

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
 Data File : BM037919.D
 Acq On : 09 Dec 2022 16:29
 Operator : CG/JU
 Sample : N5896-10 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXM8

Quant Time: Dec 09 21:49:08 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	272148	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	1065491	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	579583	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	1124234	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	913327	20.000	ng/u1	0.00
88) Perylene-d12	24.109	264	1082737	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	2069m	0.345	ng/uL	0.00
4) Pyridine-d5	3.887	84	17936m	1.009	ng/u1	0.03
7) Phenol-d5	7.234	99	43983	1.989	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	27874	2.070	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	39677	2.187	ng/u1	0.00
15) 4-Methylphenol-d8	8.792	113	32781	1.899	ng/u1	0.00
21) Nitrobenzene-d5	9.251	128	18663	2.212	ng/u1	0.00
24) 2-Nitrophenol-d4	9.980	143	17435	1.972	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	31110	1.853	ng/u1	0.00
31) 4-Chloroaniline-d4	11.039	131	23421	1.010	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	90441	2.189	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	107640	2.131	ng/u1	0.00
54) 4-Nitrophenol-d4	14.915	143	6645m	0.944	ng/u1	0.01
60) Fluorene-d10	15.698	176	80621	2.190	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	6668m	1.109	ng/u1	0.00
73) Anthracene-d10	17.545	188	132205	2.520	ng/u1	0.00
81) Pyrene-d10	19.833	212	134614	2.454	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.944	264	126027	2.330	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.951	128	90069	1.566	ng/u1	99
50) Acenaphthylene	14.433	152	241999	4.358	ng/u1	99
61) Fluorene	15.751	166	42775	1.000	ng/u1	96
71) Pentachlorophenol	17.098	266	21283	2.602	ng/u1	97
72) Phenanthrene	17.492	178	281828	4.590	ng/u1	99
74) Anthracene	17.586	178	1553002	24.891	ng/u1	99
80) Fluoranthene	19.498	202	853312	13.179	ng/u1	99
82) Pyrene	19.862	202	1217619	18.069	ng/u1	98
85) Benzo(a)anthracene	21.603	228	519783	8.453	ng/u1	97
87) Chrysene	21.662	228	970313	16.819	ng/u1	98
90) Benzo(b)fluoranthene	23.350	252	2227133	33.179	ng/u1	98
91) Benzo(k)fluoranthene	23.391	252	499887m	7.684	ng/u1	
93) Benzo(a)pyrene	23.997	252	1083327	18.353	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	26.703	276	1236612	16.266	ng/u1	95
95) Dibenzo(a,h)anthracene	26.703	278	285378m	4.453	ng/u1	
96) Benzo(g,h,i)perylene	27.515	276	1036827	17.082	ng/u1	96

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

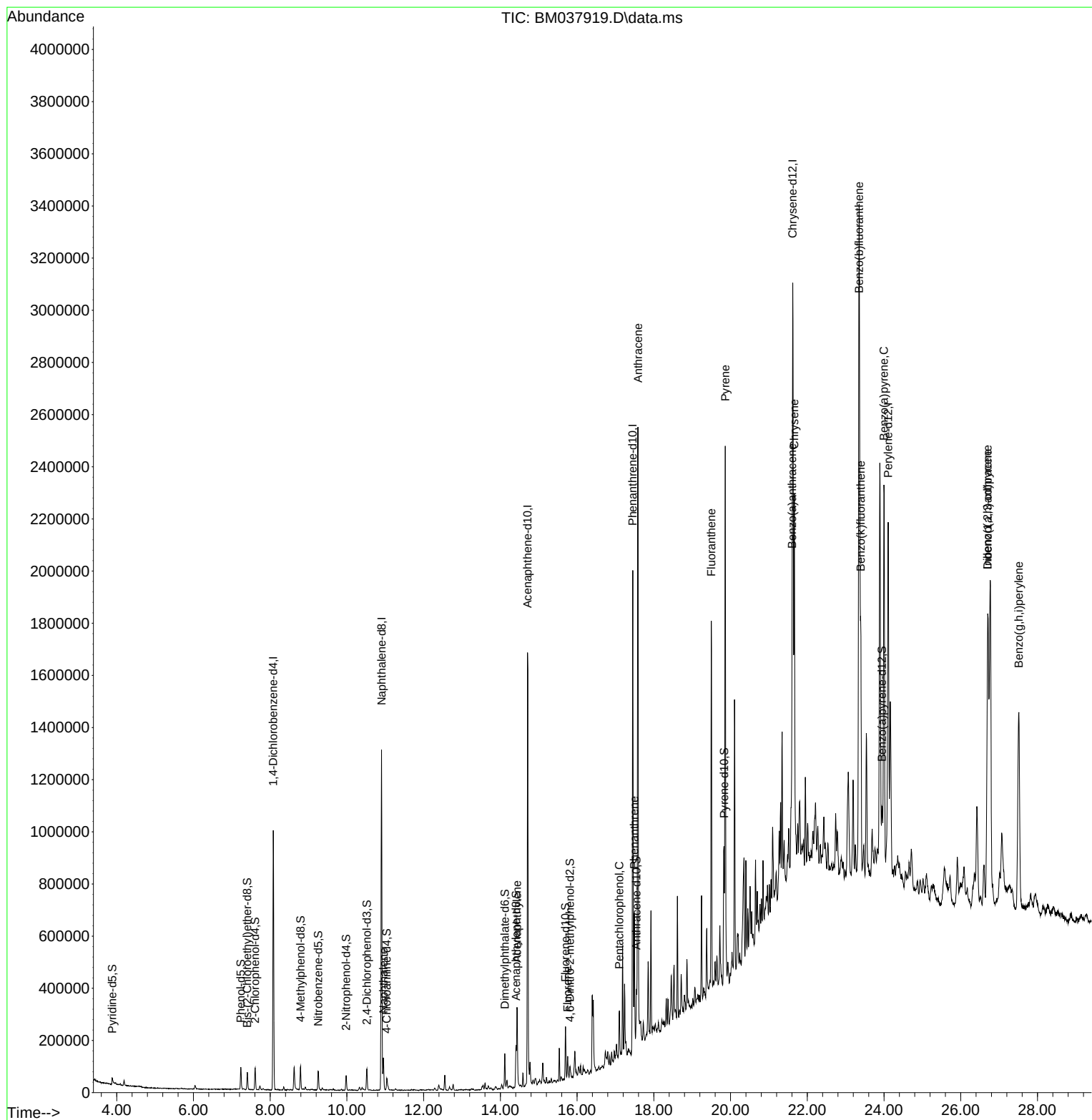
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
 Data File : BM037919.D
 Acq On : 09 Dec 2022 16:29
 Operator : CG/JU
 Sample : N5896-10 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

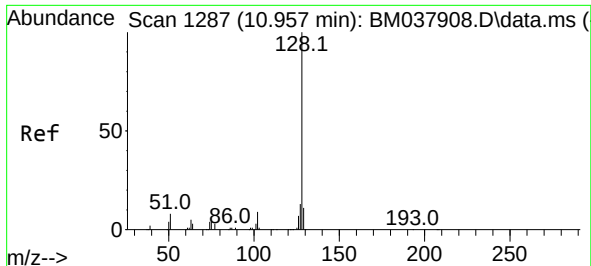
Instrument :
 BNA_M
 ClientSampleId :
 DBXM8

Quant Time: Dec 09 21:49:08 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

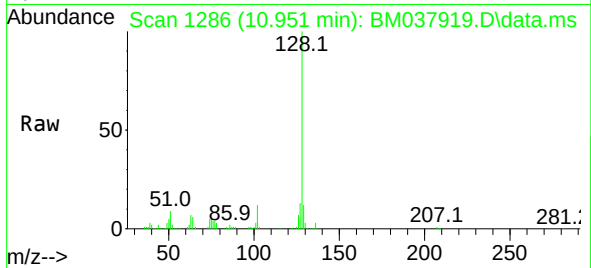
Reviewed By :Jagrut Upadhyay 12/10/2022
 Supervised By :mohammad ahmed 12/10/2022





#30
Naphthalene
Concen: 1.566 ng/ul
RT: 10.951 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM037919.D
Acq: 09 Dec 2022 16:29

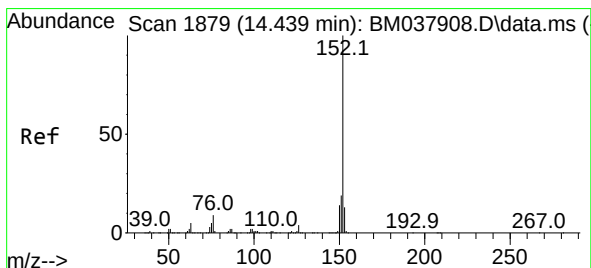
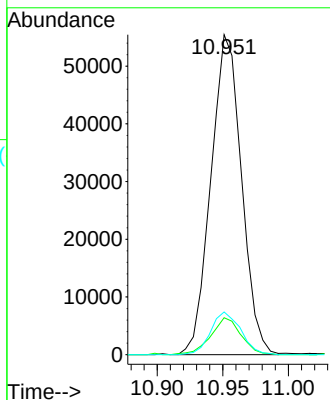
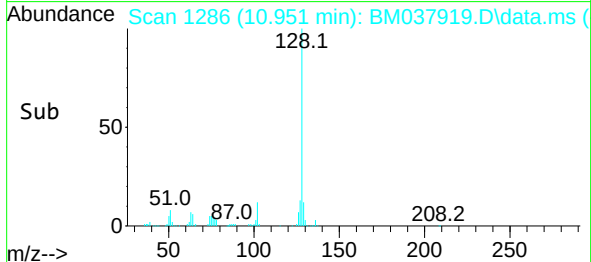
Instrument :
BNA_M
ClientSampleId :
DBXM8



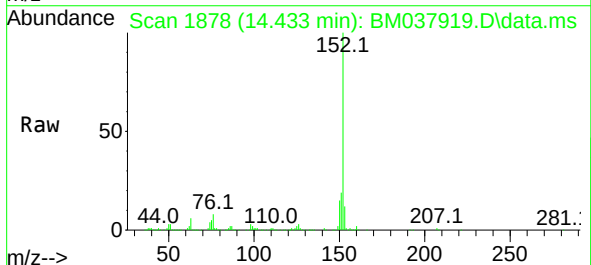
Tgt Ion:128 Resp: 90069
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.3 10.4 15.6

Manual Integrations
APPROVED

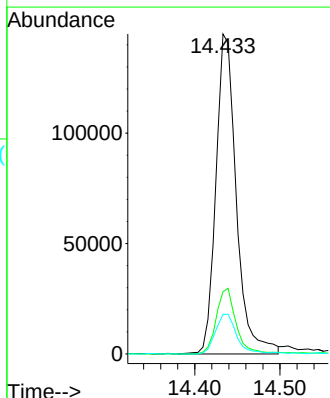
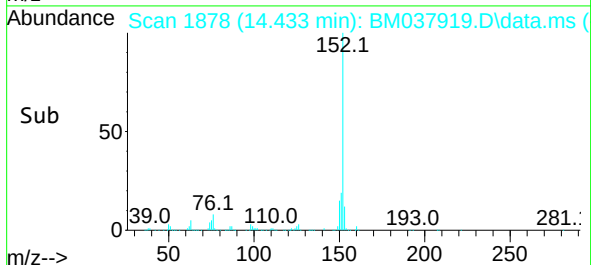
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

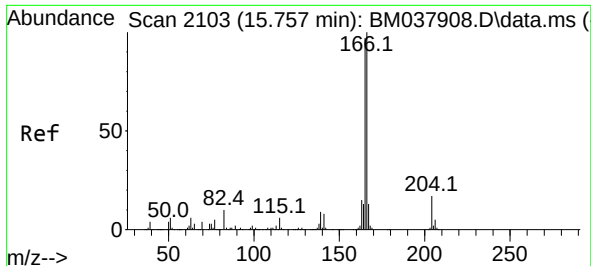


#50
Acenaphthylene
Concen: 4.358 ng/ul
RT: 14.433 min Scan# 1878
Delta R.T. -0.006 min
Lab File: BM037919.D
Acq: 09 Dec 2022 16:29



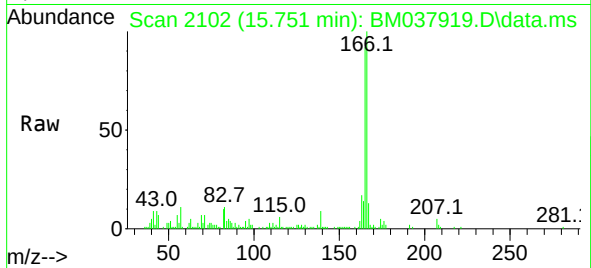
Tgt Ion:152 Resp: 241999
Ion Ratio Lower Upper
152 100
151 19.5 15.3 22.9
153 12.4 10.2 15.4





#61
Fluorene
Concen: 1.000 ng/ul
RT: 15.751 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM037919.D
Acq: 09 Dec 2022 16:29

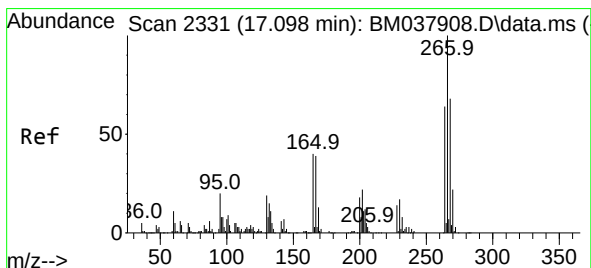
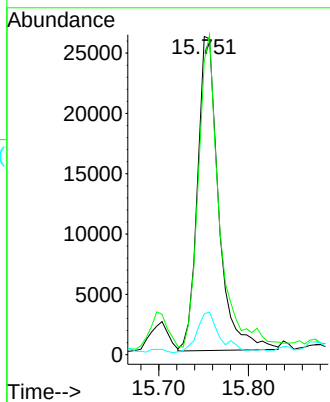
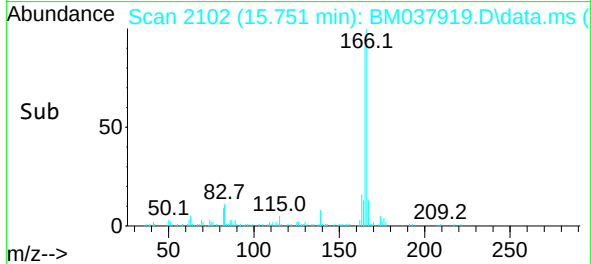
Instrument :
BNA_M
ClientSampleId :
DBXM8



Tgt Ion:166 Resp: 42775
Ion Ratio Lower Upper
166 100
165 92.3 77.2 115.8
167 12.8 10.4 15.6

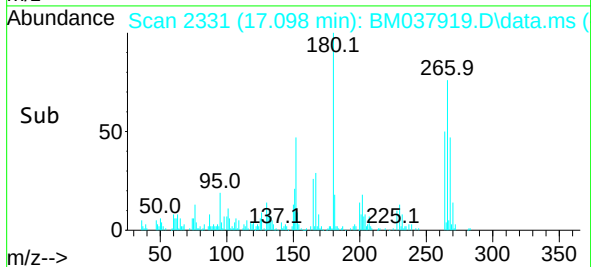
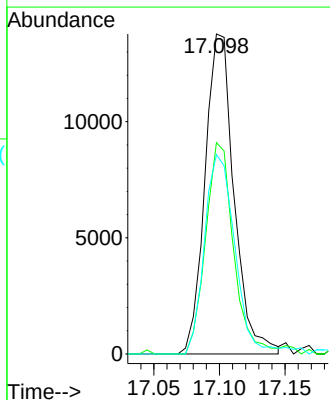
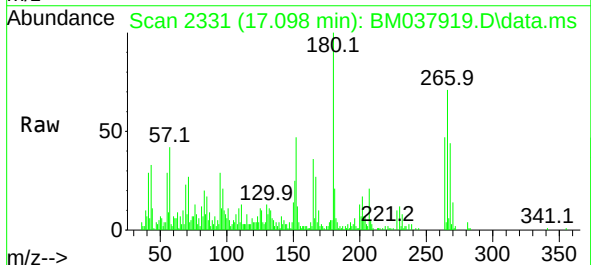
Manual Integrations
APPROVED

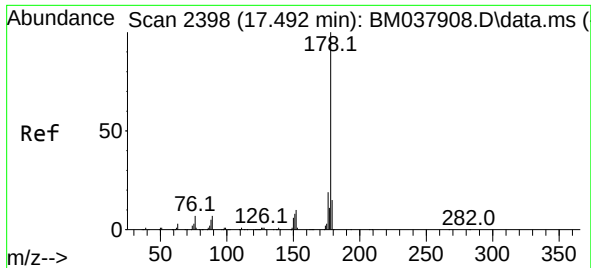
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#71
Pentachlorophenol
Concen: 2.602 ng/ul
RT: 17.098 min Scan# 2331
Delta R.T. -0.000 min
Lab File: BM037919.D
Acq: 09 Dec 2022 16:29

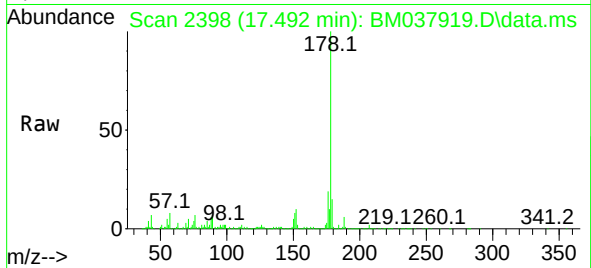
Tgt Ion:266 Resp: 21283
Ion Ratio Lower Upper
266 100
264 66.1 50.1 75.1
268 62.3 50.6 75.8





#72
Phenanthrene
Concen: 4.590 ng/u1
RT: 17.492 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BM037919.D
Acq: 09 Dec 2022 16:29

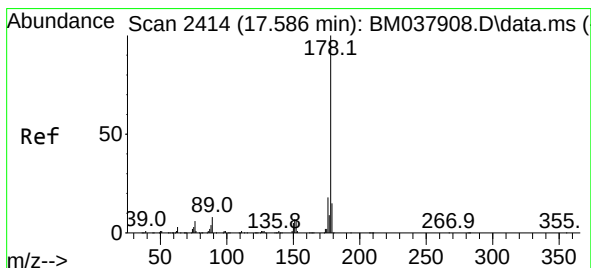
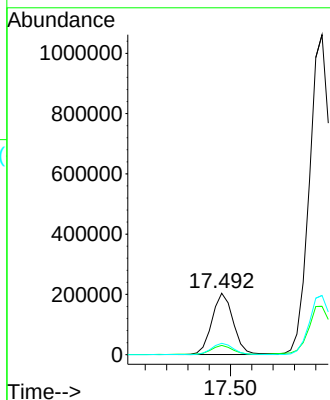
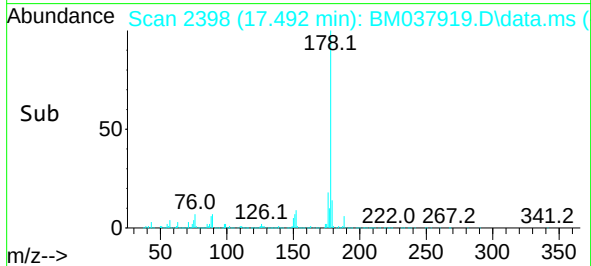
Instrument :
BNA_M
ClientSampleId :
DBXM8



Tgt Ion:178 Resp: 281828
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 18.5 15.4 23.0

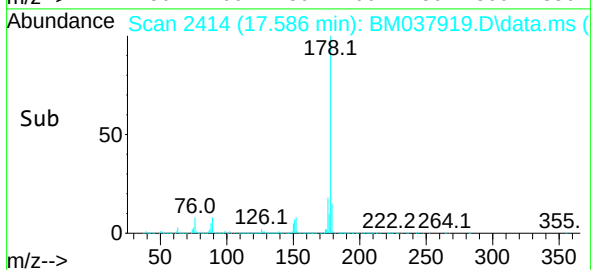
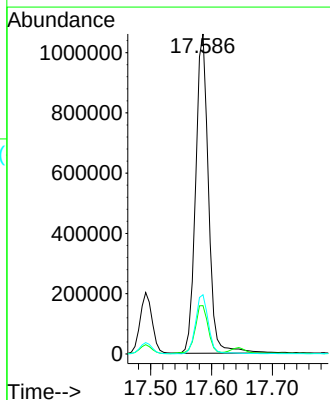
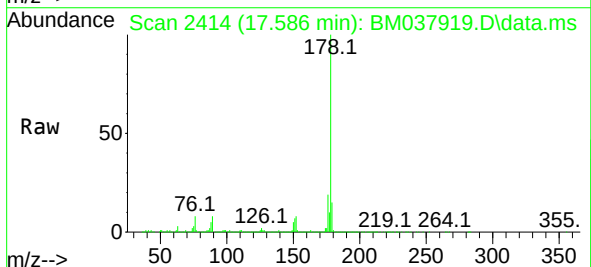
Manual Integrations
APPROVED

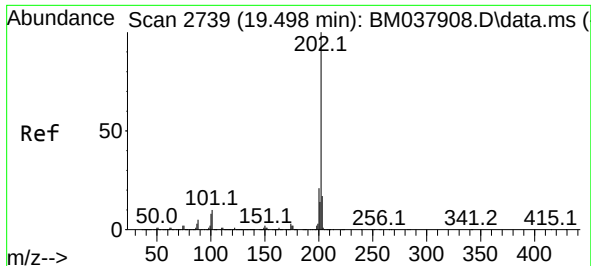
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#74
Anthracene
Concen: 24.891 ng/u1
RT: 17.586 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BM037919.D
Acq: 09 Dec 2022 16:29

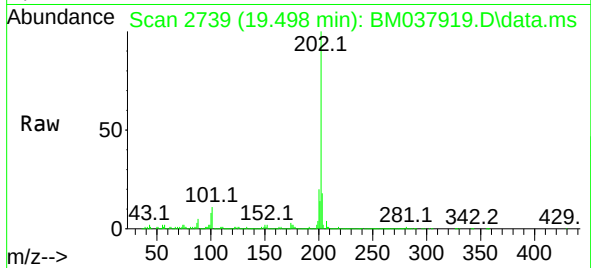
Tgt Ion:178 Resp: 1553002
Ion Ratio Lower Upper
178 100
179 15.1 11.8 17.8
176 18.5 15.0 22.6





#80
Fluoranthene
Concen: 13.179 ng/ul
RT: 19.498 min Scan# 2739
Delta R.T. -0.000 min
Lab File: BM037919.D
Acq: 09 Dec 2022 16:29

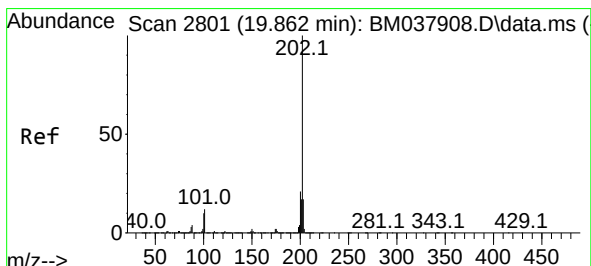
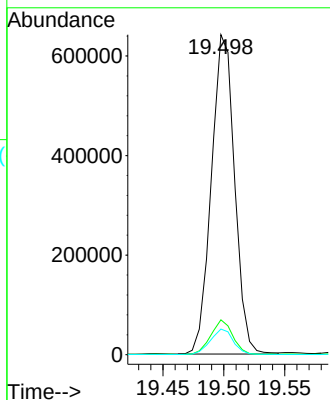
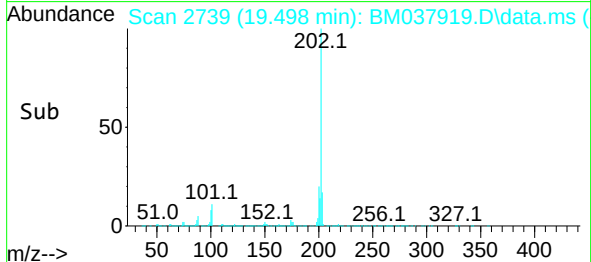
Instrument :
BNA_M
ClientSampleId :
DBXM8



Tgt Ion:202 Resp: 853312
Ion Ratio Lower Upper
202 100
101 10.9 8.6 13.0
100 8.0 6.6 10.0

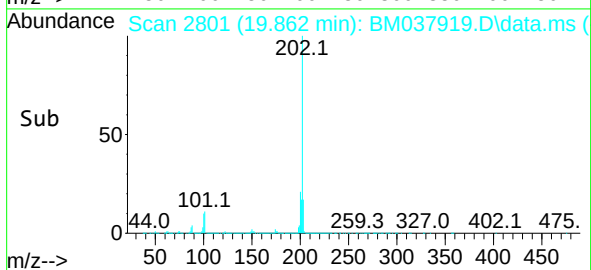
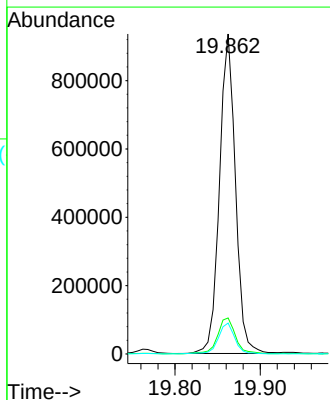
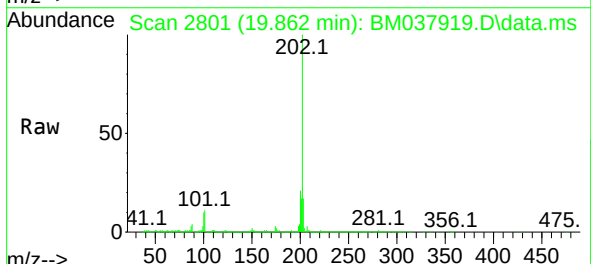
Manual Integrations
APPROVED

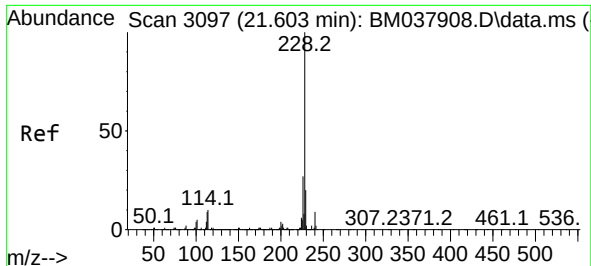
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#82
Pyrene
Concen: 18.069 ng/ul
RT: 19.862 min Scan# 2801
Delta R.T. -0.000 min
Lab File: BM037919.D
Acq: 09 Dec 2022 16:29

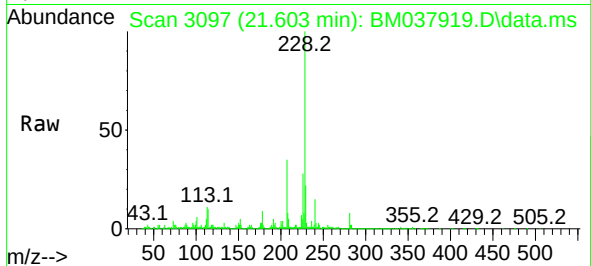
Tgt Ion:202 Resp: 1217619
Ion Ratio Lower Upper
202 100
101 11.3 10.0 15.0
100 9.7 7.9 11.9





#85
Benzo(a)anthracene
Concen: 8.453 ng/u1
RT: 21.603 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BM037919.D
Acq: 09 Dec 2022 16:29

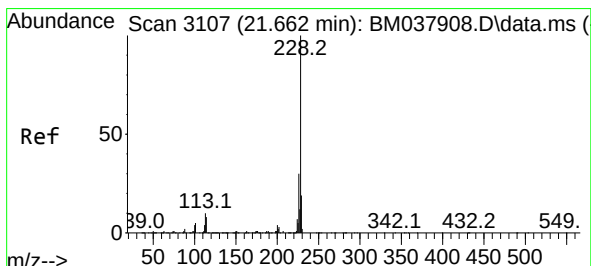
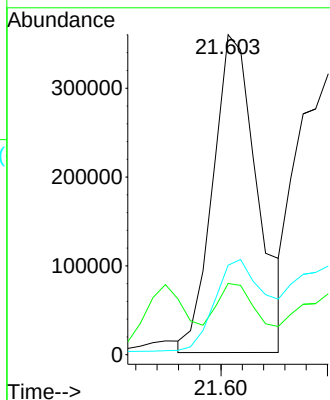
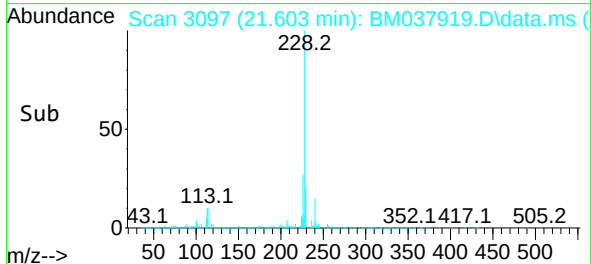
Instrument :
BNA_M
ClientSampleId :
DBXM8



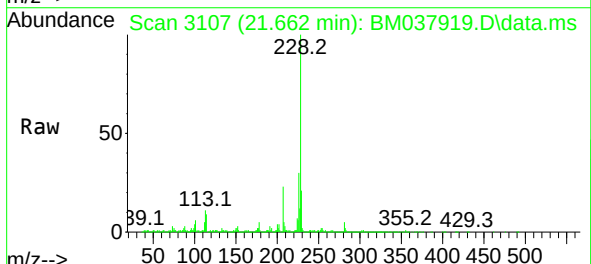
Tgt Ion:228 Resp: 51978
Ion Ratio Lower Upper
228 100
229 22.3 15.5 23.3
226 27.9 21.8 32.8

Manual Integrations
APPROVED

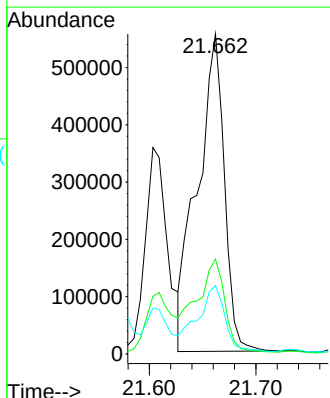
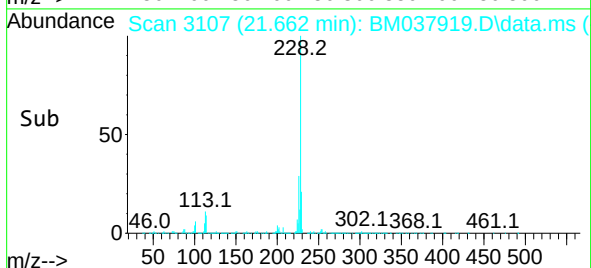
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

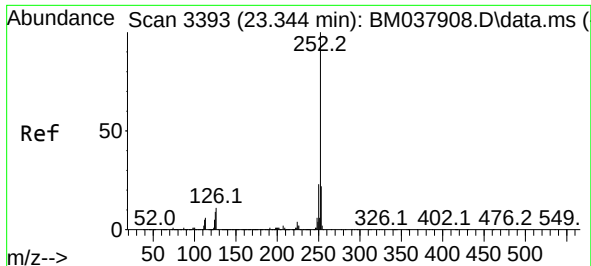


#87
Chrysene
Concen: 16.819 ng/u1
RT: 21.662 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BM037919.D
Acq: 09 Dec 2022 16:29



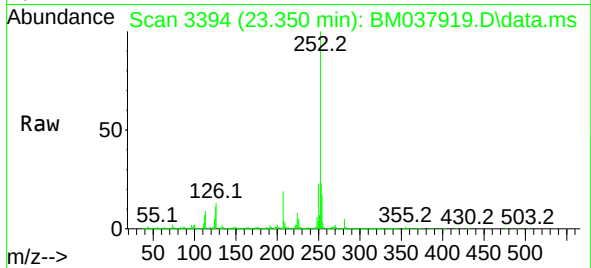
Tgt Ion:228 Resp: 970313
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 21.4 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 33.179 ng/ul
RT: 23.350 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM037919.D
Acq: 09 Dec 2022 16:29

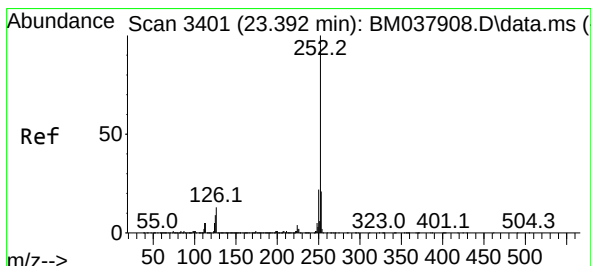
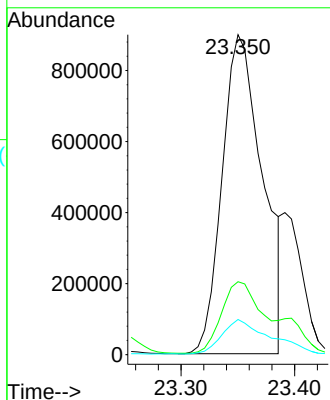
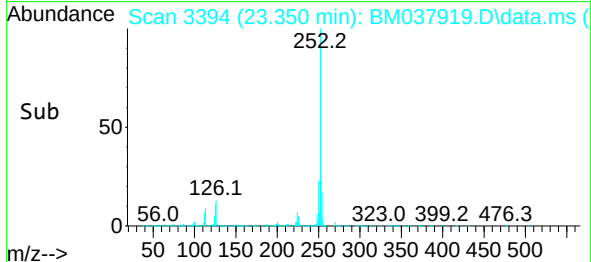
Instrument :
BNA_M
ClientSampleId :
DBXM8



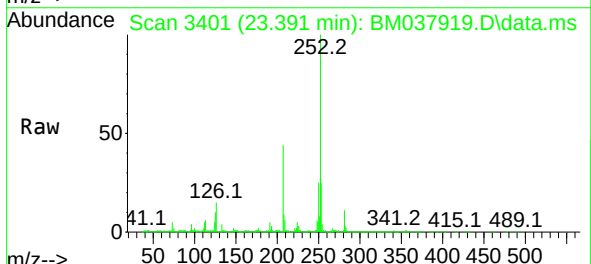
Tgt Ion:252 Resp: 222713
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 11.0 8.0 12.0

Manual Integrations
APPROVED

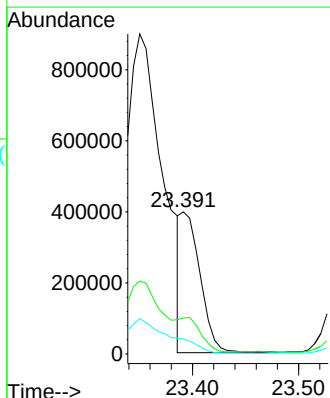
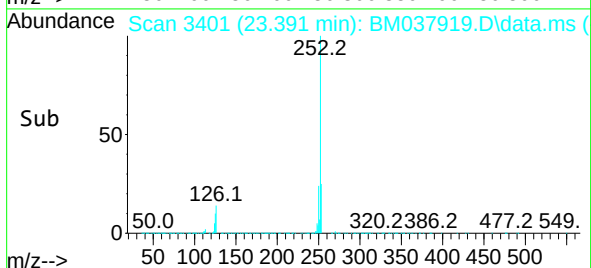
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

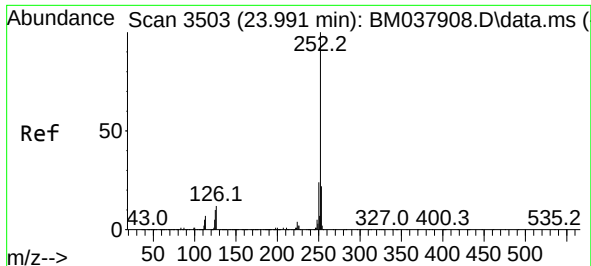


#91
Benzo(k)fluoranthene
Concen: 7.684 ng/ul m
RT: 23.391 min Scan# 3401
Delta R.T. -0.000 min
Lab File: BM037919.D
Acq: 09 Dec 2022 16:29



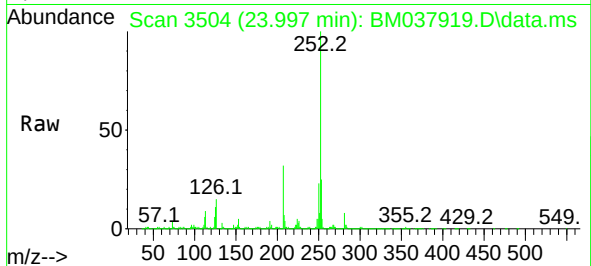
Tgt Ion:252 Resp: 499887
Ion Ratio Lower Upper
252 100
253 25.4 17.4 26.2
125 10.5 8.1 12.1





#93
Benzo(a)pyrene
Concen: 18.353 ng/u1
RT: 23.997 min Scan# 3504
Delta R.T. 0.006 min
Lab File: BM037919.D
Acq: 09 Dec 2022 16:29

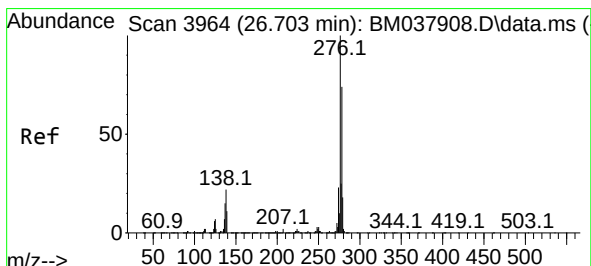
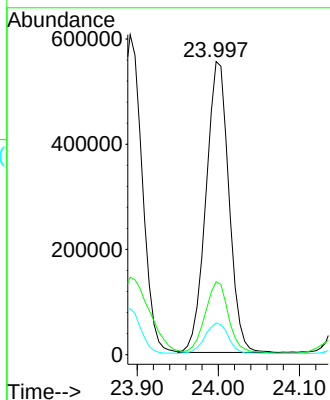
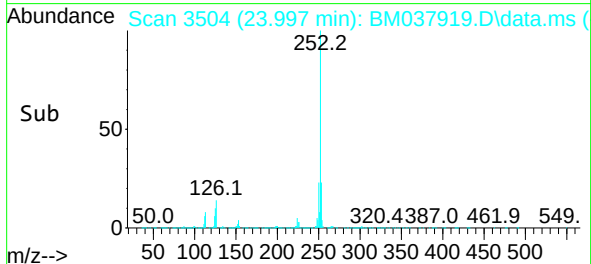
Instrument :
BNA_M
ClientSampleId :
DBXM8



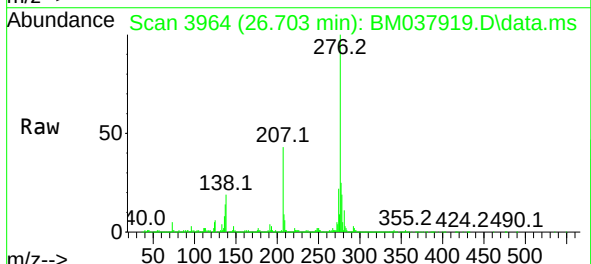
Tgt Ion:252 Resp: 108332
Ion Ratio Lower Upper
252 100
253 24.9 17.4 26.0
125 10.8 9.4 14.0

Manual Integrations
APPROVED

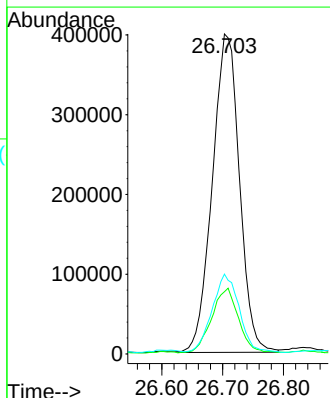
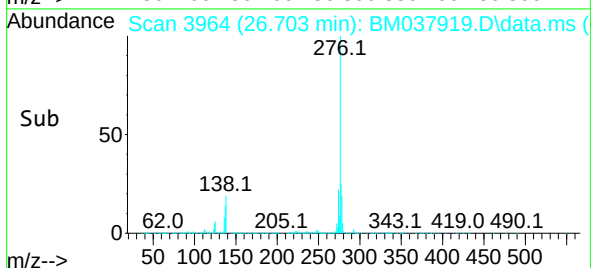
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

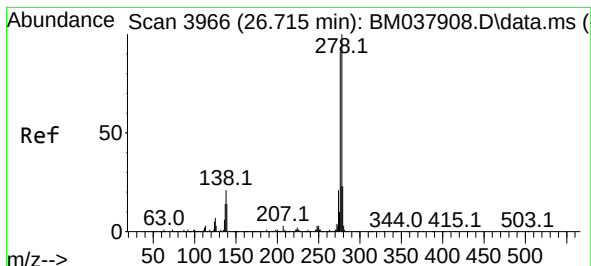


#94
Indeno(1,2,3-cd)pyrene
Concen: 16.266 ng/u1
RT: 26.703 min Scan# 3964
Delta R.T. -0.000 min
Lab File: BM037919.D
Acq: 09 Dec 2022 16:29



Tgt Ion:276 Resp: 1236612
Ion Ratio Lower Upper
276 100
138 19.5 19.3 28.9
277 24.9 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 4.453 ng/ul m

RT: 26.703 min Scan# 3966

Delta R.T. -0.012 min

Lab File: BM037919.D

Acq: 09 Dec 2022 16:29

Instrument :

BNA_M

ClientSampleId :

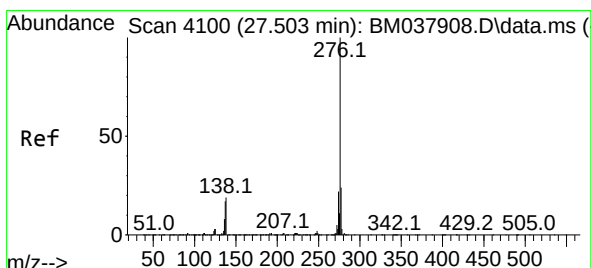
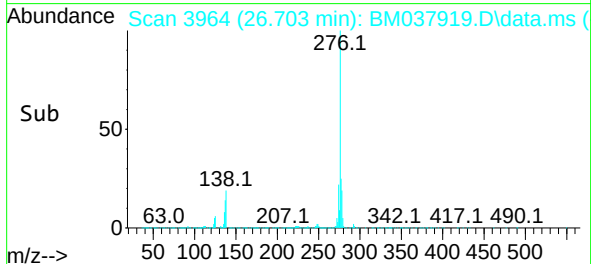
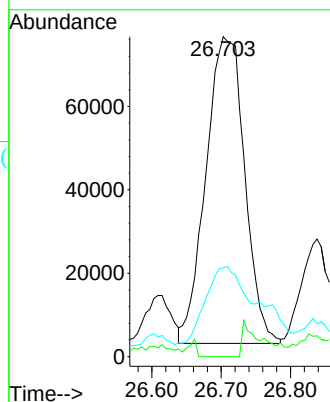
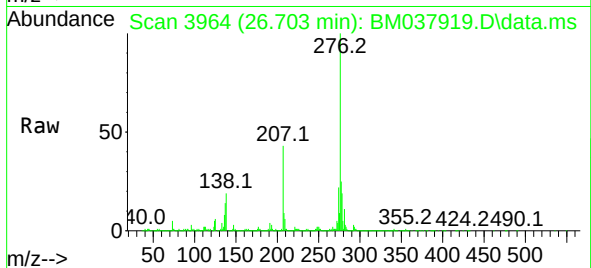
DBXM8

Tgt Ion:	278	Resp:	285378
Ion Ratio	Lower	Upper	
278	100		
139	0.0	12.4	18.6
279	27.8	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: 17.082 ng/ul

RT: 27.515 min Scan# 4102

Delta R.T. 0.012 min

Lab File: BM037919.D

Acq: 09 Dec 2022 16:29

Tgt Ion:	276	Resp:	1036827
Ion Ratio	Lower	Upper	
276	100		
138	20.0	17.1	25.7
277	24.8	18.2	27.4

