

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037892.D
 Acq On : 08 Dec 2022 18:27
 Operator : CG/JU
 Sample : N5832-16 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL1

Manual Integrations
 APPROVED

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

Quant Time: Dec 08 22:41:02 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	302648	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	1137493	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	580877	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	1134644	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	1065377	20.000	ng/u1	0.00
88) Perylene-d12	24.109	264	1279204	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	2120m	0.318	ng/uL	0.00
4) Pyridine-d5	3.899	84	13676m	0.692	ng/u1	0.04
7) Phenol-d5	7.240	99	42889	1.744	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	26744	1.786	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	35194	1.744	ng/u1	0.00
15) 4-Methylphenol-d8	8.798	113	31366	1.634	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	16558	1.839	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	16941	1.795	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	30495	1.701	ng/u1	0.00
31) 4-Chloroaniline-d4	11.045	131	26177	1.058	ng/u1	0.00
46) Dimethylphthalate-d6	14.122	166	85774	2.071	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	101540	2.006	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	8504	1.205	ng/u1	0.00
60) Fluorene-d10	15.698	176	77610	2.103	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	6230	1.027	ng/u1	0.00
73) Anthracene-d10	17.557	188	125983	2.379	ng/u1	0.00
81) Pyrene-d10	19.833	212	138733	2.168	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.944	264	143618	2.248	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.957	128	156651	2.552	ng/u1	99
36) 2-Methylnaphthalene	12.557	142	98807	2.482	ng/u1	99
50) Acenaphthylene	14.439	152	130282	2.341	ng/u1	97
52) Acenaphthene	14.780	153	139824	3.632	ng/u1	98
61) Fluorene	15.757	166	432716	10.096	ng/u1	100
72) Phenanthrene	17.498	178	1142212	18.434	ng/u1	100
74) Anthracene	17.592	178	6286998	99.841	ng/u1	99
80) Fluoranthene	19.504	202	945096	12.513	ng/u1	99
82) Pyrene	19.862	202	1315081	16.730	ng/u1	99
85) Benzo(a)anthracene	21.603	228	320075	4.463	ng/u1	96
87) Chrysene	21.662	228	686484m	10.201	ng/u1	
90) Benzo(b)fluoranthene	23.350	252	1546717m	19.503	ng/u1	
91) Benzo(k)fluoranthene	23.392	252	257069m	3.345	ng/u1	
93) Benzo(a)pyrene	23.997	252	629648	9.029	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.703	276	479202	5.335	ng/u1	96
95) Dibenzo(a,h)anthracene	26.709	278	118540	1.566	ng/u1#	84
96) Benzo(g,h,i)perylene	27.503	276	364272	5.080	ng/u1	98

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

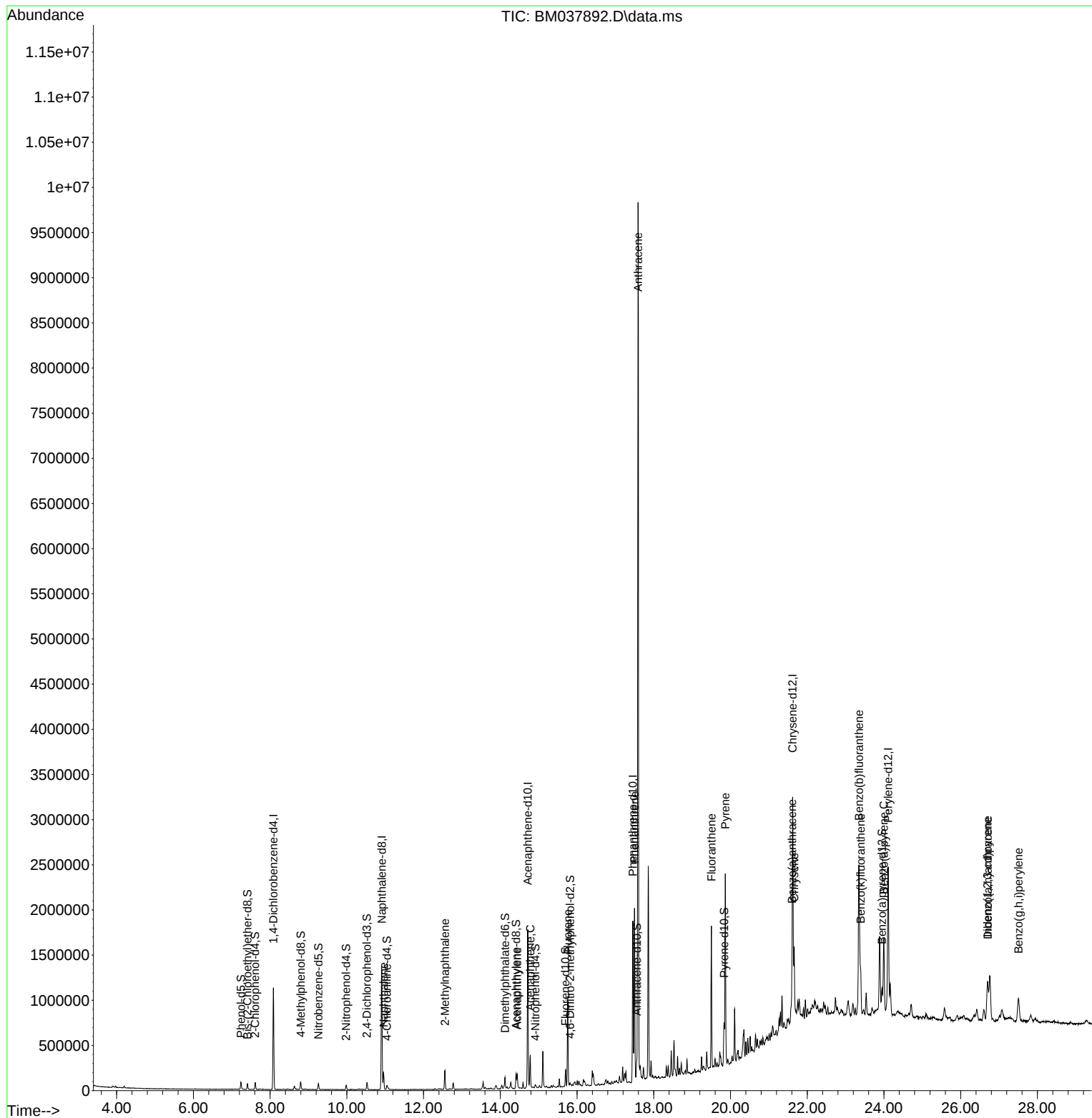
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037892.D
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ALS Vial : 17 Sample Multiplier: 1

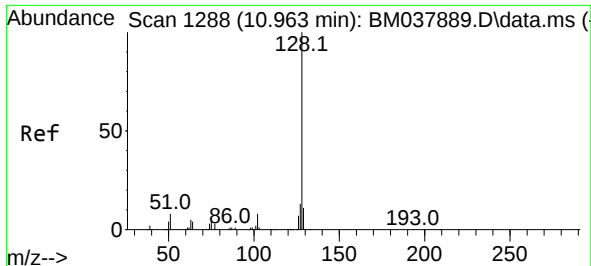
Instrument :
BNA_M
ClientSampleId :
DBXL1

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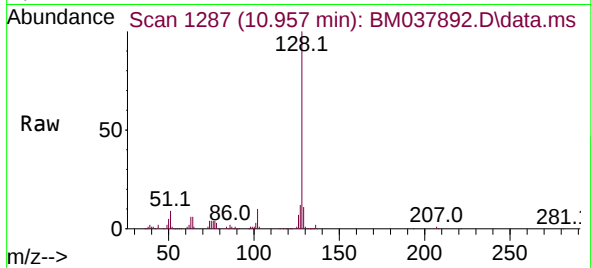
Quant Time: Dec 08 22:41:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration





#30
Naphthalene
Concen: 2.552 ng/ul
RT: 10.957 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

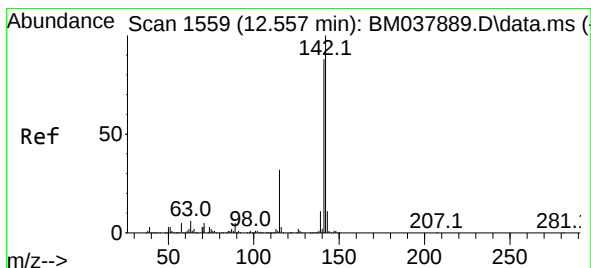
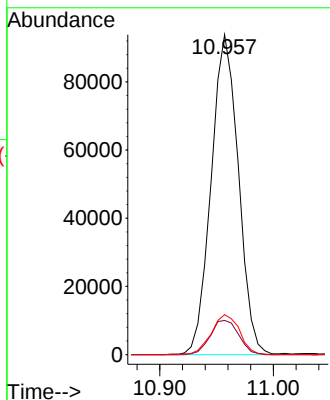
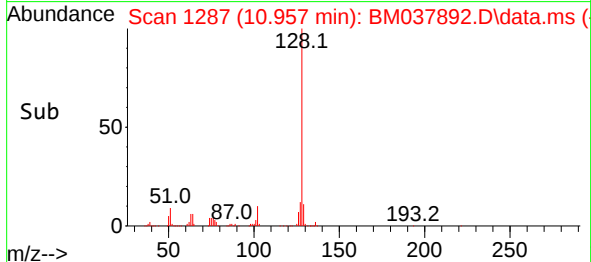
Instrument :
BNA_M
ClientSampleId :
DBXL1



Tgt Ion:128 Resp: 15665
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 12.5 10.4 15.6

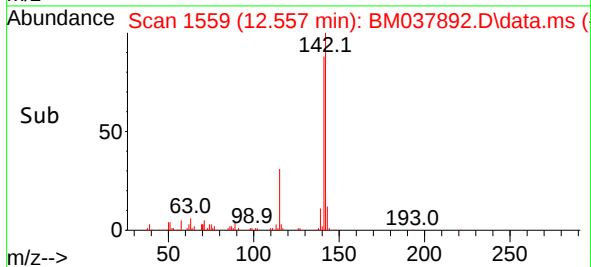
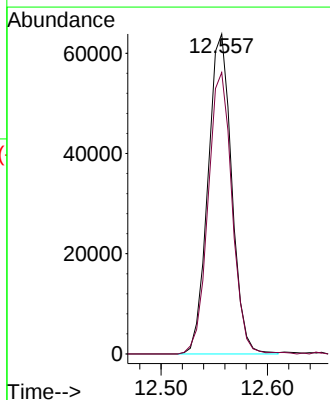
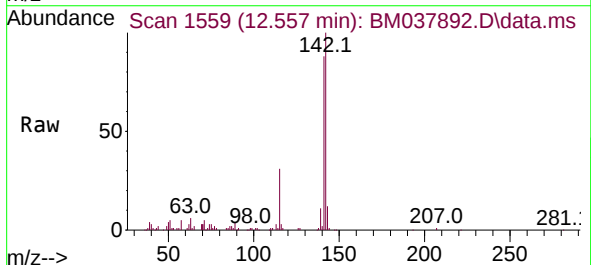
Manual Integrations
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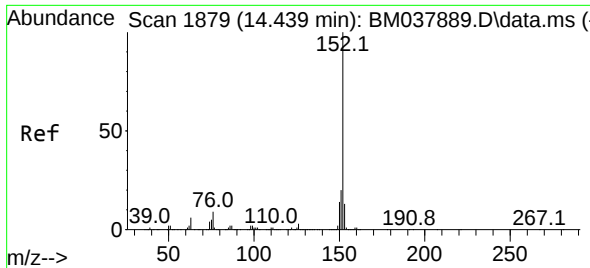
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#36
2-Methylnaphthalene
Concen: 2.482 ng/ul
RT: 12.557 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

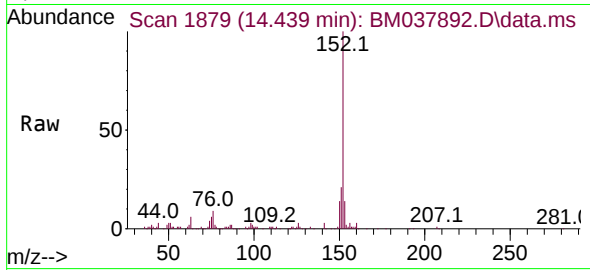
Tgt Ion:142 Resp: 98807
Ion Ratio Lower Upper
142 100
141 87.9 69.4 104.0





#50
Acenaphthylene
Concen: 2.341 ng/ul
RT: 14.439 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

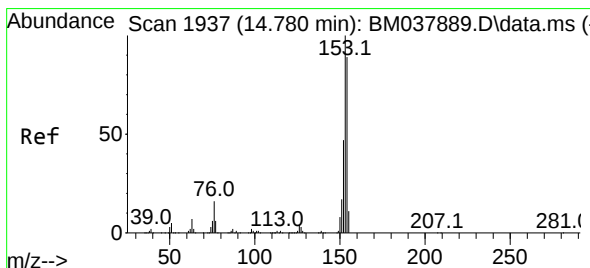
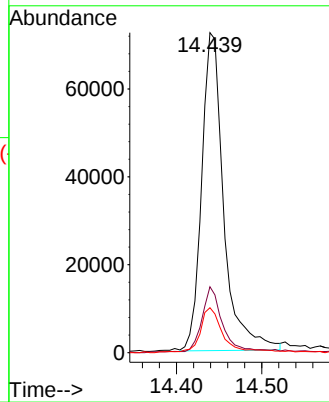
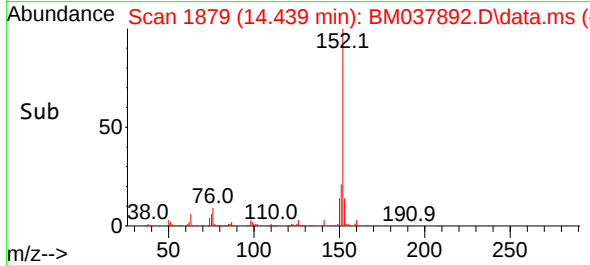
Instrument :
BNA_M
ClientSampleId :
DBXL1



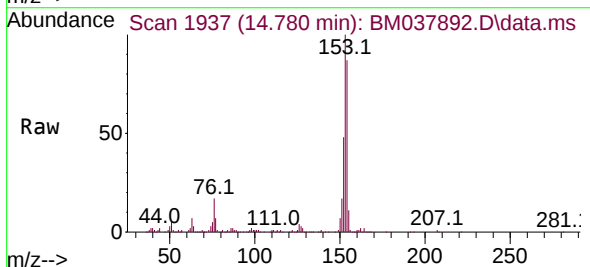
Tgt Ion:152 Resp: 130282
Ion Ratio Lower Upper
152 100
151 20.6 15.3 22.9
153 14.0 10.2 15.4

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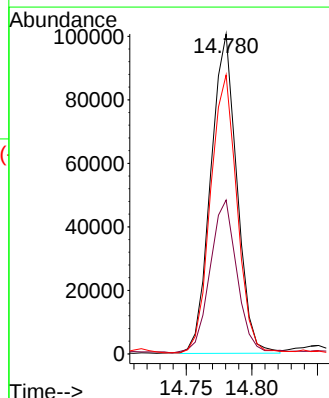
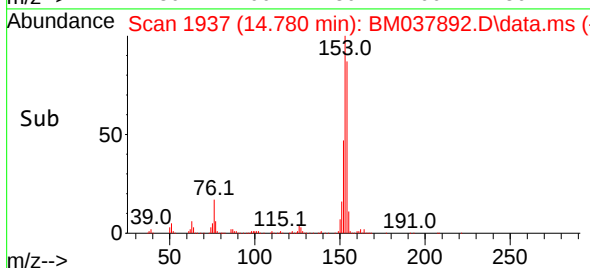
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

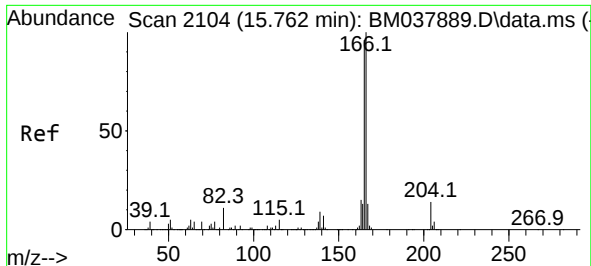


#52
Acenaphthene
Concen: 3.632 ng/ul
RT: 14.780 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27



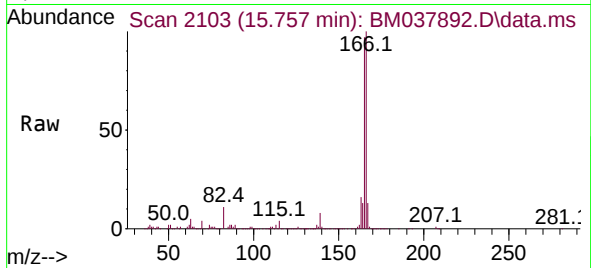
Tgt Ion:153 Resp: 139824
Ion Ratio Lower Upper
153 100
152 48.1 38.2 57.4
154 87.2 71.4 107.0





#61
Fluorene
Concen: 10.096 ng/ul
RT: 15.757 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

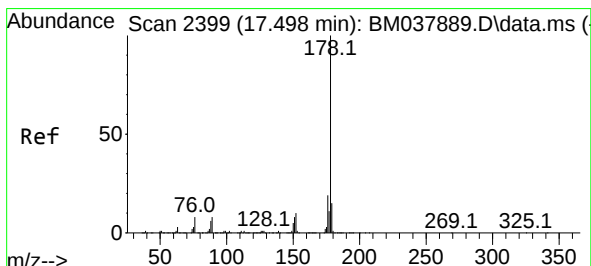
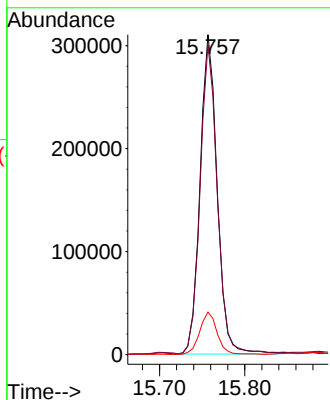
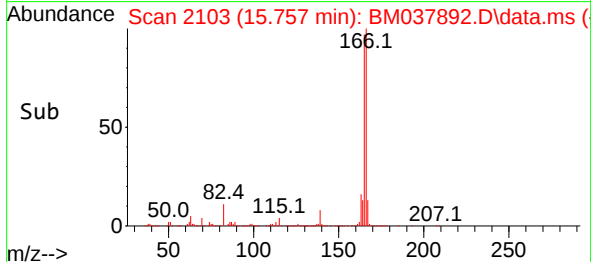
Instrument :
BNA_M
ClientSampleId :
DBXL1



Tgt Ion:166 Resp: 432716
Ion Ratio Lower Upper
166 100
165 96.9 77.2 115.8
167 13.3 10.4 15.6

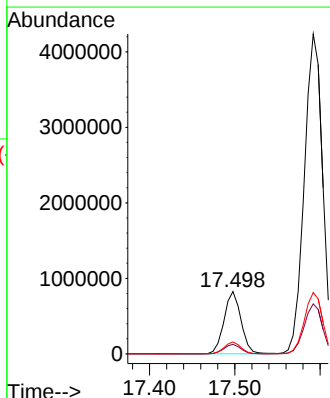
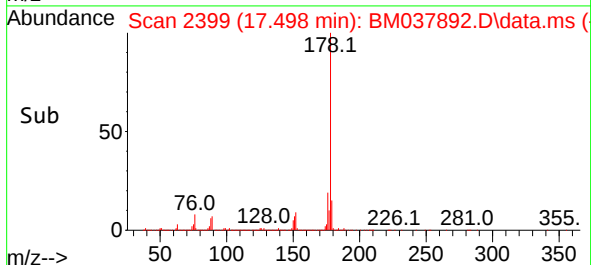
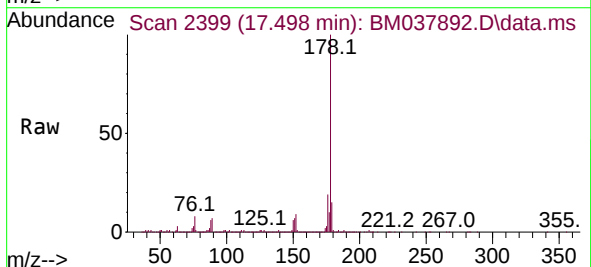
Manual Integrations
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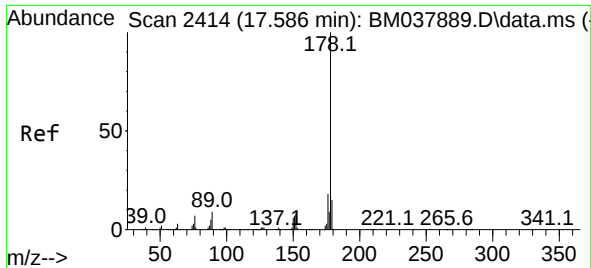
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#72
Phenanthrene
Concen: 18.434 ng/ul
RT: 17.498 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

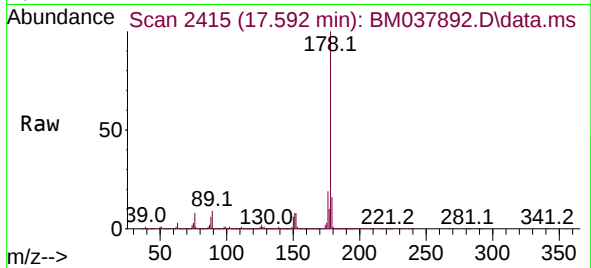
Tgt Ion:178 Resp: 1142212
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 19.1 15.4 23.0





#74
 Anthracene
 Concen: 99.841 ng/ul
 RT: 17.592 min Scan# 2414
 Delta R.T. 0.000 min
 Lab File: BM037892.D
 Acq: 08 Dec 2022 18:27

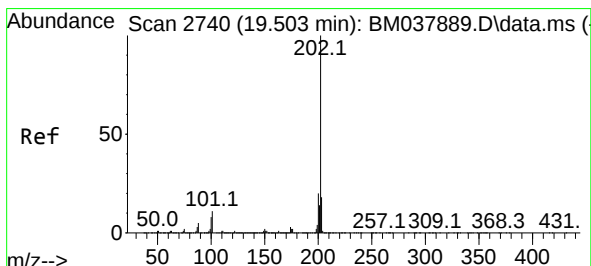
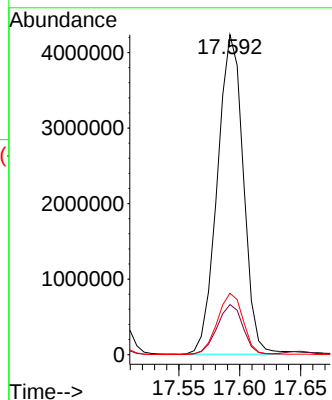
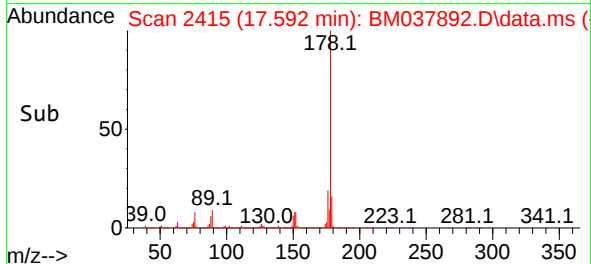
Instrument :
 BNA_M
 ClientSampleId :
 DBXL1



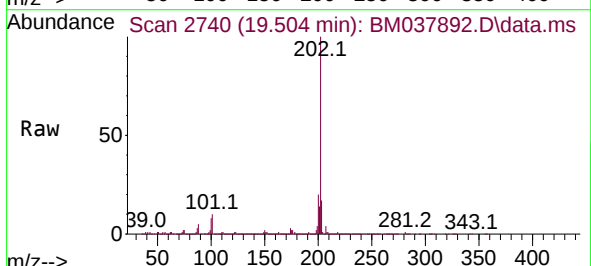
Tgt Ion:178 Resp: 6286998
 Ion Ratio Lower Upper
 178 100
 179 15.6 11.8 17.8
 176 19.2 15.0 22.6

Manual Integrations
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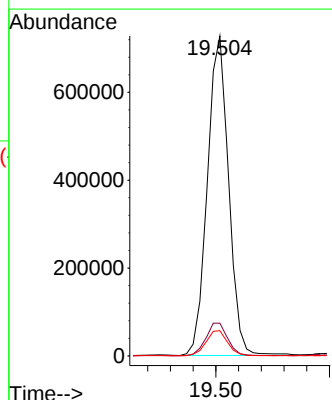
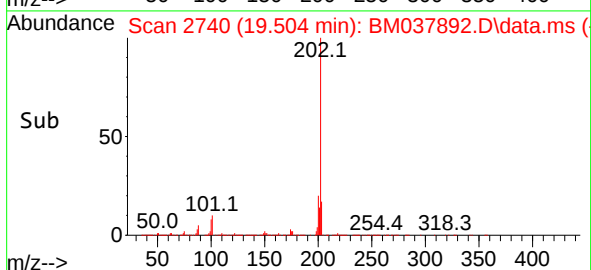
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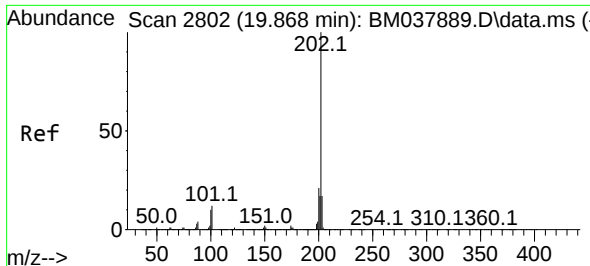


#80
 Fluoranthene
 Concen: 12.513 ng/ul
 RT: 19.504 min Scan# 2740
 Delta R.T. 0.000 min
 Lab File: BM037892.D
 Acq: 08 Dec 2022 18:27



Tgt Ion:202 Resp: 945096
 Ion Ratio Lower Upper
 202 100
 101 10.2 8.6 13.0
 100 7.9 6.6 10.0





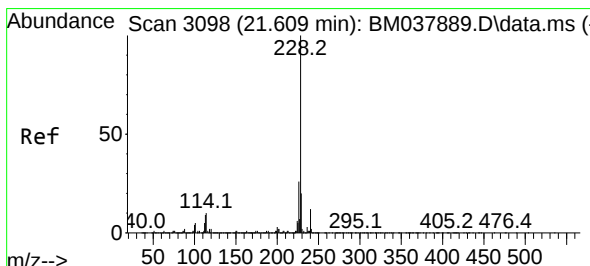
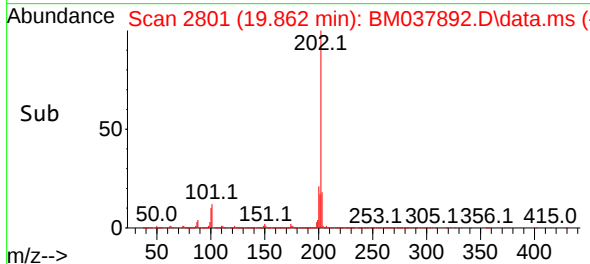
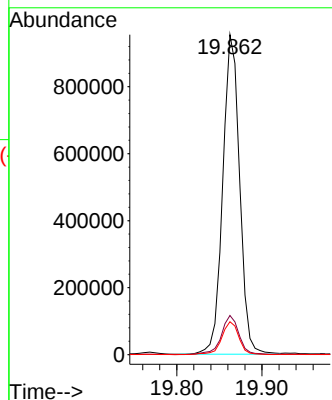
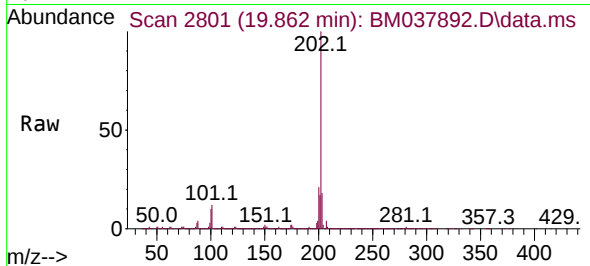
#82
Pyrene
Concen: 16.730 ng/ul
RT: 19.862 min Scan# 2801
Delta R.T. -0.006 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

Instrument :
BNA_M
ClientSampleId :
DBXL1

Tgt Ion:202 Resp: 131508
Ion Ratio Lower Upper
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101 12.2 10.0 15.0
100 10.3 7.9 11.9

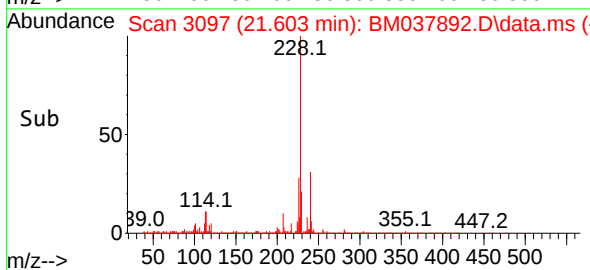
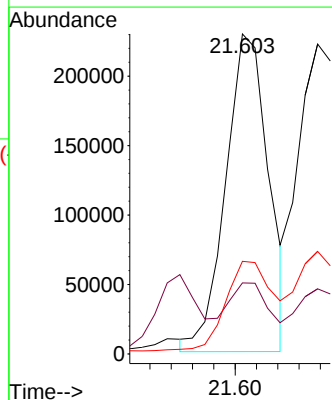
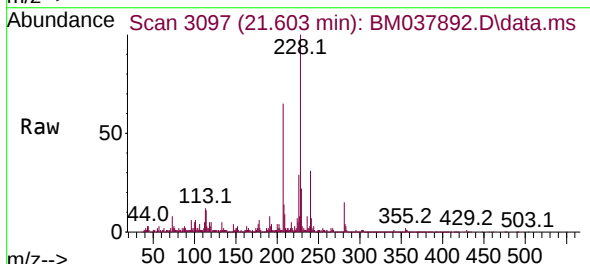
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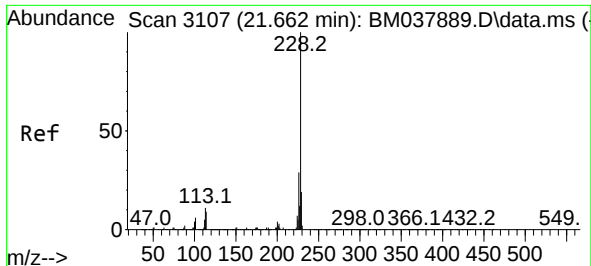
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#85
Benzo(a)anthracene
Concen: 4.463 ng/ul
RT: 21.603 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

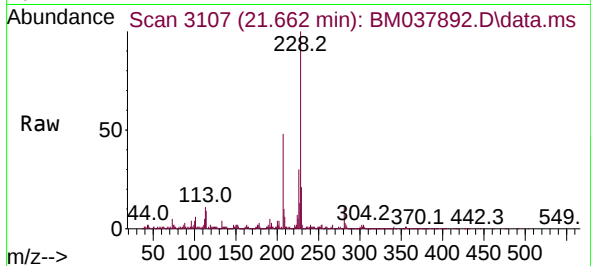
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Ion Ratio Lower Upper
228 100
229 22.2 15.5 23.3
226 28.9 21.8 32.8





#87
Chrysene
Concen: 10.201 ng/ul m
RT: 21.662 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

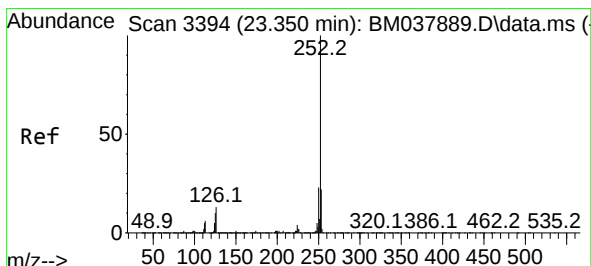
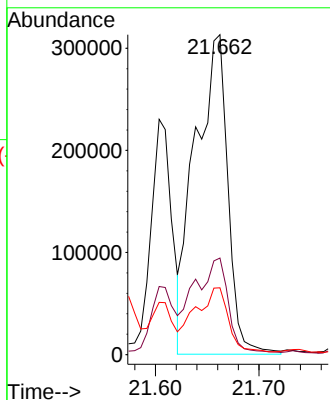
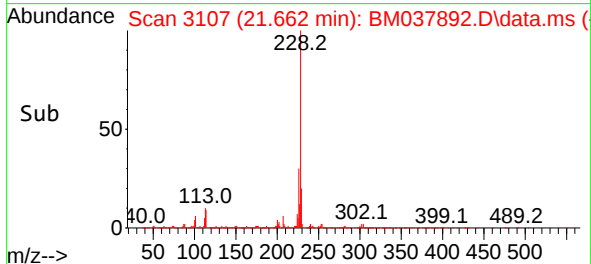
Instrument :
BNA_M
ClientSampleId :
DBXL1



Tgt Ion:228 Resp: 686484
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 20.9 15.6 23.4

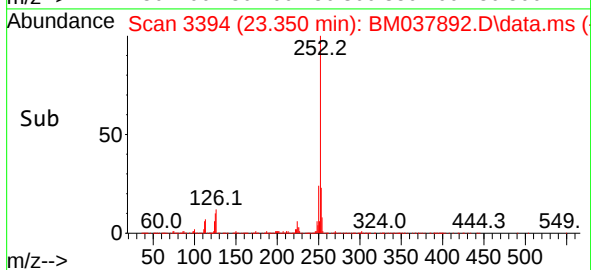
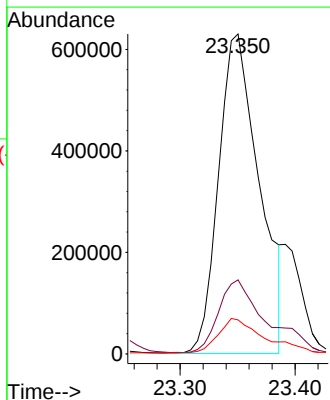
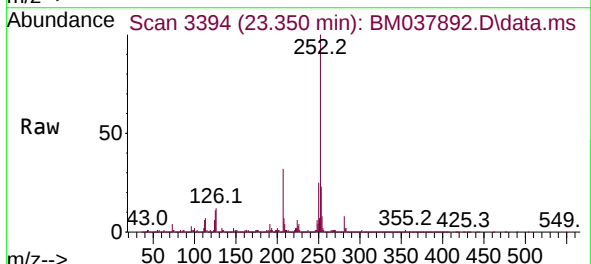
Manual Integrations
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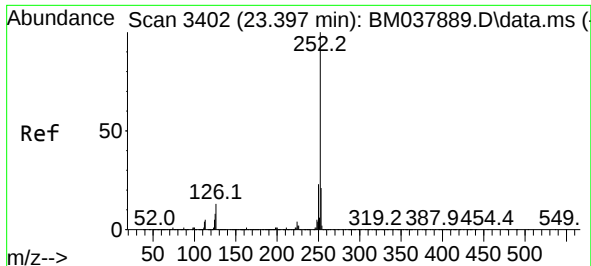
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#90
Benzo(b)fluoranthene
Concen: 19.503 ng/ul m
RT: 23.350 min Scan# 3394
Delta R.T. 0.006 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

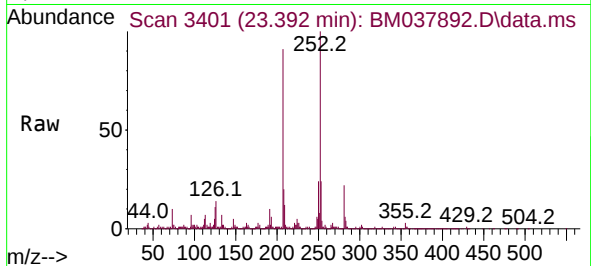
Tgt Ion:252 Resp: 1546717
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 10.6 8.0 12.0





#91
Benzo(k)fluoranthene
Concen: 3.345 ng/ul m
RT: 23.392 min Scan# 3402
Delta R.T. -0.006 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

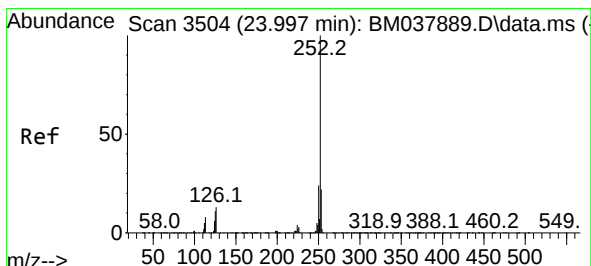
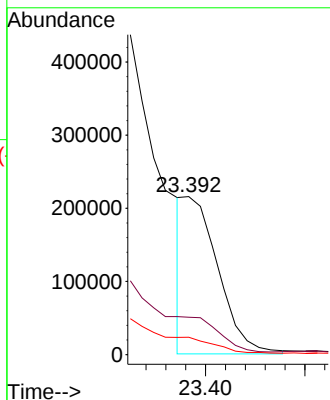
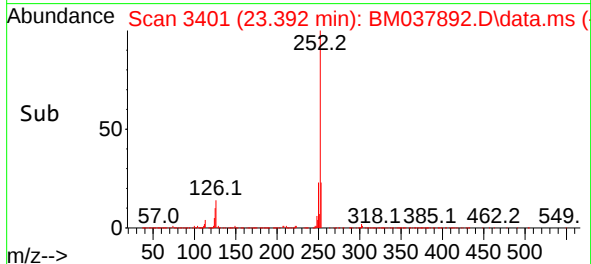
Instrument :
BNA_M
ClientSampleId :
DBXL1



Tgt Ion:252 Resp: 257069
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 11.0 8.1 12.1

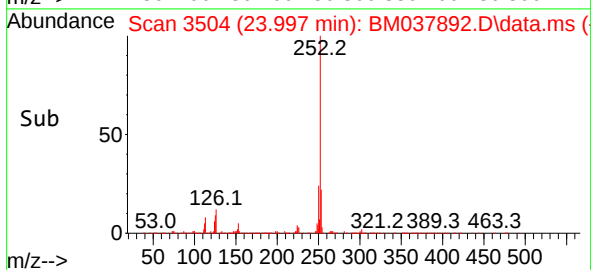
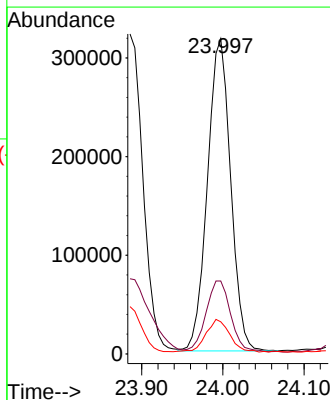
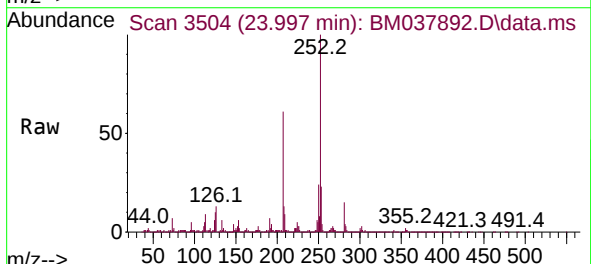
Manual Integrations
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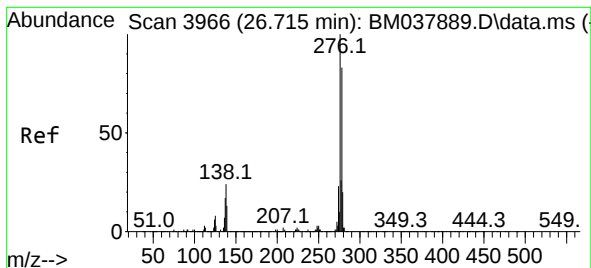
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#93
Benzo(a)pyrene
Concen: 9.029 ng/ul
RT: 23.997 min Scan# 3504
Delta R.T. 0.000 min
Lab File: BM037892.D
Acq: 08 Dec 2022 18:27

Tgt Ion:252 Resp: 629648
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 10.2 9.4 14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.335 ng/ul

RT: 26.703 min Scan# 3964

Delta R.T. -0.006 min

Lab File: BM037892.D

Acq: 08 Dec 2022 18:27

Instrument :

BNA_M

ClientSampleId :

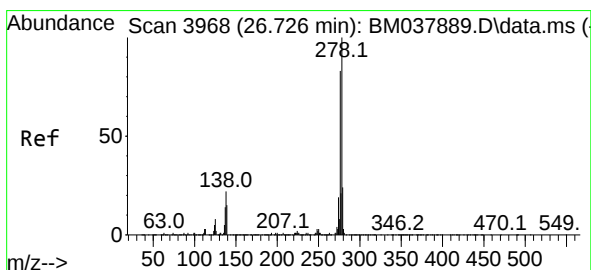
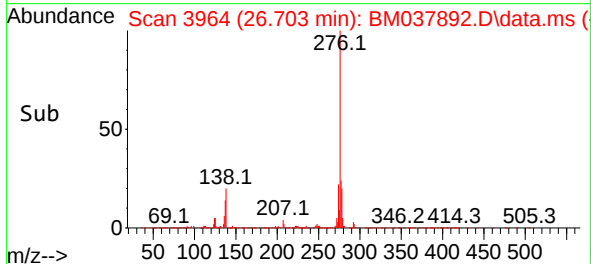
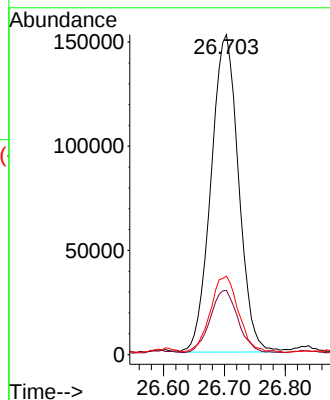
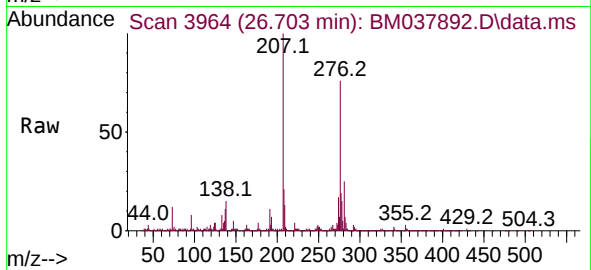
DBXL1

Tgt Ion:	276	Resp:	479202
Ion Ratio	Lower	Upper	
276	100		
138	20.1	19.3	28.9
277	24.5	19.8	29.8

Manual Integrations

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



#95

Dibenzo(a,h)anthracene

Concen: 1.566 ng/ul

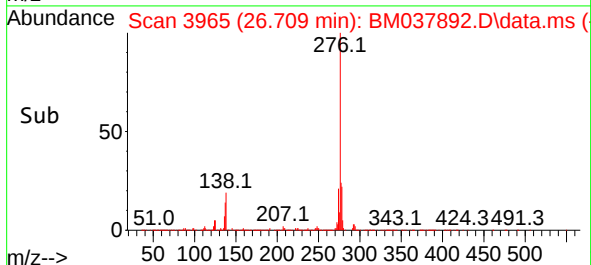
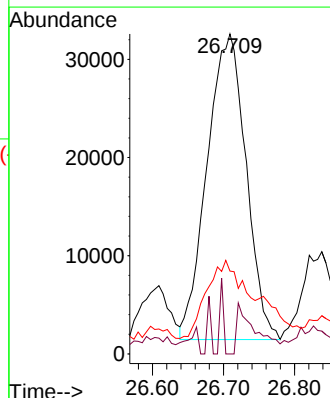
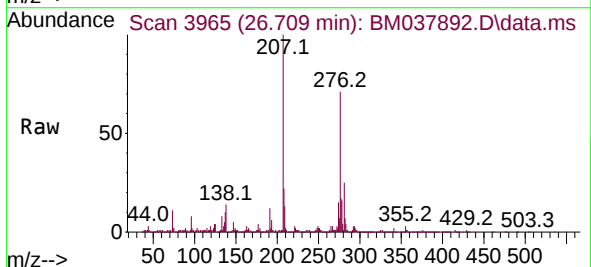
RT: 26.709 min Scan# 3965

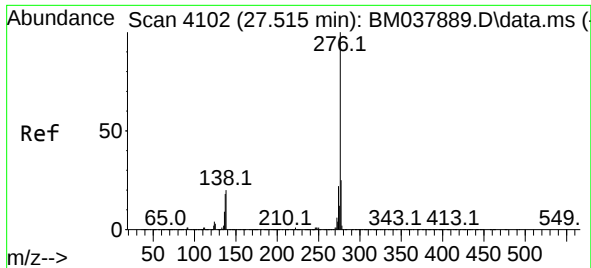
Delta R.T. -0.018 min

Lab File: BM037892.D

Acq: 08 Dec 2022 18:27

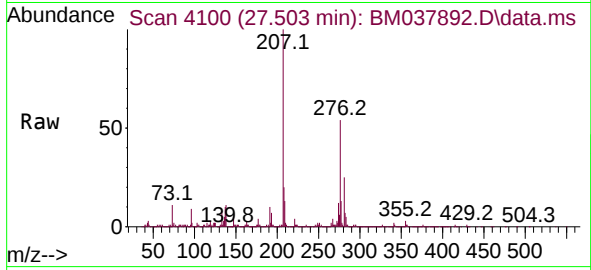
Tgt Ion:	278	Resp:	118540
Ion Ratio	Lower	Upper	
278	100		
139	0.0	12.4	18.6#
279	25.9	19.8	29.6





#96
 Benzo(g,h,i)perylene
 Concen: 5.080 ng/ul
 RT: 27.503 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BM037892.D
 Acq: 08 Dec 2022 18:27

Instrument :
 BNA_M
 ClientSampleId :
 DBXL1



Tgt Ion:276 Resp: 364272
 Ion Ratio Lower Upper
 276 100
 138 21.2 17.1 25.7
 277 24.4 18.2 27.4

Manual Integrations
 APPROVED

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

