

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
 Data File : BM037924.D
 Acq On : 09 Dec 2022 19:35
 Operator : CG/JU
 Sample : N5896-01DL 20X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL9DL

Quant Time: Dec 09 21:50:26 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	144267	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	583383	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	346694	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	813551	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	963733	20.000	ng/u1	0.00
88) Perylene-d12	24.103	264	1090396	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.240	99	9129	0.779	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	5961	0.835	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	8363	0.870	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	7433	0.812	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	3964	0.858	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	3445	0.712	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	6525	0.710	ng/u1	0.00
31) 4-Chloroaniline-d4	11.045	131	6794	0.535	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	21926	0.887	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	26908	0.891	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	2007m	0.476	ng/u1	0.01
60) Fluorene-d10	15.698	176	21078	0.957	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	1764	0.406	ng/u1	0.00
73) Anthracene-d10	17.551	188	41686	1.098	ng/u1	0.00
81) Pyrene-d10	19.827	212	52537	0.908	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	55844	1.025	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.433	152	50843	1.531	ng/u1	99
52) Acenaphthene	14.774	153	27343	1.190	ng/u1	99
61) Fluorene	15.751	166	29313	1.146	ng/u1	97
72) Phenanthrene	17.492	178	196001	4.412	ng/u1	99
74) Anthracene	17.580	178	364137	8.065	ng/u1	98
80) Fluoranthene	19.498	202	312335	4.571	ng/u1	96
82) Pyrene	19.856	202	373732	5.256	ng/u1	99
85) Benzo(a)anthracene	21.603	228	129505	1.996	ng/u1	96
87) Chrysene	21.656	228	247646m	4.068	ng/u1	
90) Benzo(b)fluoranthene	23.344	252	752464	11.131	ng/u1	99
91) Benzo(k)fluoranthene	23.386	252	131113m	2.001	ng/u1	
93) Benzo(a)pyrene	23.991	252	316332	5.321	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.691	276	237356	3.100	ng/u1#	94
96) Benzo(g,h,i)perylene	27.497	276	175164	2.866	ng/u1	94

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

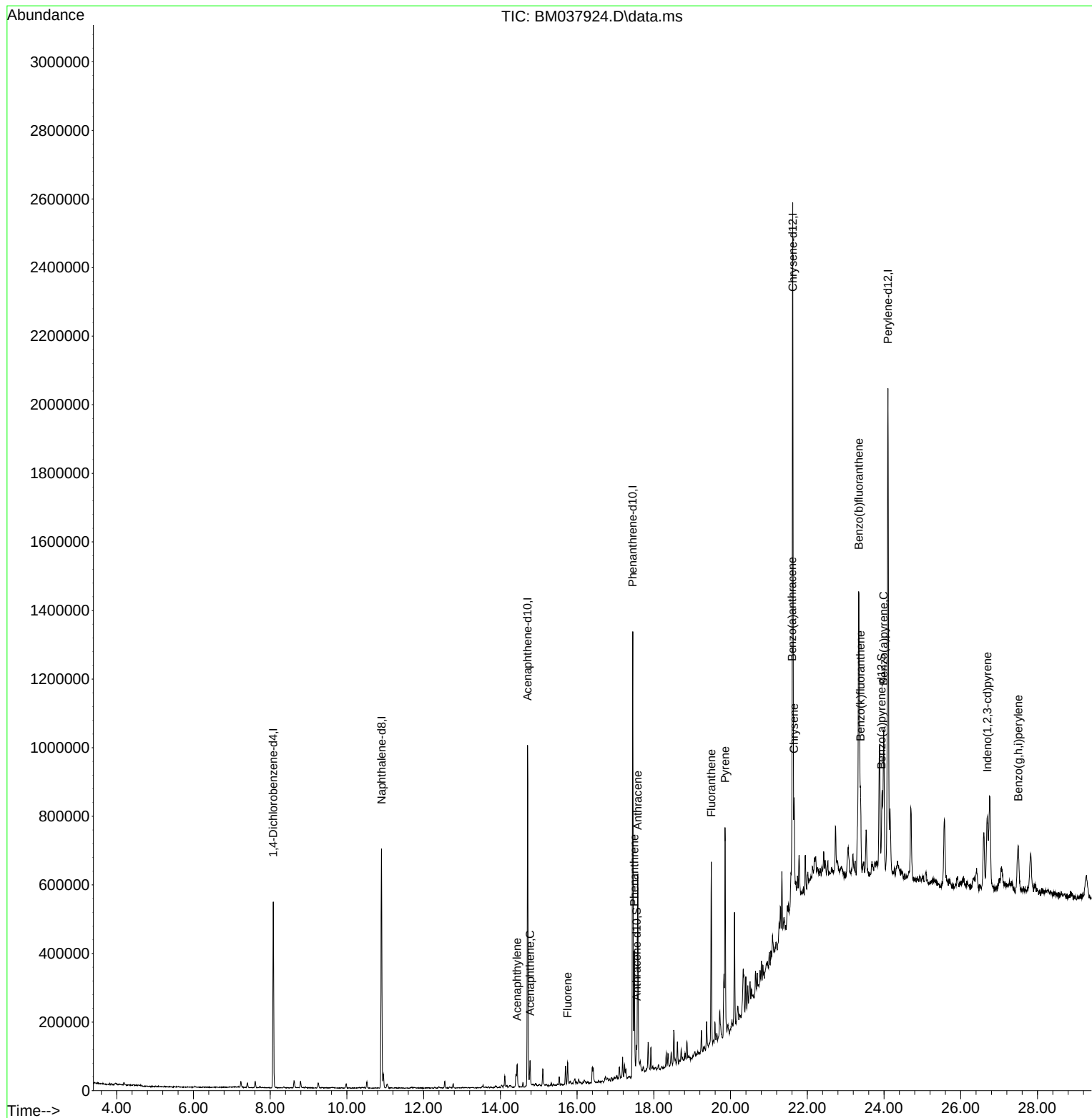
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037924.D
Acq On : 09 Dec 2022 19:35
Operator : CG/JU
Sample : N5896-01DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

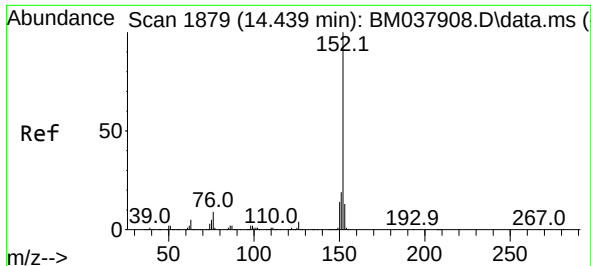
Instrument :
BNA_M
ClientSampleId :
DBXL9DL

Quant Time: Dec 09 21:50:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
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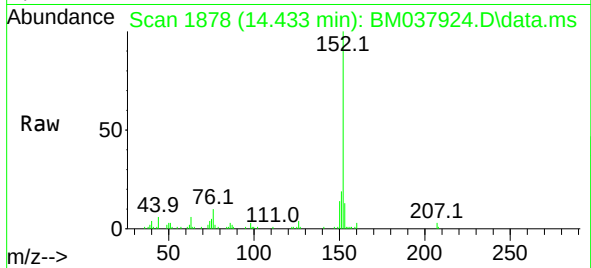
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022





#50
Acenaphthylene
Concen: 1.531 ng/u1
RT: 14.433 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BM037924.D
Acq: 09 Dec 2022 19:35

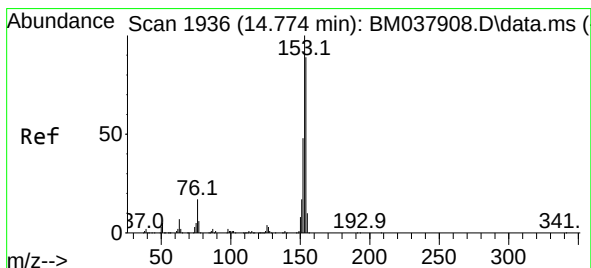
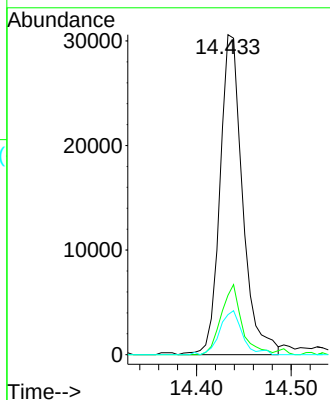
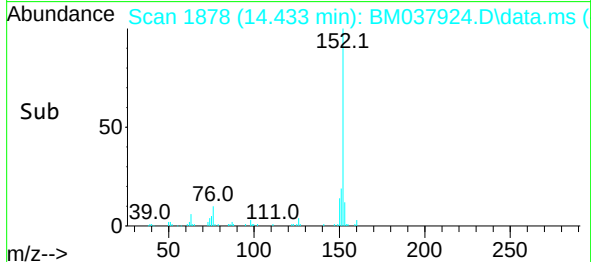
Instrument :
BNA_M
ClientSampleId :
DBXL9DL



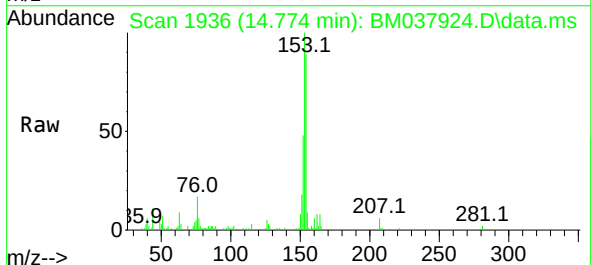
Tgt Ion:152 Resp: 5084
Ion Ratio Lower Upper
152 100
151 18.6 15.3 22.9
153 12.5 10.2 15.4

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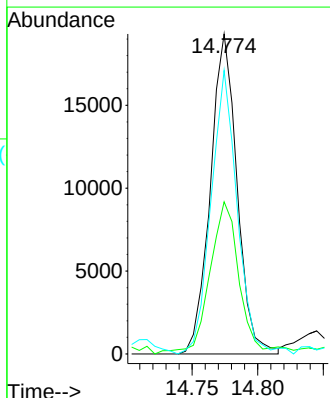
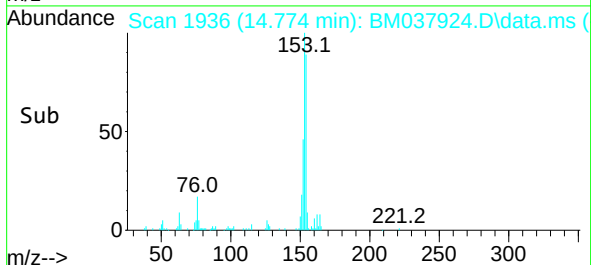
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

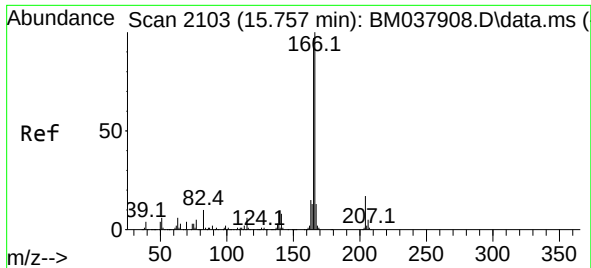


#52
Acenaphthene
Concen: 1.190 ng/u1
RT: 14.774 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BM037924.D
Acq: 09 Dec 2022 19:35



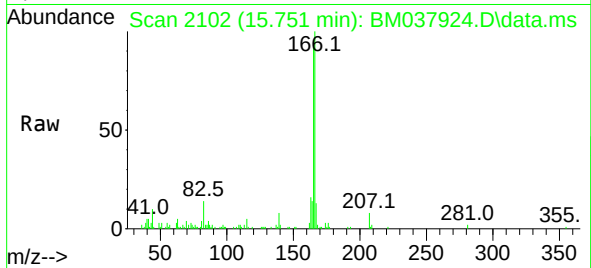
Tgt Ion:153 Resp: 27343
Ion Ratio Lower Upper
153 100
152 47.5 38.2 57.4
154 88.6 71.4 107.0





#61
Fluorene
Concen: 1.146 ng/ul
RT: 15.751 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM037924.D
Acq: 09 Dec 2022 19:35

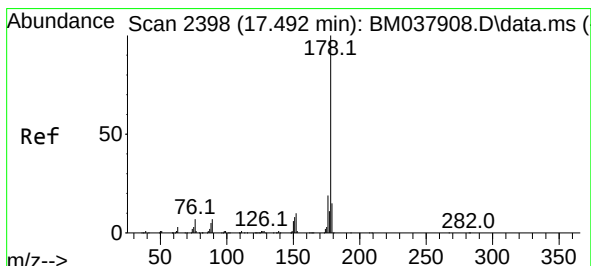
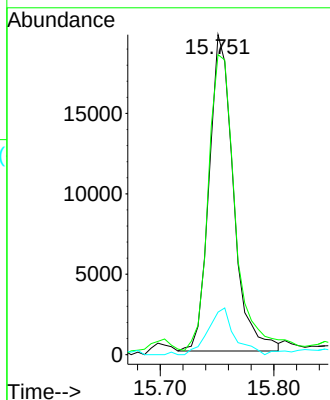
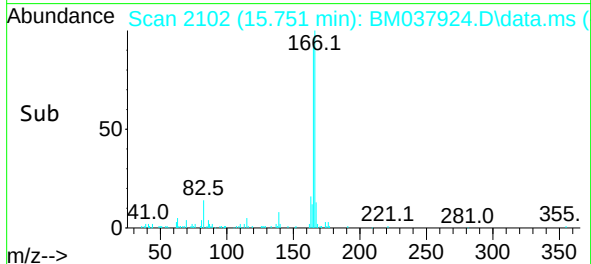
Instrument :
BNA_M
ClientSampleId :
DBXL9DL



Tgt Ion:166 Resp: 2931
Ion Ratio Lower Upper
166 100
165 93.8 77.2 115.8
167 13.3 10.4 15.6

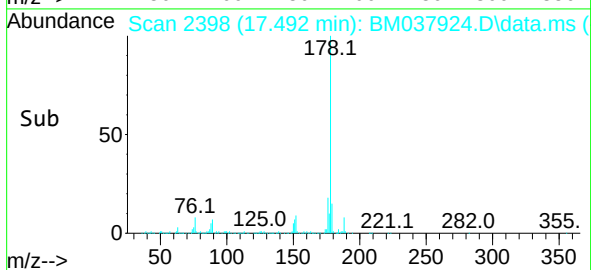
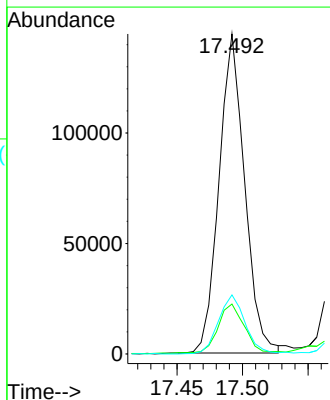
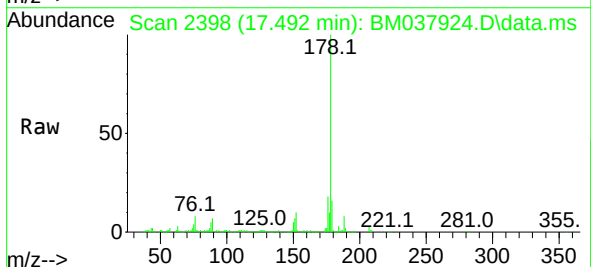
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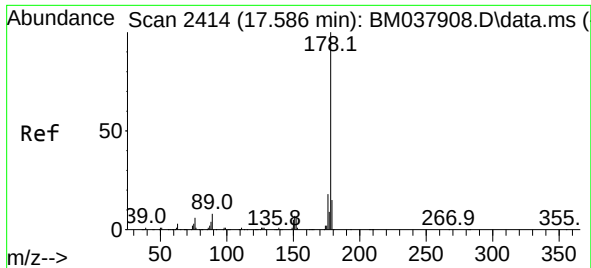
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#72
Phenanthrene
Concen: 4.412 ng/ul
RT: 17.492 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BM037924.D
Acq: 09 Dec 2022 19:35

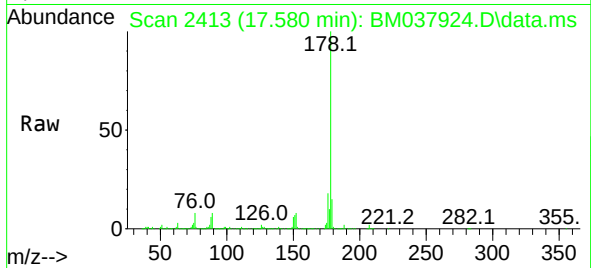
Tgt Ion:178 Resp: 196001
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 18.5 15.4 23.0





#74
 Anthracene
 Concen: 8.065 ng/u1
 RT: 17.580 min Scan# 2414
 Delta R.T. -0.006 min
 Lab File: BM037924.D
 Acq: 09 Dec 2022 19:35

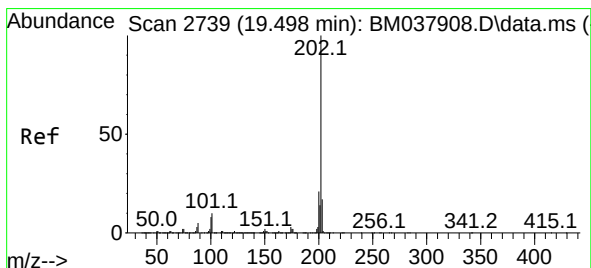
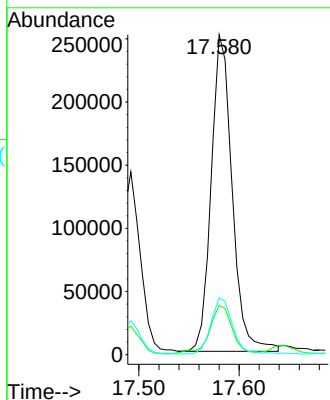
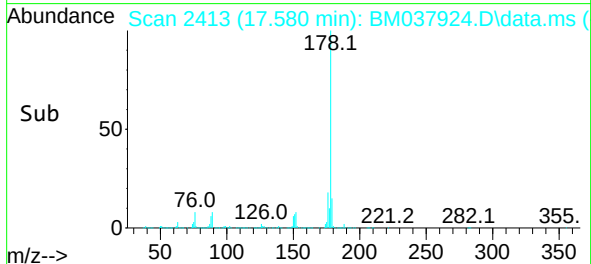
Instrument :
 BNA_M
 ClientSampleId :
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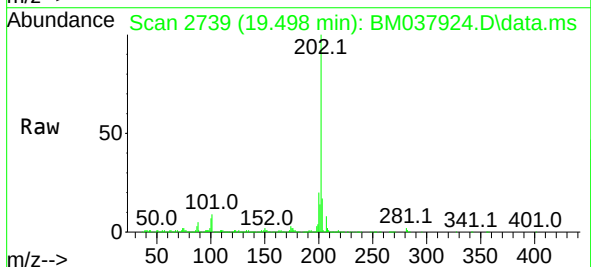
Tgt Ion:178 Resp: 36413
 Ion Ratio Lower Upper
 178 100
 179 15.4 11.8 17.8
 176 17.8 15.0 22.6

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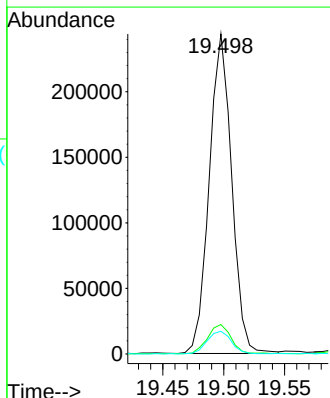
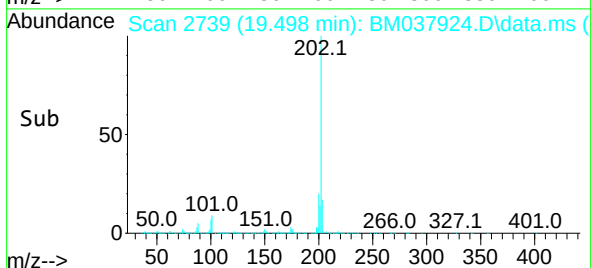
Reviewed By :Jagrut Upadhyay 12/10/2022
 Supervised By :mohammad ahmed 12/10/2022

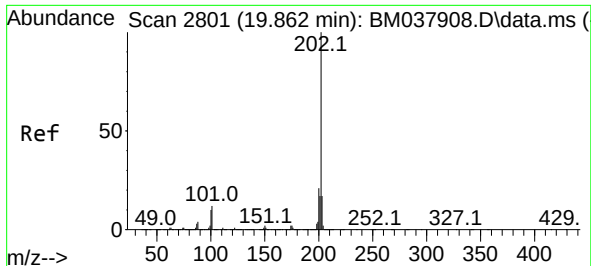


#80
 Fluoranthene
 Concen: 4.571 ng/u1
 RT: 19.498 min Scan# 2739
 Delta R.T. -0.000 min
 Lab File: BM037924.D
 Acq: 09 Dec 2022 19:35



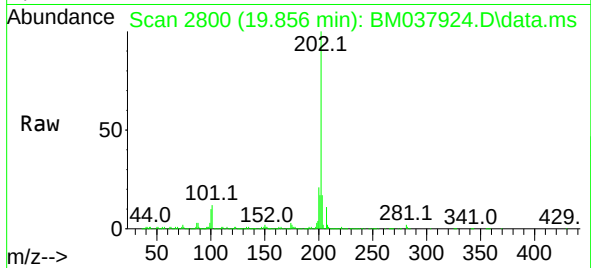
Tgt Ion:202 Resp: 312335
 Ion Ratio Lower Upper
 202 100
 101 9.2 8.6 13.0
 100 7.1 6.6 10.0





#82
Pyrene
Concen: 5.256 ng/ul
RT: 19.856 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BM037924.D
Acq: 09 Dec 2022 19:35

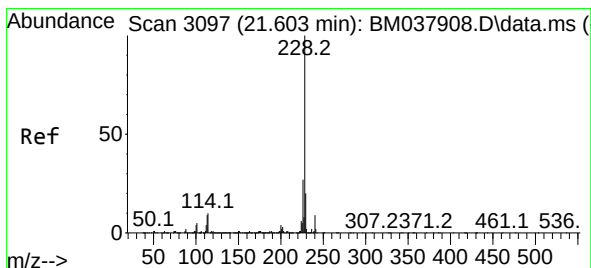
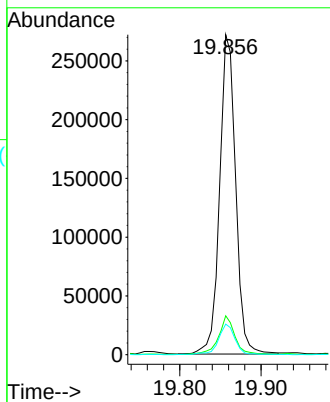
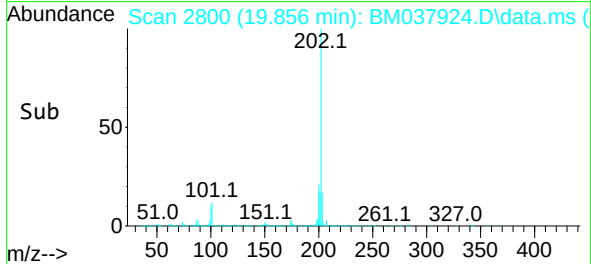
Instrument :
BNA_M
ClientSampleId :
DBXL9DL



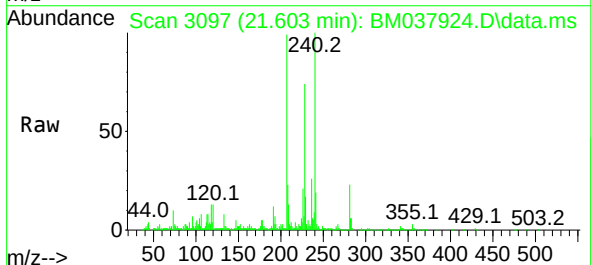
Tgt Ion:202 Resp: 373732
Ion Ratio Lower Upper
202 100
101 12.1 10.0 15.0
100 9.6 7.9 11.9

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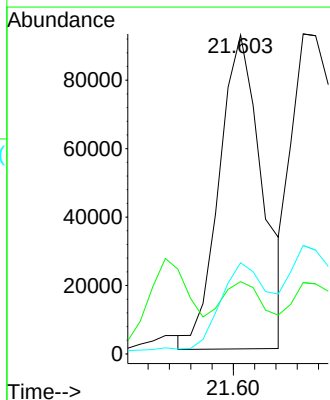
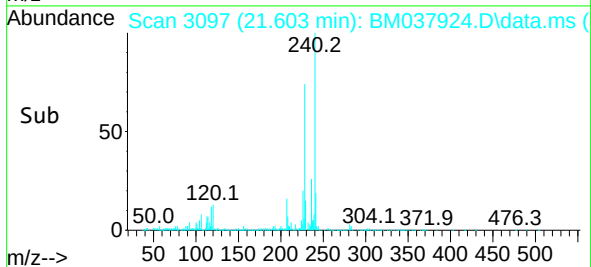
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

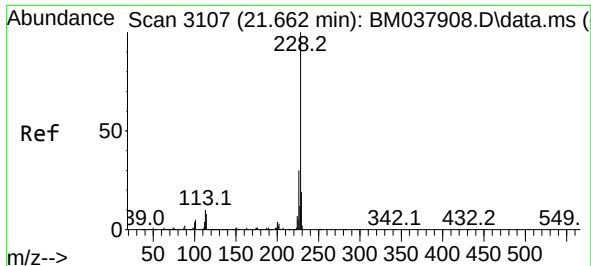


#85
Benzo(a)anthracene
Concen: 1.996 ng/ul
RT: 21.603 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BM037924.D
Acq: 09 Dec 2022 19:35



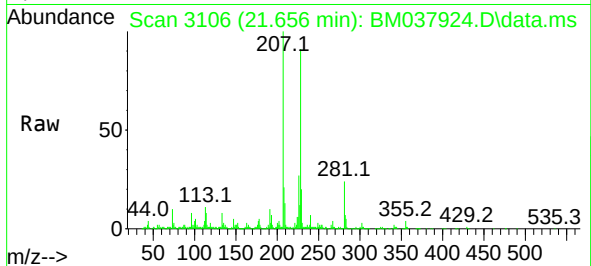
Tgt Ion:228 Resp: 129505
Ion Ratio Lower Upper
228 100
229 22.6 15.5 23.3
226 28.6 21.8 32.8





#87
Chrysene
Concen: 4.068 ng/ul m
RT: 21.656 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM037924.D
Acq: 09 Dec 2022 19:35

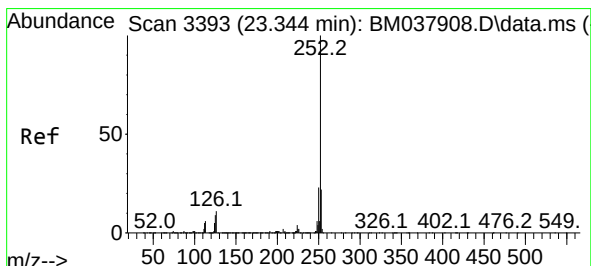
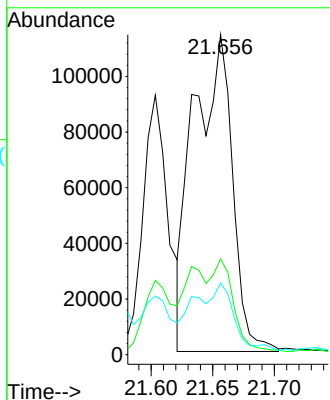
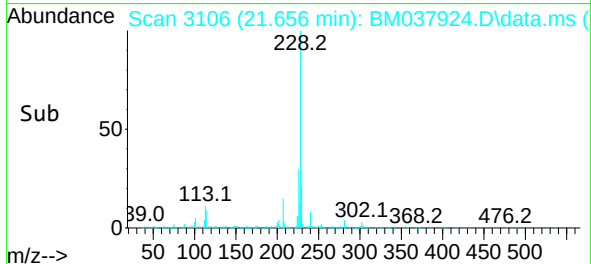
Instrument :
BNA_M
ClientSampleId :
DBXL9DL



Tgt Ion:228 Resp: 247640
Ion Ratio Lower Upper
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226 29.9 24.3 36.5
229 22.4 15.6 23.4

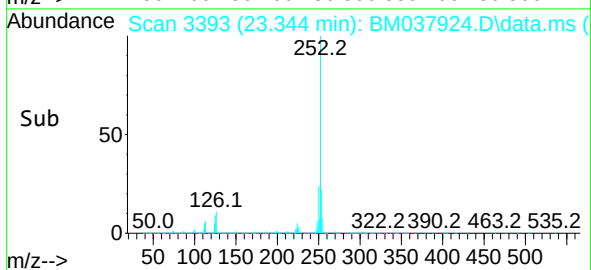
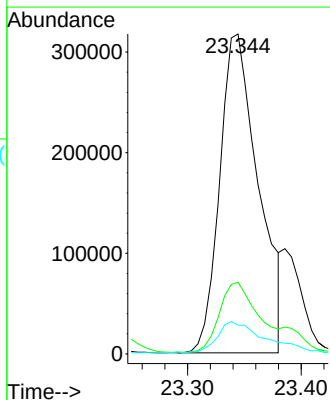
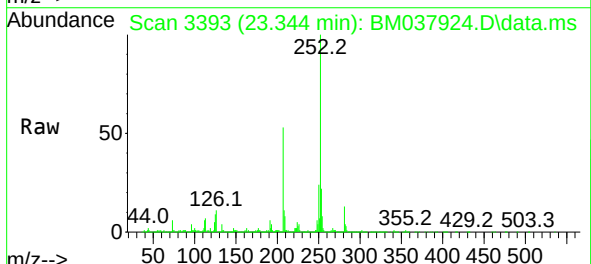
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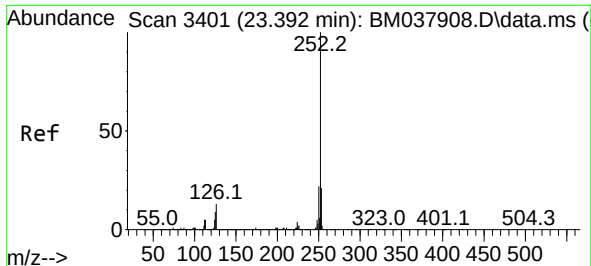
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#90
Benzo(b)fluoranthene
Concen: 11.131 ng/ul
RT: 23.344 min Scan# 3393
Delta R.T. -0.000 min
Lab File: BM037924.D
Acq: 09 Dec 2022 19:35

Tgt Ion:252 Resp: 752464
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 9.0 8.0 12.0





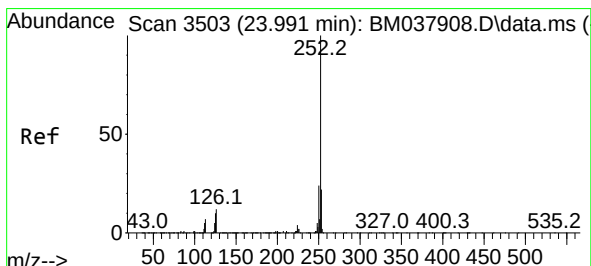
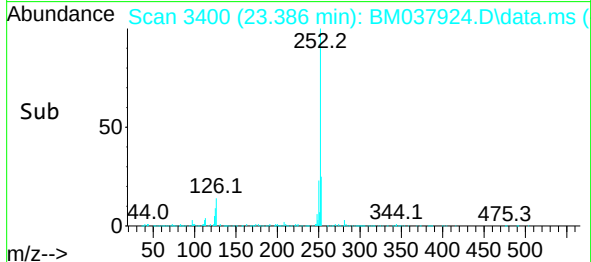
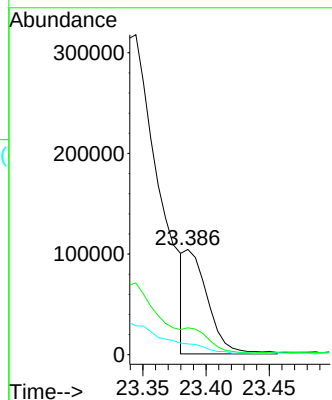
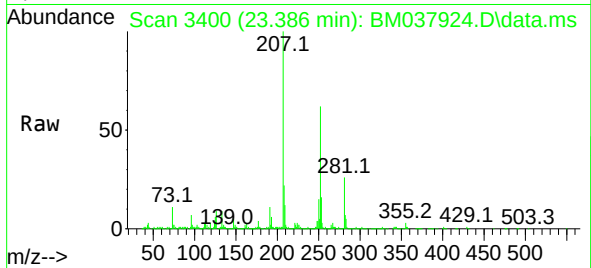
#91
Benzo(k)fluoranthene
Concen: 2.001 ng/ul m
RT: 23.386 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM037924.D
Acq: 09 Dec 2022 19:35

Instrument :
BNA_M
ClientSampleId :
DBXL9DL

Tgt Ion:252 Resp: 131111
Ion Ratio Lower Upper
252 100
253 25.6 17.4 26.2
125 10.2 8.1 12.1

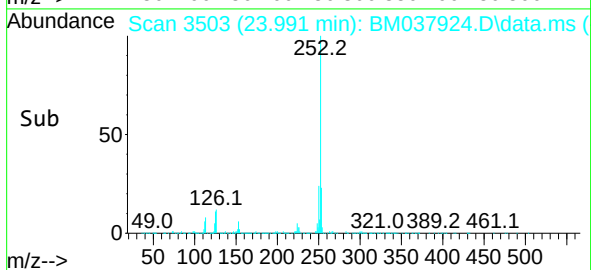
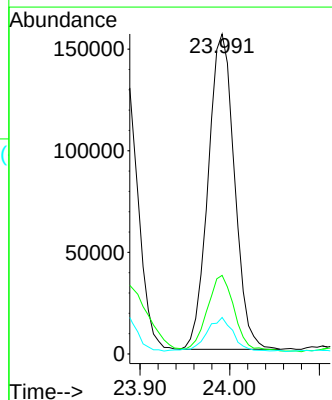
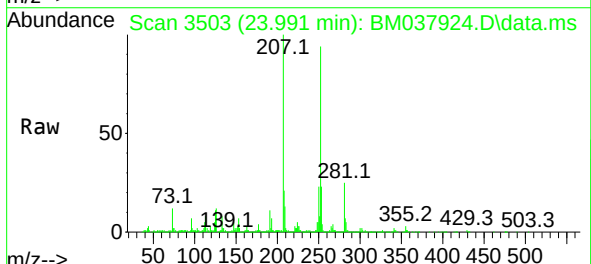
Manual Integrations
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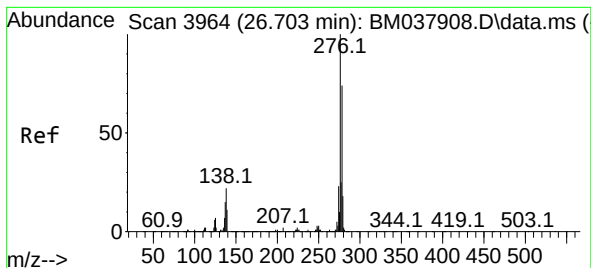
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#93
Benzo(a)pyrene
Concen: 5.321 ng/ul
RT: 23.991 min Scan# 3503
Delta R.T. -0.000 min
Lab File: BM037924.D
Acq: 09 Dec 2022 19:35

Tgt Ion:252 Resp: 316332
Ion Ratio Lower Upper
252 100
253 24.5 17.4 26.0
125 11.4 9.4 14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.100 ng/ul

RT: 26.691 min Scan# 3962

Delta R.T. -0.012 min

Lab File: BM037924.D

Acq: 09 Dec 2022 19:35

Instrument :

BNA_M

ClientSampleId :

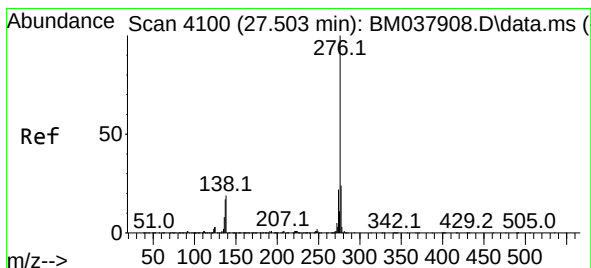
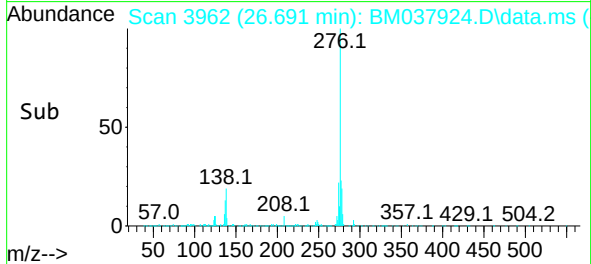
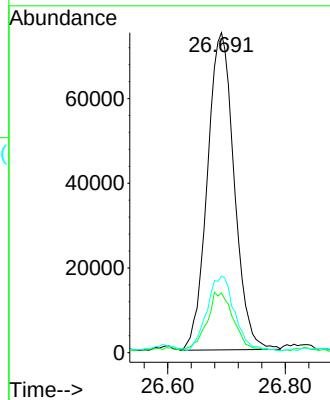
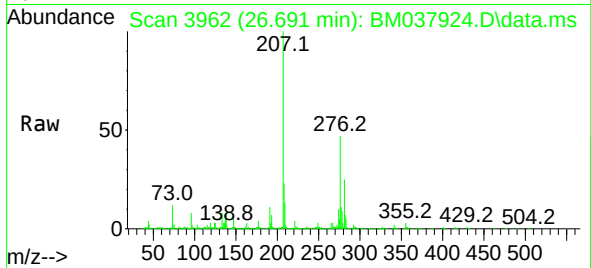
DBXL9DL

Tgt Ion:	276	Resp:	237350
Ion Ratio	Lower	Upper	
276	100		
138	18.6	19.3	28.9
277	24.0	19.8	29.8

Manual Integrations

APPROVED

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



#96

Benzo(g,h,i)perylene

Concen: 2.866 ng/ul

RT: 27.497 min Scan# 4099

Delta R.T. -0.006 min

Lab File: BM037924.D

Acq: 09 Dec 2022 19:35

Tgt Ion:	276	Resp:	175164
Ion Ratio	Lower	Upper	
276	100		
138	18.5	17.1	25.7
277	25.4	18.2	27.4

