

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037899.D
 Acq On : 08 Dec 2022 22:44
 Operator : CG/JU
 Sample : N5832-10 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXK7

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 01:50:41 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	327549	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	1339122	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	738114	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	1397108	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	1023413	20.000	ng/u1	0.00
88) Perylene-d12	24.103	264	1130731	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	6478m	0.898	ng/uL	0.00
4) Pyridine-d5	3.887	84	28807m	1.346	ng/u1	0.02
7) Phenol-d5	7.240	99	120559	4.529	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	73847	4.556	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	99985	4.579	ng/u1	0.00
15) 4-Methylphenol-d8	8.792	113	89416	4.304	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	50144	4.729	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	50532	4.548	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	91376	4.330	ng/u1	0.00
31) 4-Chloroaniline-d4	11.045	131	59824	2.054	ng/u1	0.00
46) Dimethylphthalate-d6	14.121	166	266297	5.061	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	306048	4.759	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	24602	2.743	ng/u1	0.00
60) Fluorene-d10	15.698	176	243378	5.191	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	19667	2.633	ng/u1	0.00
73) Anthracene-d10	17.551	188	343502	5.268	ng/u1	0.00
81) Pyrene-d10	19.833	212	340517	5.539	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.938	264	284115	5.031	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.957	128	79748	1.104	ng/u1	99
50) Acenaphthylene	14.439	152	112611	1.592	ng/u1	98
61) Fluorene	15.757	166	150792	2.769	ng/u1	96
72) Phenanthrene	17.492	178	462376	6.060	ng/u1	99
74) Anthracene	17.598	178	9193069	118.565	ng/u1	98
80) Fluoranthene	19.498	202	651282	8.977	ng/u1	100
82) Pyrene	19.862	202	619212	8.200	ng/u1	98
85) Benzo(a)anthracene	21.603	228	298553	4.333	ng/u1	95
87) Chrysene	21.656	228	549476	8.500	ng/u1	99
90) Benzo(b)fluoranthene	23.344	252	679578	9.694	ng/u1	99
91) Benzo(k)fluoranthene	23.386	252	195973m	2.885	ng/u1	
93) Benzo(a)pyrene	23.991	252	288875	4.686	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	26.691	276	261083	3.289	ng/u1	96
95) Dibenzo(a,h)anthracene	26.691	278	68030	1.016	ng/u1#	78
96) Benzo(g,h,i)perylene	27.497	276	181649	2.866	ng/u1	93

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

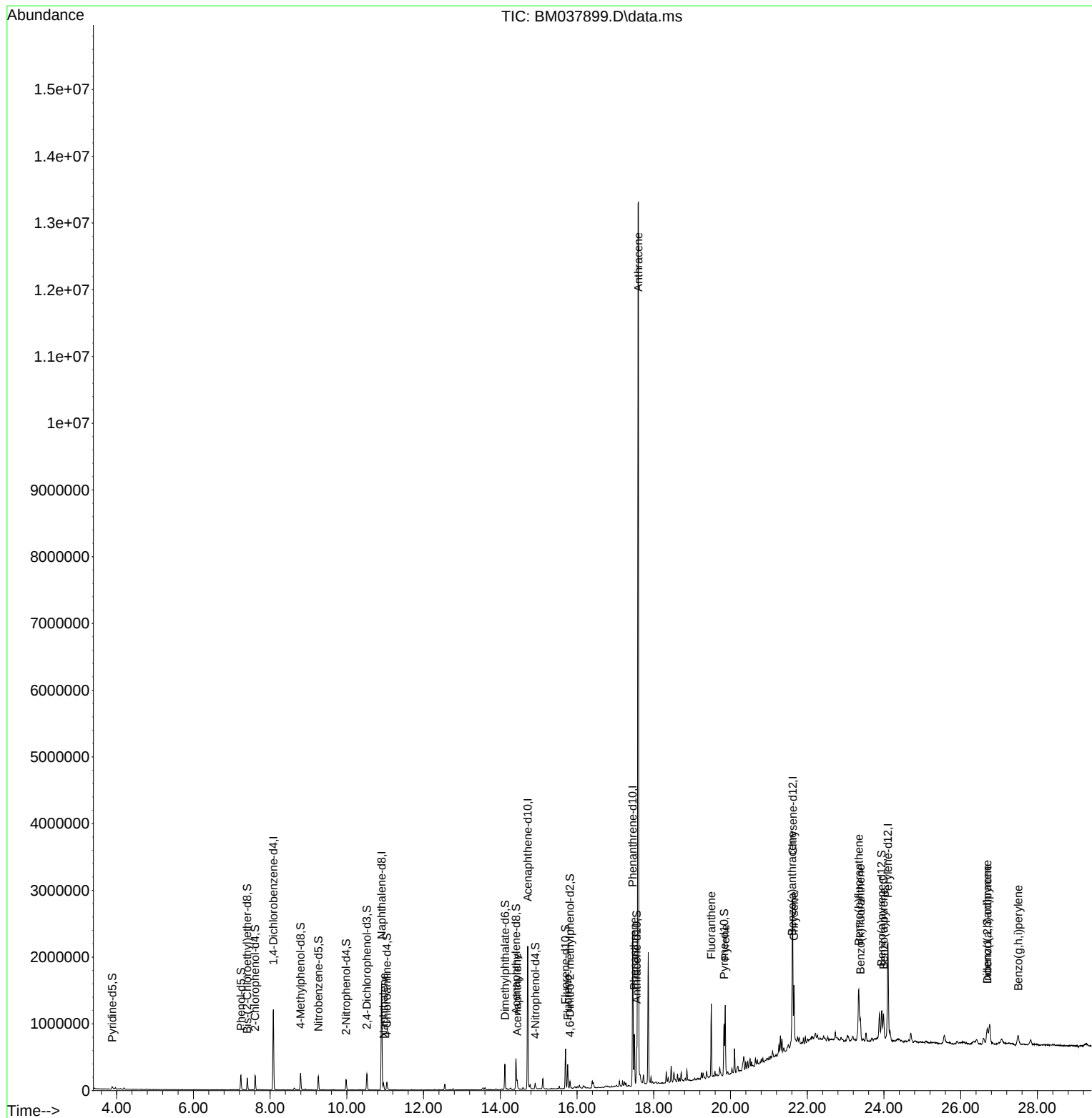
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037899.D
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ALS Vial : 24 Sample Multiplier: 1

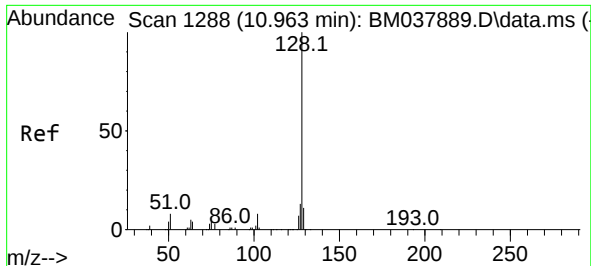
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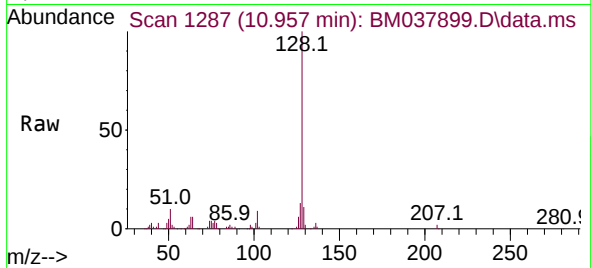
Quant Time: Dec 09 01:50:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.104 ng/ul
RT: 10.957 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM037899.D
Acq: 08 Dec 2022 22:44

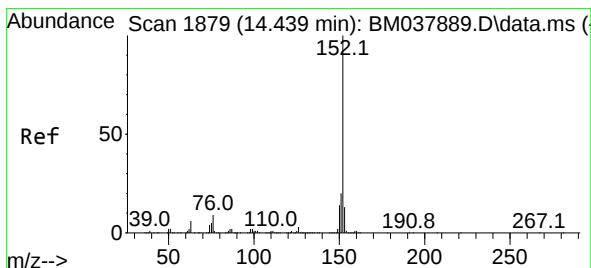
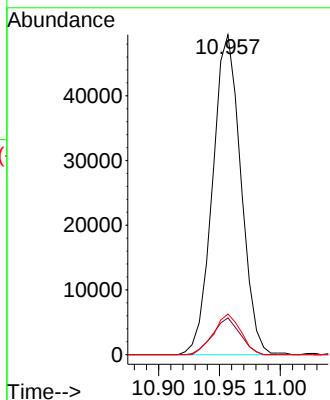
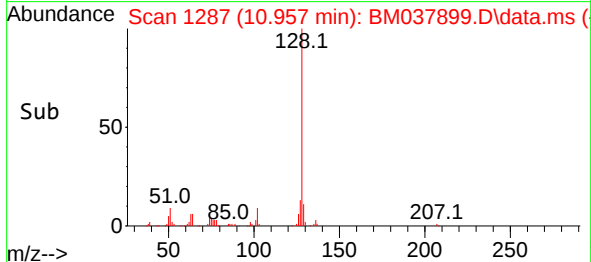
Instrument :
BNA_M
ClientSampleId :
DBXK7



Tgt Ion:128 Resp: 79748
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 12.7 10.4 15.6

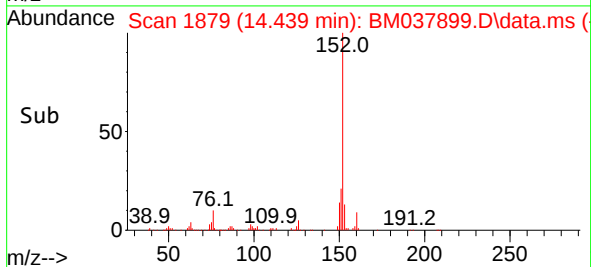
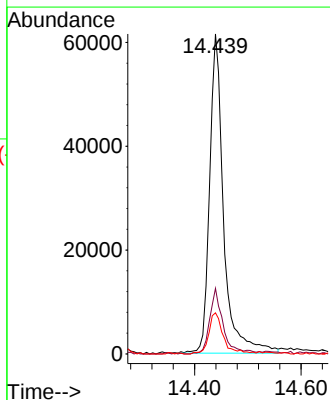
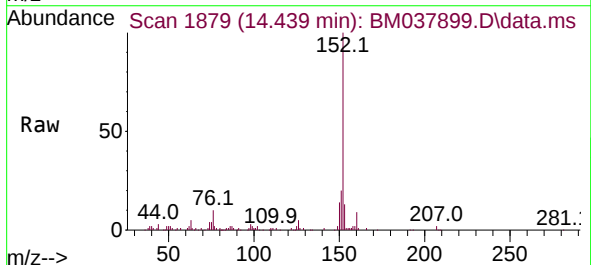
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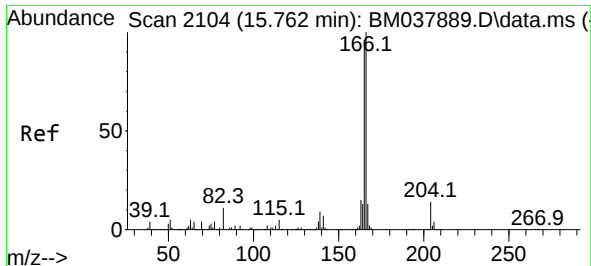
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#50
Acenaphthylene
Concen: 1.592 ng/ul
RT: 14.439 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BM037899.D
Acq: 08 Dec 2022 22:44

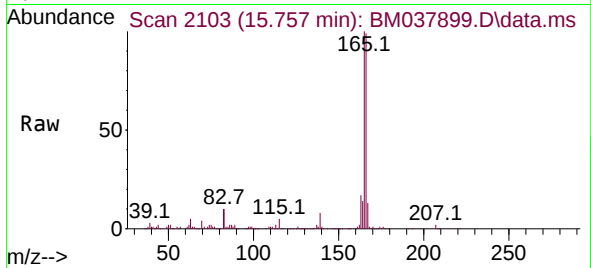
Tgt Ion:152 Resp: 112611
Ion Ratio Lower Upper
152 100
151 20.5 15.3 22.9
153 12.8 10.2 15.4





#61
Fluorene
Concen: 2.769 ng/ul
RT: 15.757 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM037889.D
Acq: 08 Dec 2022 22:44

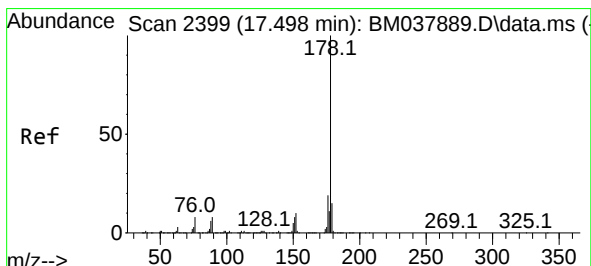
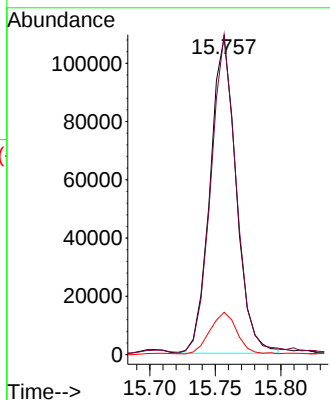
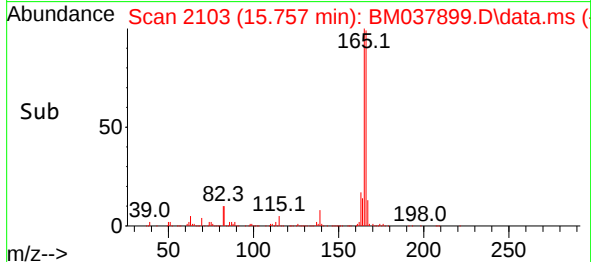
Instrument :
BNA_M
ClientSampleId :
DBXK7



Tgt Ion:166 Resp: 150792
Ion Ratio Lower Upper
166 100
165 101.0 77.2 115.8
167 13.3 10.4 15.6

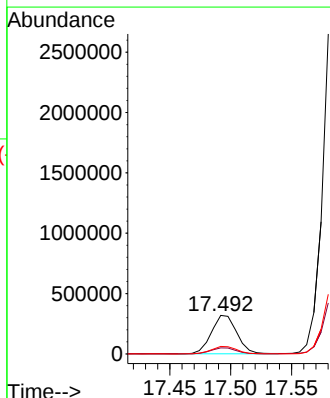
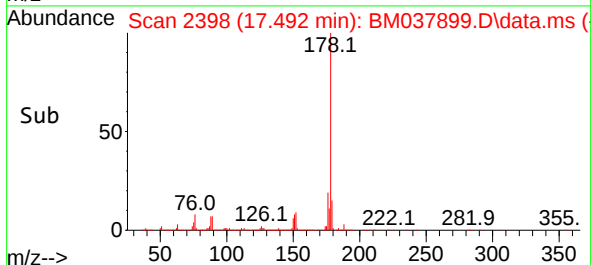
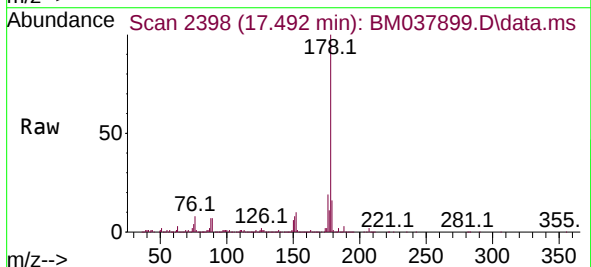
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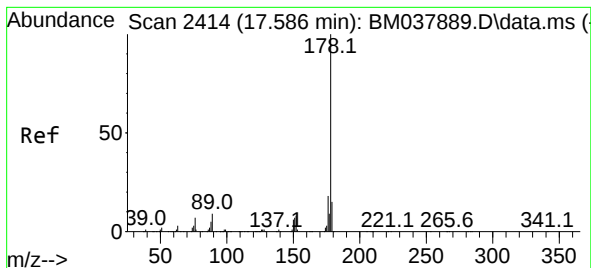
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#72
Phenanthrene
Concen: 6.060 ng/ul
RT: 17.492 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BM037889.D
Acq: 08 Dec 2022 22:44

Tgt Ion:178 Resp: 462376
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.4 15.4 23.0





#74

Anthracene

Concen: 118.565 ng/ul

RT: 17.598 min Scan# 2414

Delta R.T. 0.006 min

Lab File: BM037889.D

Acq: 08 Dec 2022 22:44

Instrument :

BNA_M

ClientSampleId :

DBXK7

Tgt Ion:178 Resp: 9193069

Ion Ratio Lower Upper

178 100

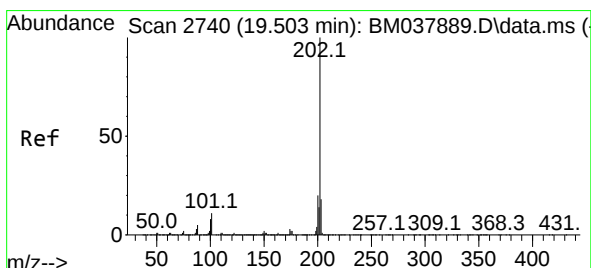
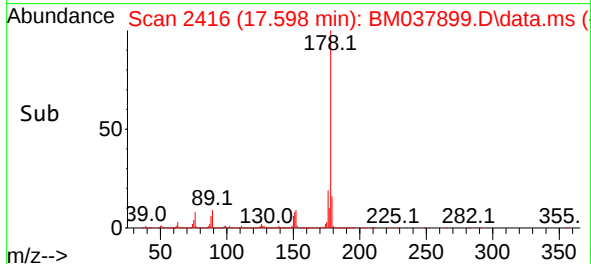
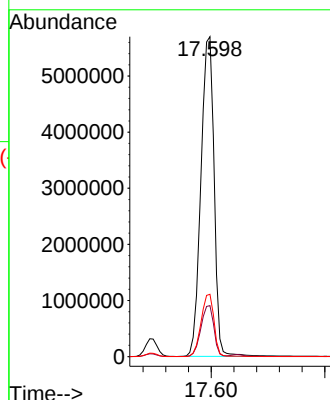
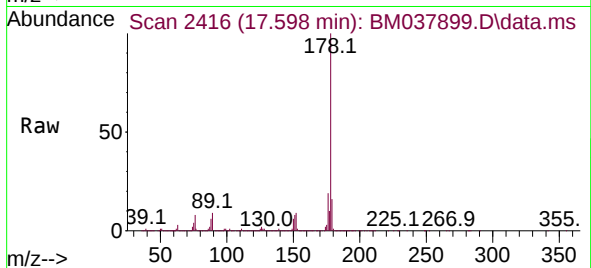
179 15.9 11.8 17.8

176 19.5 15.0 22.6

Manual Integrations

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Supervised By :mohammad ahmed 12/10/2022



#80

Fluoranthene

Concen: 8.977 ng/ul

RT: 19.498 min Scan# 2739

Delta R.T. -0.006 min

Lab File: BM037889.D

Acq: 08 Dec 2022 22:44

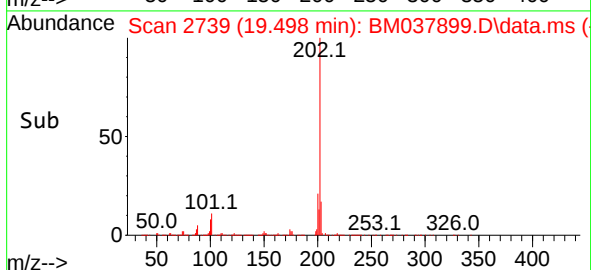
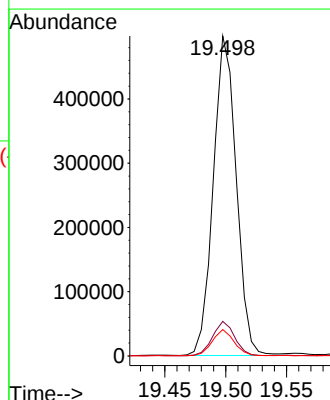
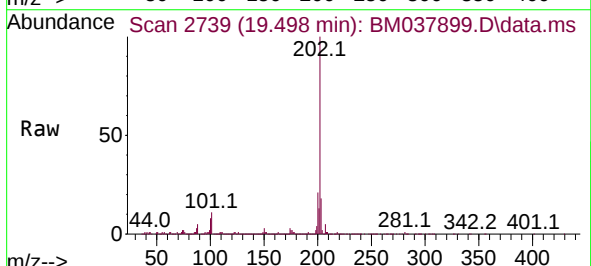
Tgt Ion:202 Resp: 651282

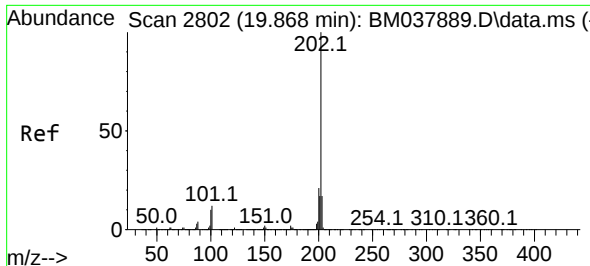
Ion Ratio Lower Upper

202 100

101 10.8 8.6 13.0

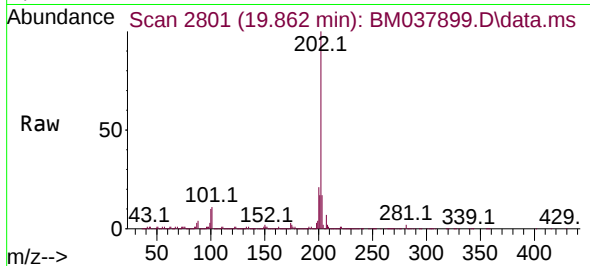
100 8.2 6.6 10.0





#82
Pyrene
Concen: 8.200 ng/ul
RT: 19.862 min Scan# 2802
Delta R.T. -0.006 min
Lab File: BM037889.D
Acq: 08 Dec 2022 22:44

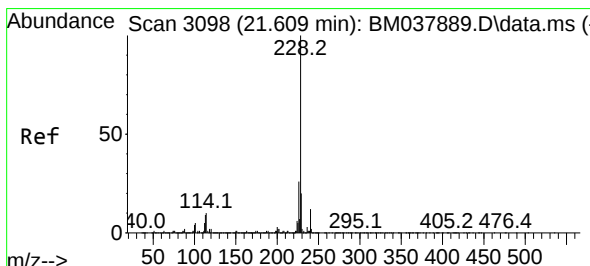
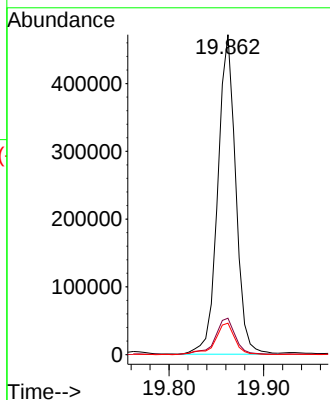
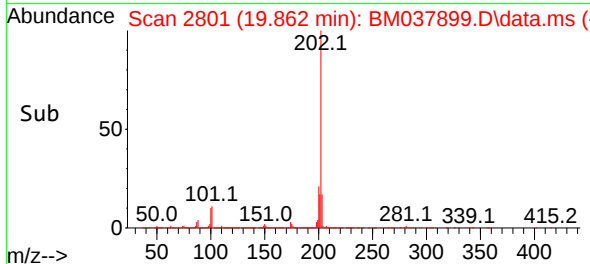
Instrument :
BNA_M
ClientSampleId :
DBXK7



Tgt Ion:202 Resp: 619212
Ion Ratio Lower Upper
202 100
101 11.4 10.0 15.0
100 9.8 7.9 11.9

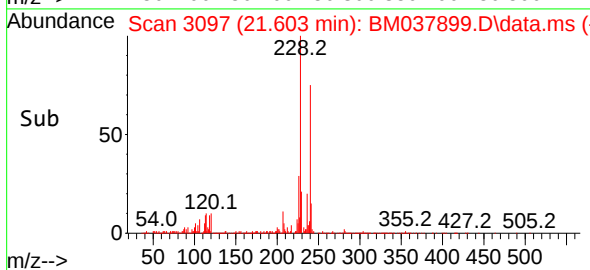
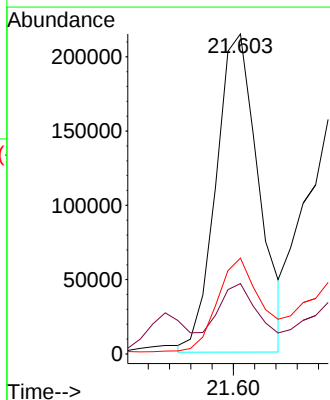
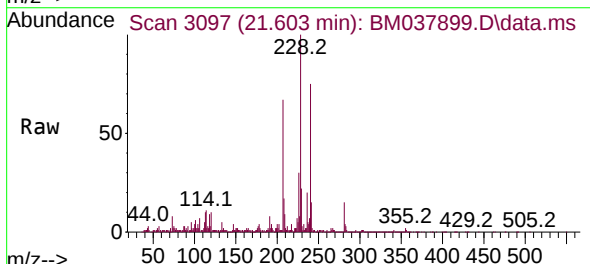
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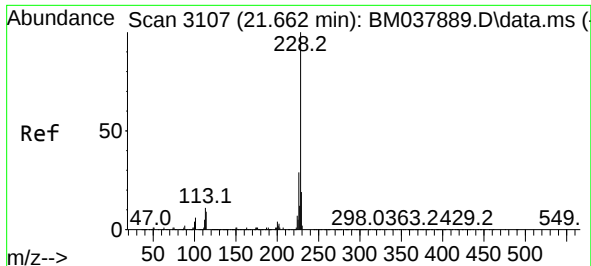
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#85
Benzo(a)anthracene
Concen: 4.333 ng/ul
RT: 21.603 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BM037889.D
Acq: 08 Dec 2022 22:44

Tgt Ion:228 Resp: 298553
Ion Ratio Lower Upper
228 100
229 22.0 15.5 23.3
226 29.9 21.8 32.8





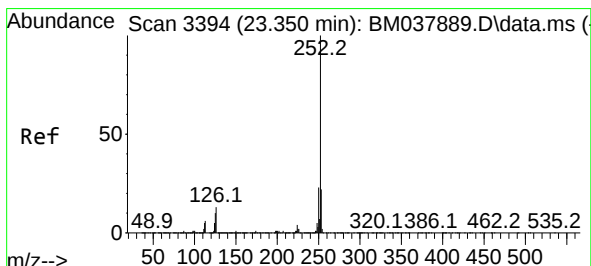
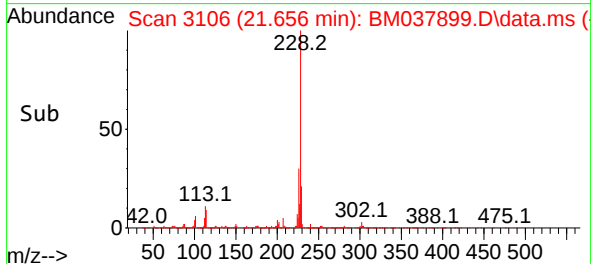
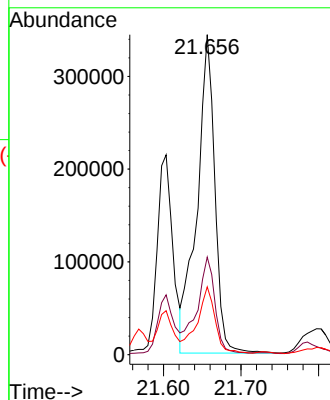
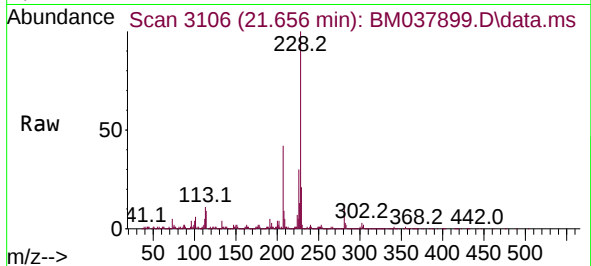
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Chrysene
Concen: 8.500 ng/ul
RT: 21.656 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM037889.D
Acq: 08 Dec 2022 22:44

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:228 Resp: 549476
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 21.2 15.6 23.4

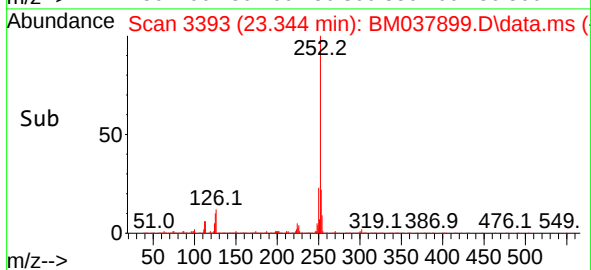
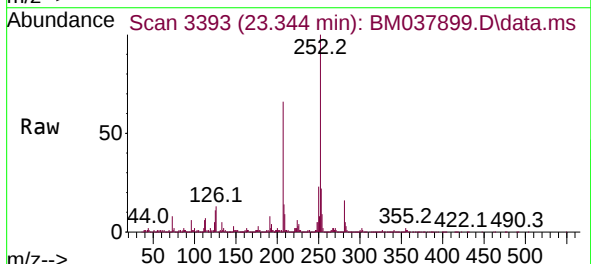
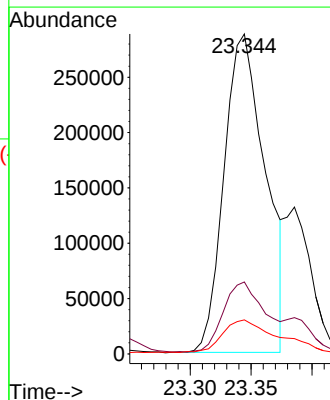
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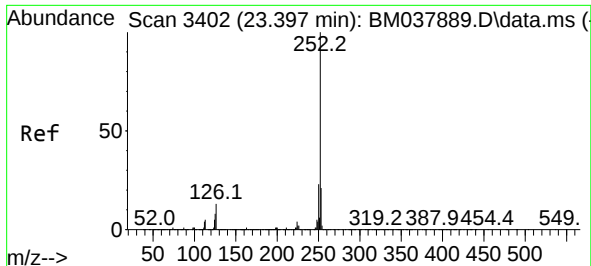
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#90
Benzo(b)fluoranthene
Concen: 9.694 ng/ul
RT: 23.344 min Scan# 3393
Delta R.T. 0.000 min
Lab File: BM037889.D
Acq: 08 Dec 2022 22:44

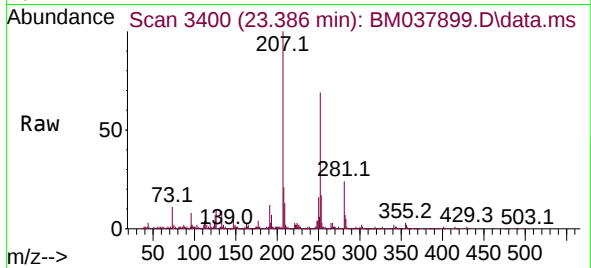
Tgt Ion:252 Resp: 679578
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 10.6 8.0 12.0





#91
Benzo(k)fluoranthene
Concen: 2.885 ng/ul m
RT: 23.386 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM037899.D
Acq: 08 Dec 2022 22:44

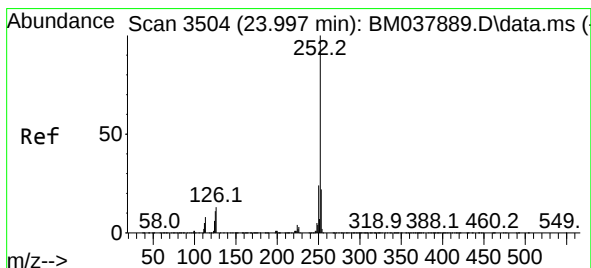
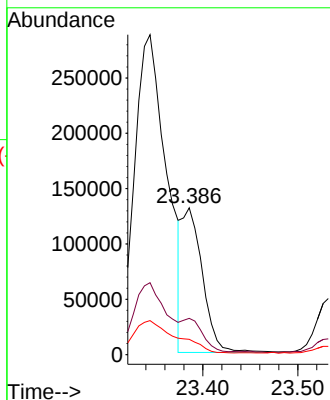
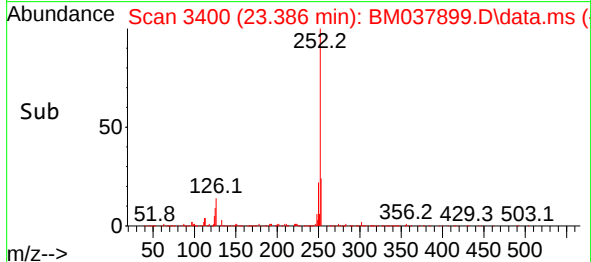
Instrument :
BNA_M
ClientSampleId :
DBXK7



Tgt Ion:252 Resp: 195973
Ion Ratio Lower Upper
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253 24.7 17.4 26.2
125 10.4 8.1 12.1

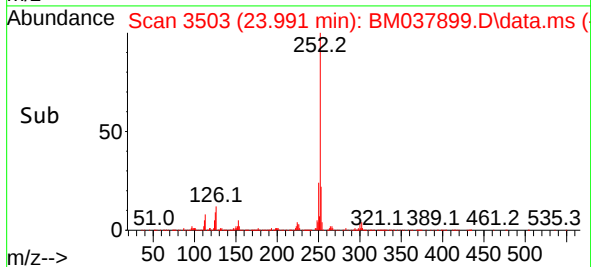
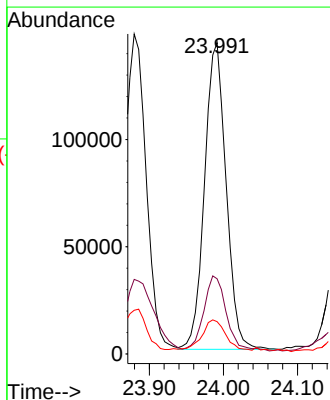
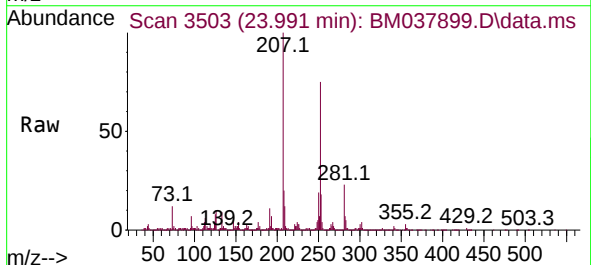
Manual Integrations
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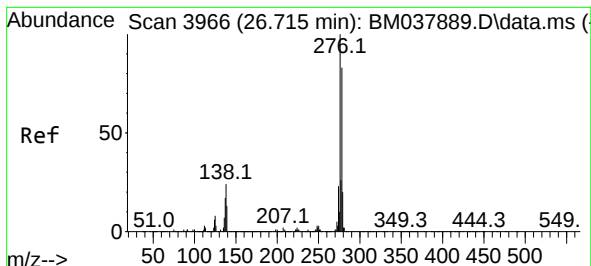
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#93
Benzo(a)pyrene
Concen: 4.686 ng/ul
RT: 23.991 min Scan# 3503
Delta R.T. -0.006 min
Lab File: BM037899.D
Acq: 08 Dec 2022 22:44

Tgt Ion:252 Resp: 288875
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.0
125 10.3 9.4 14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.289 ng/ul

RT: 26.691 min Scan# 3962

Delta R.T. -0.018 min

Lab File: BM037899.D

Acq: 08 Dec 2022 22:44

Instrument :

BNA_M

ClientSampleId :

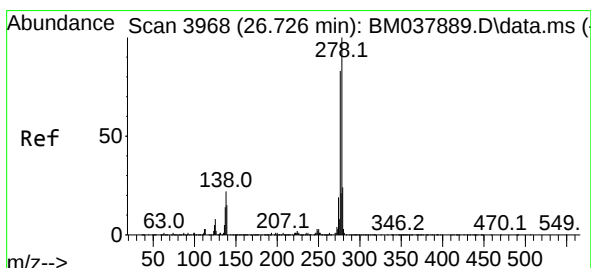
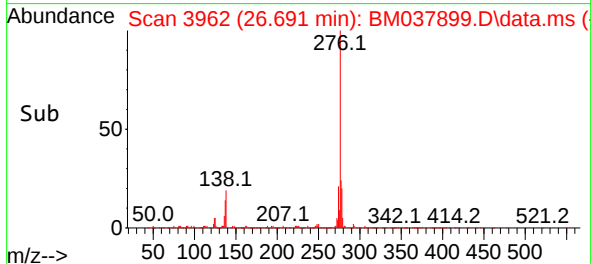
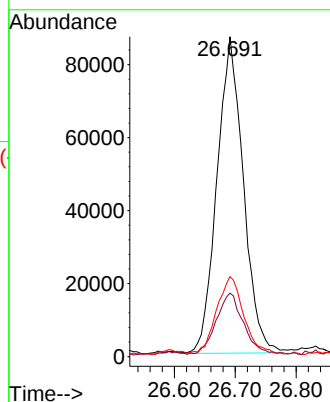
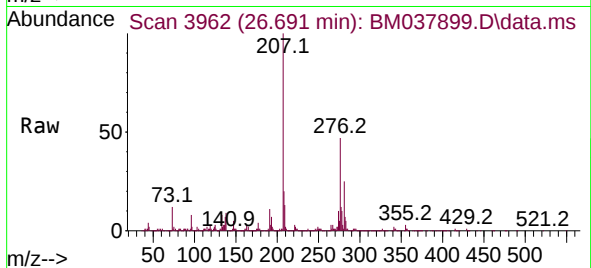
DBXK7

Tgt Ion:	276	Resp:	261083
Ion Ratio	Lower	Upper	
276	100		
138	19.8	19.3	28.9
277	25.0	19.8	29.8

Manual Integrations

APPROVED

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



#95

Dibenzo(a,h)anthracene

Concen: 1.016 ng/ul

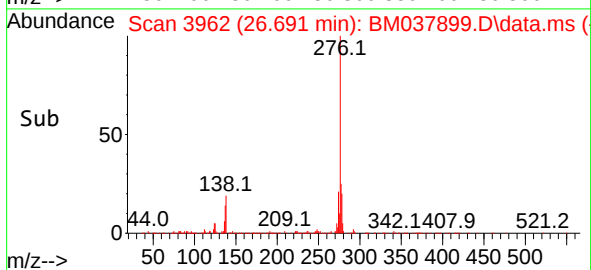
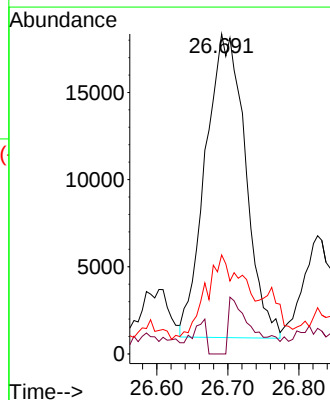
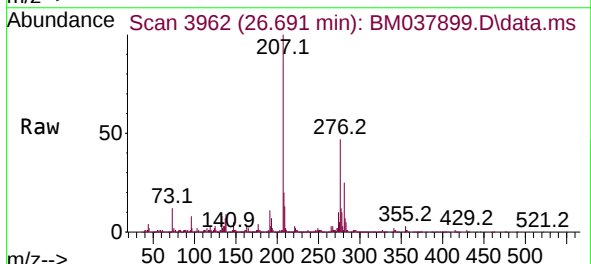
RT: 26.691 min Scan# 3962

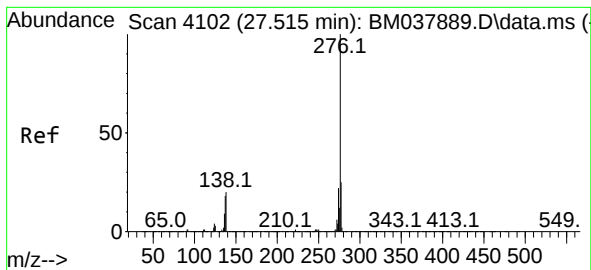
Delta R.T. -0.035 min

Lab File: BM037899.D

Acq: 08 Dec 2022 22:44

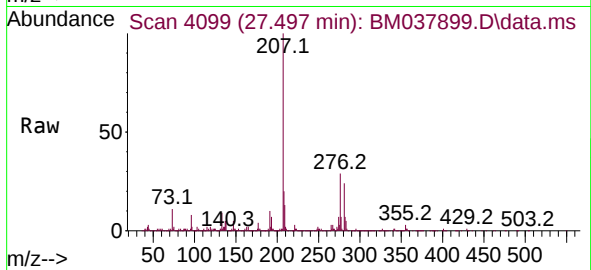
Tgt Ion:	278	Resp:	68030
Ion Ratio	Lower	Upper	
278	100		
139	0.0	12.4	18.6#
279	30.9	19.8	29.6#





#96
 Benzo(g,h,i)perylene
 Concen: 2.866 ng/ul
 RT: 27.497 min Scan# 4099
 Delta R.T. -0.018 min
 Lab File: BM037899.D
 Acq: 08 Dec 2022 22:44

Instrument :
 BNA_M
 ClientSampleId :
 DBXK7



Tgt Ion: 276 Resp: 181649

Ion	Ratio	Lower	Upper
276	100		
138	17.8	17.1	25.7
277	25.8	18.2	27.4

Manual Integrations
 APPROVED

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

