

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037901.D
 Acq On : 08 Dec 2022 23:57
 Operator : CG/JU
 Sample : N5832-21 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL6

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 01:51:09 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	8.087	152	332881	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	1280982	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	672419	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	1247985	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	1030156	20.000	ng/u1	0.00
88) Perylene-d12	24.103	264	1181677	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	4523	0.617	ng/uL	0.00
4) Pyridine-d5	3.881	84	24994	1.149	ng/u1	0.02
7) Phenol-d5	7.240	99	90710	3.353	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	56531	3.432	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	77275	3.482	ng/u1	0.00
15) 4-Methylphenol-d8	8.792	113	68020	3.221	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	36314	3.580	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	36146	3.401	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	66359	3.287	ng/u1	0.00
31) 4-Chloroaniline-d4	11.045	131	67587	2.425	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	179949	3.754	ng/u1	-0.01
49) Acenaphthylene-d8	14.410	160	212079	3.620	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	16064	1.966	ng/u1	0.00
60) Fluorene-d10	15.698	176	162263	3.799	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	12947	1.940	ng/u1	0.00
73) Anthracene-d10	17.551	188	242369	4.161	ng/u1	0.00
81) Pyrene-d10	19.833	212	270226	4.367	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	251442	4.260	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.957	128	171021	2.474	ng/u1	98
50) Acenaphthylene	14.439	152	141491	2.196	ng/u1	98
72) Phenanthrene	17.492	178	280650	4.118	ng/u1	99
74) Anthracene	17.586	178	480705	6.941	ng/u1	98
80) Fluoranthene	19.498	202	589247	8.068	ng/u1	98
82) Pyrene	19.862	202	500699	6.588	ng/u1	99
85) Benzo(a)anthracene	21.603	228	246017	3.547	ng/u1	96
87) Chrysene	21.656	228	297855m	4.577	ng/u1	
90) Benzo(b)fluoranthene	23.344	252	838188	11.441	ng/u1	98
91) Benzo(k)fluoranthene	23.392	252	186381m	2.625	ng/u1	
93) Benzo(a)pyrene	23.991	252	314627	4.884	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	26.691	276	458162	5.522	ng/u1#	94
95) Dibenzo(a,h)anthracene	26.703	278	107028	1.530	ng/u1#	83
96) Benzo(g,h,i)perylene	27.497	276	363873	5.493	ng/u1	100

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

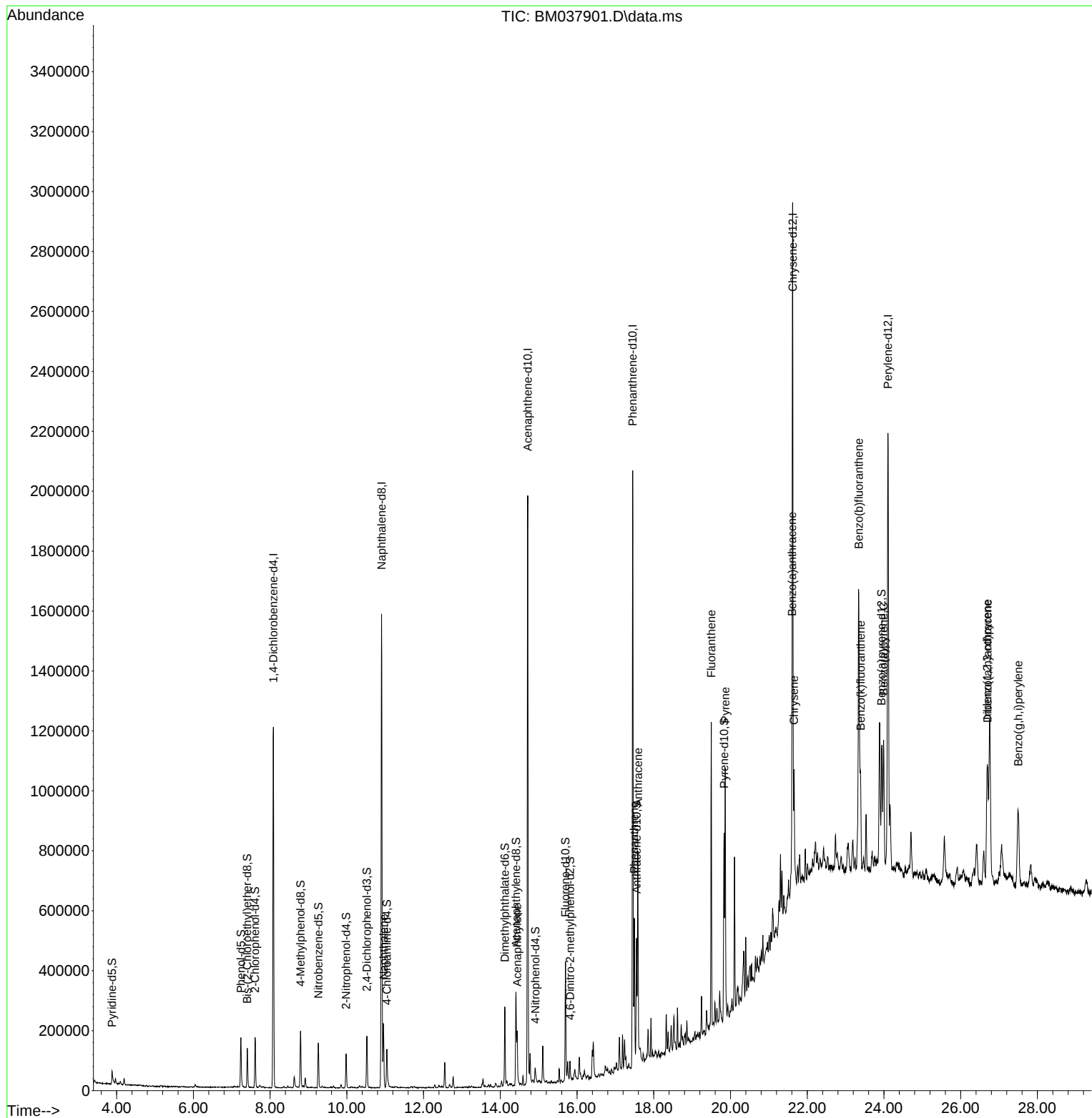
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
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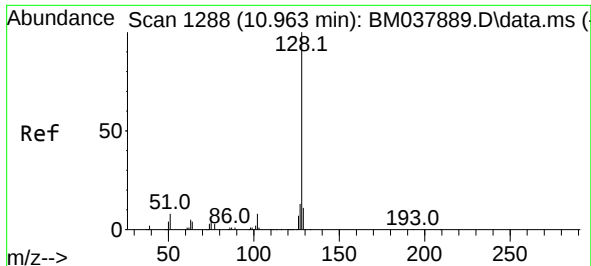
Instrument :
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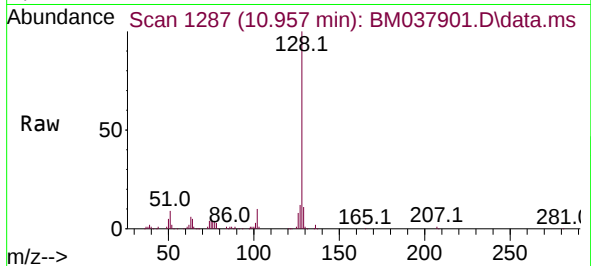
Quant Time: Dec 09 01:51:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
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#30
Naphthalene
Concen: 2.474 ng/ul
RT: 10.957 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM037901.D
Acq: 08 Dec 2022 23:57

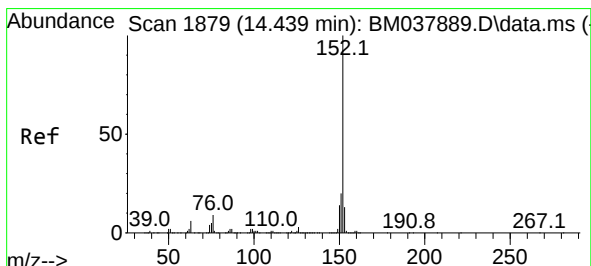
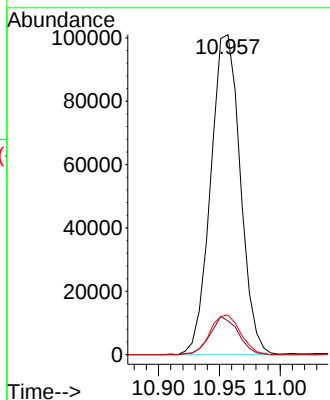
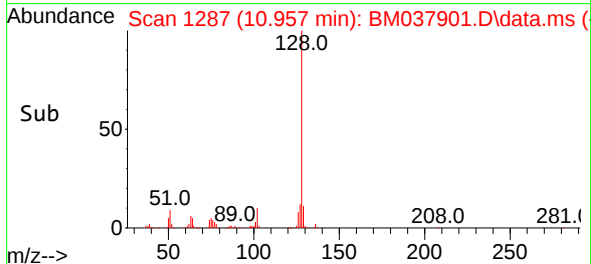
Instrument :
BNA_M
ClientSampleId :
DBXL6



Tgt Ion:128 Resp: 171021
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 12.4 10.4 15.6

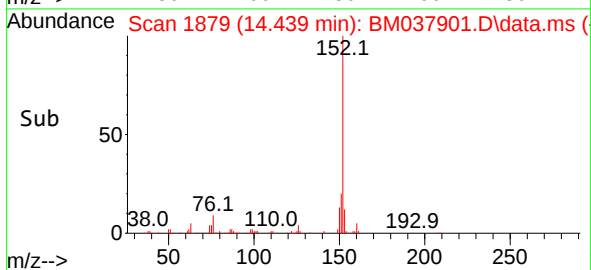
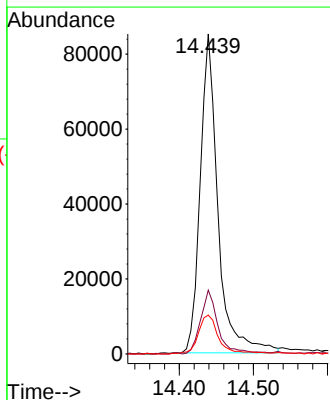
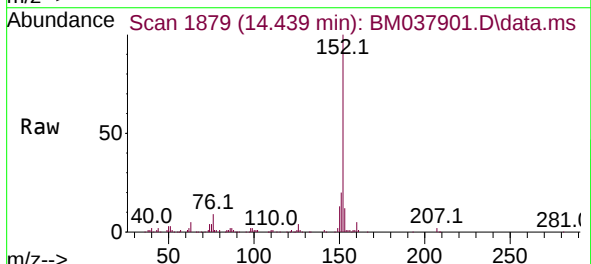
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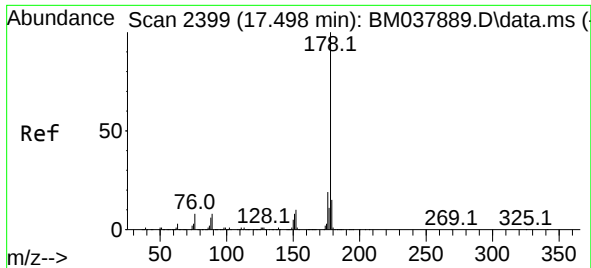
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#50
Acenaphthylene
Concen: 2.196 ng/ul
RT: 14.439 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BM037901.D
Acq: 08 Dec 2022 23:57

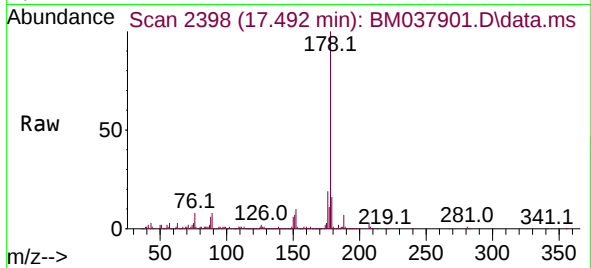
Tgt Ion:152 Resp: 141491
Ion Ratio Lower Upper
152 100
151 20.0 15.3 22.9
153 12.1 10.2 15.4





#72
Phenanthrene
Concen: 4.118 ng/ul
RT: 17.492 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BM037901.D
Acq: 08 Dec 2022 23:57

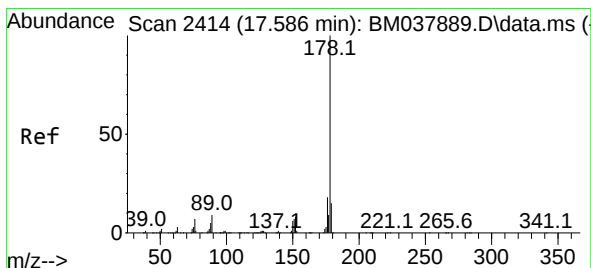
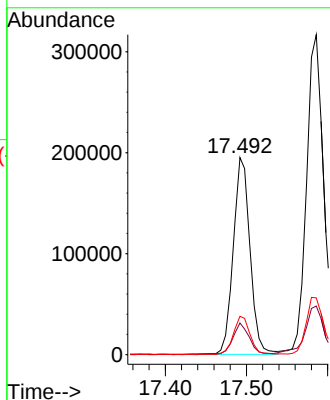
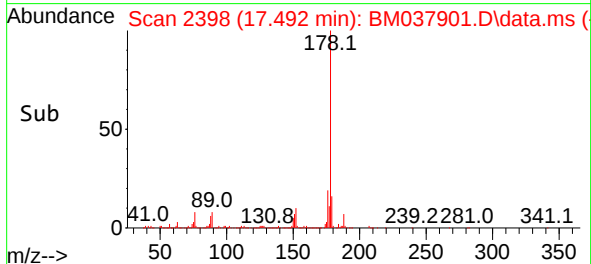
Instrument :
BNA_M
ClientSampleId :
DBXL6



Tgt Ion:178 Resp: 280650
Ion Ratio Lower Upper
178 100
179 16.0 12.2 18.2
176 19.5 15.4 23.0

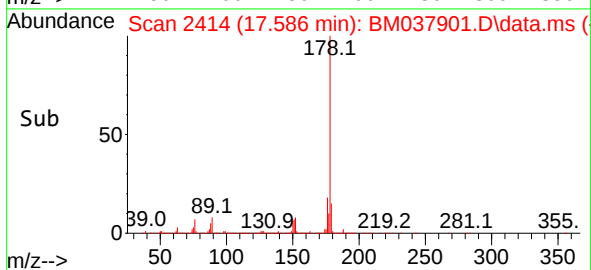
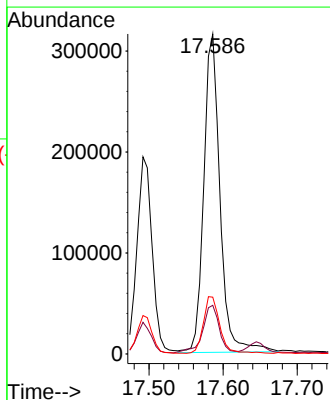
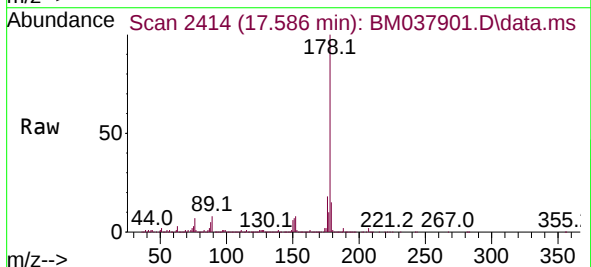
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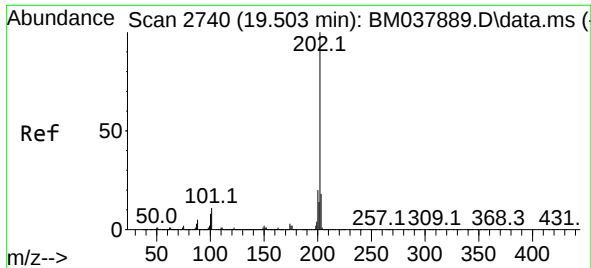
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#74
Anthracene
Concen: 6.941 ng/ul
RT: 17.586 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BM037901.D
Acq: 08 Dec 2022 23:57

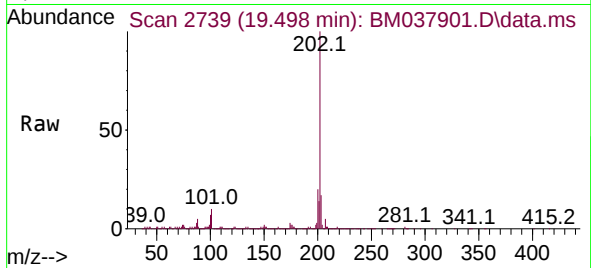
Tgt Ion:178 Resp: 480705
Ion Ratio Lower Upper
178 100
179 15.2 11.8 17.8
176 17.7 15.0 22.6





#80
Fluoranthene
Concen: 8.068 ng/uI
RT: 19.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037901.D
Acq: 08 Dec 2022 23:57

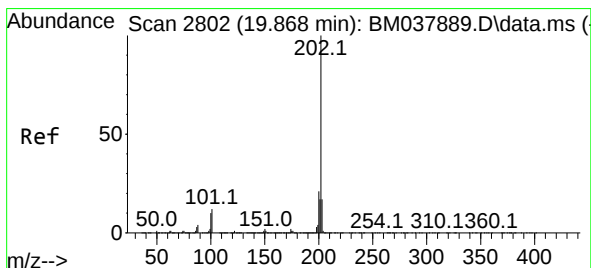
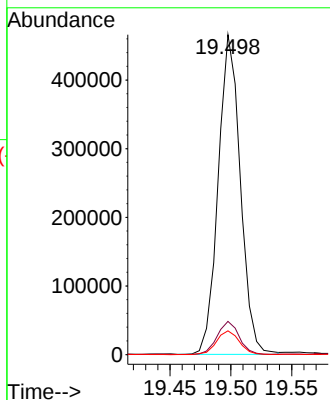
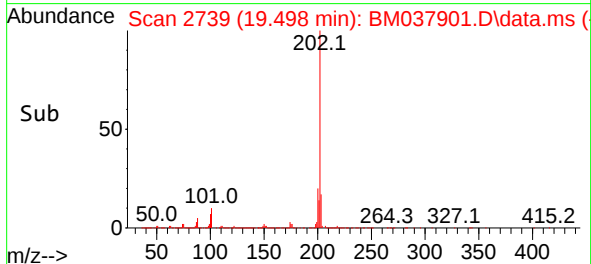
Instrument :
BNA_M
ClientSampleId :
DBXL6



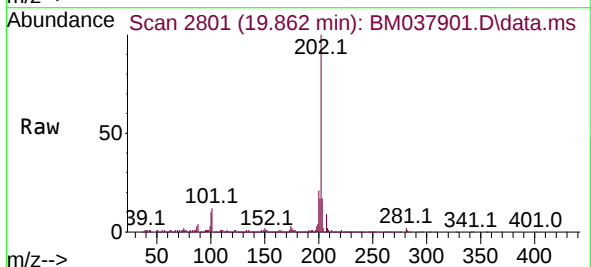
Tgt Ion:202 Resp: 58924
Ion Ratio Lower Upper
202 100
101 10.4 8.6 13.0
100 7.4 6.6 10.0

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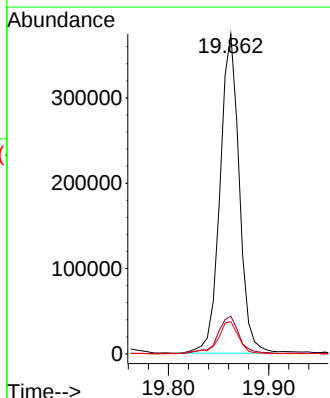
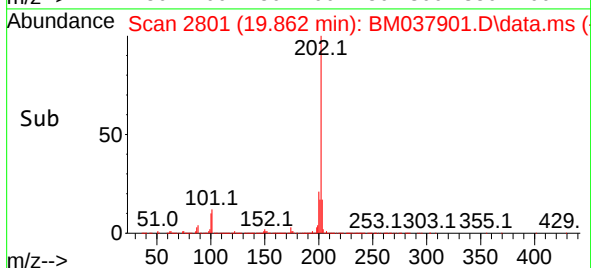
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

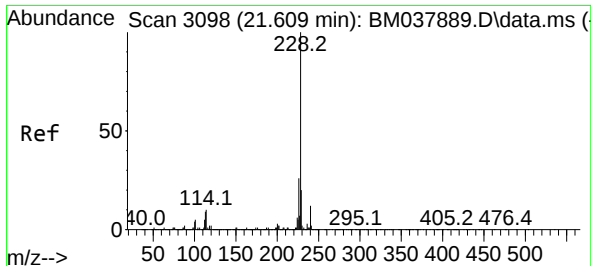


#82
Pyrene
Concen: 6.588 ng/uI
RT: 19.862 min Scan# 2801
Delta R.T. -0.006 min
Lab File: BM037901.D
Acq: 08 Dec 2022 23:57



Tgt Ion:202 Resp: 500699
Ion Ratio Lower Upper
202 100
101 11.8 10.0 15.0
100 10.1 7.9 11.9





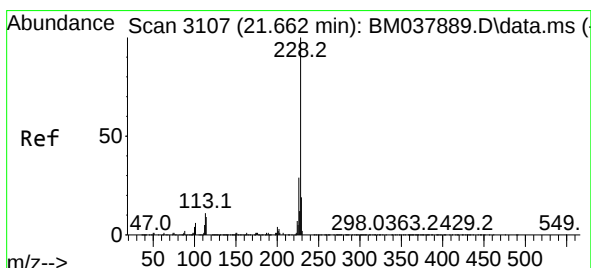
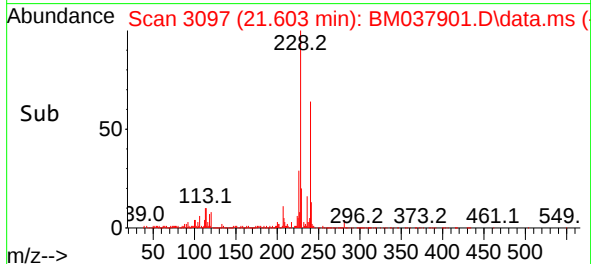
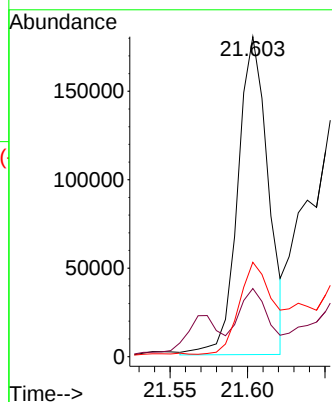
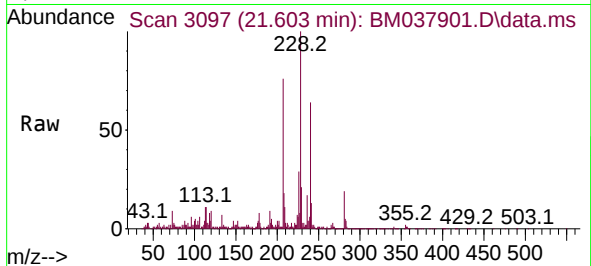
#85
Benzo(a)anthracene
Concen: 3.547 ng/ul
RT: 21.603 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BM037901.D
Acq: 08 Dec 2022 23:57

Instrument :
BNA_M
ClientSampleId :
DBXL6

Tgt Ion:228 Resp: 246017
Ion Ratio Lower Upper
228 100
229 21.3 15.5 23.3
226 29.5 21.8 32.8

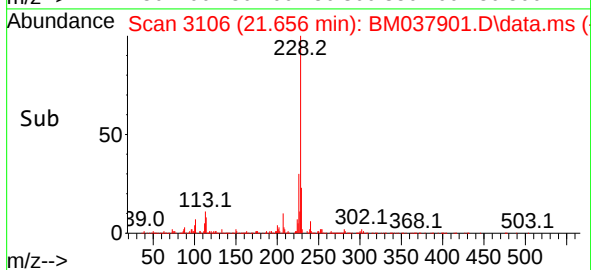
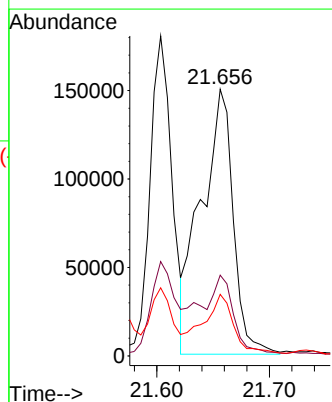
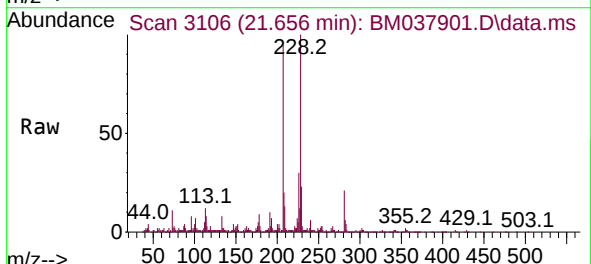
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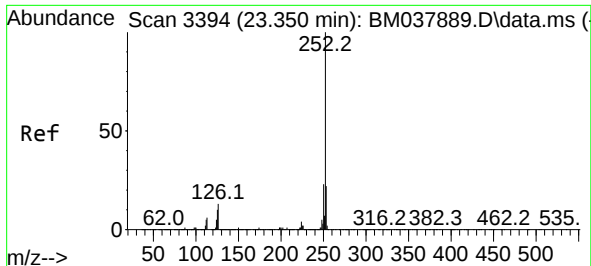
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#87
Chrysene
Concen: 4.577 ng/ul m
RT: 21.656 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM037901.D
Acq: 08 Dec 2022 23:57

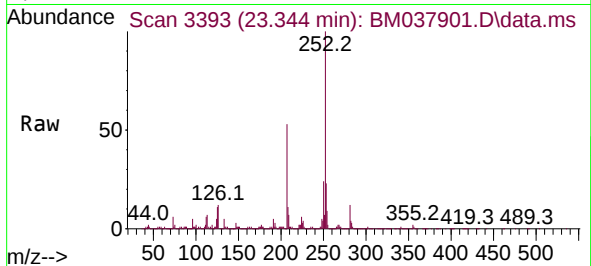
Tgt Ion:228 Resp: 297855
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 23.1 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 11.441 ng/ul
RT: 23.344 min Scan# 3394
Delta R.T. 0.000 min
Lab File: BM037901.D
Acq: 08 Dec 2022 23:57

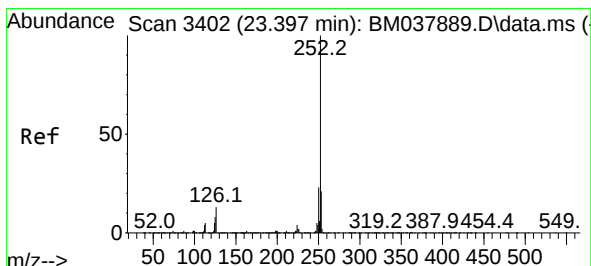
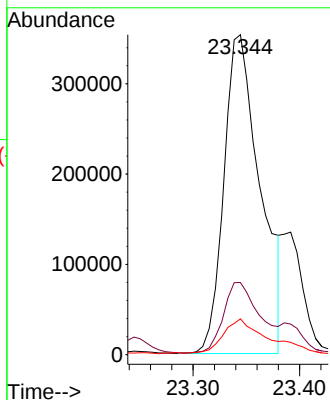
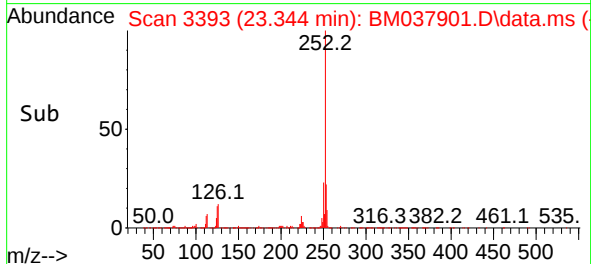
Instrument :
BNA_M
ClientSampleId :
DBXL6



Tgt Ion:252 Resp: 838188
Ion Ratio Lower Upper
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253 22.5 17.6 26.4
125 11.2 8.0 12.0

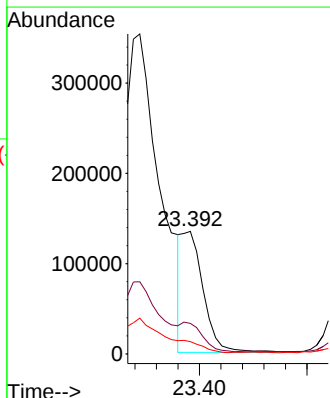
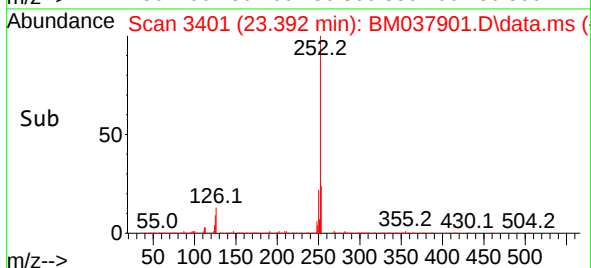
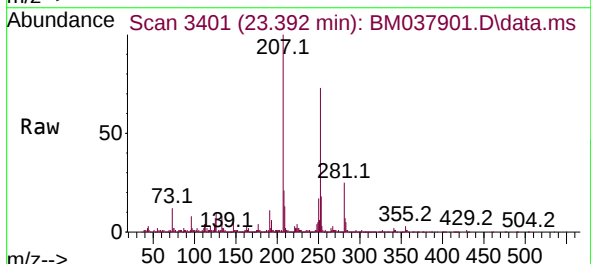
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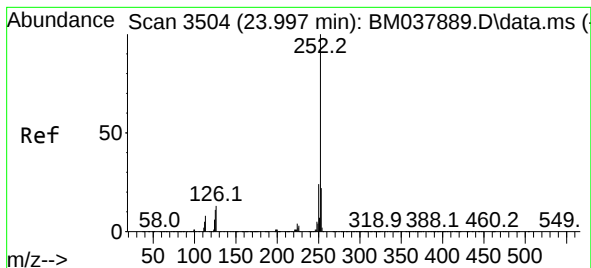
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#91
Benzo(k)fluoranthene
Concen: 2.625 ng/ul m
RT: 23.392 min Scan# 3401
Delta R.T. -0.006 min
Lab File: BM037901.D
Acq: 08 Dec 2022 23:57

Tgt Ion:252 Resp: 186381
Ion Ratio Lower Upper
252 100
253 24.9 17.4 26.2
125 9.9 8.1 12.1





#93

Benzo(a)pyrene

Concen: 4.884 ng/ul

RT: 23.991 min Scan# 31462

Delta R.T. -0.006 min

Lab File: BM037901.D

Acq: 08 Dec 2022 23:57

Instrument :

BNA_M

ClientSampleId :

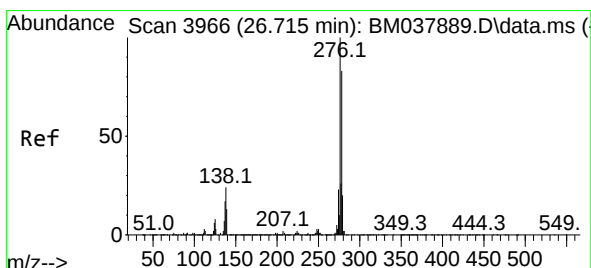
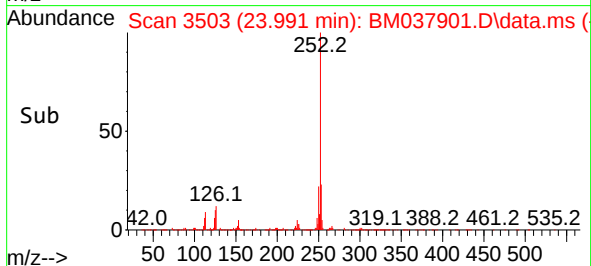
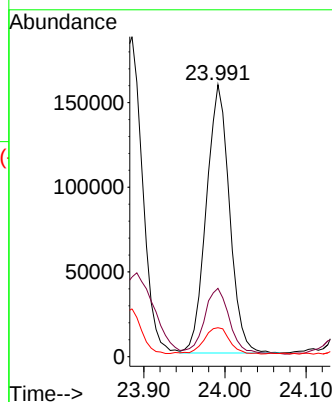
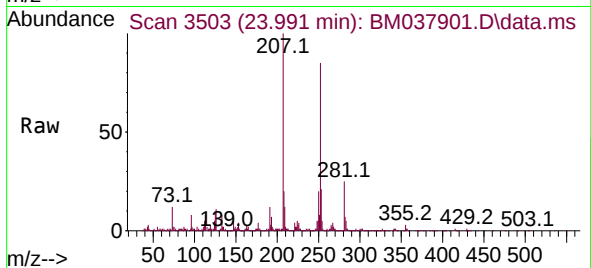
DBXL6

Tgt Ion:	252	Resp:	31462
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.4	26.0
125	10.6	9.4	14.0

Manual Integrations

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Supervised By :mohammad ahmed 12/10/2022



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.522 ng/ul

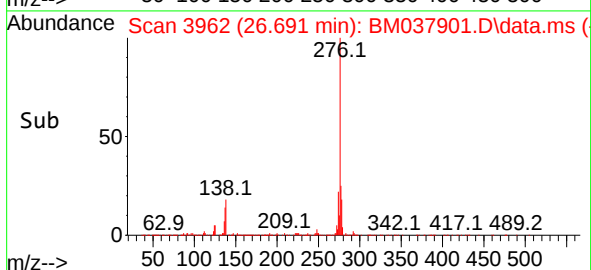
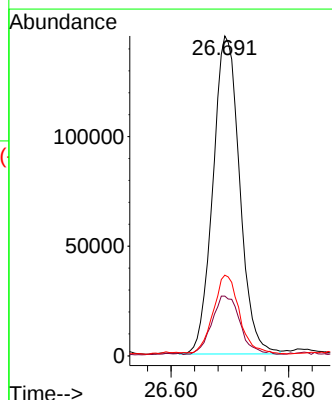
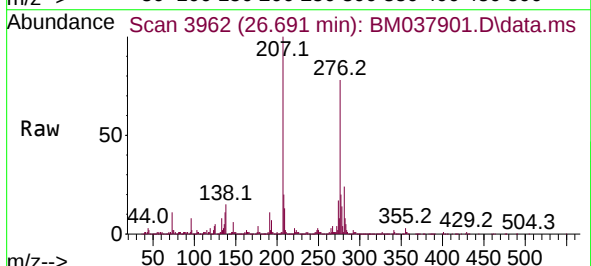
RT: 26.691 min Scan# 3962

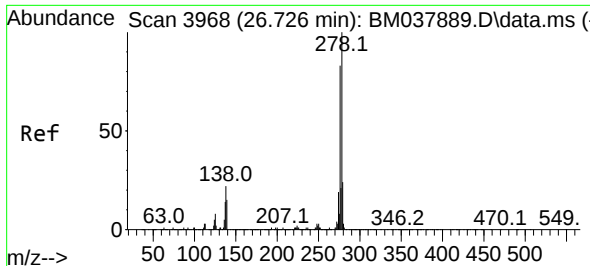
Delta R.T. -0.018 min

Lab File: BM037901.D

Acq: 08 Dec 2022 23:57

Tgt Ion:	276	Resp:	458162
Ion Ratio	Lower	Upper	
276	100		
138	18.7	19.3	28.9#
277	25.2	19.8	29.8





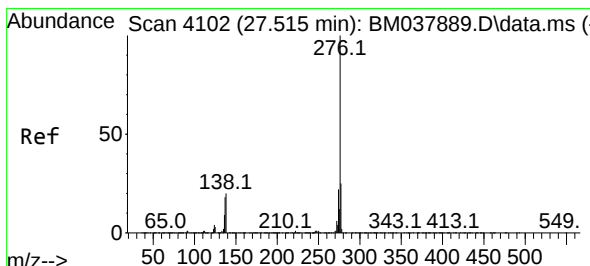
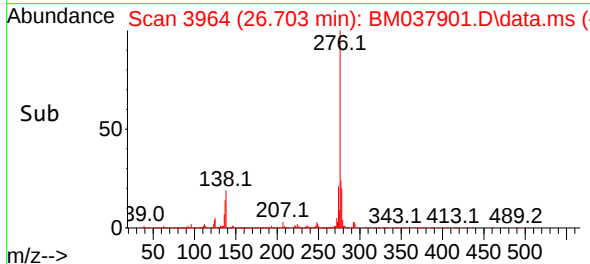
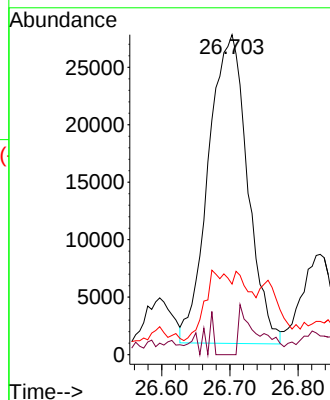
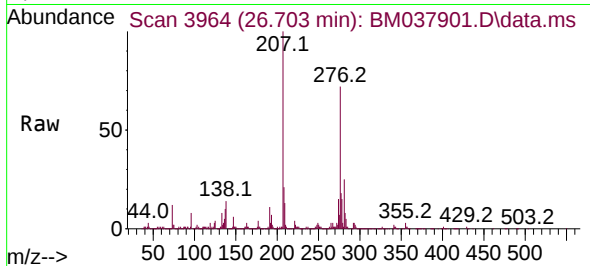
#95
Dibenzo(a,h)anthracene
Concen: 1.530 ng/ul
RT: 26.703 min Scan# 3964
Delta R.T. -0.023 min
Lab File: BM037901.D
Acq: 08 Dec 2022 23:57

Instrument :
BNA_M
ClientSampleId :
DBXL6

Tgt Ion:278 Resp: 107028
Ion Ratio Lower Upper
278 100
139 0.0 12.4 18.6
279 22.0 19.8 29.6

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 5.493 ng/ul
RT: 27.497 min Scan# 4099
Delta R.T. -0.018 min
Lab File: BM037901.D
Acq: 08 Dec 2022 23:57

Tgt Ion:276 Resp: 363873
Ion Ratio Lower Upper
276 100
138 21.1 17.1 25.7
277 22.8 18.2 27.4

