

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
 Data File : BM037933.D
 Acq On : 10 Dec 2022 13:57
 Operator : CG/JU
 Sample : N5832-17MEDL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL2MEDL

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay
 12/12/2022

Supervised By :mohammad
 ahmed
 12/12/2022

Quant Time: Dec 11 21:26:37 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	220319	20.000	ng/u1	0.00
20) Naphthalene-d8	10.898	136	792016	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	412777	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	851040	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	880684	20.000	ng/u1	0.00
88) Perylene-d12	24.097	264	1009833	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	2646	0.545	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.234	99	38261	2.137	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	24699	2.266	ng/u1	0.00
11) 2-Chlorophenol-d4	7.604	132	32062	2.183	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	26901	1.925	ng/u1	0.00
21) Nitrobenzene-d5	9.251	128	15693	2.503	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	14760	2.246	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	26526	2.125	ng/u1	0.00
31) 4-Chloroaniline-d4	11.039	131	56148	3.259	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	80463	2.734	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	89149	2.479	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	7548m	1.505	ng/u1	0.00
60) Fluorene-d10	15.692	176	76065	2.901	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	5146m	1.131	ng/u1	0.00
73) Anthracene-d10	17.545	188	125496	3.160	ng/u1	0.00
81) Pyrene-d10	19.827	212	147091	2.780	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	149795	2.970	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.951	128	74980	1.754	ng/u1	97
36) 2-Methylnaphthalene	12.551	142	50711	1.829	ng/u1	93
37) 1-Methylnaphthalene	12.763	142	31654	1.117	ng/u1#	93
52) Acenaphthene	14.774	153	276797	10.119	ng/u1	99
61) Fluorene	15.751	166	475038	15.597	ng/u1	99
72) Phenanthrene	17.492	178	1756989	37.805	ng/u1	100
74) Anthracene	17.586	178	4286201	90.750	ng/u1	99
80) Fluoranthene	19.498	202	1752214	28.064	ng/u1	99
82) Pyrene	19.856	202	1322102	20.347	ng/u1	99
85) Benzo(a)anthracene	21.603	228	329935	5.565	ng/u1	99
87) Chrysene	21.656	228	419843	7.547	ng/u1	97
90) Benzo(b)fluoranthene	23.338	252	352209	5.626	ng/u1	99
91) Benzo(k)fluoranthene	23.380	252	108233m	1.784	ng/u1	
93) Benzo(a)pyrene	23.985	252	144828	2.631	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.691	276	76455	1.078	ng/u1	98
96) Benzo(g,h,i)perylene	27.491	276	58644	1.036	ng/u1	96

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

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Data File : BM037933.D
Acq On : 10 Dec 2022 13:57
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Sample : N5832-17MEDL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

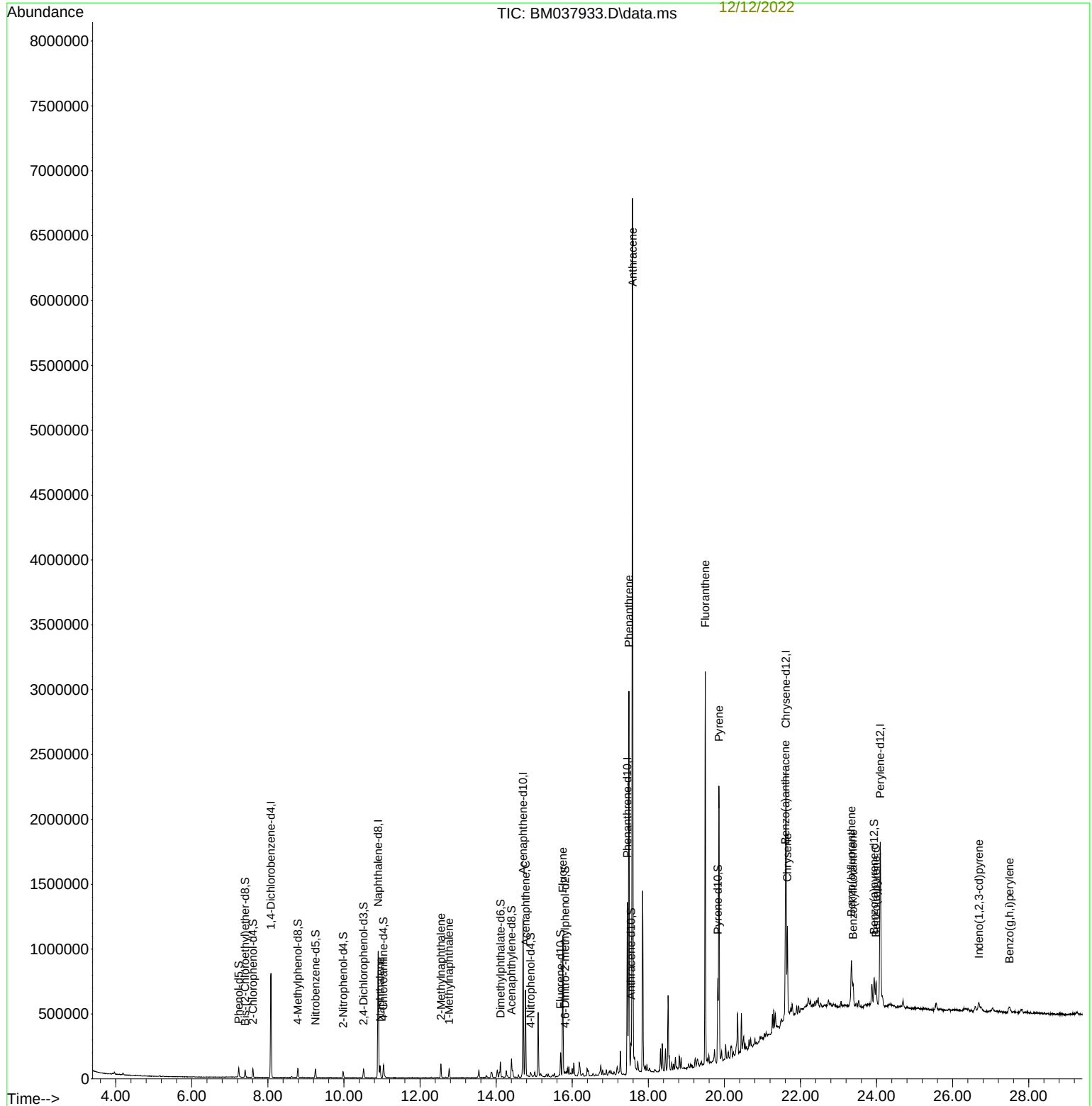
Instrument :
BNA_M
ClientSampleId :
DBXL2MEDL

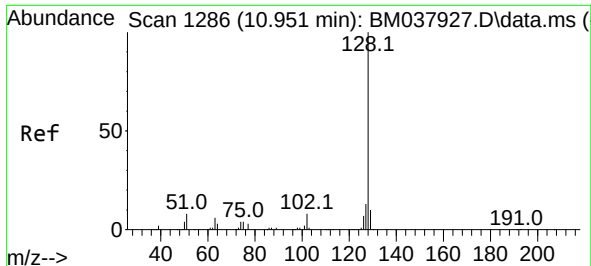
Quant Time: Dec 11 21:26:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
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Reviewed By :Jagrut
Upadhyay
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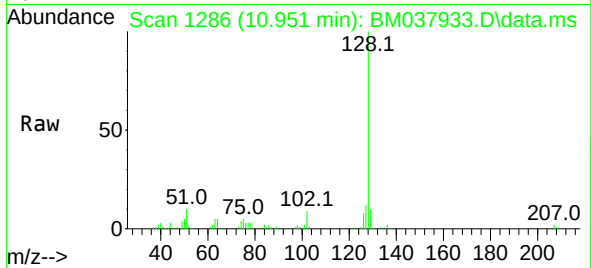
Supervised By :mohammad
ahmed
12/12/2022





#30
Naphthalene
Concen: 1.754 ng/ul
RT: 10.951 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM037933.D
Acq: 10 Dec 2022 13:57

Instrument :
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ClientSampleId :
DBXL2MEDL

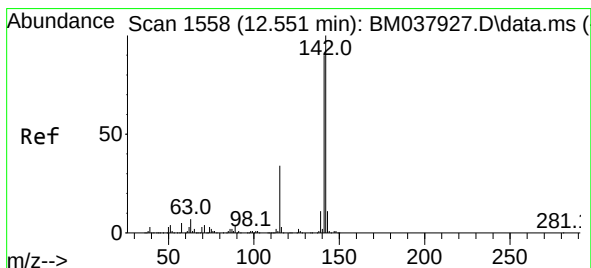
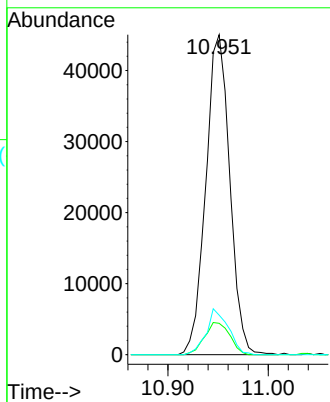
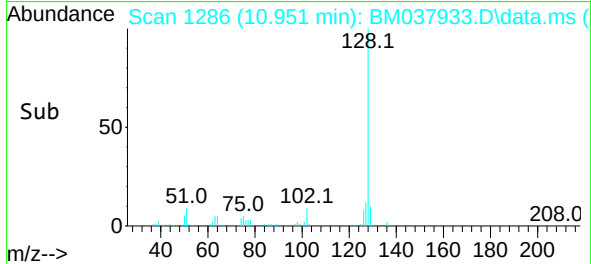


Tgt Ion:128 Resp: 74980
Ion Ratio Lower Upper
128 100
129 9.8 9.0 13.4
127 12.4 10.4 15.6

Manual Integrations
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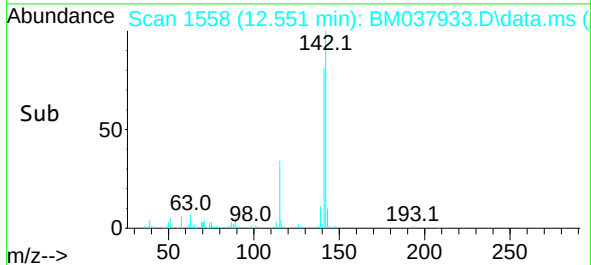
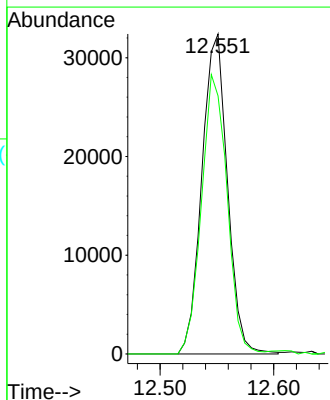
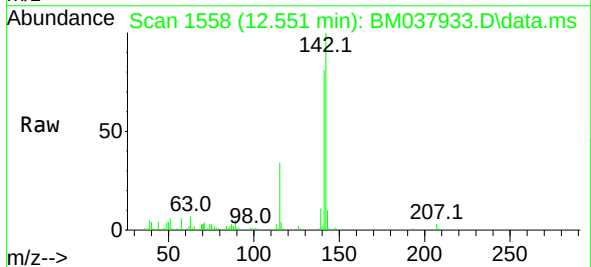
Reviewed By :Jagrut
Upadhyay
12/12/2022

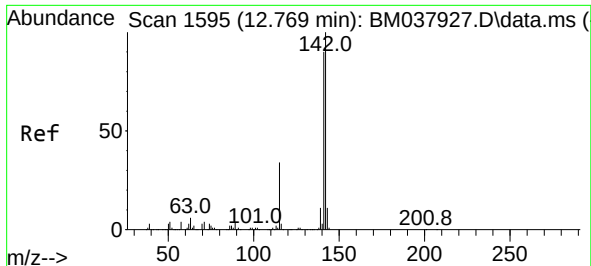
Supervised By :mohammad
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#36
2-Methylnaphthalene
Concen: 1.829 ng/ul
RT: 12.551 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BM037933.D
Acq: 10 Dec 2022 13:57

Tgt Ion:142 Resp: 50711
Ion Ratio Lower Upper
142 100
141 80.7 69.4 104.0





#37

1-Methylnaphthalene

Concen: 1.117 ng/ul

RT: 12.763 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BM037933.D

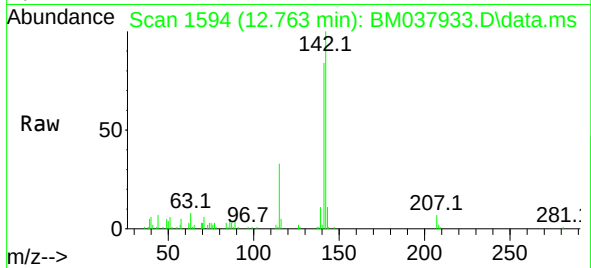
Acq: 10 Dec 2022 13:57

Instrument :

BNA_M

ClientSampleId :

DBXL2MEDL



Tgt Ion:	142	Resp:	31654
Ion Ratio	Lower	Upper	
142	100		
141	83.6	72.4	108.6
116	5.1	2.9	4.3

Manual Integrations

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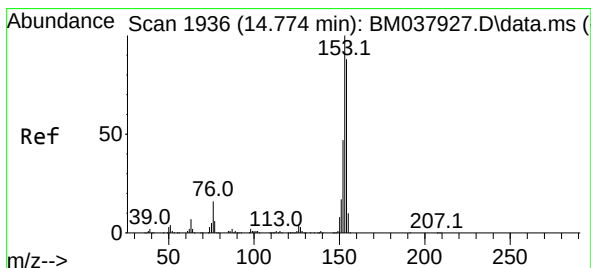
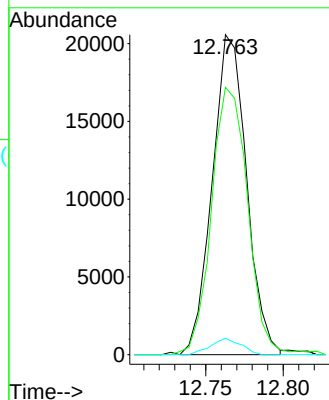
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#52

Acenaphthene

Concen: 10.119 ng/ul

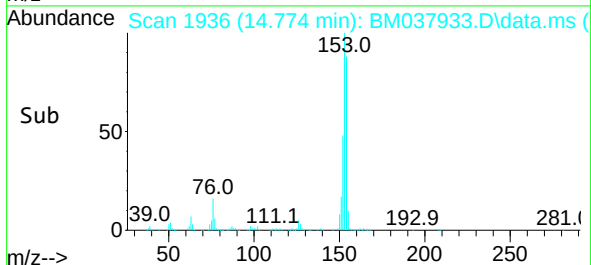
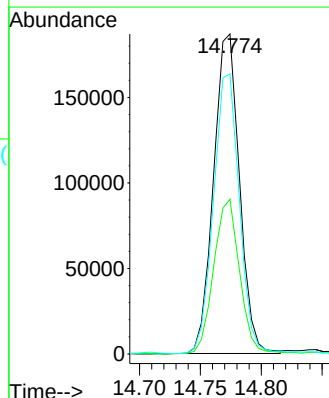
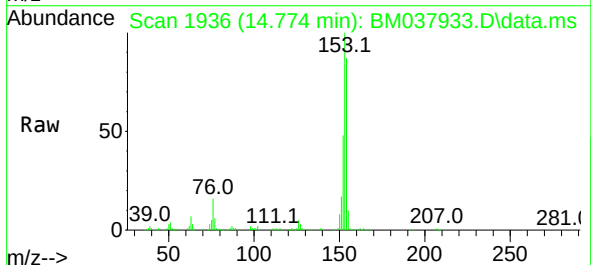
RT: 14.774 min Scan# 1936

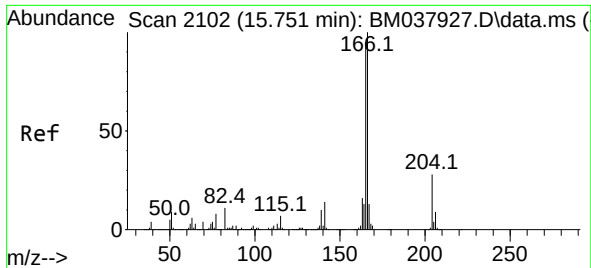
Delta R.T. -0.000 min

Lab File: BM037933.D

Acq: 10 Dec 2022 13:57

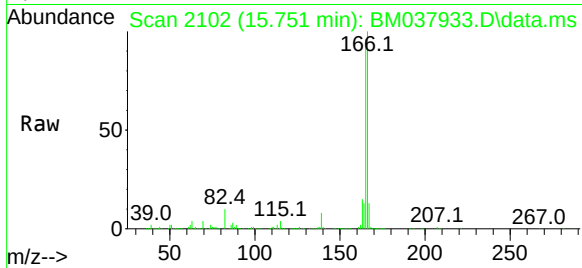
Tgt Ion:	153	Resp:	276797
Ion Ratio	Lower	Upper	
153	100		
152	48.4	38.2	57.4
154	87.5	71.4	107.0





#61
Fluorene
Concen: 15.597 ng/u1
RT: 15.751 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM037933.D
Acq: 10 Dec 2022 13:57

Instrument :
BNA_M
ClientSampleId :
DBXL2MEDL

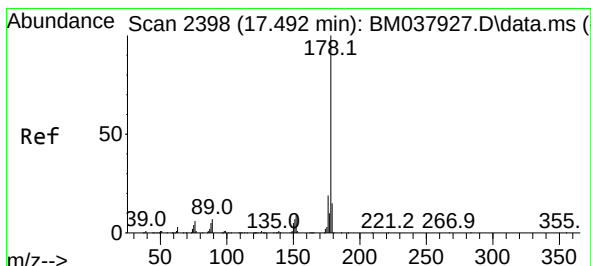
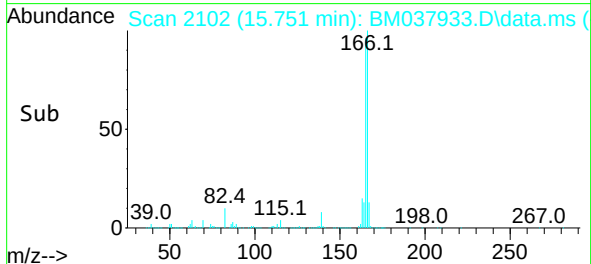
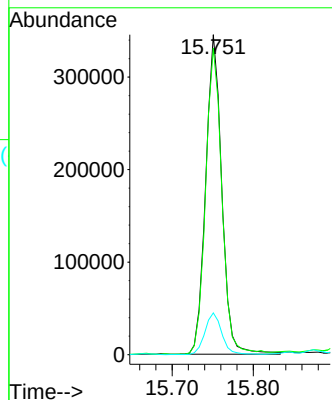


Tgt Ion:166 Resp: 475038
Ion Ratio Lower Upper
166 100
165 95.9 77.2 115.8
167 13.0 10.4 15.6

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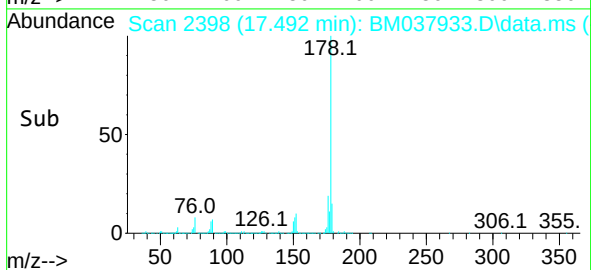
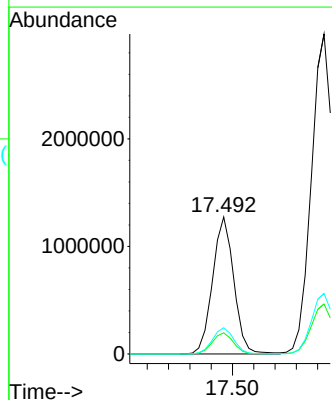
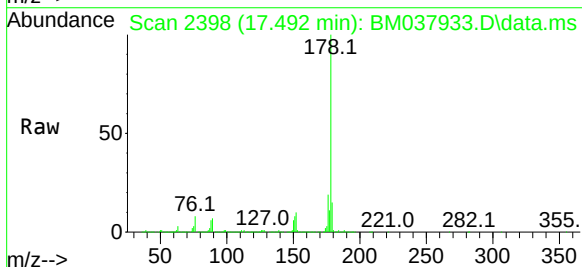
Reviewed By :Jagrut
Upadhyay
12/12/2022

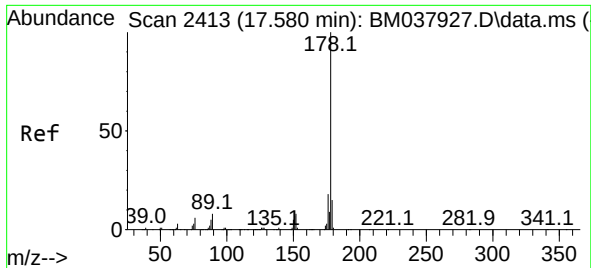
Supervised By :mohammad
ahmed
12/12/2022



#72
Phenanthrene
Concen: 37.805 ng/u1
RT: 17.492 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BM037933.D
Acq: 10 Dec 2022 13:57

Tgt Ion:178 Resp: 1756989
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 19.1 15.4 23.0





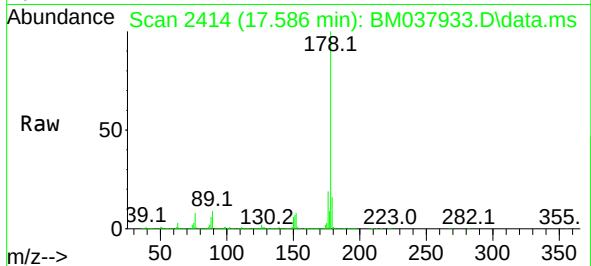
#74
 Anthracene
 Concen: 90.750 ng/ul
 RT: 17.586 min Scan# 2413
 Delta R.T. -0.000 min
 Lab File: BM037933.D
 Acq: 10 Dec 2022 13:57

Instrument :

BNA_M

ClientSampleId :

DBXL2MEDL



Tgt Ion:178 Resp: 428620
 Ion Ratio Lower Upper
 178 100
 179 15.6 11.8 17.8
 176 18.9 15.0 22.6

Manual Integrations

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Reviewed By :Jagrut

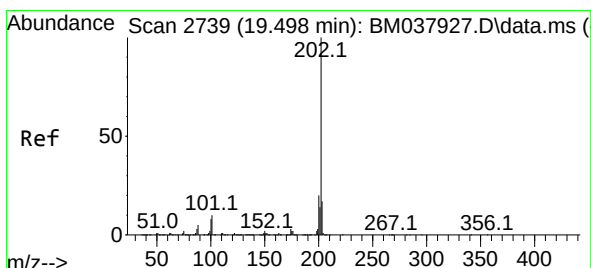
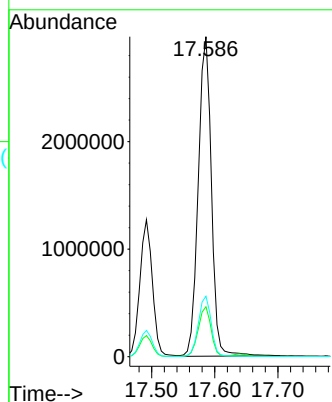
Upadhyay

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Supervised By :mohammad

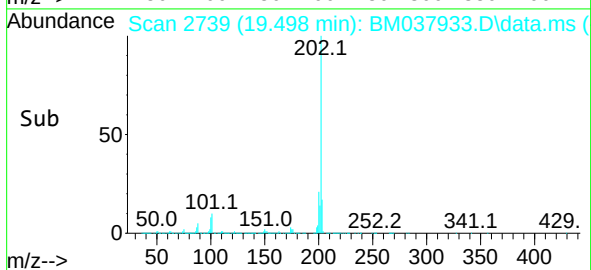
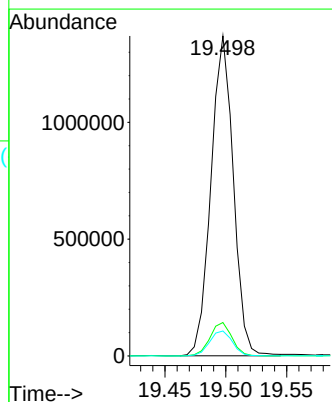
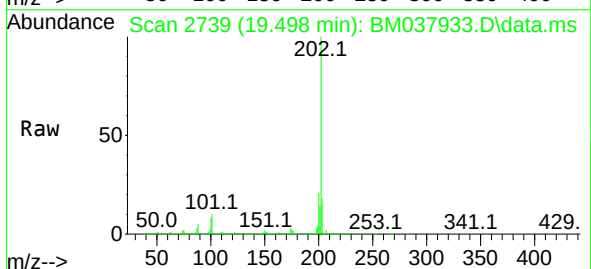
ahmed

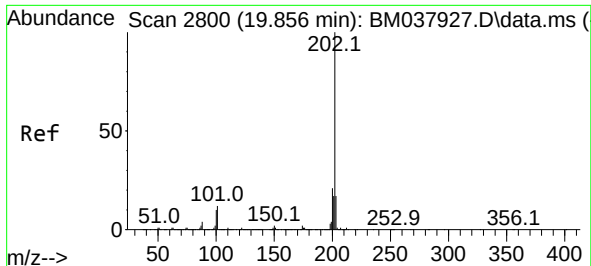
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#80
 Fluoranthene
 Concen: 28.064 ng/ul
 RT: 19.498 min Scan# 2739
 Delta R.T. -0.000 min
 Lab File: BM037933.D
 Acq: 10 Dec 2022 13:57

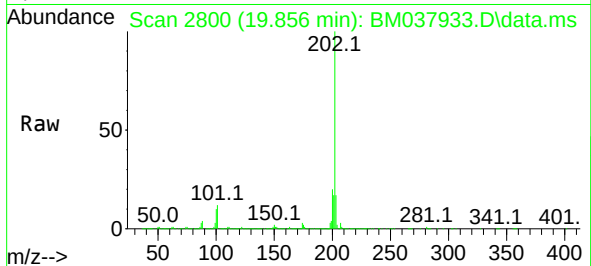
Tgt Ion:202 Resp: 1752214
 Ion Ratio Lower Upper
 202 100
 101 10.4 8.6 13.0
 100 7.8 6.6 10.0





#82
 Pyrene
 Concen: 20.347 ng/ul
 RT: 19.856 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM037933.D
 Acq: 10 Dec 2022 13:57

Instrument :
 BNA_M
 ClientSampleId :
 DBXL2MEDL

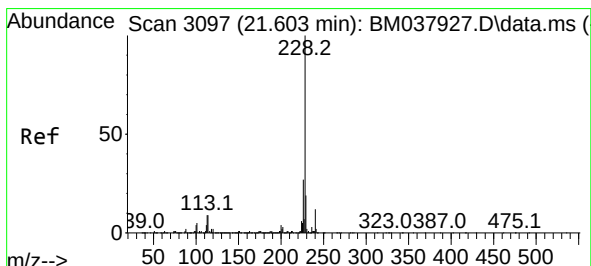
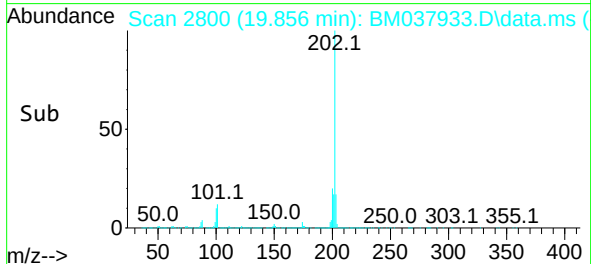
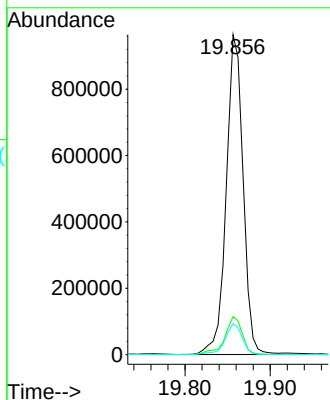


Tgt Ion:202 Resp: 132210
 Ion Ratio Lower Upper
 202 100
 101 11.9 10.0 15.0
 100 9.7 7.9 11.9

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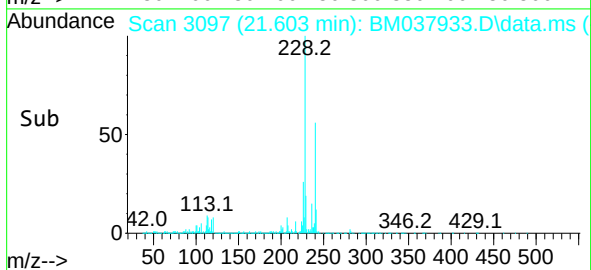
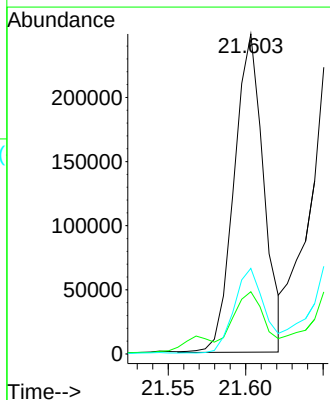
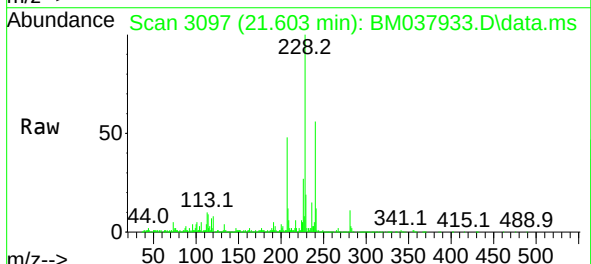
Reviewed By :Jagrut
 Upadhyay
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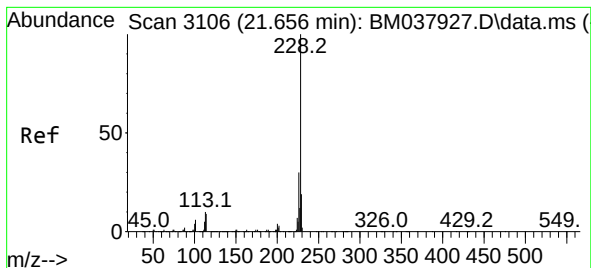
Supervised By :mohammad
 ahmed
 12/12/2022



#85
 Benzo(a)anthracene
 Concen: 5.565 ng/ul
 RT: 21.603 min Scan# 3097
 Delta R.T. -0.000 min
 Lab File: BM037933.D
 Acq: 10 Dec 2022 13:57

Tgt Ion:228 Resp: 329935
 Ion Ratio Lower Upper
 228 100
 229 19.4 15.5 23.3
 226 26.8 21.8 32.8





#87

Chrysene

Concen: 7.547 ng/ul

RT: 21.656 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM037933.D

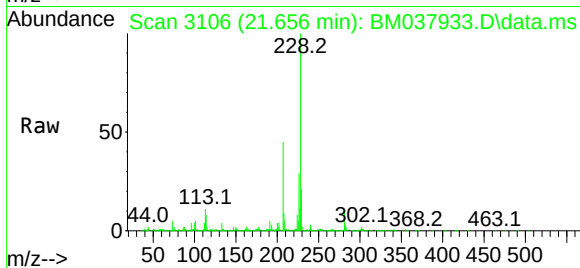
Acq: 10 Dec 2022 13:57

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:228 Resp: 41984

Ion Ratio Lower Upper

228 100

226 29.3 24.3 36.5

229 21.2 15.6 23.4

Manual Integrations

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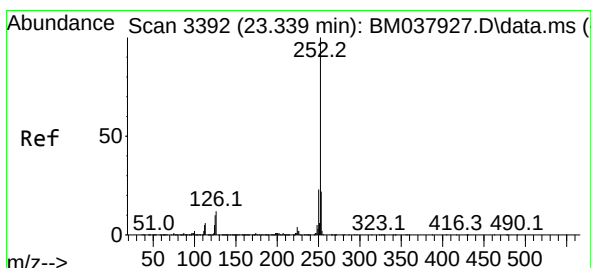
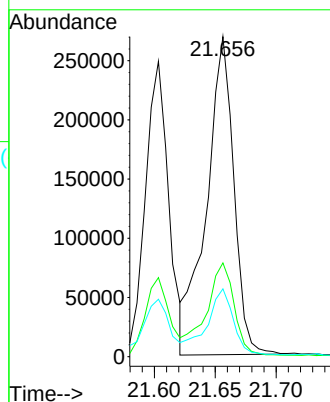
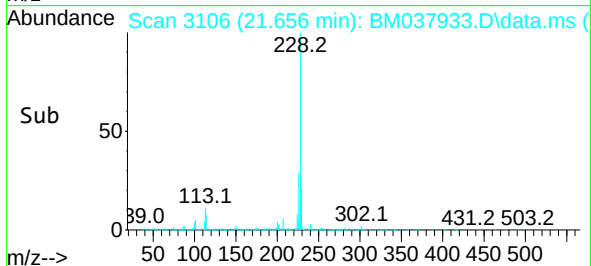
Upadhyay

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Supervised By :mohammad

ahmed

12/12/2022



#90

Benzo(b)fluoranthene

Concen: 5.626 ng/ul

RT: 23.338 min Scan# 3392

Delta R.T. -0.006 min

Lab File: BM037933.D

Acq: 10 Dec 2022 13:57

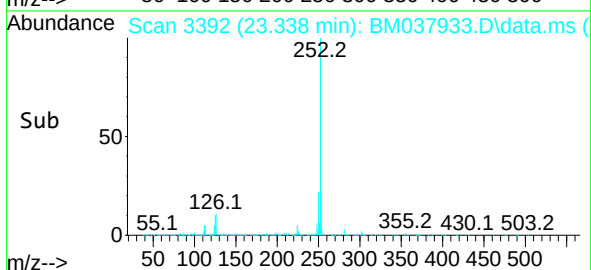
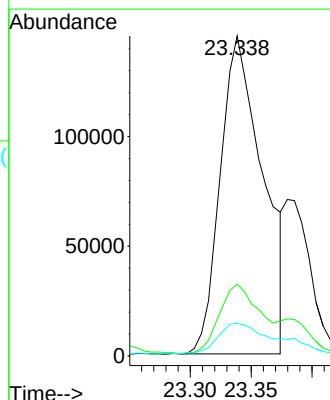
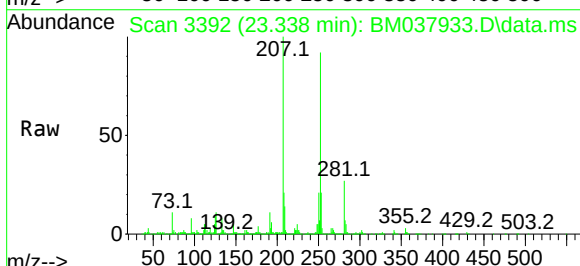
Tgt Ion:252 Resp: 352209

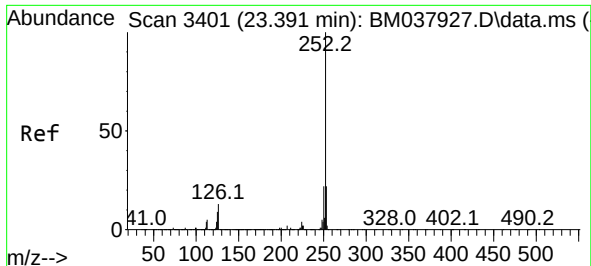
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 10.2 8.0 12.0





#91
Benzo(k)fluoranthene
Concen: 1.784 ng/ul m
RT: 23.380 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM037933.D
Acq: 10 Dec 2022 13:57

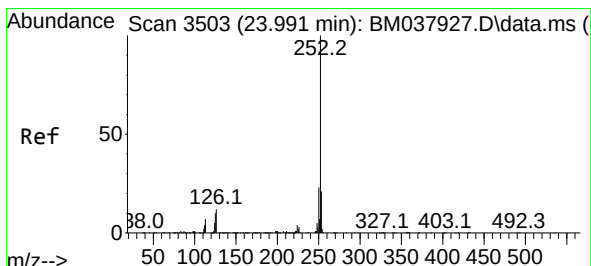
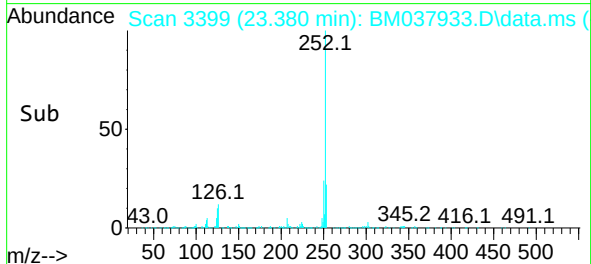
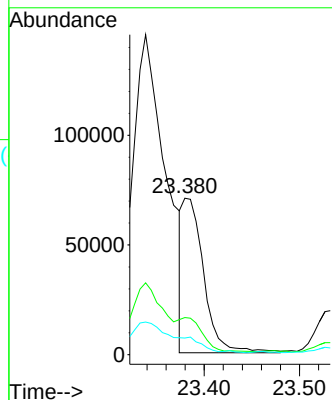
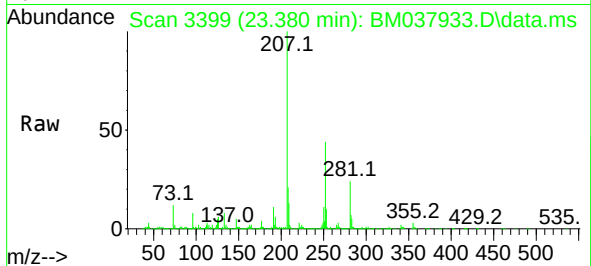
Instrument :
BNA_M
ClientSampleId :
DBXL2MEDL

Tgt Ion:252 Resp: 10823
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.2
125 10.6 8.1 12.1

Manual Integrations
APPROVED

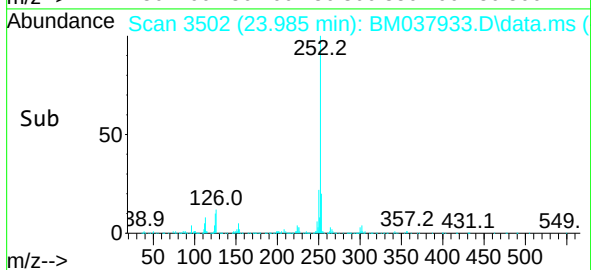
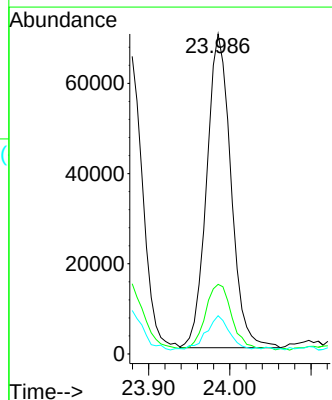
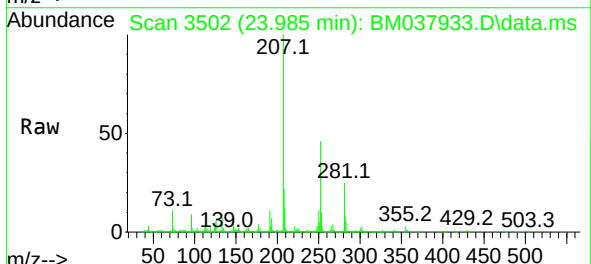
Reviewed By :Jagrut
Upadhyay
12/12/2022

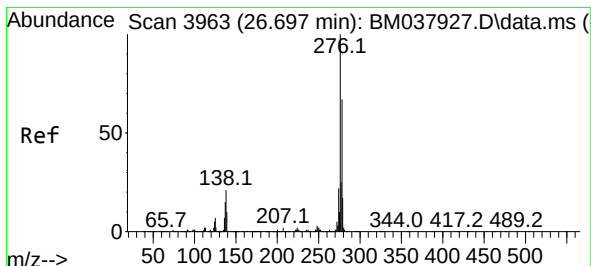
Supervised By :mohammad
ahmed
12/12/2022



#93
Benzo(a)pyrene
Concen: 2.631 ng/ul
RT: 23.985 min Scan# 3502
Delta R.T. -0.006 min
Lab File: BM037933.D
Acq: 10 Dec 2022 13:57

Tgt Ion:252 Resp: 144828
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 11.9 9.4 14.0





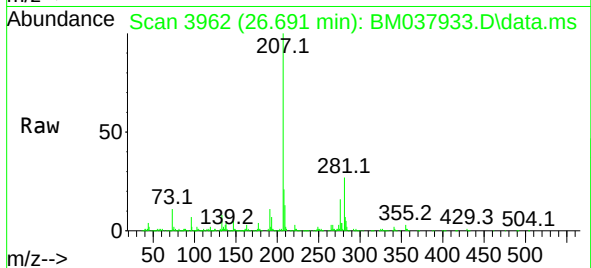
#94
Indeno(1,2,3-cd)pyrene
Concen: 1.078 ng/ul
RT: 26.691 min Scan# 3963
Delta R.T. -0.012 min
Lab File: BM037933.D
Acq: 10 Dec 2022 13:57

Instrument :

BNA_M

ClientSampleId :

DBXL2MEDL



Tgt Ion:276 Resp: 7645
Ion Ratio Lower Upper
276 100
138 23.1 19.3 28.9
277 26.2 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Jagrut

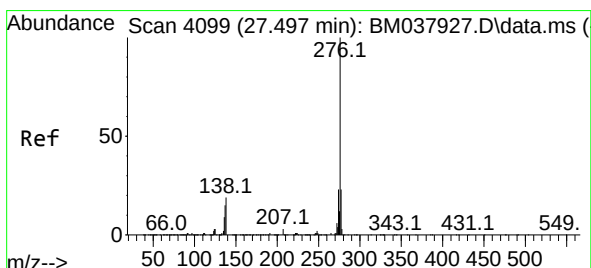
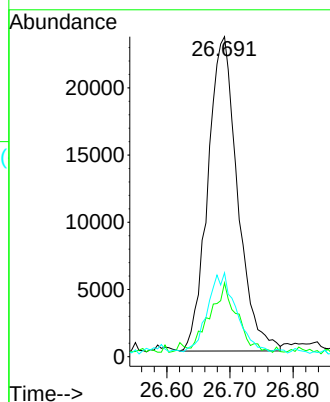
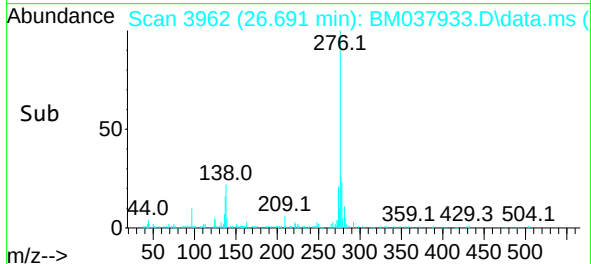
Upadhyay

12/12/2022

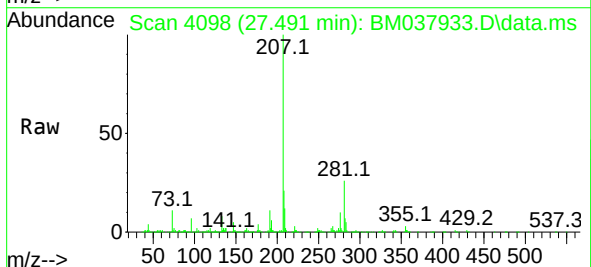
Supervised By :mohammad

ahmed

12/12/2022



#96
Benzo(g,h,i)perylene
Concen: 1.036 ng/ul
RT: 27.491 min Scan# 4098
Delta R.T. -0.012 min
Lab File: BM037933.D
Acq: 10 Dec 2022 13:57



Tgt Ion:276 Resp: 58644
Ion Ratio Lower Upper
276 100
138 18.1 17.1 25.7
277 23.7 18.2 27.4

