

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
 Data File : BM037911.D
 Acq On : 09 Dec 2022 11:36
 Operator : CG/JU
 Sample : N5832-19DL 30X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL4DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 21:47:12 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	234714	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	926950	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.715	164	500004	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	972267	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	777012	20.000	ng/u1	0.00
88) Perylene-d12	24.103	264	857208	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	1164	0.225	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.234	99	13262	0.695	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	8940	0.770	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	11522	0.736	ng/u1	0.00
15) 4-Methylphenol-d8	8.792	113	9491	0.637	ng/u1	0.00
21) Nitrobenzene-d5	9.251	128	5456	0.743	ng/u1	0.00
24) 2-Nitrophenol-d4	9.980	143	4568	0.594	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.527	165	9005	0.616	ng/u1	0.00
31) 4-Chloroaniline-d4	11.051	131	7166	0.355	ng/u1	0.01
46) Dimethylphthalate-d6	14.115	166	27577	0.774	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	32202	0.739	ng/u1	0.00
54) 4-Nitrophenol-d4	14.921	143	1347	0.222	ng/u1	0.02
60) Fluorene-d10	15.698	176	26449	0.833	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.551	188	49812	1.098	ng/u1	0.00
81) Pyrene-d10	19.833	212	44061	0.944	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.938	264	38268	0.894	ng/u1	0.00
Target Compounds					Qvalue	
36) 2-Methylnaphthalene	12.551	142	37238	1.148	ng/u1	97
61) Fluorene	15.757	166	170646	4.625	ng/u1	99
72) Phenanthrene	17.492	178	553964	10.433	ng/u1	99
74) Anthracene	17.592	178	4448382	82.441	ng/u1	99
80) Fluoranthene	19.497	202	820466	14.894	ng/u1	99
82) Pyrene	19.862	202	1020514	17.801	ng/u1	98
85) Benzo(a)anthracene	21.603	228	251304	4.804	ng/u1	99
87) Chrysene	21.656	228	396608	8.081	ng/u1	97
90) Benzo(b)fluoranthene	23.344	252	497886	9.369	ng/u1	99
91) Benzo(k)fluoranthene	23.385	252	126973m	2.465	ng/u1	
93) Benzo(a)pyrene	23.991	252	207659m	4.444	ng/u1	
94) Indeno(1,2,3-cd)pyrene	26.697	276	125782	2.090	ng/u1	95
96) Benzo(g,h,i)perylene	27.497	276	97541	2.030	ng/u1	95

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

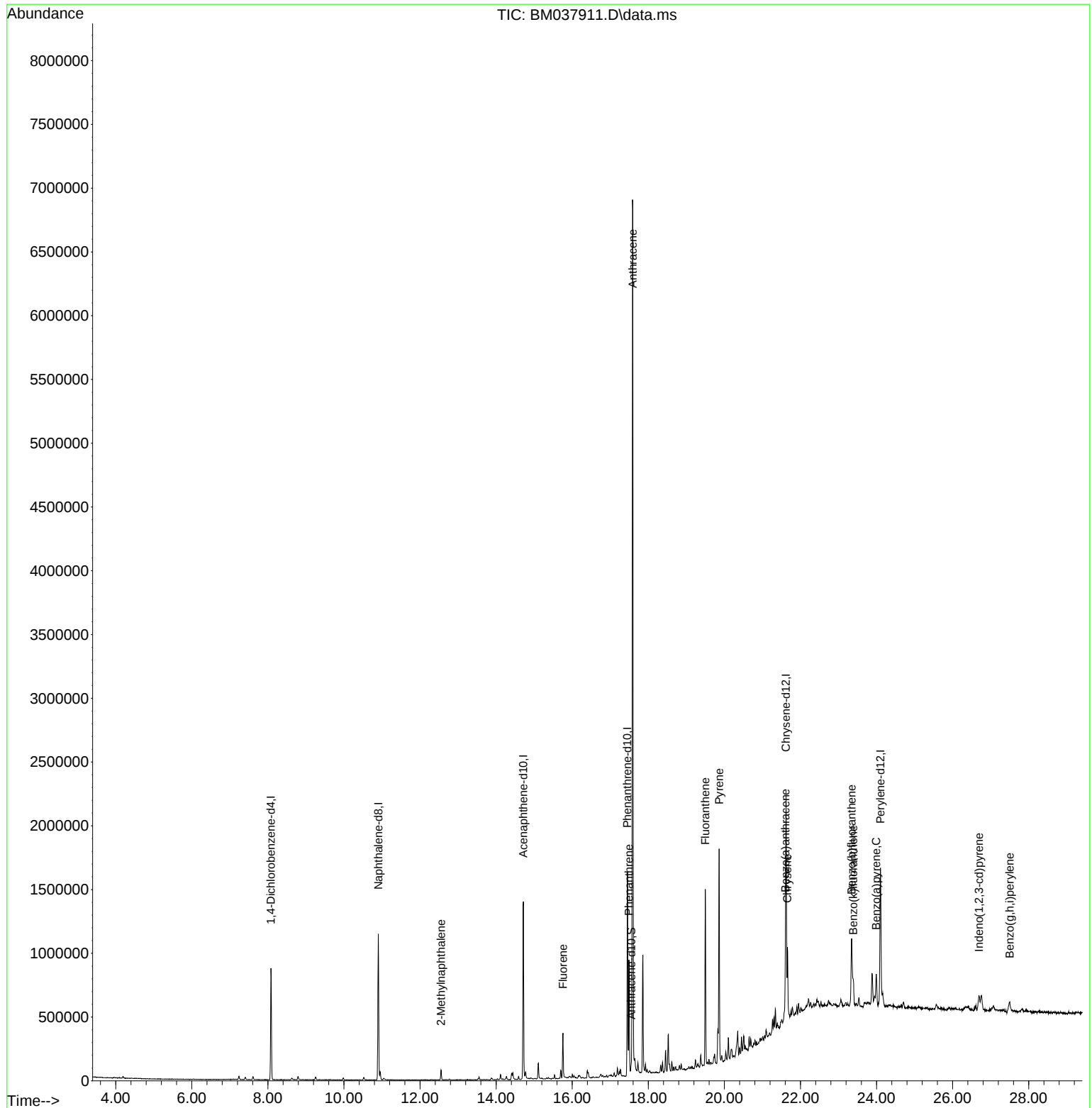
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037911.D
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ALS Vial : 5 Sample Multiplier: 1

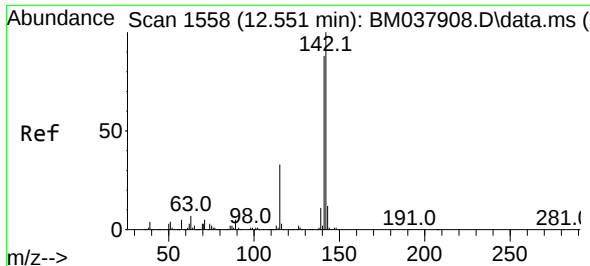
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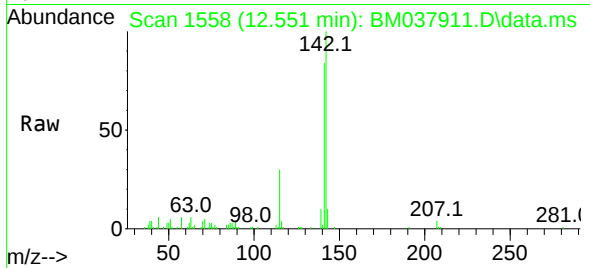
Quant Time: Dec 09 21:47:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration





#36
2-Methylnaphthalene
Concen: 1.148 ng/ul
RT: 12.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM037911.D
Acq: 09 Dec 2022 11:36

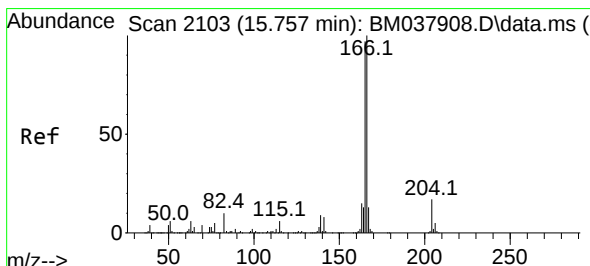
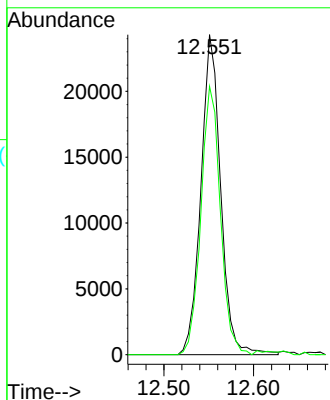
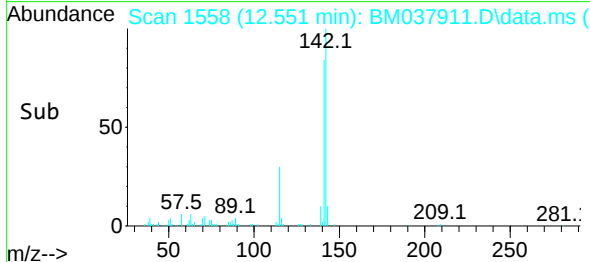
Instrument :
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ClientSampleId :
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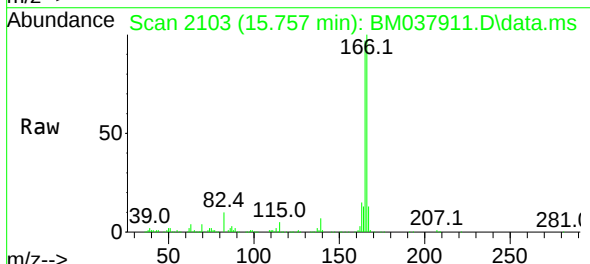
Tgt Ion:142 Resp: 37238
Ion Ratio Lower Upper
142 100
141 83.9 69.4 104.0

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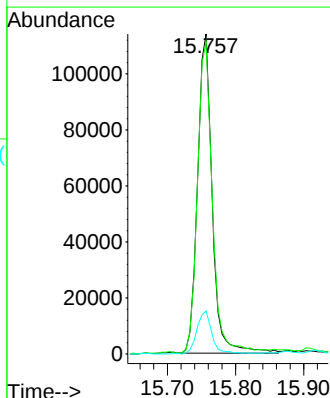
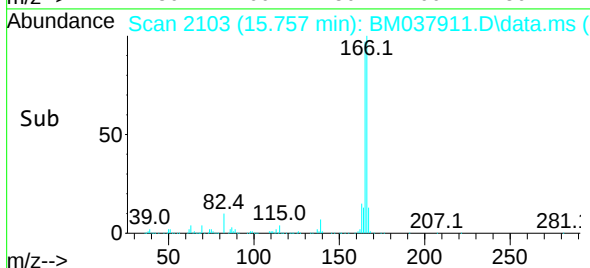
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

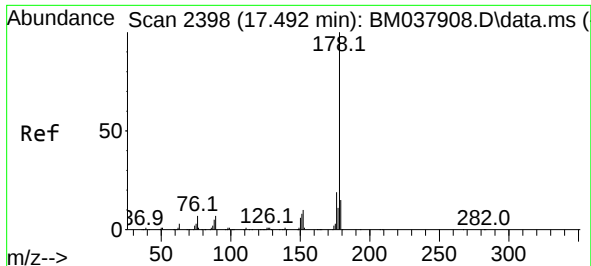


#61
Fluorene
Concen: 4.625 ng/ul
RT: 15.757 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BM037911.D
Acq: 09 Dec 2022 11:36



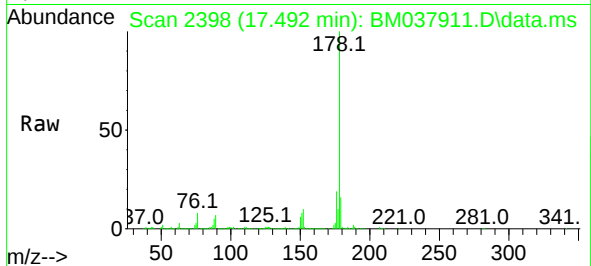
Tgt Ion:166 Resp: 170646
Ion Ratio Lower Upper
166 100
165 97.4 77.2 115.8
167 13.4 10.4 15.6





#72
Phenanthrene
Concen: 10.433 ng/ul
RT: 17.492 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037911.D
Acq: 09 Dec 2022 11:36

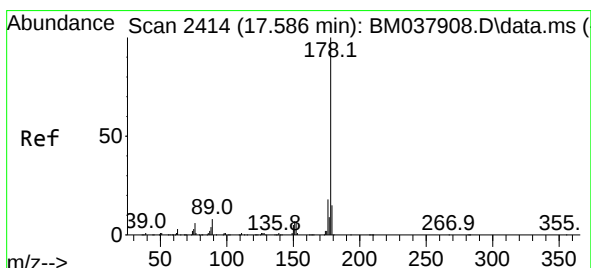
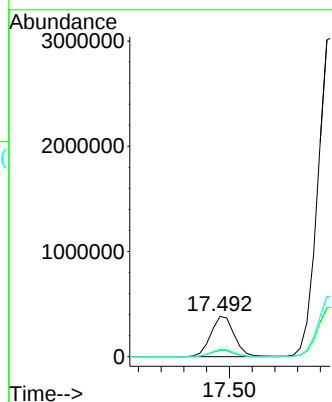
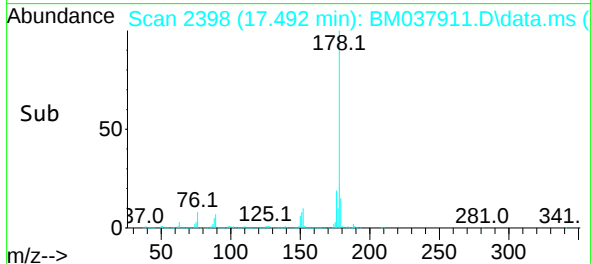
Instrument :
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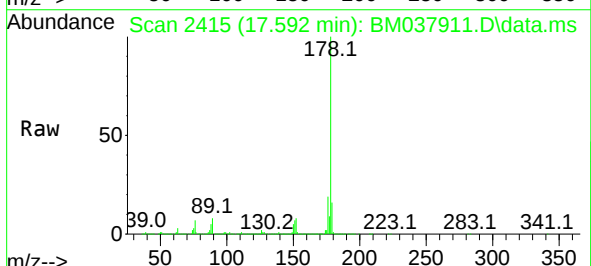
Tgt Ion:178 Resp: 553964
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 18.8 15.4 23.0

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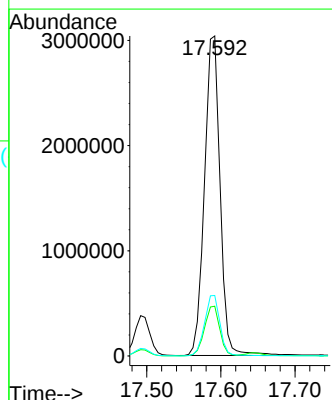
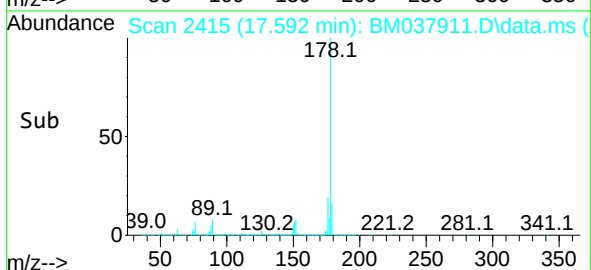
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

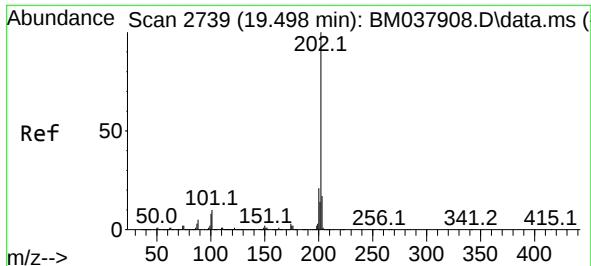


#74
Anthracene
Concen: 82.441 ng/ul
RT: 17.592 min Scan# 2415
Delta R.T. 0.006 min
Lab File: BM037911.D
Acq: 09 Dec 2022 11:36



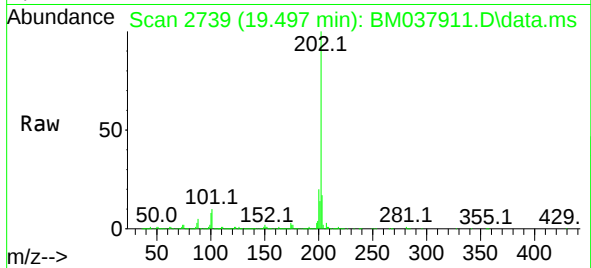
Tgt Ion:178 Resp: 4448382
Ion Ratio Lower Upper
178 100
179 15.6 11.8 17.8
176 18.9 15.0 22.6





#80
Fluoranthene
Concen: 14.894 ng/u1
RT: 19.497 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037911.D
Acq: 09 Dec 2022 11:36

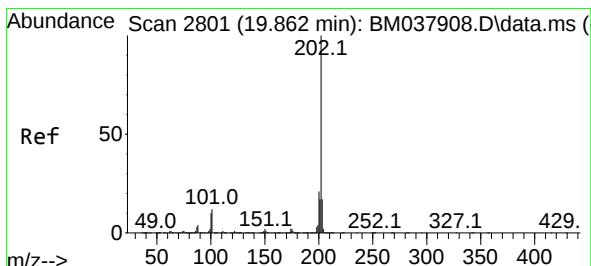
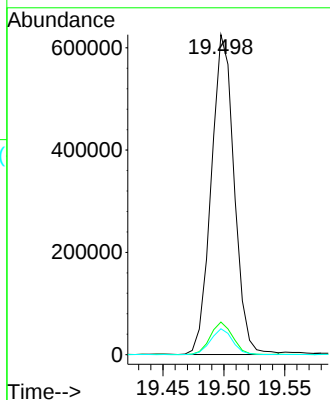
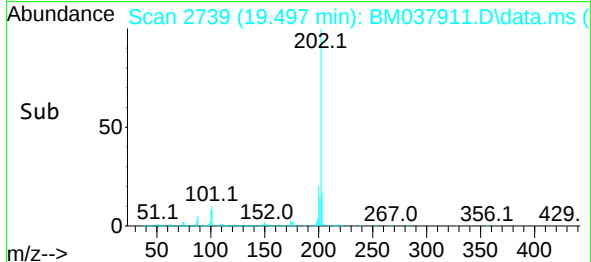
Instrument :
BNA_M
ClientSampleId :
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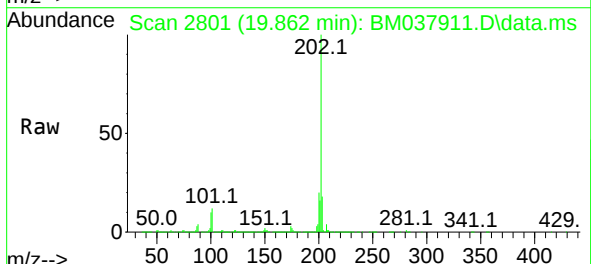
Tgt Ion:202 Resp: 820460
Ion Ratio Lower Upper
202 100
101 10.2 8.6 13.0
100 8.1 6.6 10.0

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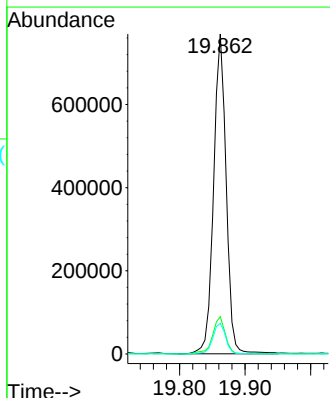
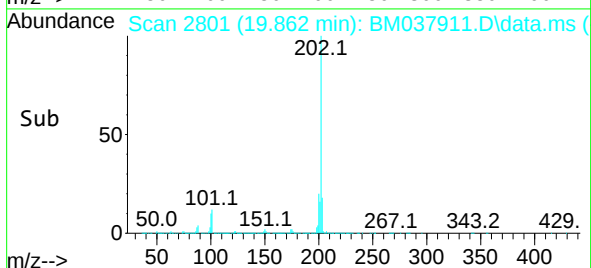
Reviewed By :Jagrut Upadhyay 12/10/2022
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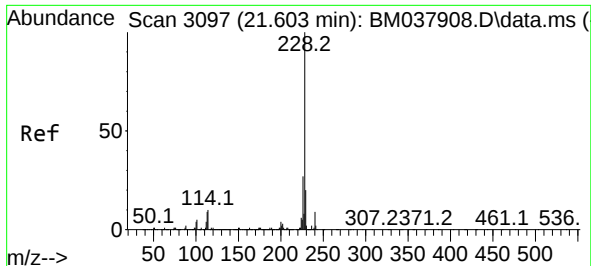


#82
Pyrene
Concen: 17.801 ng/u1
RT: 19.862 min Scan# 2801
Delta R.T. -0.000 min
Lab File: BM037911.D
Acq: 09 Dec 2022 11:36



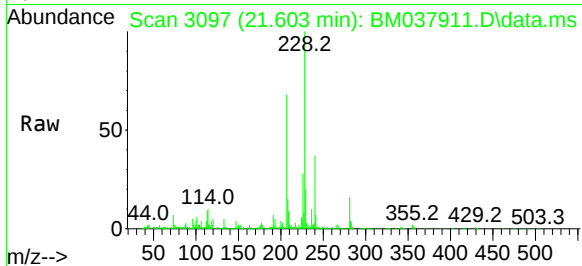
Tgt Ion:202 Resp: 1020514
Ion Ratio Lower Upper
202 100
101 11.7 10.0 15.0
100 9.6 7.9 11.9





#85
Benzo(a)anthracene
Concen: 4.804 ng/u1
RT: 21.603 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BM037911.D
Acq: 09 Dec 2022 11:36

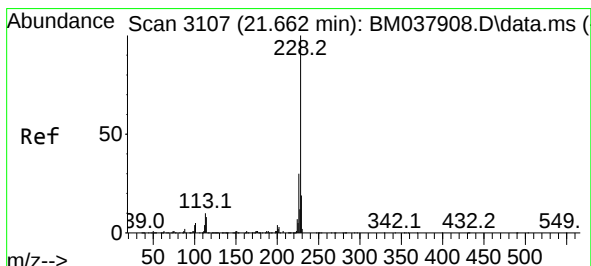
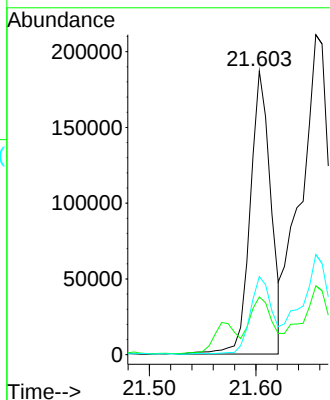
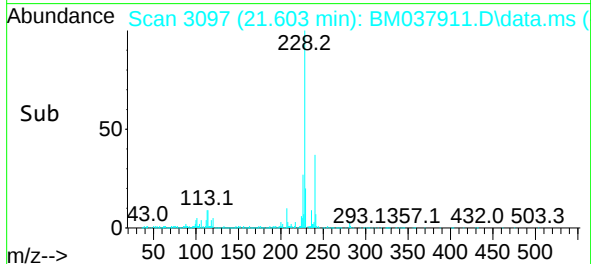
Instrument :
BNA_M
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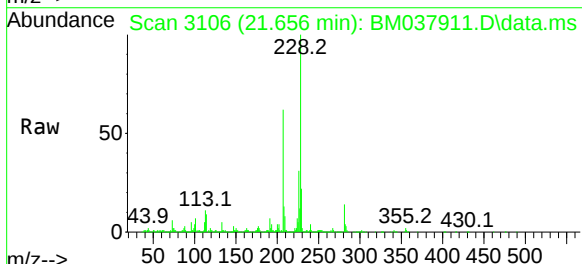
Tgt Ion:228 Resp: 251304
Ion Ratio Lower Upper
228 100
229 20.4 15.5 23.3
226 27.5 21.8 32.8

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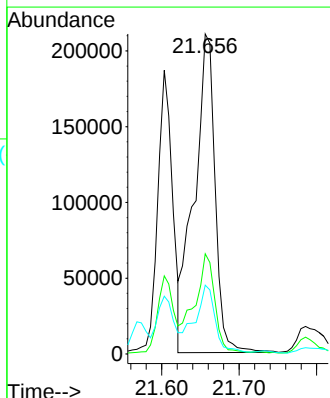
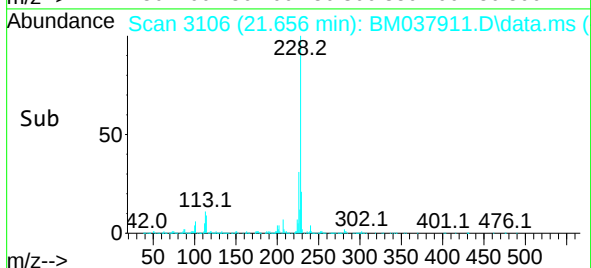
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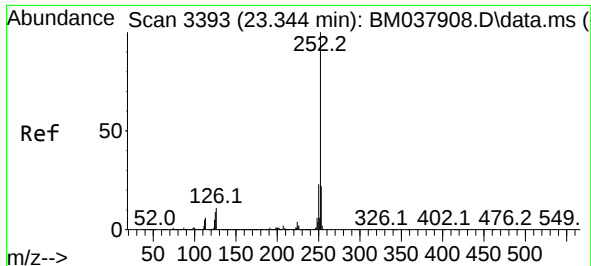


#87
Chrysene
Concen: 8.081 ng/u1
RT: 21.656 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM037911.D
Acq: 09 Dec 2022 11:36



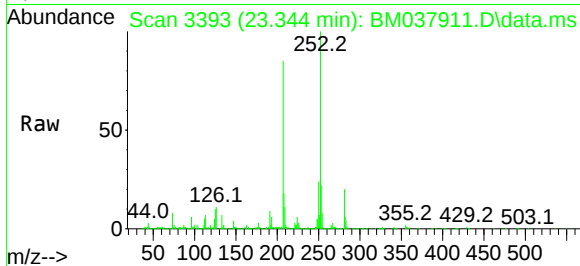
Tgt Ion:228 Resp: 396608
Ion Ratio Lower Upper
228 100
226 31.3 24.3 36.5
229 21.5 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 9.369 ng/ul
RT: 23.344 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM037911.D
Acq: 09 Dec 2022 11:36

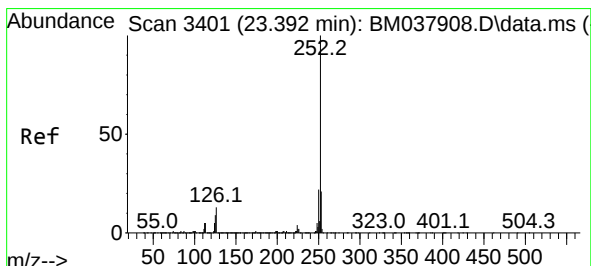
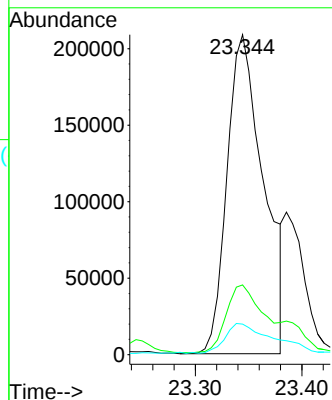
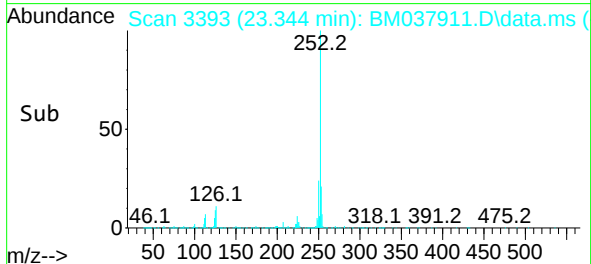
Instrument :
BNA_M
ClientSampleId :
DBXL4DL



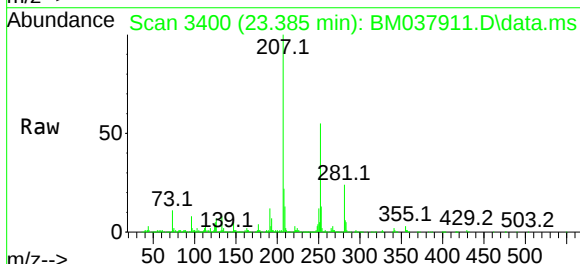
Tgt Ion:252 Resp: 497880
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.5 8.0 12.0

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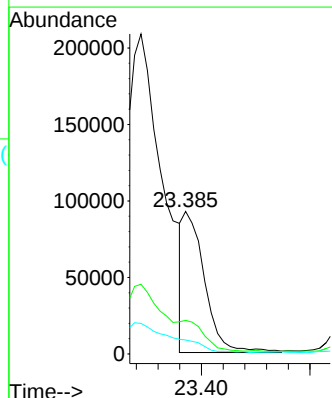
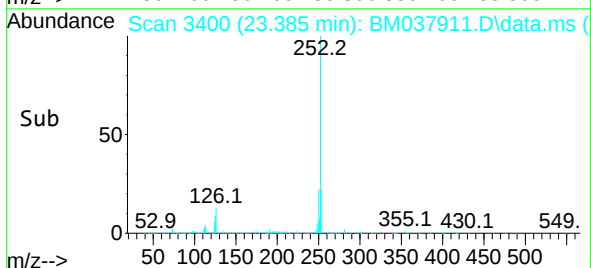
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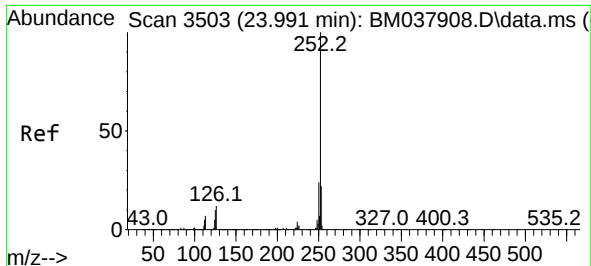


#91
Benzo(k)fluoranthene
Concen: 2.465 ng/ul m
RT: 23.385 min Scan# 3400
Delta R.T. -0.006 min
Lab File: BM037911.D
Acq: 09 Dec 2022 11:36



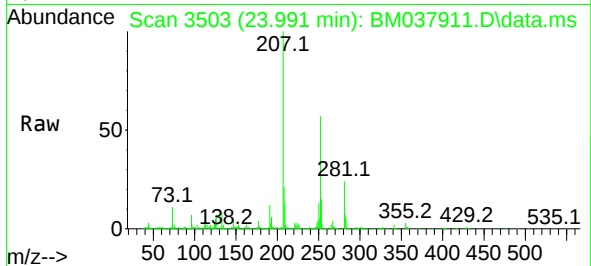
Tgt Ion:252 Resp: 126973
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 9.8 8.1 12.1





#93
Benzo(a)pyrene
Concen: 4.444 ng/ul m
RT: 23.991 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037911.D
Acq: 09 Dec 2022 11:36

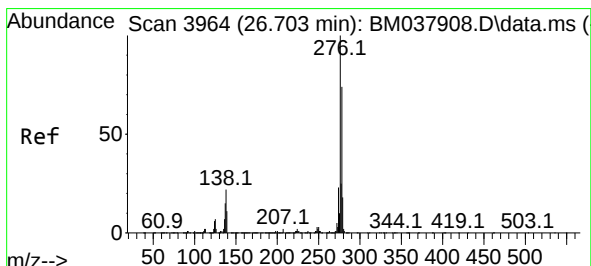
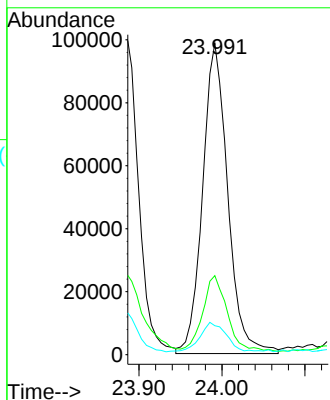
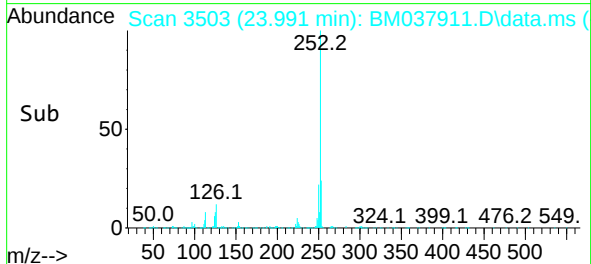
Instrument :
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Tgt Ion:252 Resp: 207659
Ion Ratio Lower Upper
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253 25.4 17.4 26.0
125 9.3 9.4 14.0

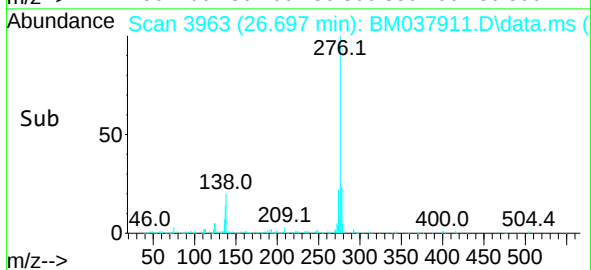
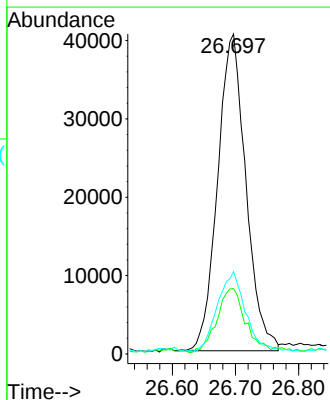
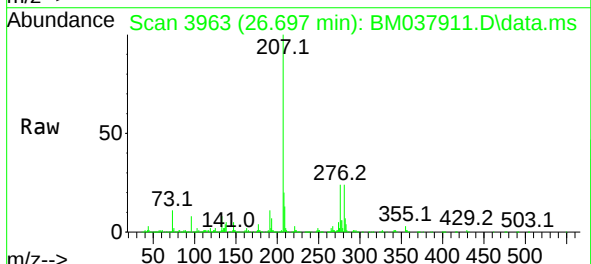
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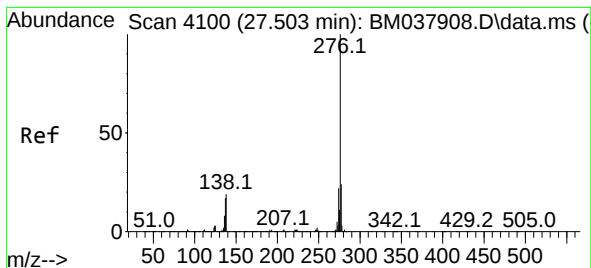
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.090 ng/ul
RT: 26.697 min Scan# 3963
Delta R.T. -0.006 min
Lab File: BM037911.D
Acq: 09 Dec 2022 11:36

Tgt Ion:276 Resp: 125782
Ion Ratio Lower Upper
276 100
138 20.4 19.3 28.9
277 25.7 19.8 29.8





#96

Benzo(g,h,i)perylene

Concen: 2.030 ng/ul

RT: 27.497 min Scan# 4099

Delta R.T. -0.006 min

Lab File: BM037911.D

Acq: 09 Dec 2022 11:36

Instrument :

BNA_M

ClientSampleId :

DBXL4DL

Tgt Ion:276 Resp: 9754

Ion Ratio Lower Upper

276 100

138 19.6 17.1 25.7

277 25.5 18.2 27.4

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