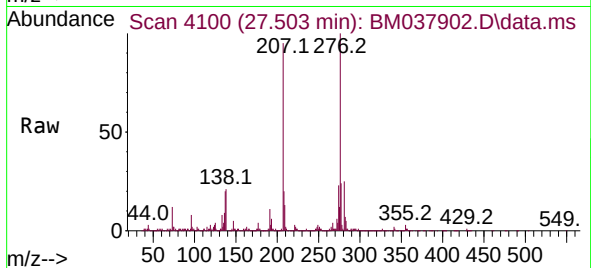
279 27.4 19.8 29.6





#96
Benzo(g,h,i)perylene
Concen: 9.996 ng/ul
RT: 27.503 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM037902.D
Acq: 09 Dec 2022 00:33

Instrument :
BNA_M
ClientSampleId :
DBXN9



Tgt Ion:276 Resp: 669243
Ion Ratio Lower Upper
276 100
138 20.5 17.1 25.7
277 24.0 18.2 27.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

