

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
 Data File : BM037930.D
 Acq On : 10 Dec 2022 12:08
 Operator : CG/JU
 Sample : N5896-12DL 30X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXN0DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 21:25:49 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	200919	20.000	ng/u1	0.00
20) Naphthalene-d8	10.898	136	725098	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	379696	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	796335	20.000	ng/u1	0.00
79) Chrysene-d12	21.615	240	851156	20.000	ng/u1	0.00
88) Perylene-d12	24.097	264	958543	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	7.234	99	10622	0.651	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	7931	0.798	ng/u1	0.00
11) 2-Chlorophenol-d4	7.604	132	9700	0.724	ng/u1	0.00
15) 4-Methylphenol-d8	8.792	113	8056	0.632	ng/u1	0.00
21) Nitrobenzene-d5	9.251	128	4701	0.819	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	4219	0.701	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	7699	0.674	ng/u1	0.00
31) 4-Chloroaniline-d4	11.039	131	7744m	0.491	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	23844	0.881	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	28084	0.849	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.692	176	22147	0.918	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	1560	0.366	ng/u1	0.00
73) Anthracene-d10	17.545	188	39040	1.050	ng/u1	0.00
81) Pyrene-d10	19.827	212	46137	0.902	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	45920	0.959	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.951	128	62952	1.609	ng/u1	99
36) 2-Methylnaphthalene	12.551	142	42867	1.689	ng/u1	96
37) 1-Methylnaphthalene	12.763	142	58894	2.269	ng/u1#	97
50) Acenaphthylene	14.433	152	58071	1.596	ng/u1#	93
52) Acenaphthene	14.774	153	727226	28.901	ng/u1	99
61) Fluorene	15.751	166	945562	33.751	ng/u1	98
72) Phenanthrene	17.492	178	3655306	84.054	ng/u1	100
74) Anthracene	17.586	178	4608508	104.278	ng/u1	99
80) Fluoranthene	19.498	202	3985300	66.045	ng/u1	99
82) Pyrene	19.862	202	2900103	46.180	ng/u1	99
85) Benzo(a)anthracene	21.603	228	718522	12.539	ng/u1	99
87) Chrysene	21.656	228	1007611	18.741	ng/u1	99
90) Benzo(b)fluoranthene	23.338	252	776506	13.067	ng/u1	99
91) Benzo(k)fluoranthene	23.386	252	286388m	4.973	ng/u1	
93) Benzo(a)pyrene	23.985	252	350985	6.716	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.685	276	179801	2.672	ng/u1	95
96) Benzo(g,h,i)perylene	27.485	276	125900	2.343	ng/u1	95

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

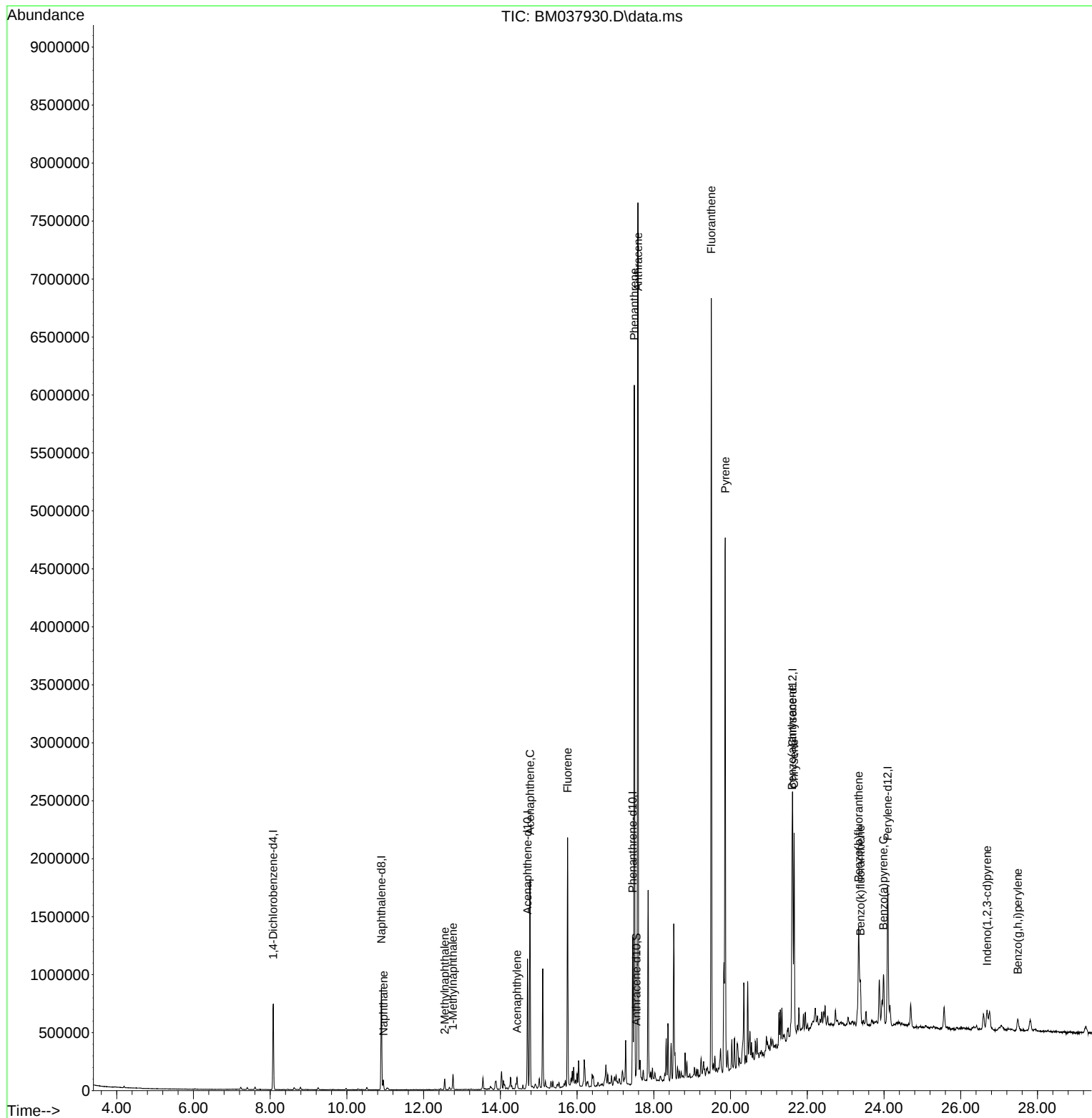
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037930.D
Acq On : 10 Dec 2022 12:08
Operator : CG/JU
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ALS Vial : 5 Sample Multiplier: 1

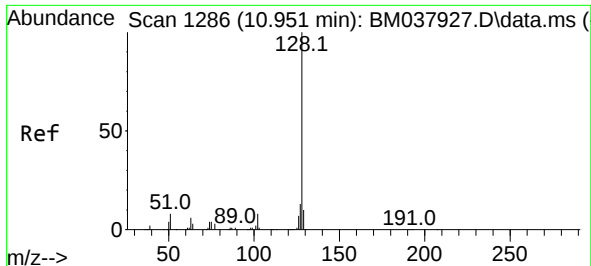
Instrument :
BNA_M
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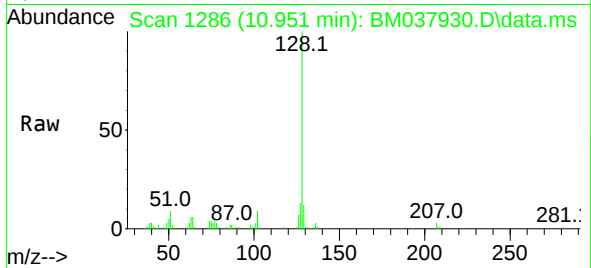
Quant Time: Dec 11 21:25:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.609 ng/ul
RT: 10.951 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM037930.D
Acq: 10 Dec 2022 12:08

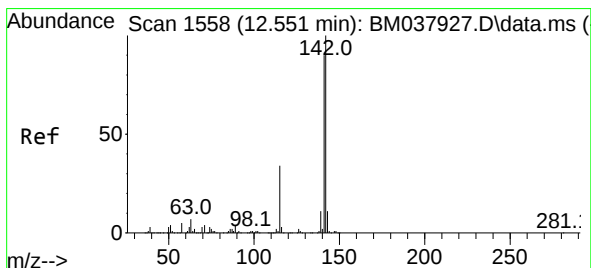
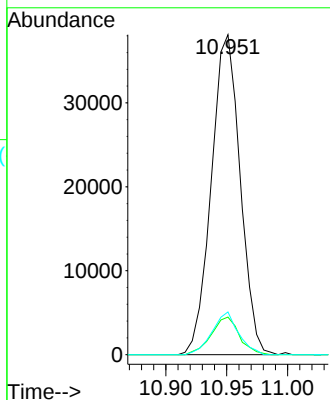
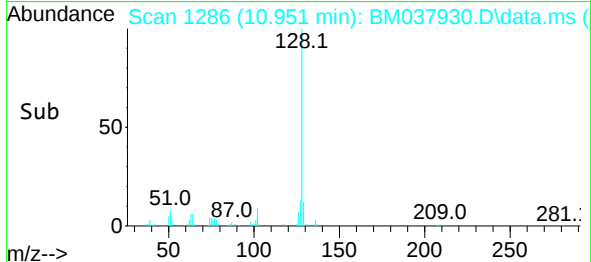
Instrument :
BNA_M
ClientSampleId :
DBXN0DL



Tgt Ion:128 Resp: 62952
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.4
127 13.4 10.4 15.6

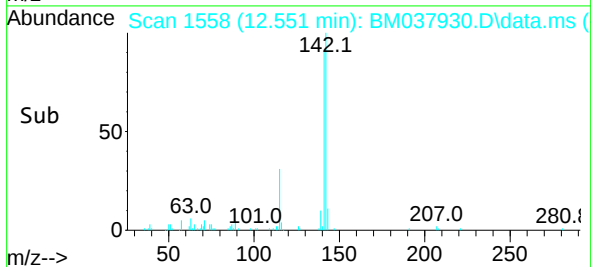
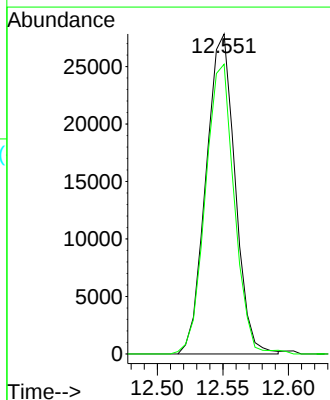
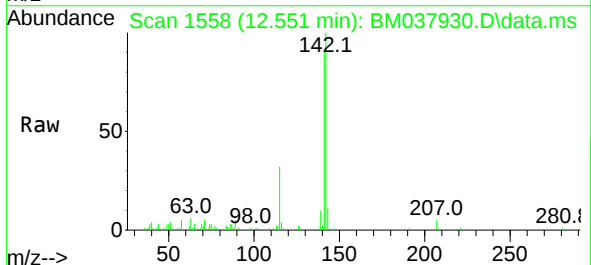
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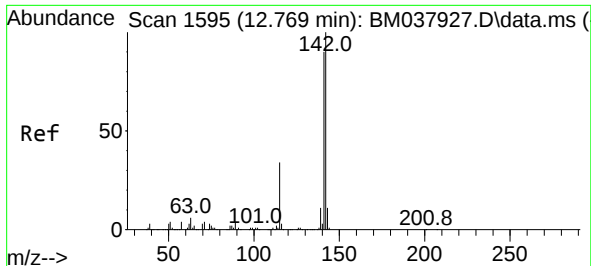
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022



#36
2-Methylnaphthalene
Concen: 1.689 ng/ul
RT: 12.551 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BM037930.D
Acq: 10 Dec 2022 12:08

Tgt Ion:142 Resp: 42867
Ion Ratio Lower Upper
142 100
141 90.6 69.4 104.0





#37

1-Methylnaphthalene

Concen: 2.269 ng/ul

RT: 12.763 min Scan# 1594

Delta R.T. -0.006 min

Lab File: BM037930.D

Acq: 10 Dec 2022 12:08

Instrument :

BNA_M

ClientSampleId :

DBXN0DL

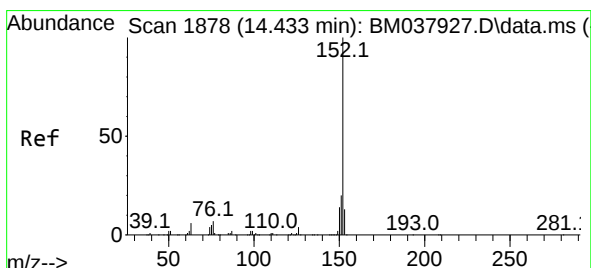
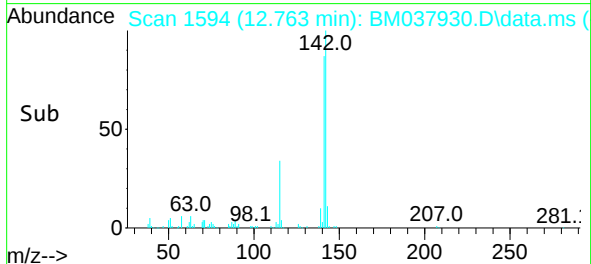
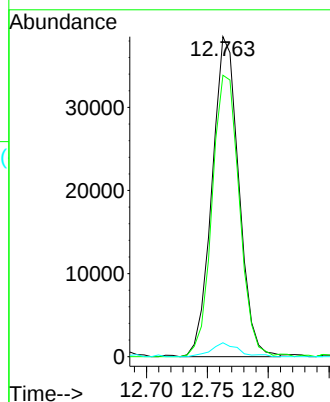
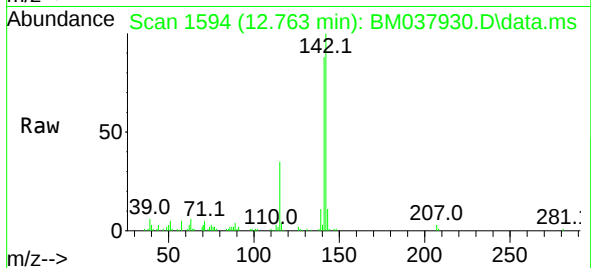
Tgt Ion:142 Resp: 58894

Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.4	108.6
116	4.3	2.9	4.3

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#50

Acenaphthylene

Concen: 1.596 ng/ul

RT: 14.433 min Scan# 1878

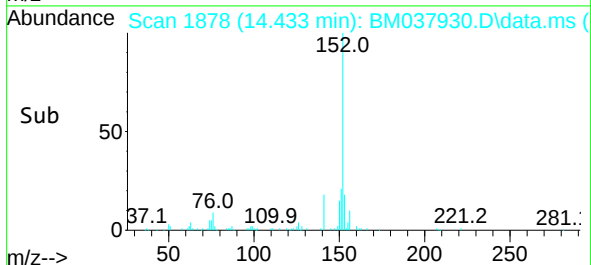
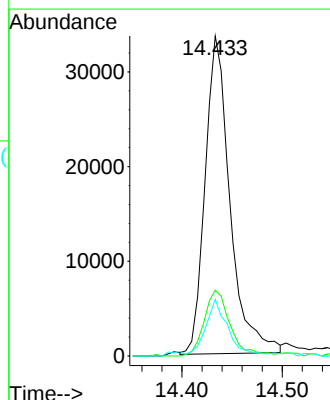
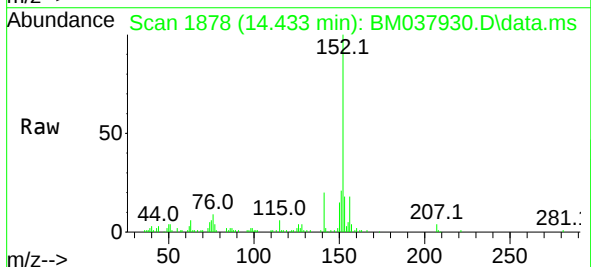
Delta R.T. -0.006 min

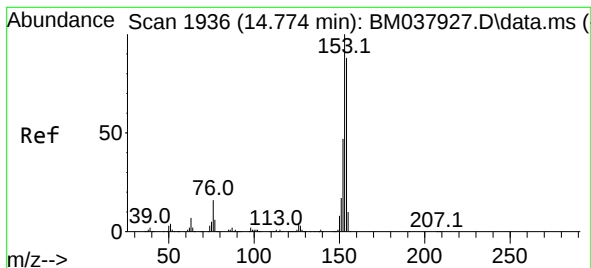
Lab File: BM037930.D

Acq: 10 Dec 2022 12:08

Tgt Ion:152 Resp: 58071

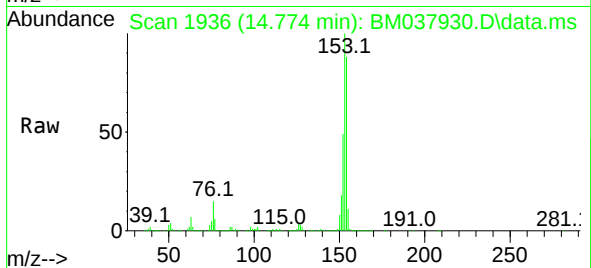
Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.3	22.9
153	17.7	10.2	15.4





#52
Acenaphthene
Concen: 28.901 ng/u1
RT: 14.774 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BM037930.D
Acq: 10 Dec 2022 12:08

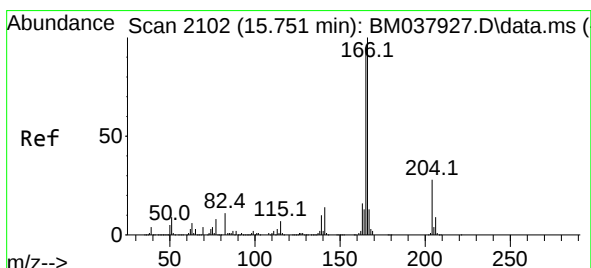
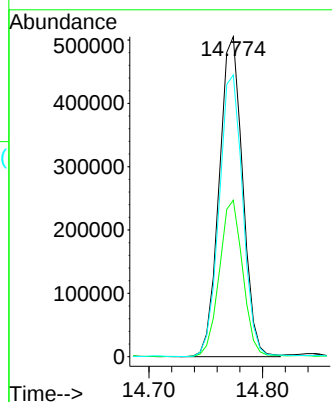
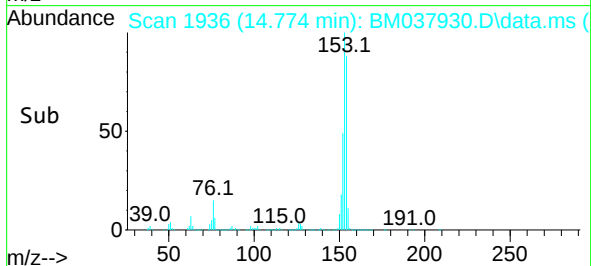
Instrument :
BNA_M
ClientSampleId :
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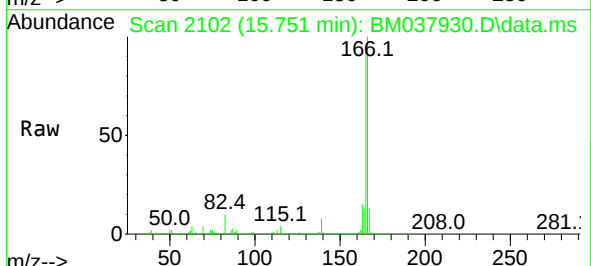
Tgt Ion:153 Resp: 727220
Ion Ratio Lower Upper
153 100
152 48.9 38.2 57.4
154 88.1 71.4 107.0

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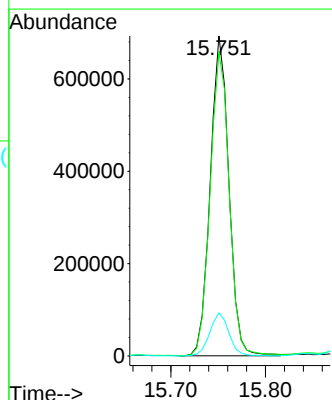
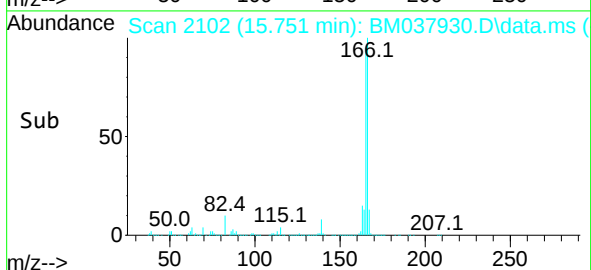
Reviewed By :Jagrut Upadhyay 12/12/2022
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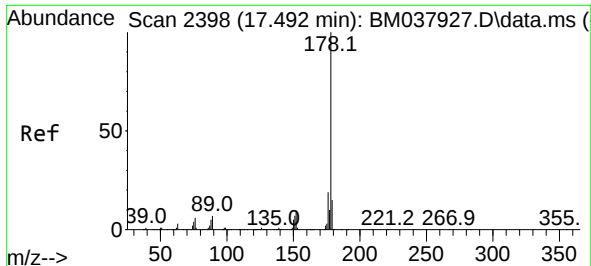


#61
Fluorene
Concen: 33.751 ng/u1
RT: 15.751 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM037930.D
Acq: 10 Dec 2022 12:08



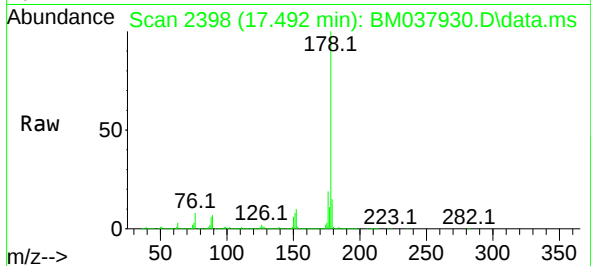
Tgt Ion:166 Resp: 945562
Ion Ratio Lower Upper
166 100
165 94.6 77.2 115.8
167 13.4 10.4 15.6





#72
Phenanthrene
Concen: 84.054 ng/u1
RT: 17.492 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037930.D
Acq: 10 Dec 2022 12:08

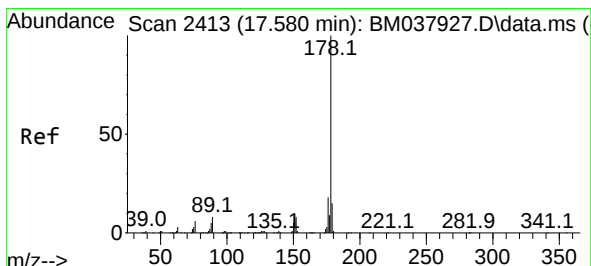
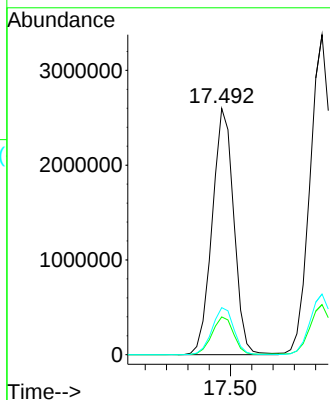
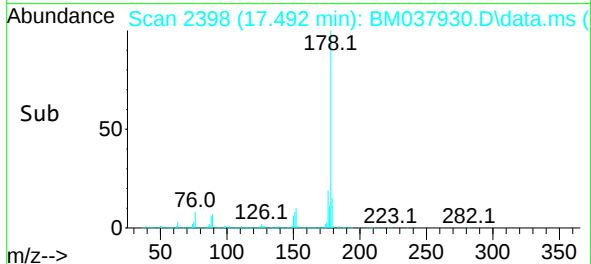
Instrument :
BNA_M
ClientSampleId :
DBXN0DL



Tgt Ion:178 Resp: 3655300
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.1 15.4 23.0

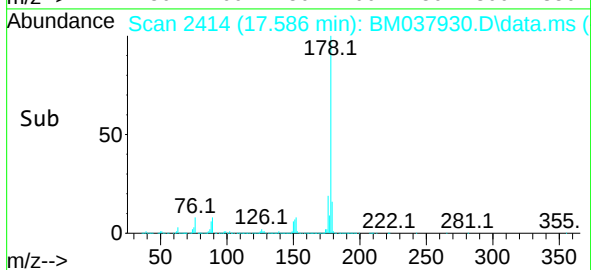
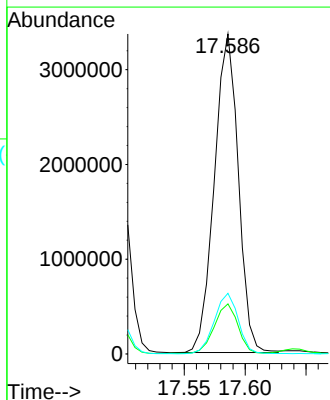
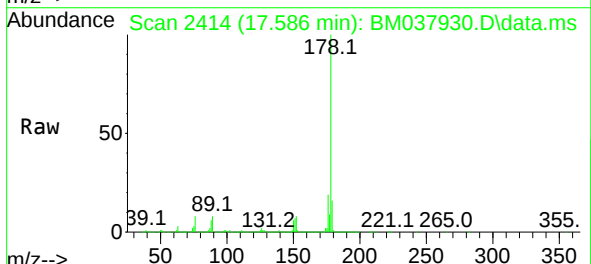
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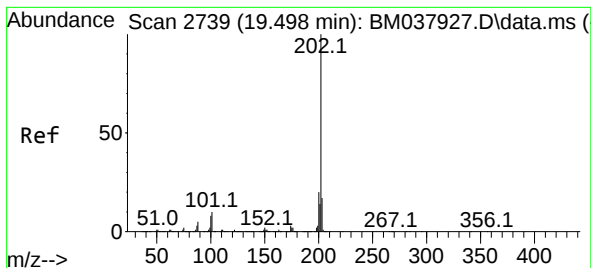
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022



#74
Anthracene
Concen: 104.278 ng/u1
RT: 17.586 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BM037930.D
Acq: 10 Dec 2022 12:08

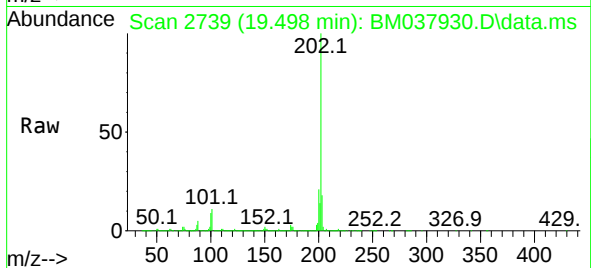
Tgt Ion:178 Resp: 4608508
Ion Ratio Lower Upper
178 100
179 15.7 11.8 17.8
176 19.0 15.0 22.6





#80
Fluoranthene
Concen: 66.045 ng/u1
RT: 19.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037930.D
Acq: 10 Dec 2022 12:08

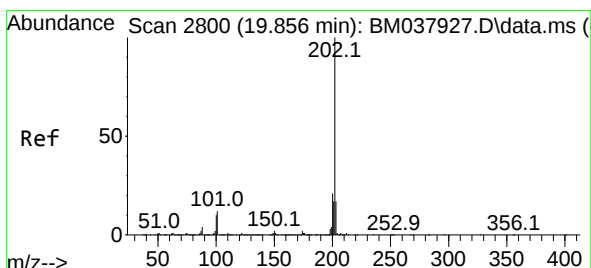
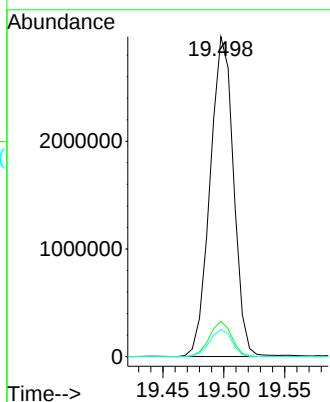
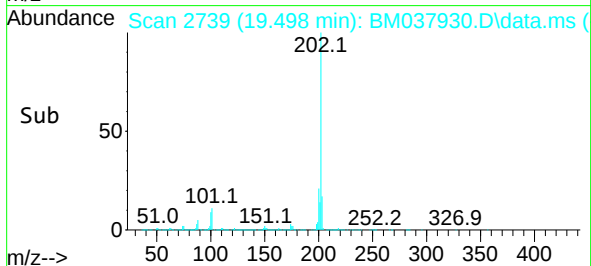
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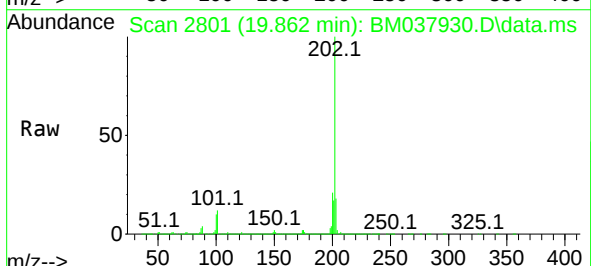
Tgt Ion:202 Resp: 3985300
Ion Ratio Lower Upper
202 100
101 11.1 8.6 13.0
100 8.5 6.6 10.0

Manual Integrations
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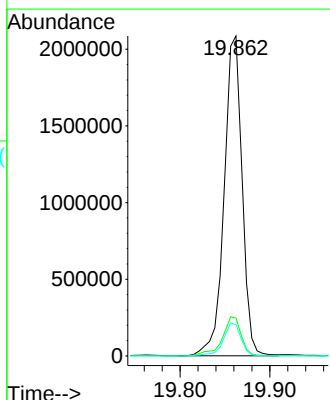
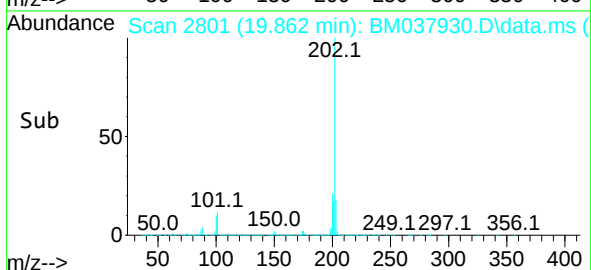
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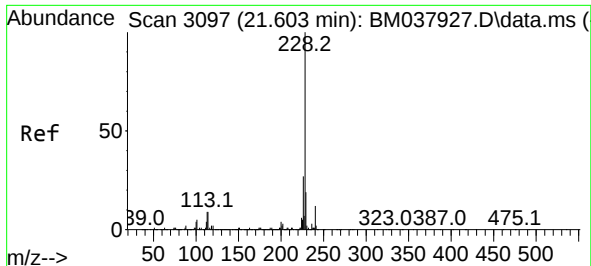


#82
Pyrene
Concen: 46.180 ng/u1
RT: 19.862 min Scan# 2801
Delta R.T. -0.000 min
Lab File: BM037930.D
Acq: 10 Dec 2022 12:08



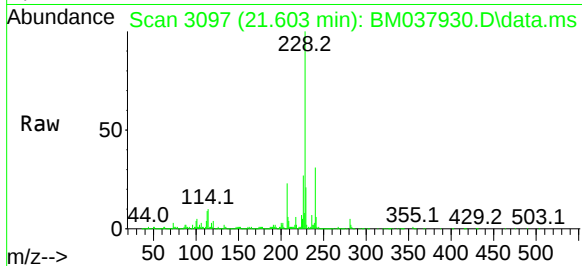
Tgt Ion:202 Resp: 2900103
Ion Ratio Lower Upper
202 100
101 11.9 10.0 15.0
100 9.8 7.9 11.9





#85
Benzo(a)anthracene
Concen: 12.539 ng/u1
RT: 21.603 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BM037930.D
Acq: 10 Dec 2022 12:08

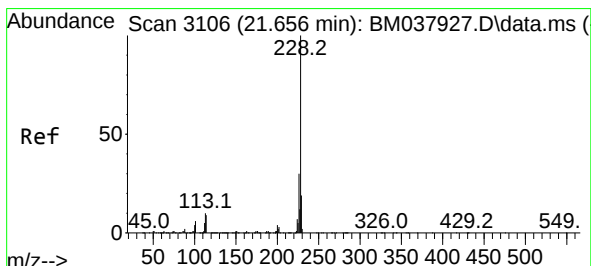
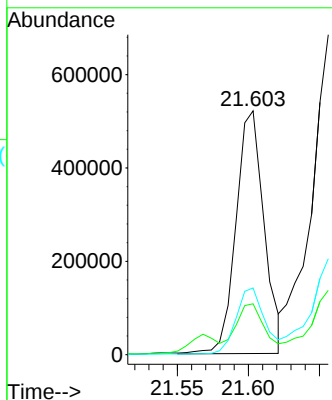
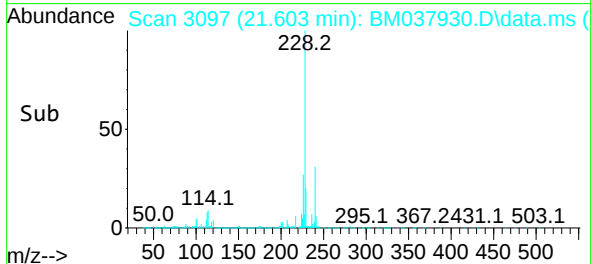
Instrument :
BNA_M
ClientSampleId :
DBXN0DL



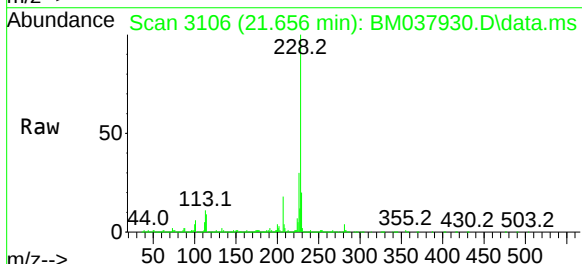
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Ion Ratio Lower Upper
228 100
229 20.9 15.5 23.3
226 27.4 21.8 32.8

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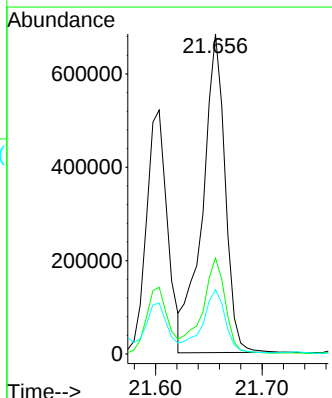
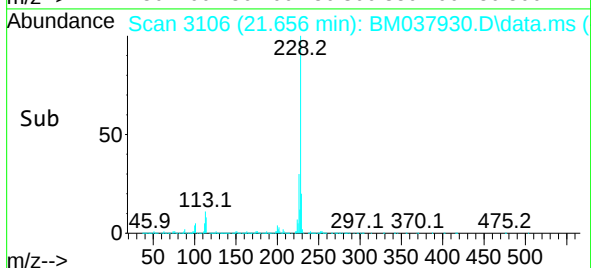
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

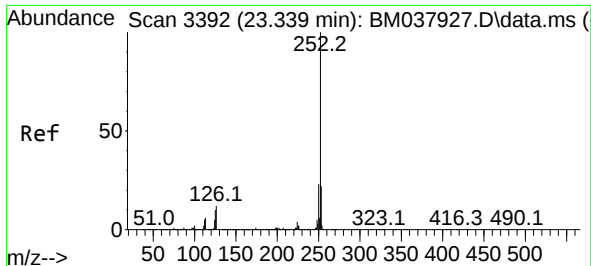


#87
Chrysene
Concen: 18.741 ng/u1
RT: 21.656 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM037930.D
Acq: 10 Dec 2022 12:08



Tgt Ion:228 Resp: 1007611
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 20.1 15.6 23.4





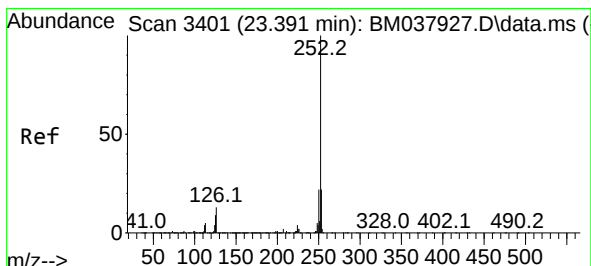
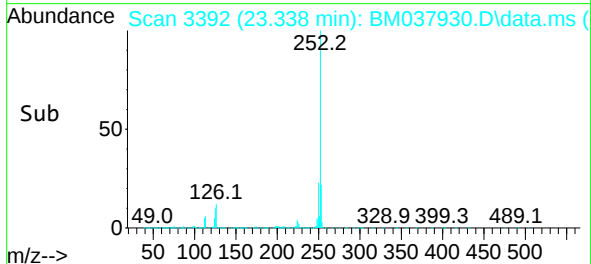
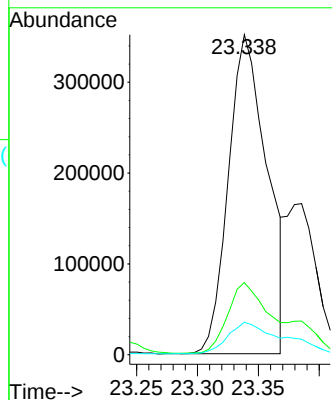
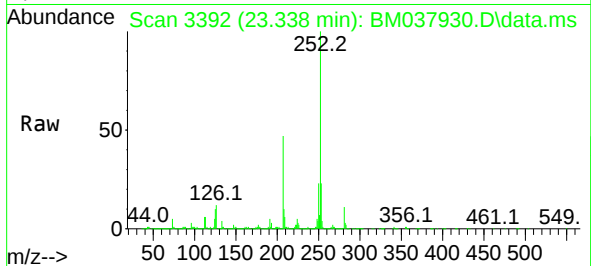
#90
Benzo(b)fluoranthene
Concen: 13.067 ng/ul
RT: 23.338 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM037930.D
Acq: 10 Dec 2022 12:08

Instrument :
BNA_M
ClientSampleId :
DBXN0DL

Tgt Ion:252 Resp: 776500
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 10.2 8.0 12.0

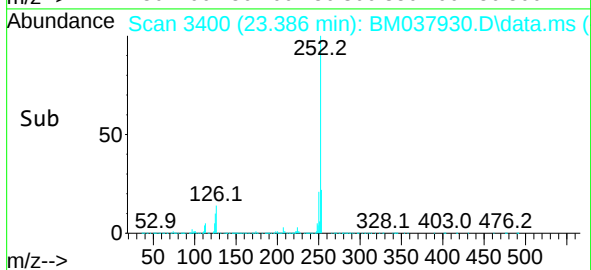
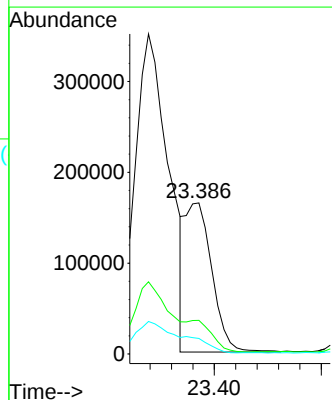
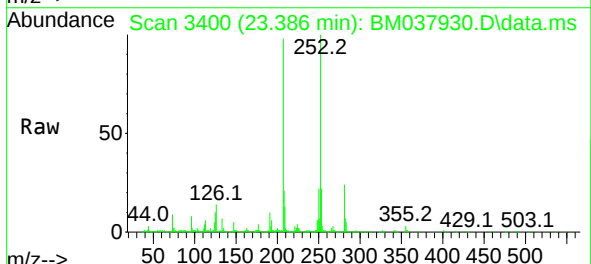
Manual Integrations
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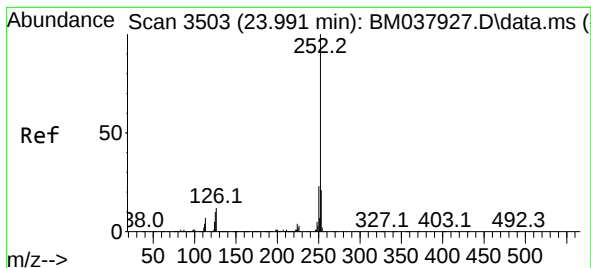
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022



#91
Benzo(k)fluoranthene
Concen: 4.973 ng/ul m
RT: 23.386 min Scan# 3400
Delta R.T. -0.006 min
Lab File: BM037930.D
Acq: 10 Dec 2022 12:08

Tgt Ion:252 Resp: 286388
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 10.3 8.1 12.1





#93

Benzo(a)pyrene

Concen: 6.716 ng/ul

RT: 23.985 min Scan# 3502

Delta R.T. -0.006 min

Lab File: BM037930.D

Acq: 10 Dec 2022 12:08

Instrument :

BNA_M

ClientSampleId :

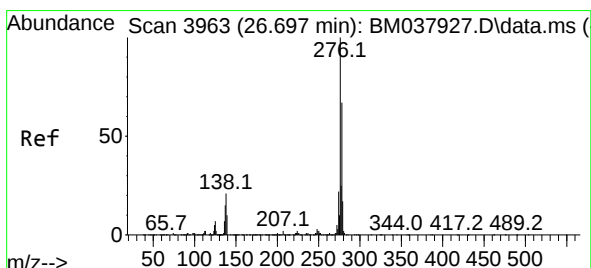
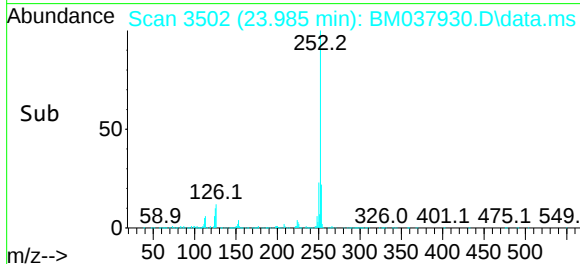
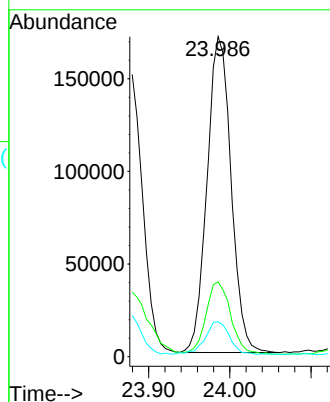
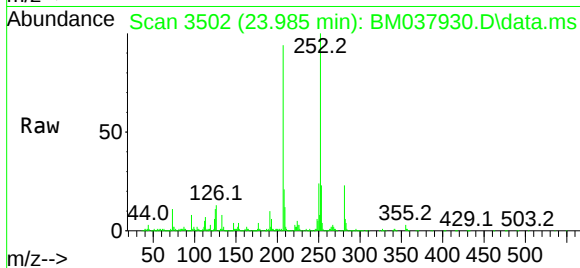
DBXN0DL

Tgt Ion:	252	Resp:	35098
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.4	26.0
125	10.9	9.4	14.0

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.672 ng/ul

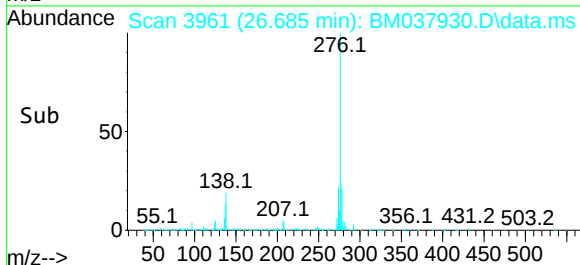
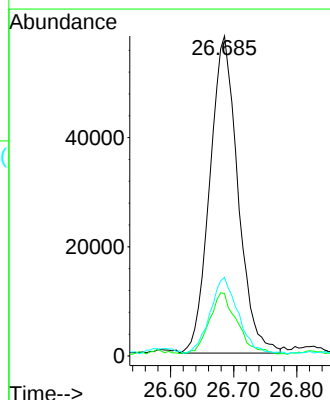
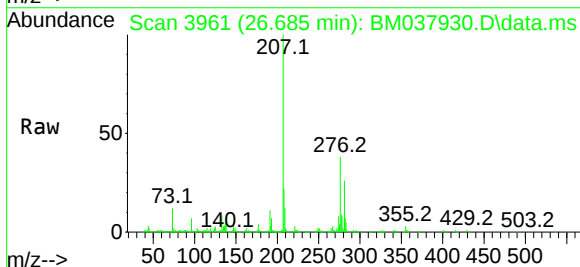
RT: 26.685 min Scan# 3961

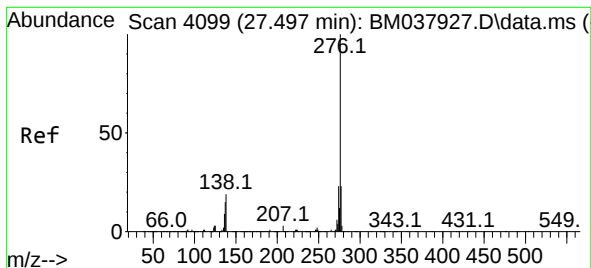
Delta R.T. -0.018 min

Lab File: BM037930.D

Acq: 10 Dec 2022 12:08

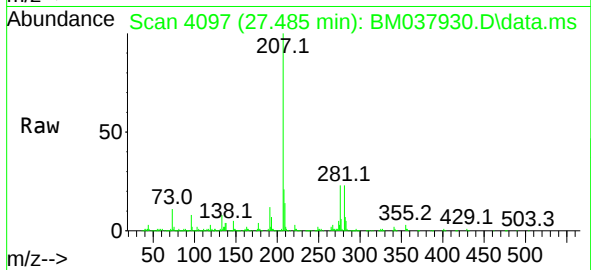
Tgt Ion:	276	Resp:	179801
Ion Ratio	Lower	Upper	
276	100		
138	19.5	19.3	28.9
277	24.5	19.8	29.8





#96
 Benzo(g,h,i)perylene
 Concen: 2.343 ng/ul
 RT: 27.485 min Scan# 4097
 Delta R.T. -0.018 min
 Lab File: BM037930.D
 Acq: 10 Dec 2022 12:08

Instrument :
 BNA_M
 ClientSampleId :
 DBXN0DL



Tgt Ion:276 Resp: 125900
 Ion Ratio Lower Upper
 276 100
 138 18.0 17.1 25.7
 277 24.0 18.2 27.4

Manual Integrations
 APPROVED

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

