

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
 Data File : BM035968.D
 Acq On : 28 Jul 2022 02:19
 Operator : CG/JU
 Sample : N3741-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0B36

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/28/2022
 Supervised By :mohammad ahmed 07/29/2022

Quant Time: Jul 28 03:13:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 27 23:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	363232	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	1555170	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	884880	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	1632242	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	1316930	20.000	ng/u1	0.00
88) Perylene-d12	23.809	264	1353025	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	28243	2.926	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.051	99	568419	18.661	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	372495	18.344	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	502033	19.856	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	361289	14.641	ng/u1	0.00
21) Nitrobenzene-d5	9.051	128	256472	20.812	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	266220	22.173	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	438369	20.188	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	447524	12.174	ng/u1	0.00
46) Dimethylphthalate-d6	13.933	166	1330788	22.078	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	1714671	22.296	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	158138	12.776	ng/u1	0.00
60) Fluorene-d10	15.510	176	1160003	21.297	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	114035	12.997	ng/u1	0.00
73) Anthracene-d10	17.357	188	1575424	21.349	ng/u1	0.00
81) Pyrene-d10	19.651	212	1723263	23.611	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.656	264	1528649	22.254	ng/u1	0.00
Target Compounds					Qvalue	
52) Acenaphthene	14.580	153	65725	1.191	ng/u1	99
72) Phenanthrene	17.304	178	1140755	13.040	ng/u1	99
74) Anthracene	17.392	178	180987	2.062	ng/u1	98
77) Carbazole	17.663	167	142920	1.763	ng/u1	99
80) Fluoranthene	19.315	202	1657519	19.008	ng/u1	97
82) Pyrene	19.680	202	1850313	20.586	ng/u1	95
85) Benzo(a)anthracene	21.421	228	771872	9.312	ng/u1	99
87) Chrysene	21.474	228	996892	12.326	ng/u1	99
90) Benzo(b)fluoranthene	23.086	252	999470	11.069	ng/u1	99
91) Benzo(k)fluoranthene	23.127	252	407118m	4.751	ng/u1	
93) Benzo(a)pyrene	23.703	252	879285	10.223	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.274	276	574837	6.270	ng/u1#	91
95) Dibenzo(a,h)anthracene	26.285	278	158629	2.017	ng/u1	94
96) Benzo(g,h,i)perylene	27.038	276	467091	6.148	ng/u1	95

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

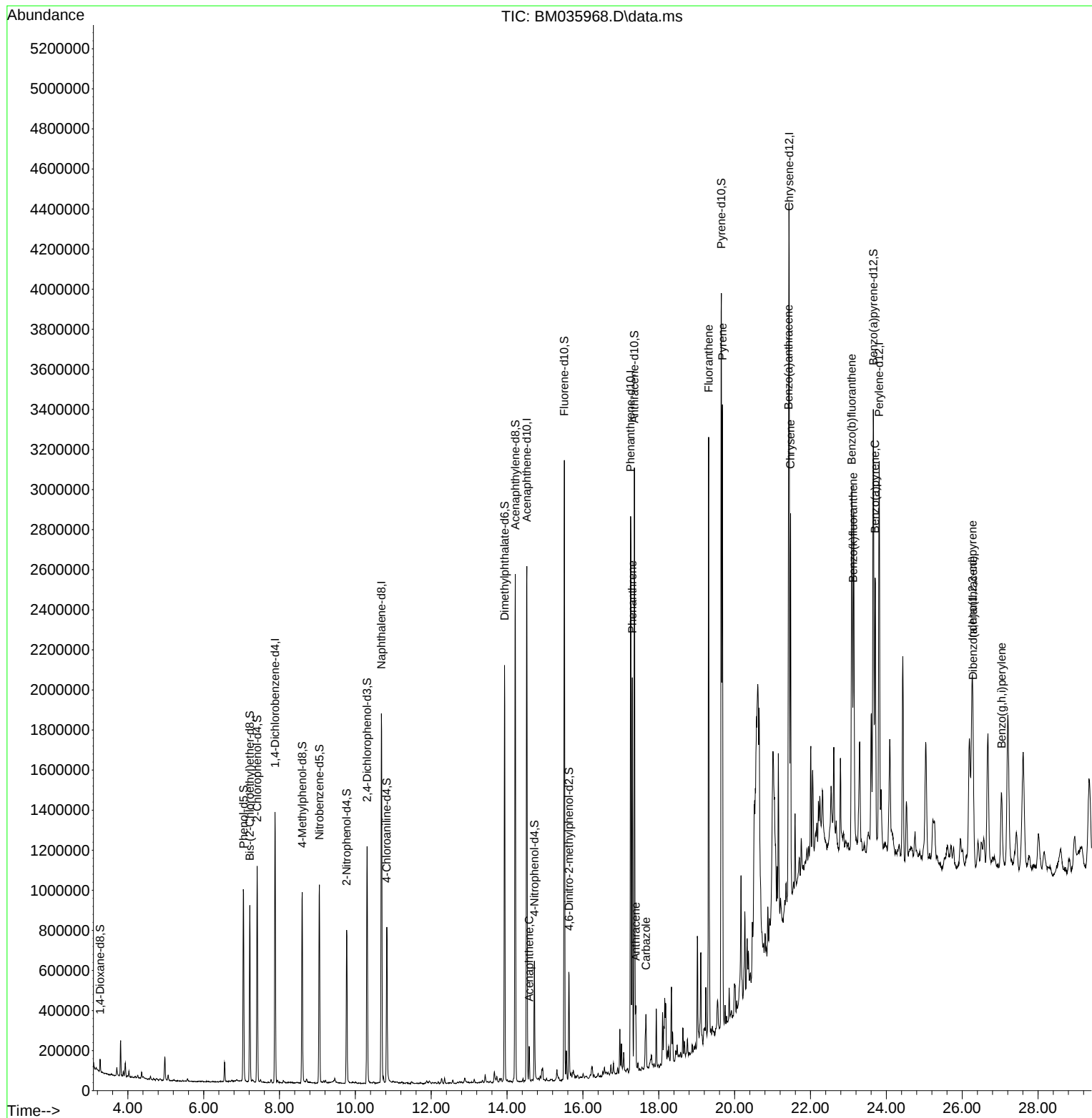
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
Data File : BM035968.D
Acq On : 28 Jul 2022 02:19
Operator : CG/JU
Sample : N3741-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

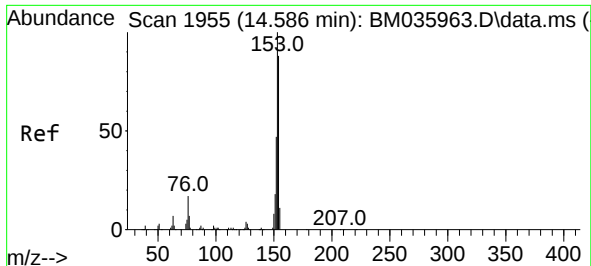
Instrument :
BNA_M
ClientSampleId :
H0B36

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/29/2022

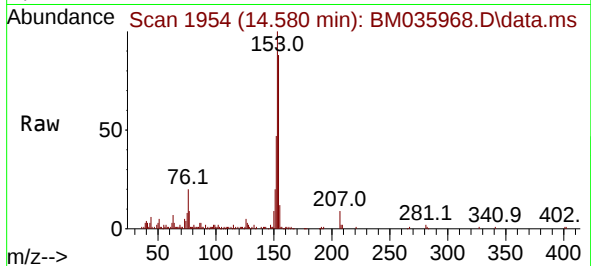
Quant Time: Jul 28 03:13:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 27 23:55:50 2022
Response via : Initial Calibration





#52
Acenaphthene
Concen: 1.191 ng/ul
RT: 14.580 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM035968.D
Acq: 28 Jul 2022 02:19

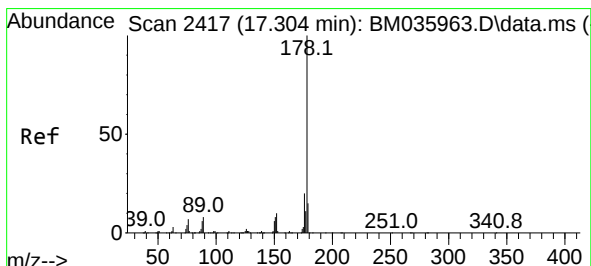
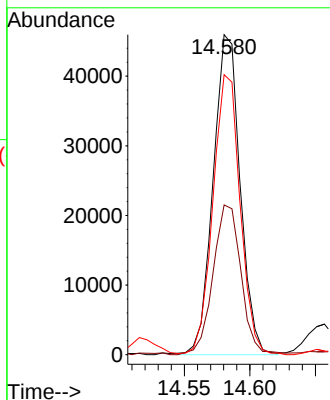
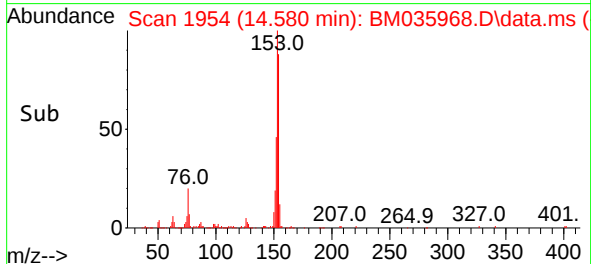
Instrument :
BNA_M
ClientSampleId :
H0B36



Tgt Ion:153 Resp: 65725
Ion Ratio Lower Upper
153 100
152 46.8 37.1 55.7
154 87.5 71.3 106.9

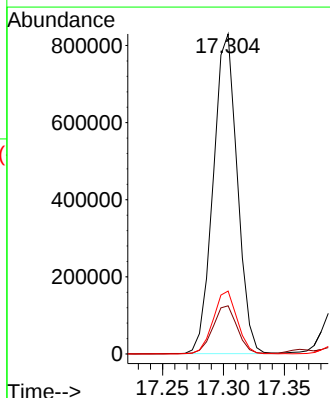
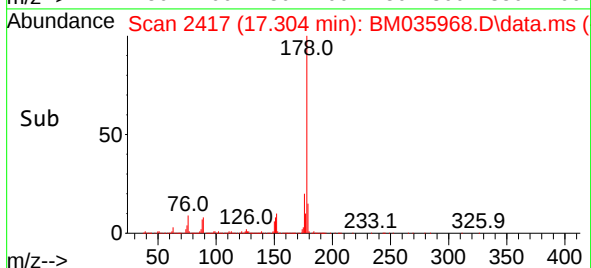
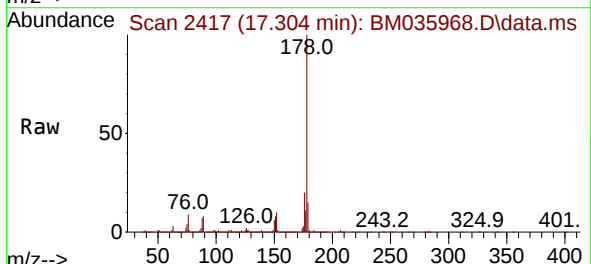
Manual Integrations
APPROVED

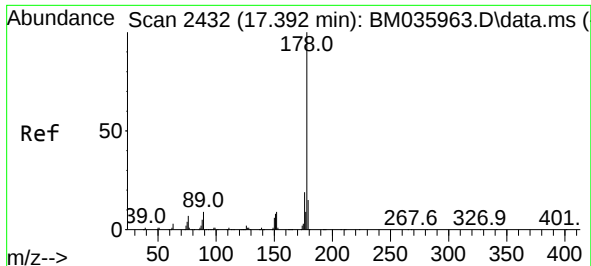
Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/29/2022



#72
Phenanthrene
Concen: 13.040 ng/ul
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM035968.D
Acq: 28 Jul 2022 02:19

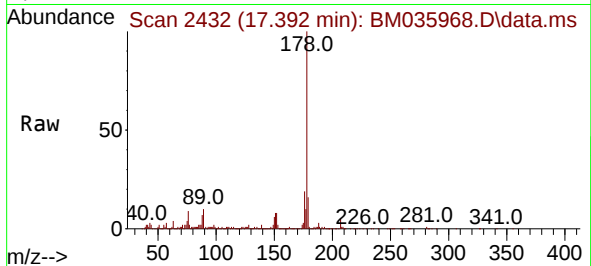
Tgt Ion:178 Resp: 1140755
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.2
176 19.7 14.9 22.3





#74
 Anthracene
 Concen: 2.062 ng/u1
 RT: 17.392 min Scan# 2432
 Delta R.T. 0.000 min
 Lab File: BM035968.D
 Acq: 28 Jul 2022 02:19

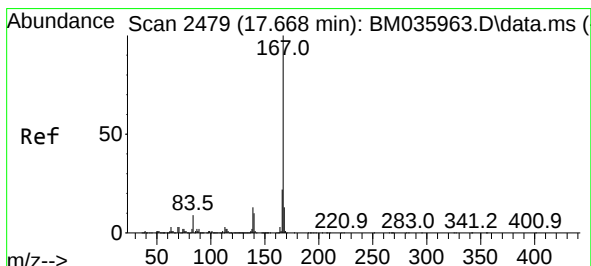
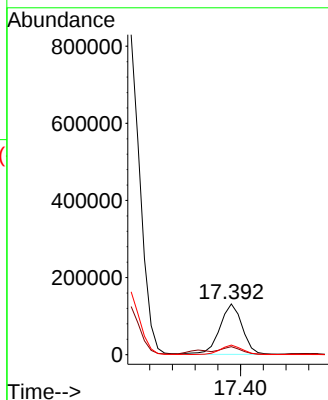
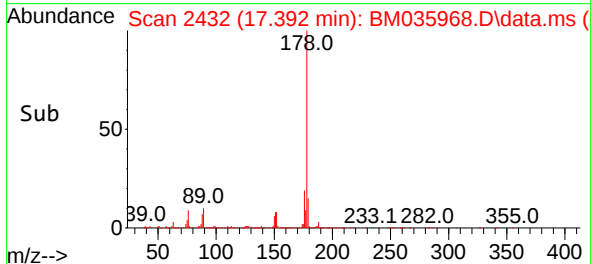
Instrument :
 BNA_M
 ClientSampleId :
 H0B36



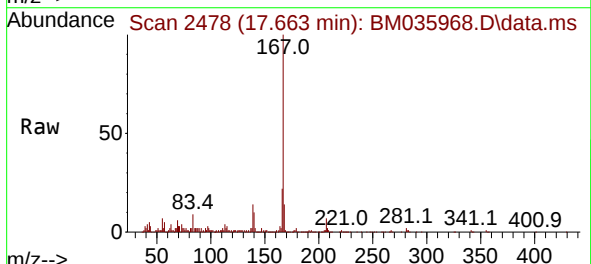
Tgt Ion:178 Resp: 18098
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.2 18.2
 176 18.9 14.4 21.6

Manual Integrations
 APPROVED

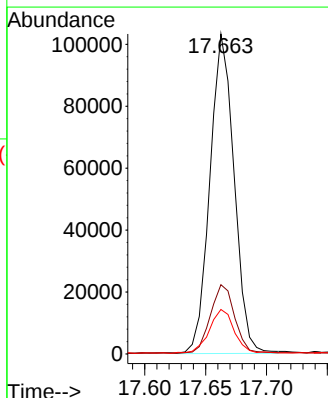
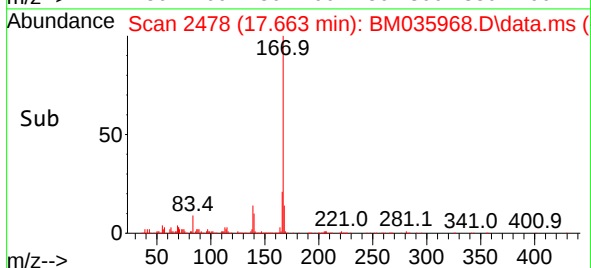
Reviewed By :Jagrut Upadhyay 07/28/2022
 Supervised By :mohammad ahmed 07/29/2022

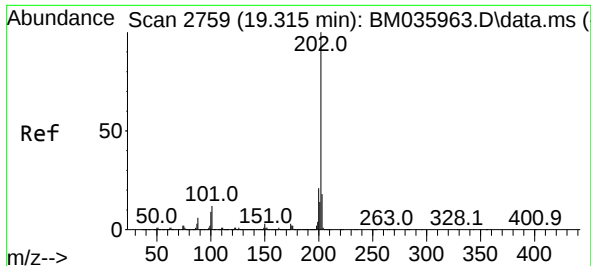


#77
 Carbazole
 Concen: 1.763 ng/u1
 RT: 17.663 min Scan# 2478
 Delta R.T. -0.006 min
 Lab File: BM035968.D
 Acq: 28 Jul 2022 02:19



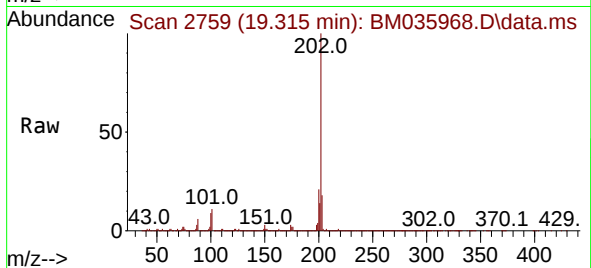
Tgt Ion:167 Resp: 142920
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.9 10.1 15.1





#80
Fluoranthene
Concen: 19.008 ng/u1
RT: 19.315 min Scan# 2759
Delta R.T. 0.000 min
Lab File: BM035968.D
Acq: 28 Jul 2022 02:19

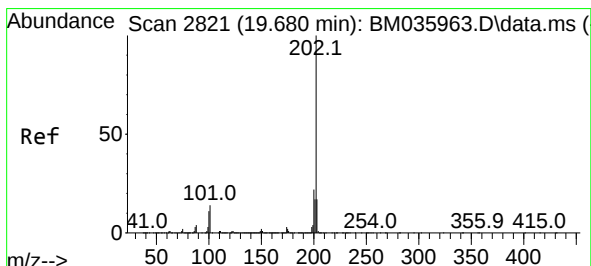
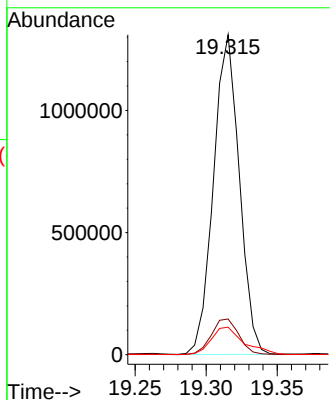
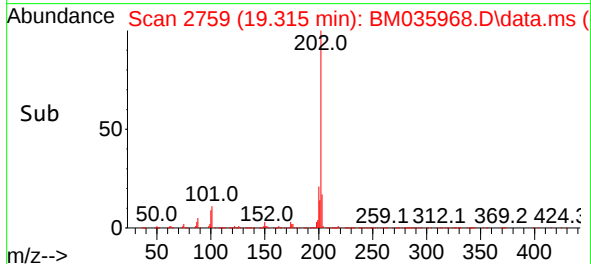
Instrument :
BNA_M
ClientSampleId :
H0B36



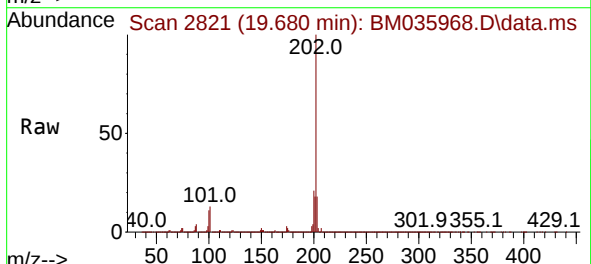
Tgt Ion:202 Resp: 1657519
Ion Ratio Lower Upper
202 100
101 11.2 10.1 15.1
100 8.6 7.8 11.6

Manual Integrations
APPROVED

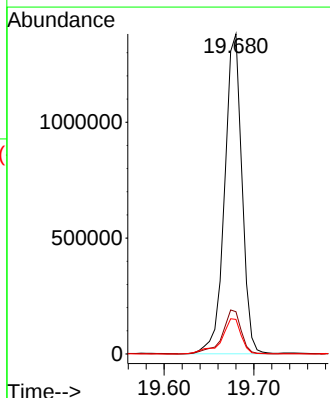
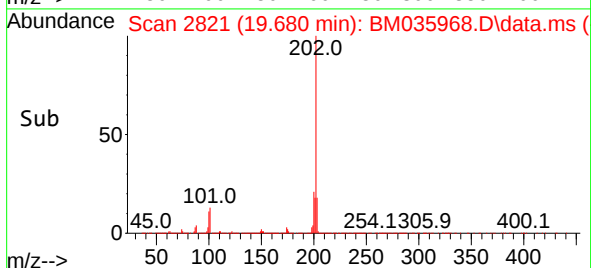
Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/29/2022

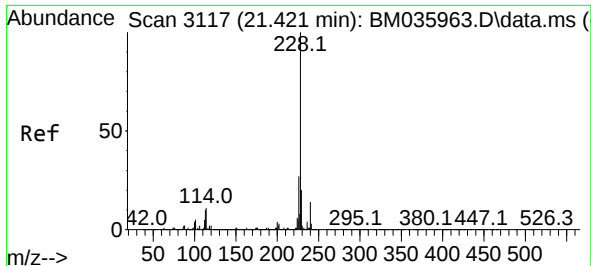


#82
Pyrene
Concen: 20.586 ng/u1
RT: 19.680 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM035968.D
Acq: 28 Jul 2022 02:19



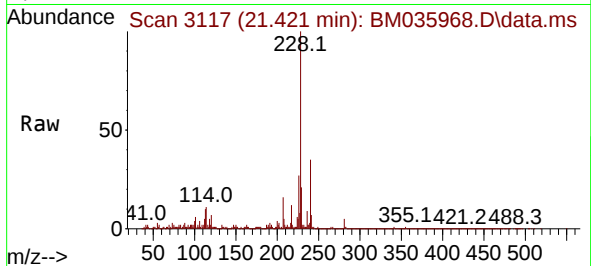
Tgt Ion:202 Resp: 1850313
Ion Ratio Lower Upper
202 100
101 13.2 11.9 17.9
100 10.8 10.2 15.4





#85
Benzo(a)anthracene
Concen: 9.312 ng/ul
RT: 21.421 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BM035968.D
Acq: 28 Jul 2022 02:19

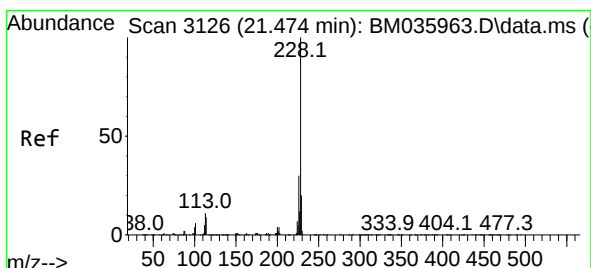
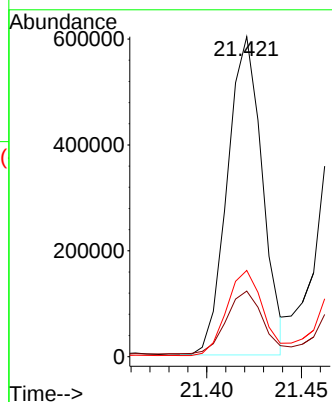
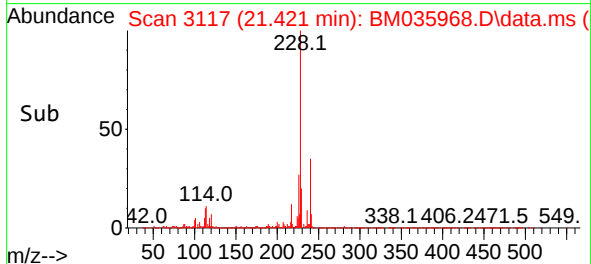
Instrument :
BNA_M
ClientSampleId :
H0B36



Tgt Ion:228 Resp: 771872
Ion Ratio Lower Upper
228 100
229 20.5 15.6 23.4
226 27.0 21.7 32.5

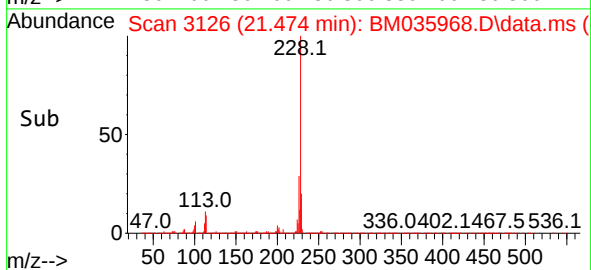
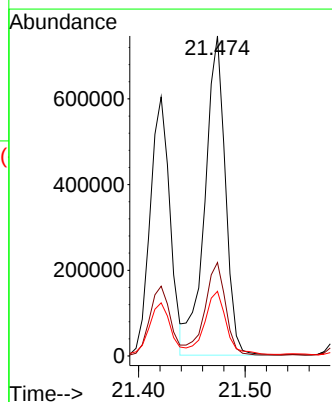
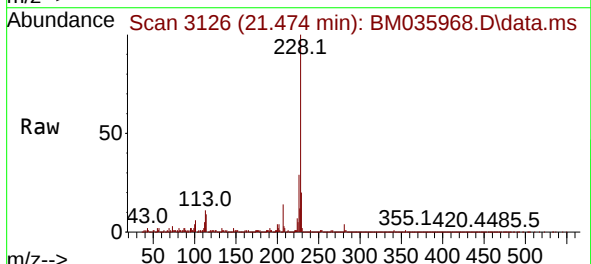
Manual Integrations
APPROVED

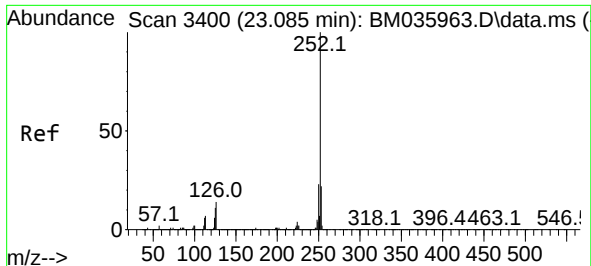
Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/29/2022



#87
Chrysene
Concen: 12.326 ng/ul
RT: 21.474 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BM035968.D
Acq: 28 Jul 2022 02:19

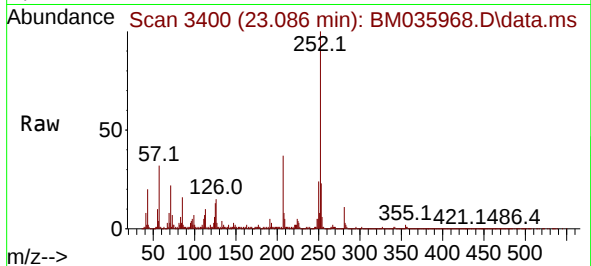
Tgt Ion:228 Resp: 996892
Ion Ratio Lower Upper
228 100
226 29.2 23.7 35.5
229 20.2 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 11.069 ng/ul
RT: 23.086 min Scan# 3400
Delta R.T. 0.000 min
Lab File: BM035968.D
Acq: 28 Jul 2022 02:19

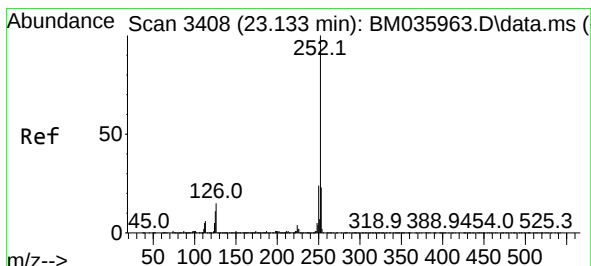
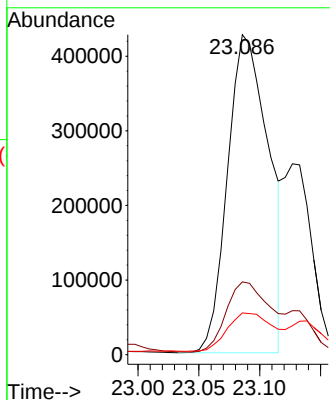
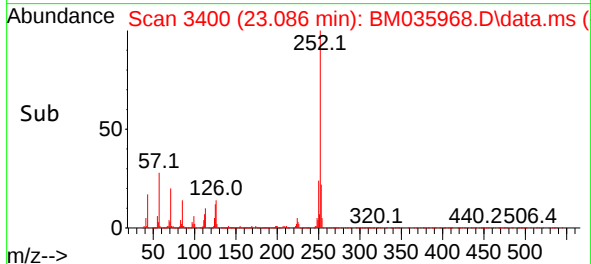
Instrument :
BNA_M
ClientSampleId :
H0B36



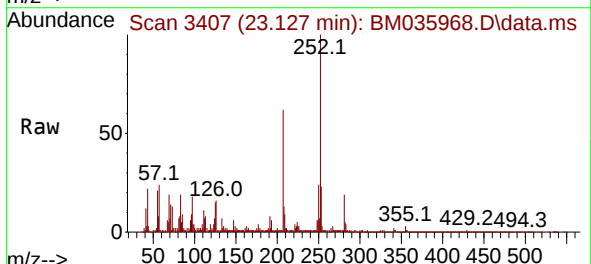
Tgt Ion:252 Resp: 999470
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 13.0 10.7 16.1

Manual Integrations
APPROVED

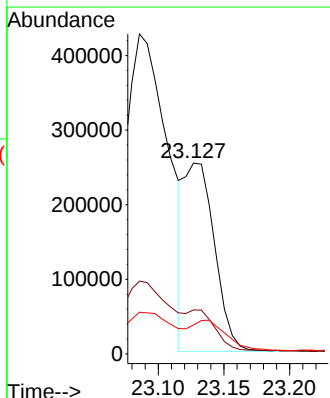
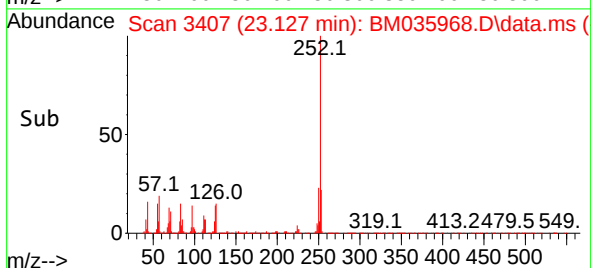
Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/29/2022

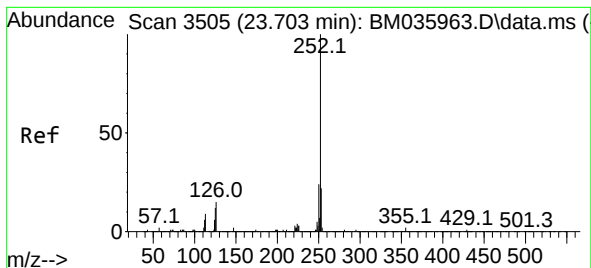


#91
Benzo(k)fluoranthene
Concen: 4.751 ng/ul m
RT: 23.127 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BM035968.D
Acq: 28 Jul 2022 02:19



Tgt Ion:252 Resp: 407118
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 15.2 10.6 15.8





#93

Benzo(a)pyrene

Concen: 10.223 ng/ul

RT: 23.703 min Scan# 3505

Delta R.T. 0.000 min

Lab File: BM035968.D

Acq: 28 Jul 2022 02:19

Instrument :

BNA_M

ClientSampleId :

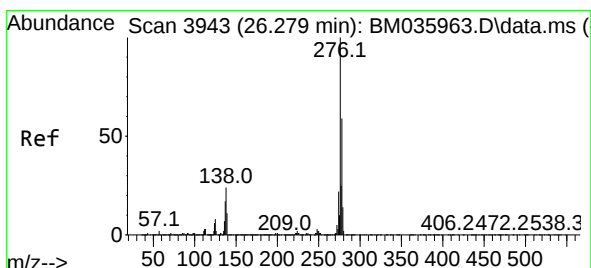
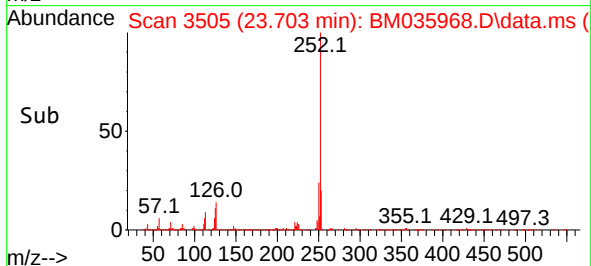
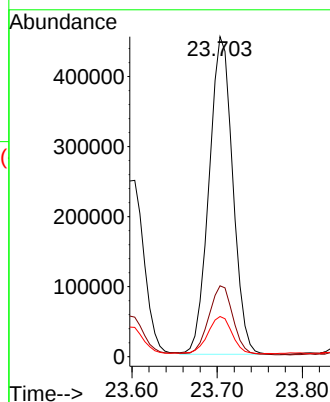
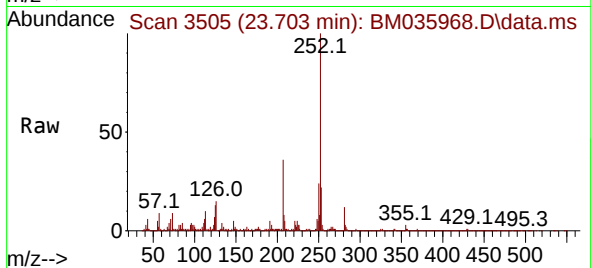
H0B36

Tgt Ion:	252	Resp:	87928
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.3	25.9
125	12.5	11.8	17.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/29/2022



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.270 ng/ul

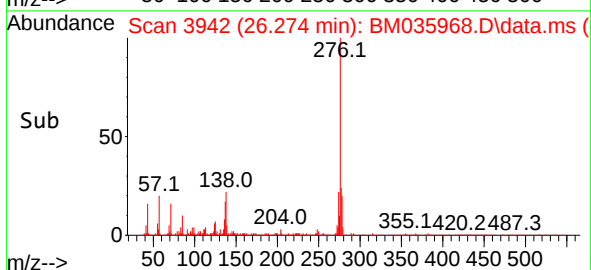
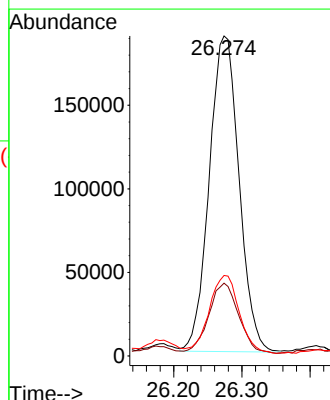
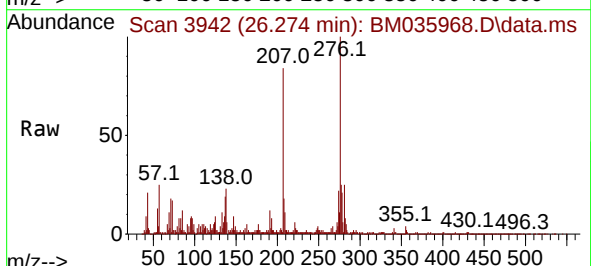
RT: 26.274 min Scan# 3942

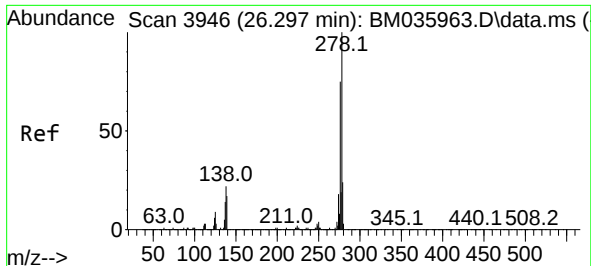
Delta R.T. -0.006 min

Lab File: BM035968.D

Acq: 28 Jul 2022 02:19

Tgt Ion:	276	Resp:	574837
Ion Ratio	Lower	Upper	
276	100		
138	22.8	25.6	38.4
277	25.1	20.1	30.1





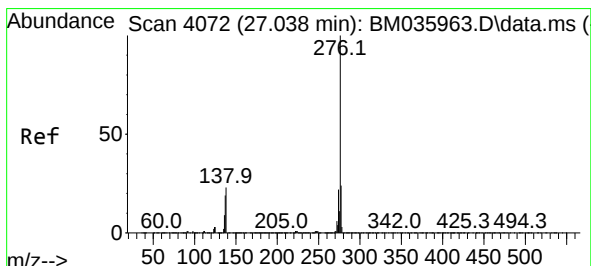
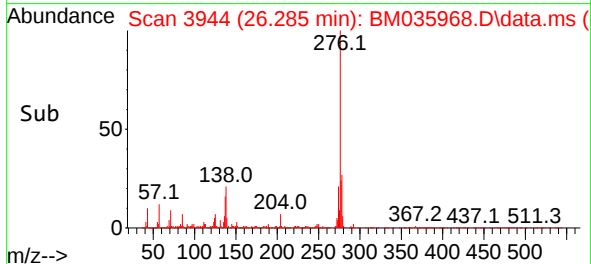
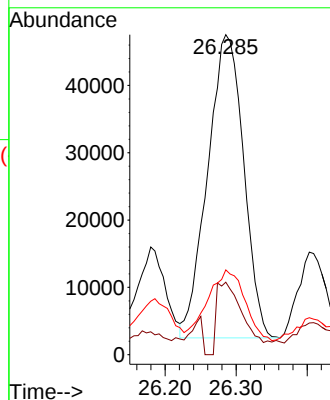
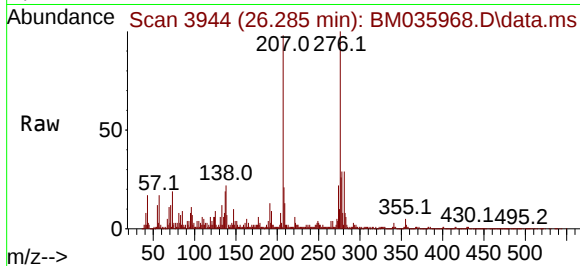
#95
Dibenzo(a,h)anthracene
Concen: 2.017 ng/ul
RT: 26.285 min Scan# 3946
Delta R.T. -0.012 min
Lab File: BM035968.D
Acq: 28 Jul 2022 02:19

Instrument :
BNA_M
ClientSampleId :
H0B36

Tgt Ion:278 Resp: 158629
Ion Ratio Lower Upper
278 100
139 22.6 16.2 24.2
279 26.5 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/29/2022



#96
Benzo(g,h,i)perylene
Concen: 6.148 ng/ul
RT: 27.038 min Scan# 4072
Delta R.T. 0.000 min
Lab File: BM035968.D
Acq: 28 Jul 2022 02:19

Tgt Ion:276 Resp: 467091
Ion Ratio Lower Upper
276 100
138 23.4 21.3 31.9
277 25.6 18.6 28.0

