

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
 Data File : BM037914.D
 Acq On : 09 Dec 2022 13:26
 Operator : CG/JU
 Sample : N5896-01 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL9

Quant Time: Dec 09 21:47:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 21:34:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	259375	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	1028796	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	591568	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	1205206	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	852729	20.000	ng/u1	0.00
88) Perylene-d12	24.109	264	971442	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	3106	0.544	ng/uL	0.00
4) Pyridine-d5	3.887	84	14310m	0.844	ng/u1	0.03
7) Phenol-d5	7.234	99	49550	2.351	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	31312	2.440	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	43626	2.523	ng/u1	0.00
15) 4-Methylphenol-d8	8.792	113	40734	2.476	ng/u1	0.00
21) Nitrobenzene-d5	9.251	128	19777	2.428	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	19698	2.308	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	37975	2.342	ng/u1	0.00
31) 4-Chloroaniline-d4	11.039	131	34500	1.541	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	114085	2.705	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	134183	2.603	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	10316	1.435	ng/u1	0.00
60) Fluorene-d10	15.698	176	105015	2.795	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	9693	1.504	ng/u1	0.00
73) Anthracene-d10	17.551	188	164076	2.917	ng/u1	0.00
81) Pyrene-d10	19.833	212	168598	3.291	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.944	264	142717	2.941	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.951	128	158688	2.858	ng/u1	99
36) 2-Methylnaphthalene	12.551	142	55798	1.550	ng/u1	99
50) Acenaphthylene	14.433	152	202555	3.574	ng/u1	98
52) Acenaphthene	14.774	153	70146	1.789	ng/u1	96
61) Fluorene	15.751	166	176466	4.043	ng/u1	99
71) Pentachlorophenol	17.104	266	10433	1.190	ng/u1	94
72) Phenanthrene	17.492	178	1023351	15.549	ng/u1	100
74) Anthracene	17.586	178	4141677	61.921	ng/u1	99
80) Fluoranthene	19.498	202	1907062	31.546	ng/u1	100
82) Pyrene	19.868	202	7567362	120.277	ng/u1	98
85) Benzo(a)anthracene	21.603	228	645288	11.240	ng/u1	96
87) Chrysene	21.662	228	1452426m	26.965	ng/u1	
90) Benzo(b)fluoranthene	23.350	252	3125493m	51.897	ng/u1	
91) Benzo(k)fluoranthene	23.391	252	591083m	10.127	ng/u1	
93) Benzo(a)pyrene	23.997	252	1341726	25.334	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.697	276	758372	11.119	ng/u1	95
95) Dibenzo(a,h)anthracene	26.703	278	200586	3.488	ng/u1#	84
96) Benzo(g,h,i)perylene	27.503	276	548139	10.065	ng/u1	97

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

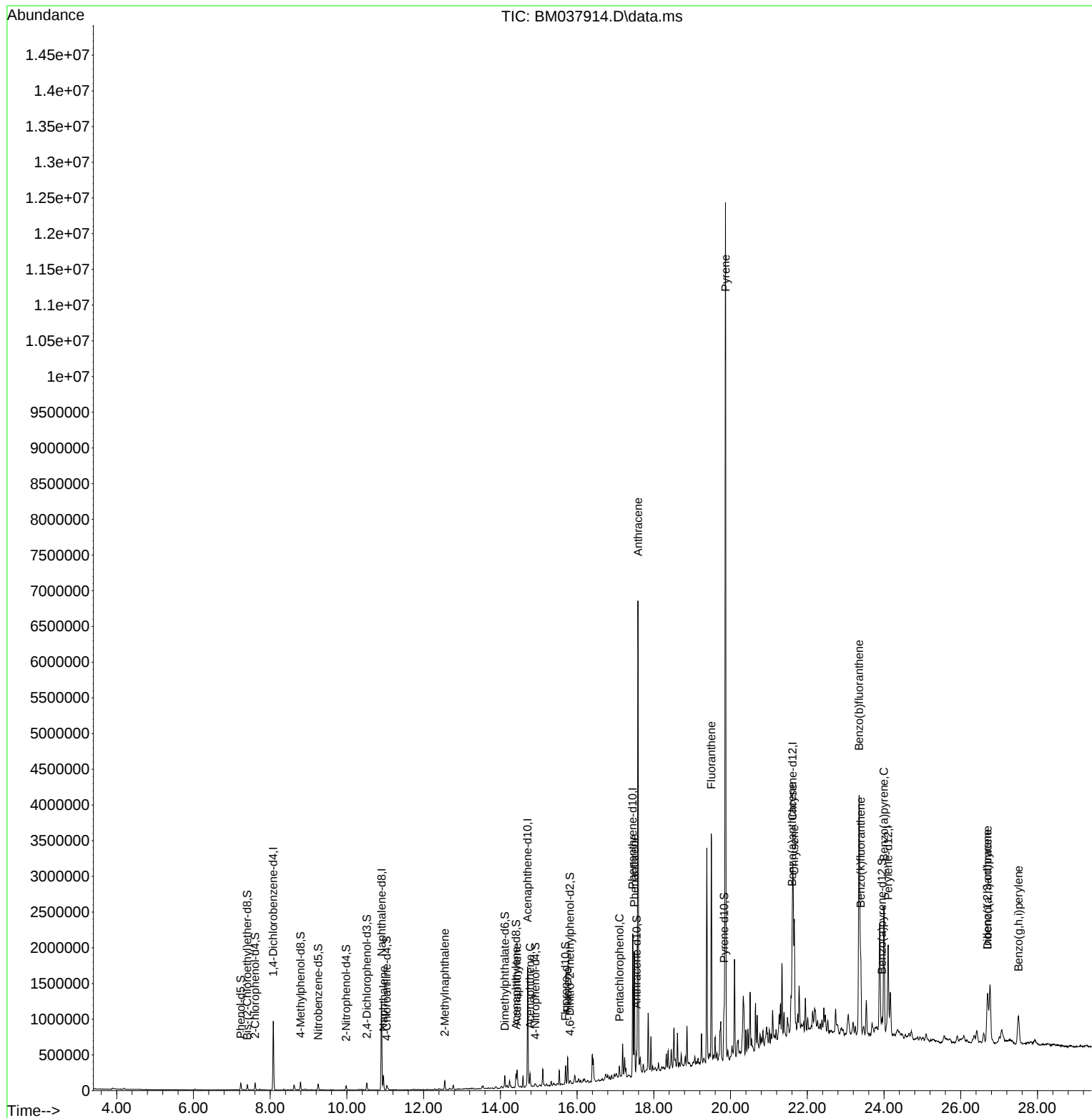
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
 Data File : BM037914.D
 Acq On : 09 Dec 2022 13:26
 Operator : CG/JU
 Sample : N5896-01 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

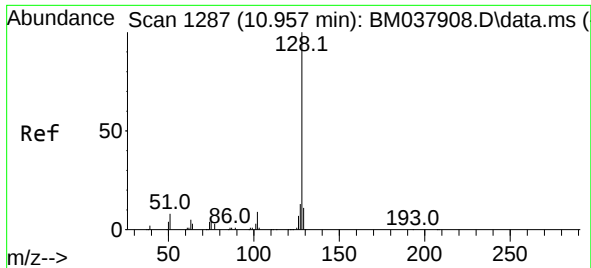
Instrument :
 BNA_M
 ClientSampleId :
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Quant Time: Dec 09 21:47:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
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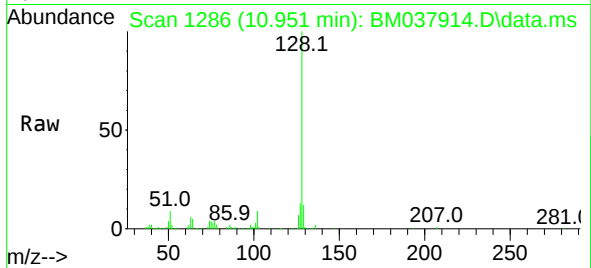
Reviewed By :Jagrut Upadhyay 12/10/2022
 Supervised By :mohammad ahmed 12/10/2022





#30
Naphthalene
Concen: 2.858 ng/u1
RT: 10.951 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM037914.D
Acq: 09 Dec 2022 13:26

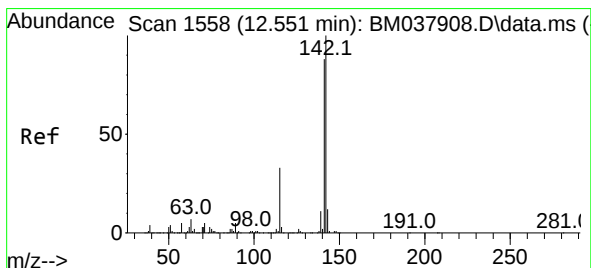
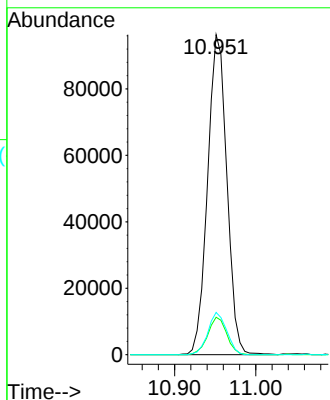
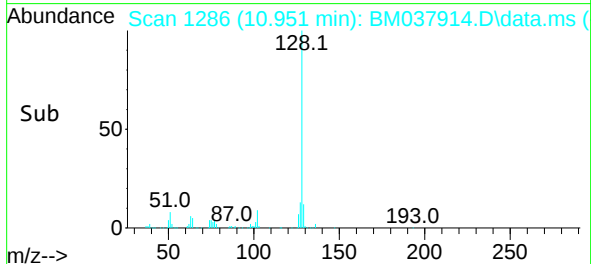
Instrument :
BNA_M
ClientSampleId :
DBXL9



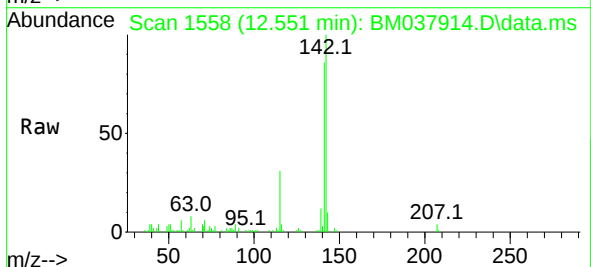
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Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 13.2 10.4 15.6

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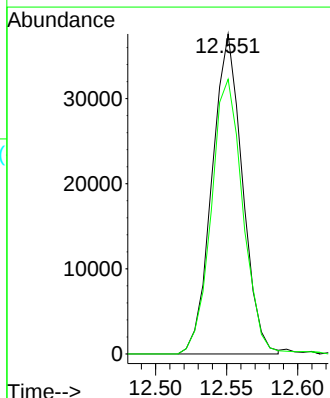
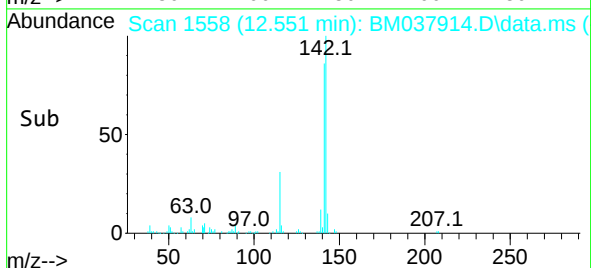
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

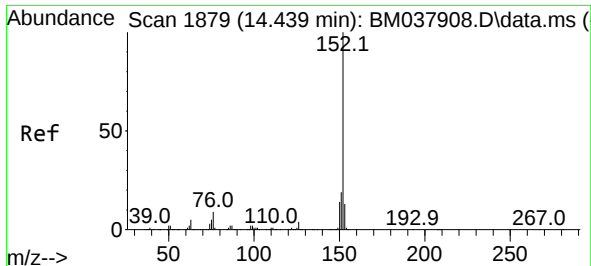


#36
2-Methylnaphthalene
Concen: 1.550 ng/u1
RT: 12.551 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BM037914.D
Acq: 09 Dec 2022 13:26



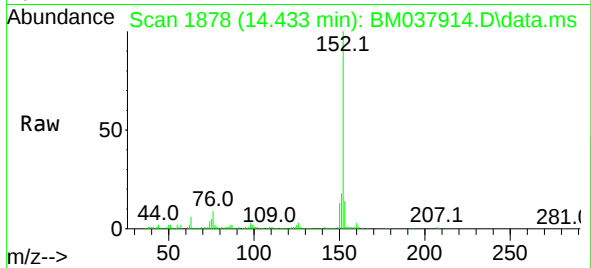
Tgt Ion:142 Resp: 55798
Ion Ratio Lower Upper
142 100
141 85.8 69.4 104.0





#50
Acenaphthylene
Concen: 3.574 ng/ul
RT: 14.433 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BM037914.D
Acq: 09 Dec 2022 13:26

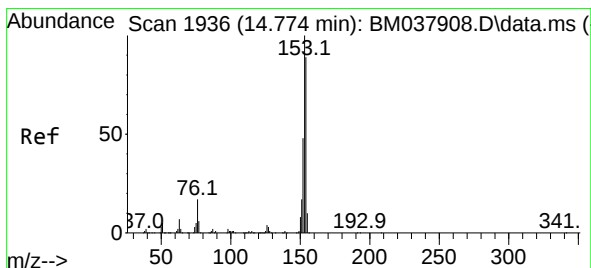
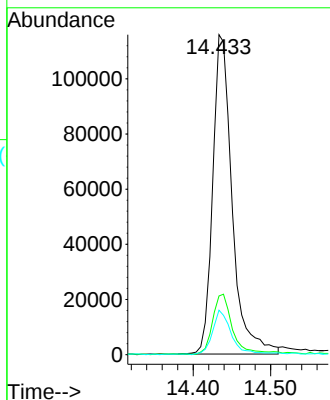
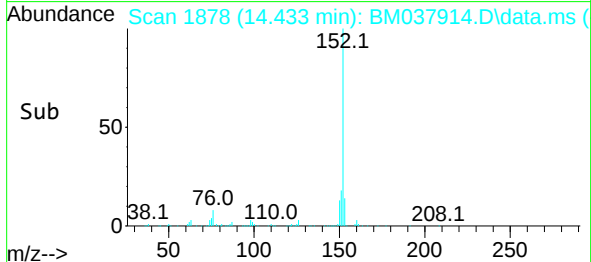
Instrument :
BNA_M
ClientSampleId :
DBXL9



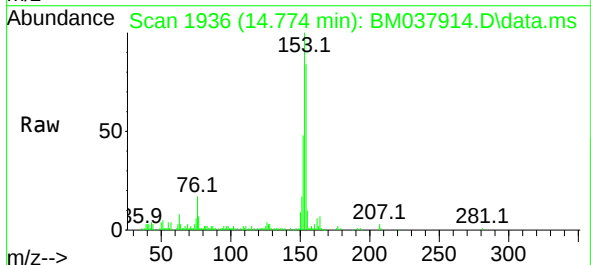
Tgt Ion:152 Resp: 20255
Ion Ratio Lower Upper
152 100
151 18.3 15.3 22.9
153 13.9 10.2 15.4

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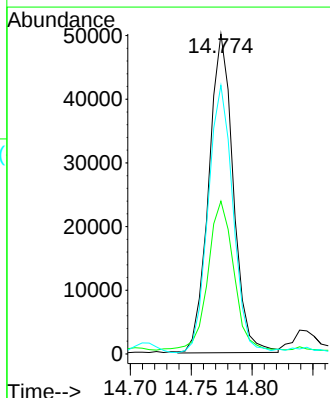
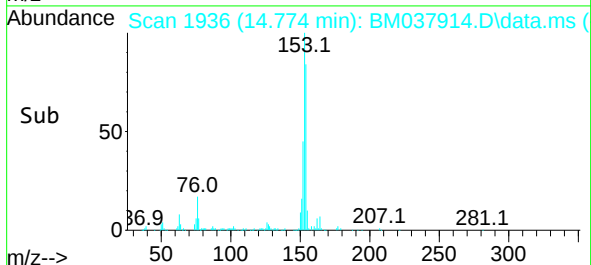
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

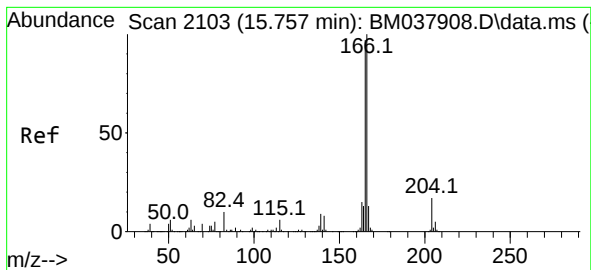


#52
Acenaphthene
Concen: 1.789 ng/ul
RT: 14.774 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BM037914.D
Acq: 09 Dec 2022 13:26



Tgt Ion:153 Resp: 70146
Ion Ratio Lower Upper
153 100
152 47.7 38.2 57.4
154 84.0 71.4 107.0





#61

Fluorene

Concen: 4.043 ng/ul

RT: 15.751 min Scan# 2103

Delta R.T. -0.006 min

Lab File: BM037914.D

Acq: 09 Dec 2022 13:26

Instrument :

BNA_M

ClientSampleId :

DBXL9

Tgt Ion:166 Resp: 17646

Ion Ratio Lower Upper

166 100

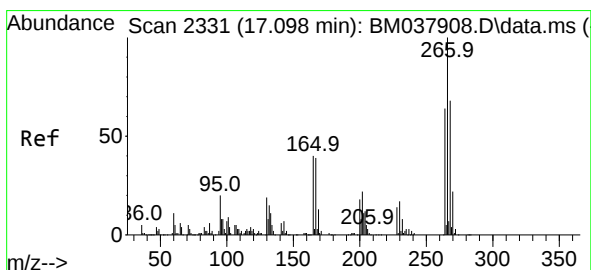
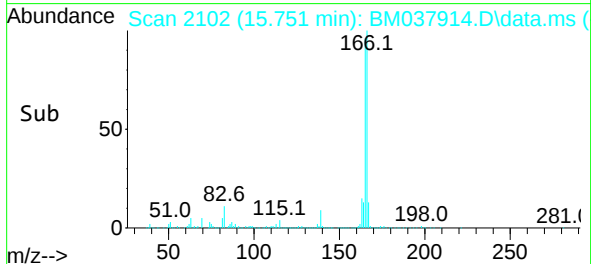
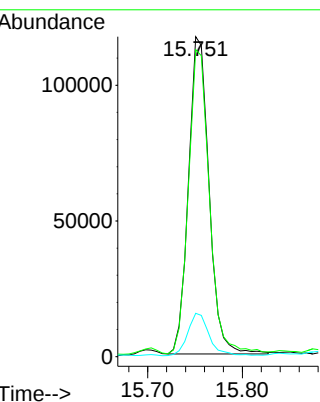
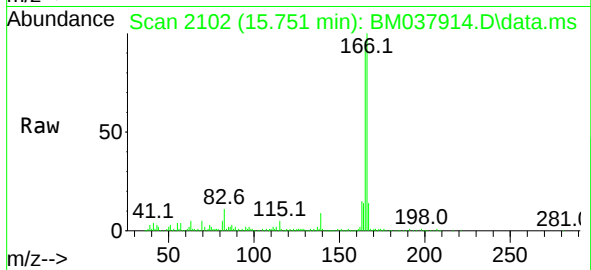
165 96.0 77.2 115.8

167 13.5 10.4 15.6

Manual Integrations

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



#71

Pentachlorophenol

Concen: 1.190 ng/ul

RT: 17.104 min Scan# 2332

Delta R.T. 0.006 min

Lab File: BM037914.D

Acq: 09 Dec 2022 13:26

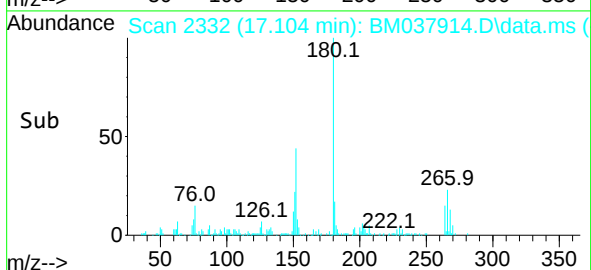
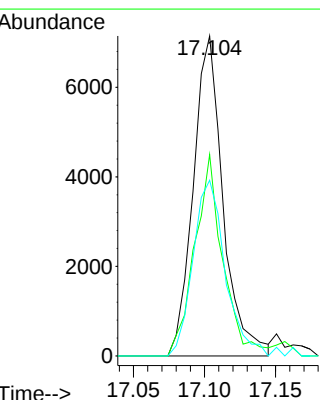
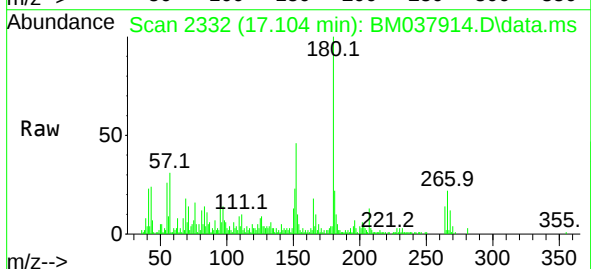
Tgt Ion:266 Resp: 10433

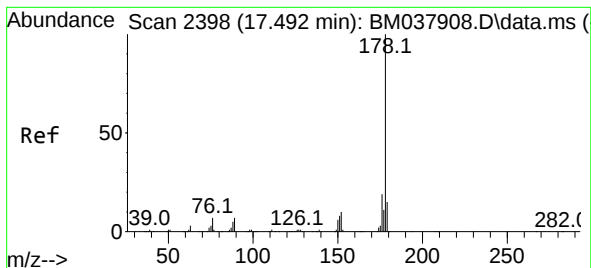
Ion Ratio Lower Upper

266 100

264 63.0 50.1 75.1

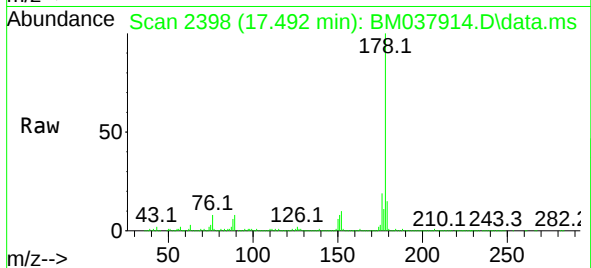
268 54.9 50.6 75.8





#72
Phenanthrene
Concen: 15.549 ng/uI
RT: 17.492 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BM037914.D
Acq: 09 Dec 2022 13:26

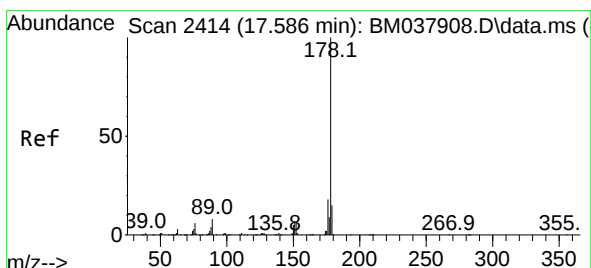
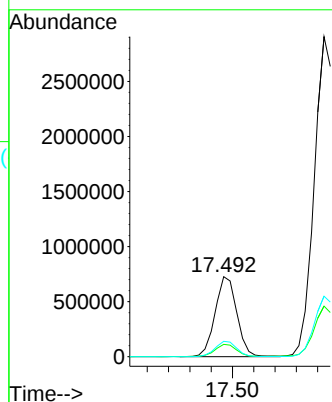
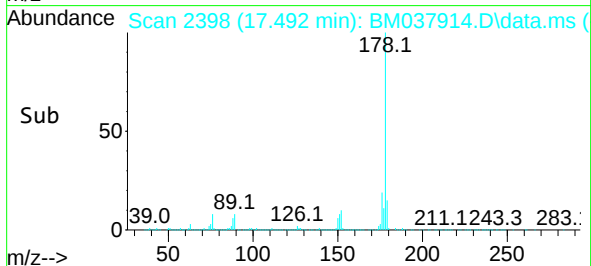
Instrument :
BNA_M
ClientSampleId :
DBXL9



Tgt Ion:178 Resp: 102335
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.3 15.4 23.0

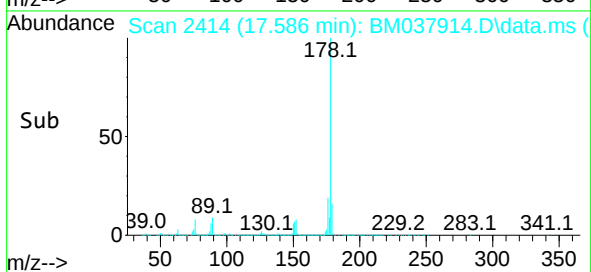
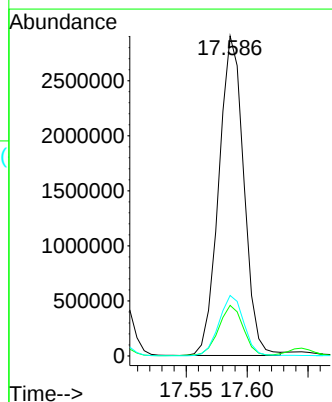
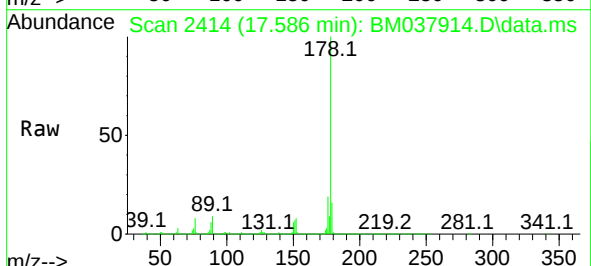
Manual Integrations
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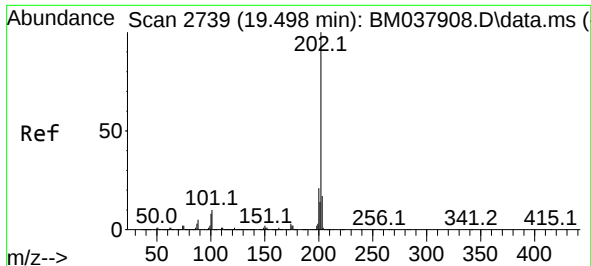
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#74
Anthracene
Concen: 61.921 ng/uI
RT: 17.586 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BM037914.D
Acq: 09 Dec 2022 13:26

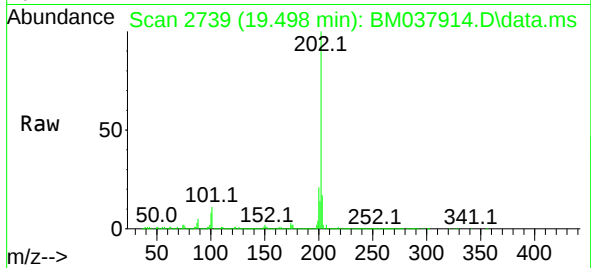
Tgt Ion:178 Resp: 4141677
Ion Ratio Lower Upper
178 100
179 15.8 11.8 17.8
176 18.9 15.0 22.6





#80
Fluoranthene
Concen: 31.546 ng/u1
RT: 19.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037914.D
Acq: 09 Dec 2022 13:26

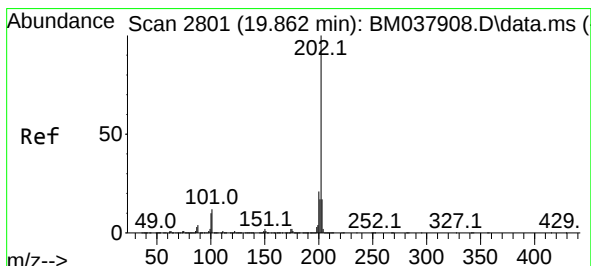
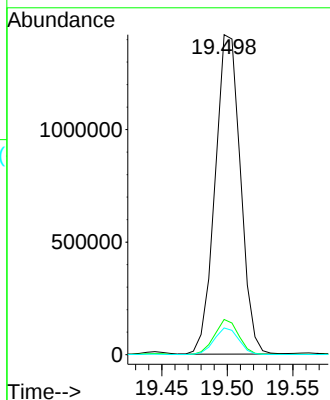
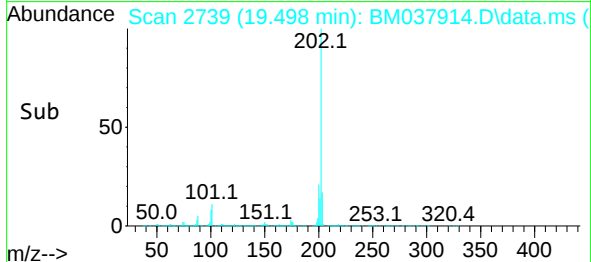
Instrument :
BNA_M
ClientSampleId :
DBXL9



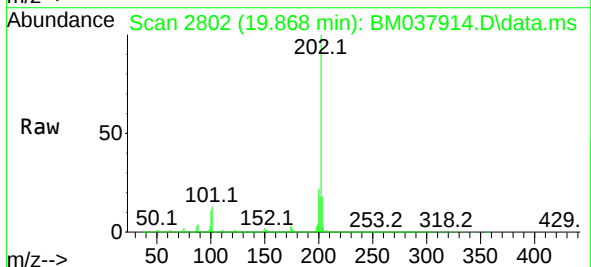
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Ion Ratio Lower Upper
202 100
101 11.0 8.6 13.0
100 8.4 6.6 10.0

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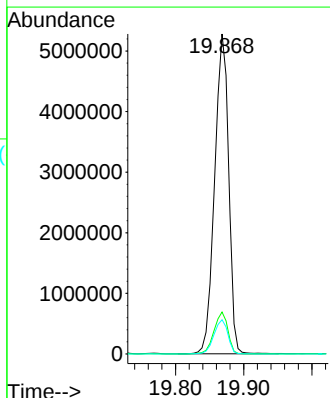
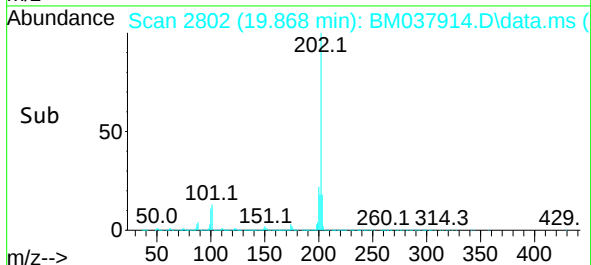
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

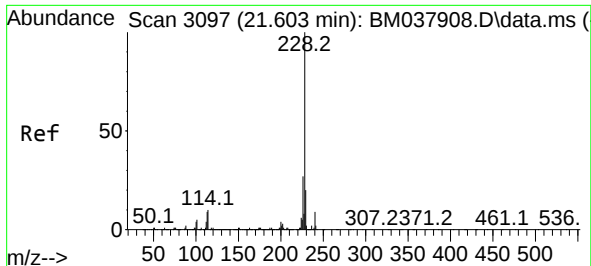


#82
Pyrene
Concen: 120.277 ng/u1
RT: 19.868 min Scan# 2802
Delta R.T. 0.006 min
Lab File: BM037914.D
Acq: 09 Dec 2022 13:26



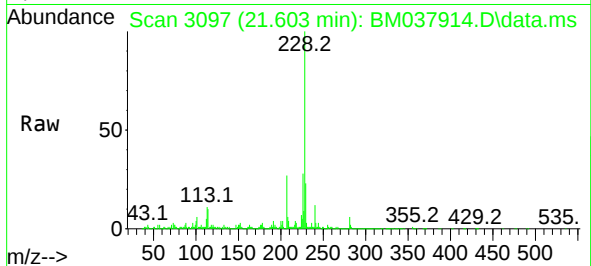
Tgt Ion:202 Resp: 7567362
Ion Ratio Lower Upper
202 100
101 13.1 10.0 15.0
100 10.7 7.9 11.9





#85
Benzo(a)anthracene
Concen: 11.240 ng/ul
RT: 21.603 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BM037914.D
Acq: 09 Dec 2022 13:26

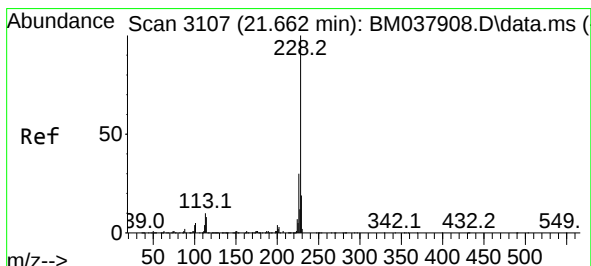
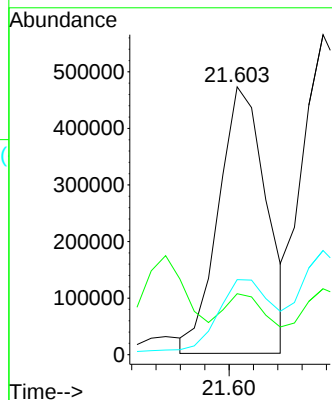
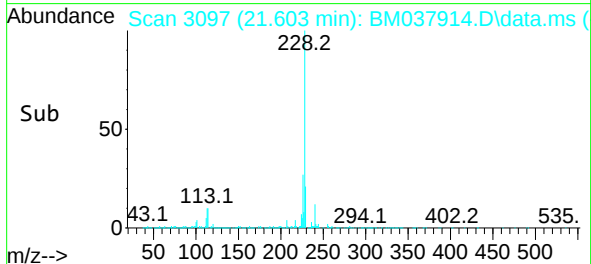
Instrument :
BNA_M
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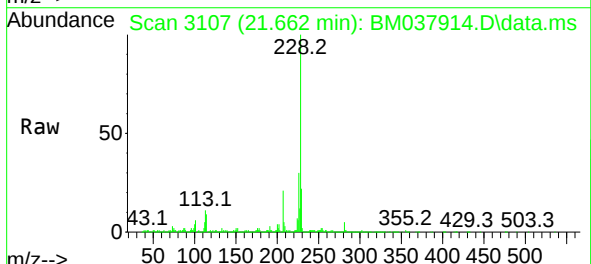
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Ion Ratio Lower Upper
228 100
229 22.8 15.5 23.3
226 28.0 21.8 32.8

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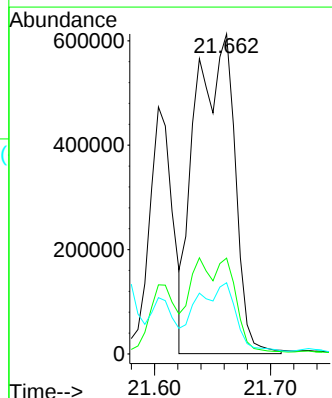
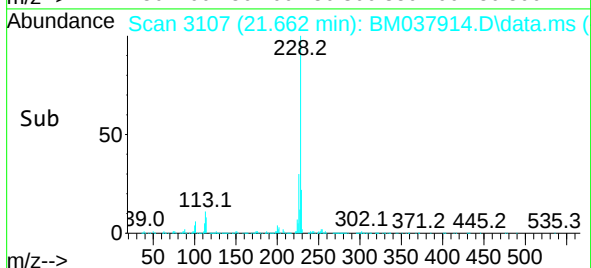
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

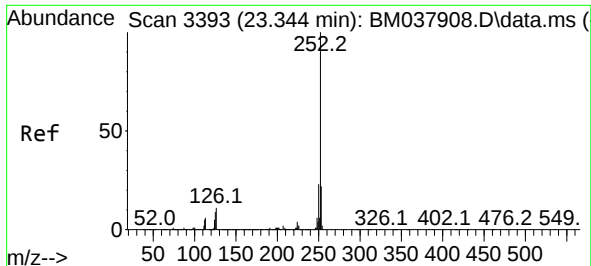


#87
Chrysene
Concen: 26.965 ng/ul m
RT: 21.662 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BM037914.D
Acq: 09 Dec 2022 13:26



Tgt Ion:228 Resp: 1452426
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 22.3 15.6 23.4





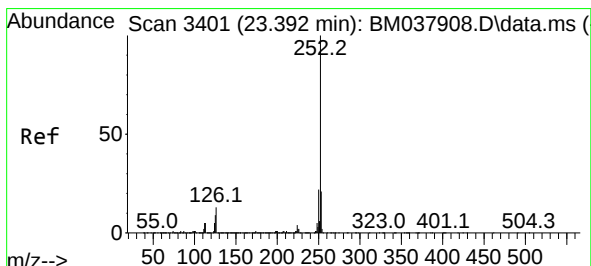
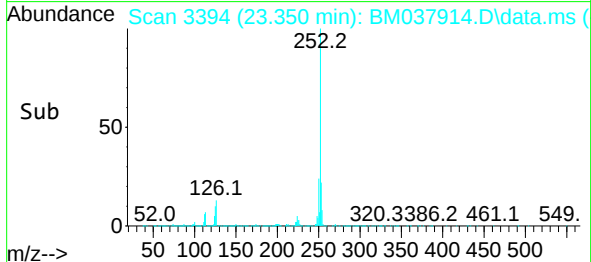
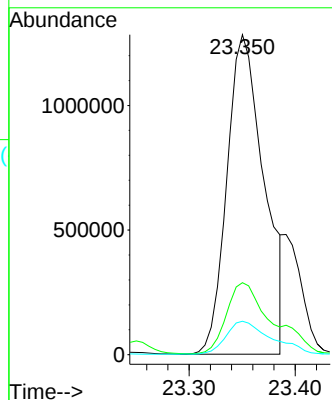
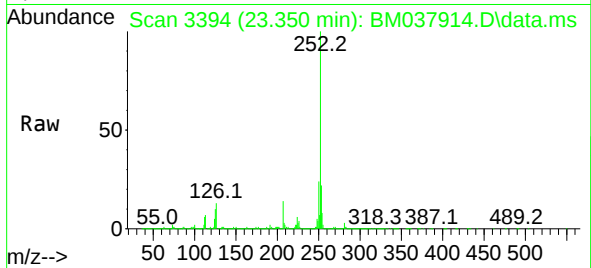
#90
Benzo(b)fluoranthene
Concen: 51.897 ng/ul m
RT: 23.350 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM037914.D
Acq: 09 Dec 2022 13:26

Instrument :
BNA_M
ClientSampleId :
DBXL9

Tgt Ion:252 Resp: 312549
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 10.5 8.0 12.0

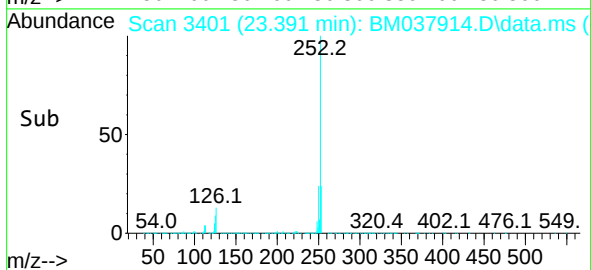
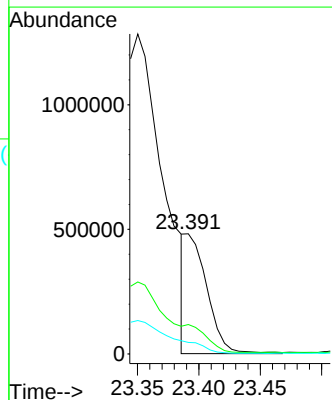
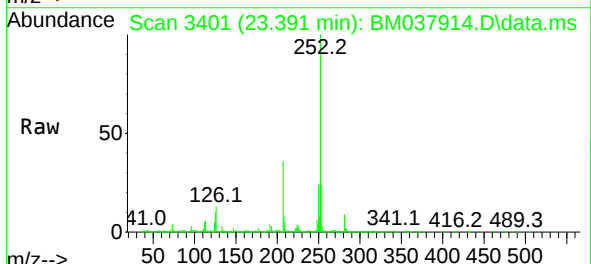
Manual Integrations
APPROVED

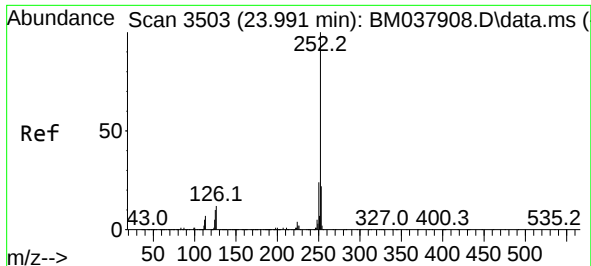
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#91
Benzo(k)fluoranthene
Concen: 10.127 ng/ul m
RT: 23.391 min Scan# 3401
Delta R.T. -0.000 min
Lab File: BM037914.D
Acq: 09 Dec 2022 13:26

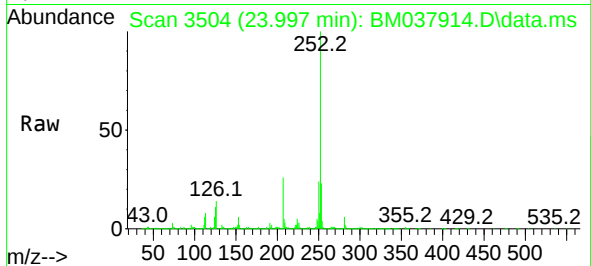
Tgt Ion:252 Resp: 591083
Ion Ratio Lower Upper
252 100
253 24.5 17.4 26.2
125 9.7 8.1 12.1





#93
Benzo(a)pyrene
Concen: 25.334 ng/u1
RT: 23.997 min Scan# 3504
Delta R.T. 0.006 min
Lab File: BM037914.D
Acq: 09 Dec 2022 13:26

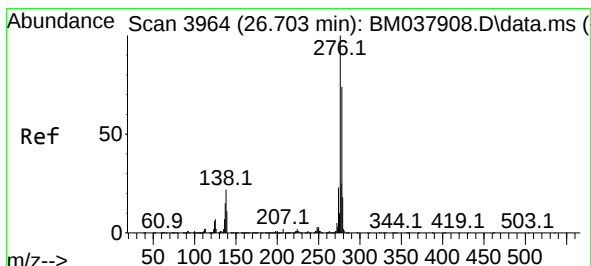
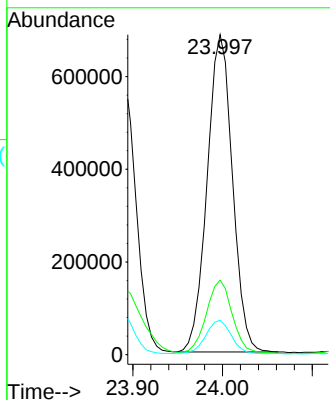
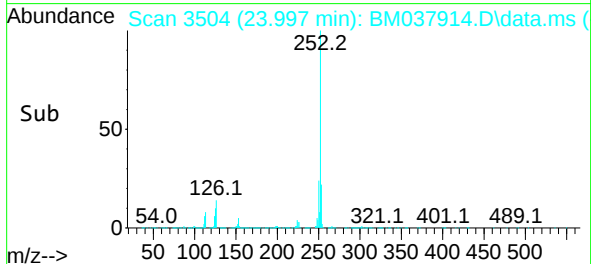
Instrument :
BNA_M
ClientSampleId :
DBXL9



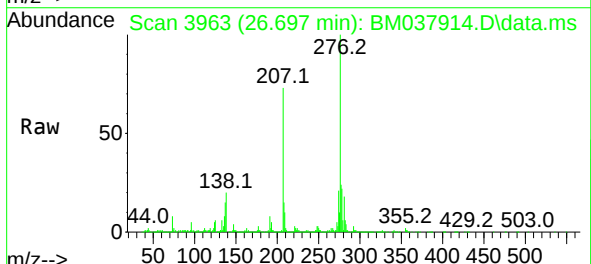
Tgt Ion:252 Resp: 1341720
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 10.7 9.4 14.0

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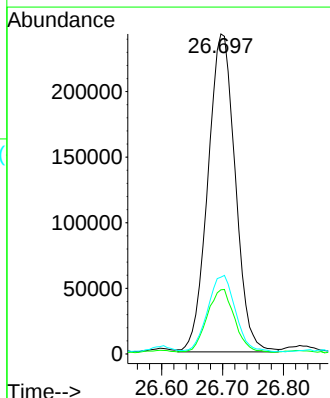
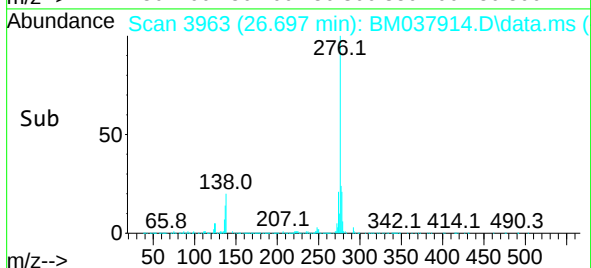
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

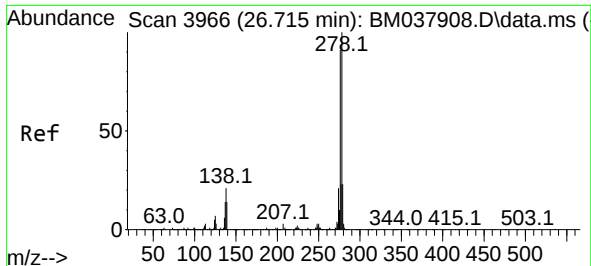


#94
Indeno(1,2,3-cd)pyrene
Concen: 11.119 ng/u1
RT: 26.697 min Scan# 3963
Delta R.T. -0.006 min
Lab File: BM037914.D
Acq: 09 Dec 2022 13:26



Tgt Ion:276 Resp: 758372
Ion Ratio Lower Upper
276 100
138 20.1 19.3 28.9
277 24.0 19.8 29.8





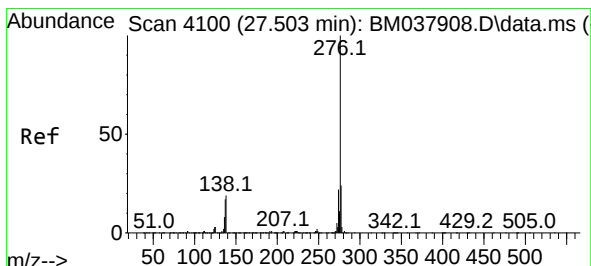
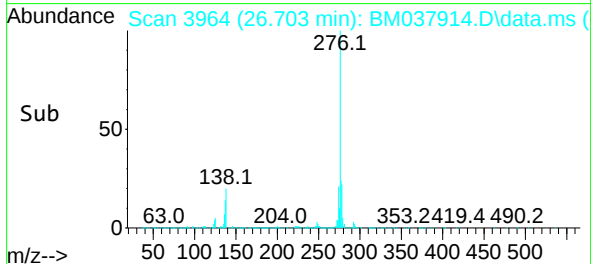
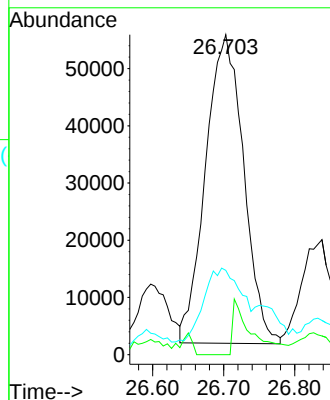
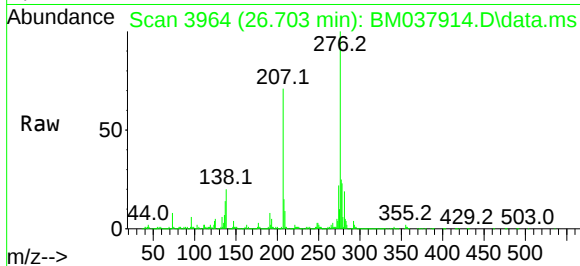
#95
Dibenzo(a,h)anthracene
Concen: 3.488 ng/ul
RT: 26.703 min Scan# 3966
Delta R.T. -0.012 min
Lab File: BM037914.D
Acq: 09 Dec 2022 13:26

Instrument :
BNA_M
ClientSampleId :
DBXL9

Tgt Ion:278 Resp: 200580
Ion Ratio Lower Upper
278 100
139 0.0 12.4 18.6
279 26.4 19.8 29.6

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 10.065 ng/ul
RT: 27.503 min Scan# 4100
Delta R.T. -0.000 min
Lab File: BM037914.D
Acq: 09 Dec 2022 13:26

Tgt Ion:276 Resp: 548139
Ion Ratio Lower Upper
276 100
138 20.4 17.1 25.7
277 24.3 18.2 27.4

