

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
 Data File : BM037940.D
 Acq On : 10 Dec 2022 18:30
 Operator : CG/JU
 Sample : N5832-20MEDL 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL5MEDL

Quant Time: Dec 11 21:28:19 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 12/12/2022
 Supervised By :mohammad ahmed 12/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	214669	20.000	ng/u1	0.00
20) Naphthalene-d8	10.898	136	787103	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	429309	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	921574	20.000	ng/u1	0.00
79) Chrysene-d12	21.615	240	996625	20.000	ng/u1	0.00
88) Perylene-d12	24.097	264	1100203	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	4385	0.927	ng/uL	0.00
4) Pyridine-d5	3.887	84	15802m	1.127	ng/u1	0.03
7) Phenol-d5	7.234	99	57278	3.284	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	39892	3.756	ng/u1	0.00
11) 2-Chlorophenol-d4	7.604	132	52085	3.640	ng/u1	0.00
15) 4-Methylphenol-d8	8.786	113	41466	3.045	ng/u1	0.00
21) Nitrobenzene-d5	9.251	128	24378	3.912	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	22167	3.394	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	41697	3.361	ng/u1	0.00
31) 4-Chloroaniline-d4	11.039	131	67541	3.944	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	123014	4.019	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	139334	3.725	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	10642m	2.040	ng/u1	0.00
60) Fluorene-d10	15.692	176	116779	4.283	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	7476	1.517	ng/u1	0.00
73) Anthracene-d10	17.545	188	186110	4.327	ng/u1	0.00
81) Pyrene-d10	19.827	212	236016	3.942	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	234662	4.270	ng/u1	-0.01
Target Compounds	Qvalue					
30) Naphthalene	10.945	128	58812	1.385	ng/u1	98
36) 2-Methylnaphthalene	12.545	142	46423	1.685	ng/u1	97
37) 1-Methylnaphthalene	12.763	142	50123	1.779	ng/u1#	91
52) Acenaphthene	14.768	153	480653	16.895	ng/u1	98
61) Fluorene	15.751	166	804049	25.383	ng/u1	99
72) Phenanthrene	17.492	178	3212652	63.835	ng/u1	100
74) Anthracene	17.586	178	4896110	95.730	ng/u1	99
80) Fluoranthene	19.498	202	3229769	45.712	ng/u1	100
82) Pyrene	19.856	202	2356049	32.041	ng/u1	99
85) Benzo(a)anthracene	21.603	228	563902	8.404	ng/u1	99
87) Chrysene	21.656	228	646761	10.274	ng/u1	97
90) Benzo(b)fluoranthene	23.338	252	539681	7.912	ng/u1	100
91) Benzo(k)fluoranthene	23.380	252	153689m	2.325	ng/u1	
93) Benzo(a)pyrene	23.985	252	221602	3.695	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.685	276	110264	1.427	ng/u1	93
96) Benzo(g,h,i)perylene	27.485	276	73075	1.185	ng/u1	96

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

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BNA_M

ClientSampleId :

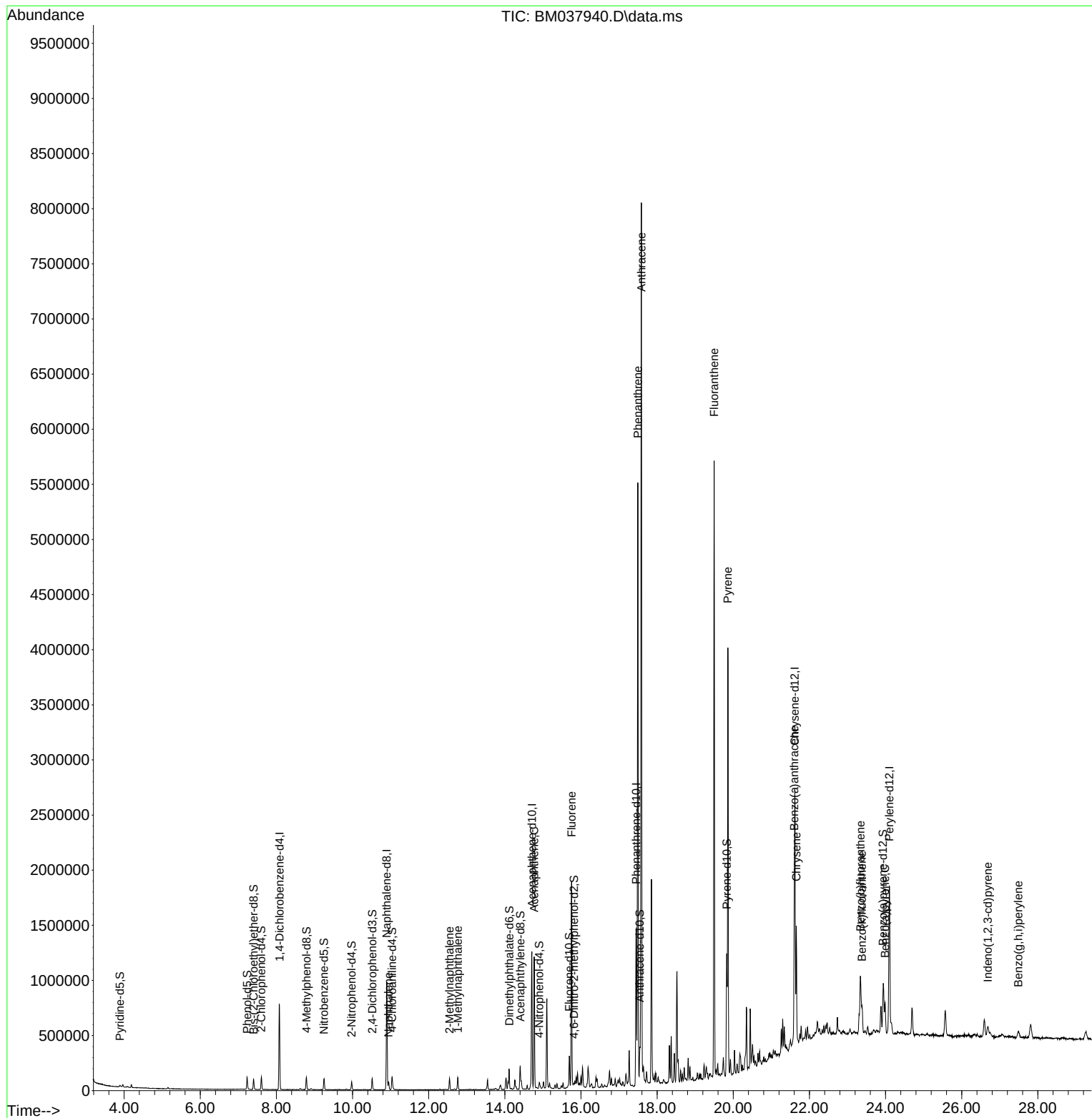
DBXL5MEDL

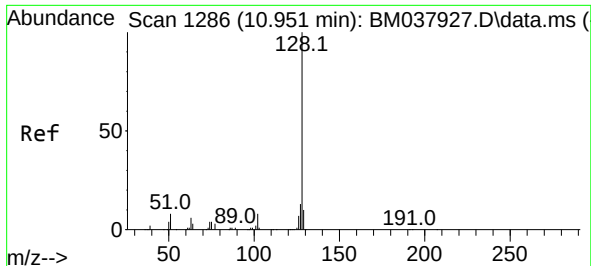
Manual Integrations

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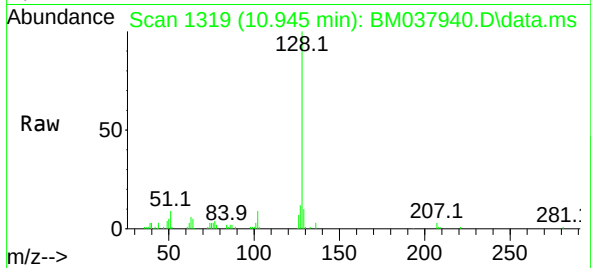
Quant Time: Dec 11 21:28:19 2022
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#30
Naphthalene
Concen: 1.385 ng/ul
RT: 10.945 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM037940.D
Acq: 10 Dec 2022 18:30

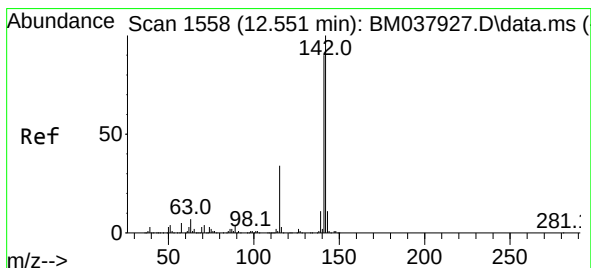
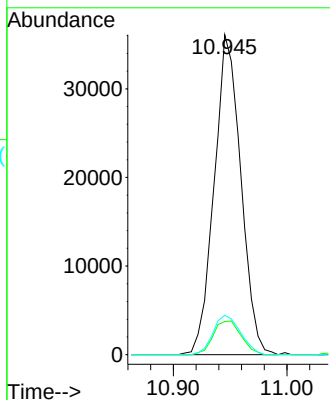
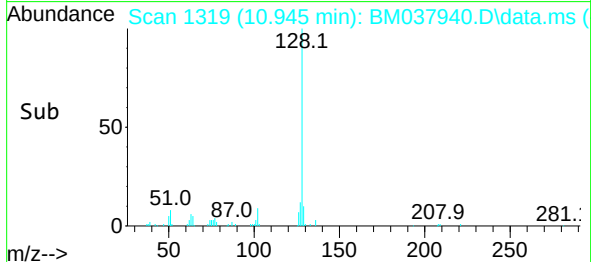
Instrument :
BNA_M
ClientSampleId :
DBXL5MEDL



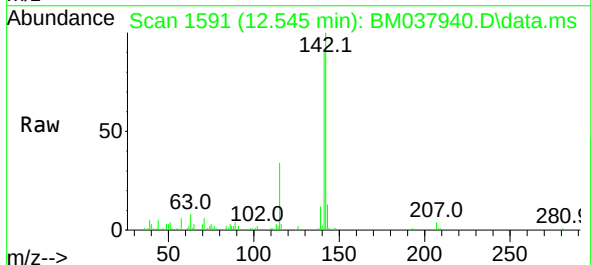
Tgt Ion:128 Resp: 5881
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.4
127 12.3 10.4 15.6

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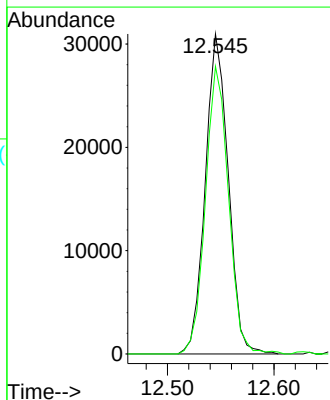
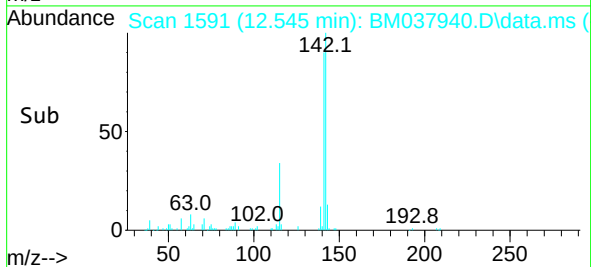
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

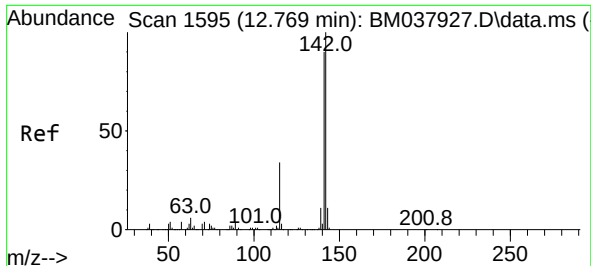


#36
2-Methylnaphthalene
Concen: 1.685 ng/ul
RT: 12.545 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BM037940.D
Acq: 10 Dec 2022 18:30



Tgt Ion:142 Resp: 46423
Ion Ratio Lower Upper
142 100
141 89.9 69.4 104.0





#37

1-Methylnaphthalene

Concen: 1.779 ng/ul

RT: 12.763 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037940.D

Acq: 10 Dec 2022 18:30

Instrument :

BNA_M

ClientSampleId :

DBXL5MEDL

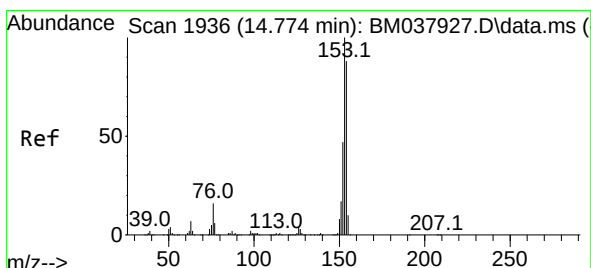
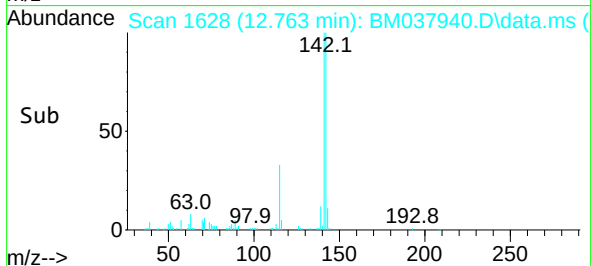
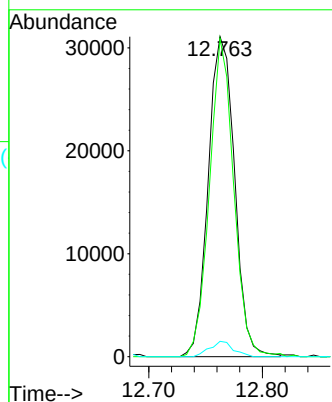
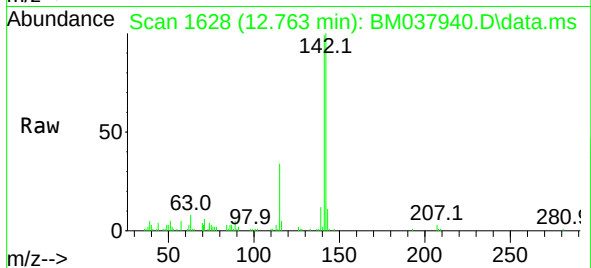
Tgt Ion:142 Resp: 5012

Ion	Ratio	Lower	Upper
142	100		
141	99.4	72.4	108.6
116	4.8	2.9	4.3

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#52

Acenaphthene

Concen: 16.895 ng/ul

RT: 14.768 min Scan# 1969

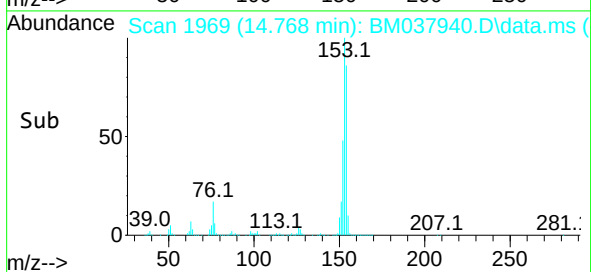
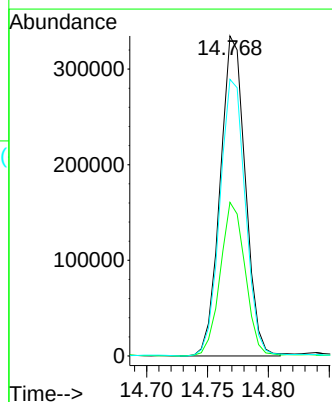
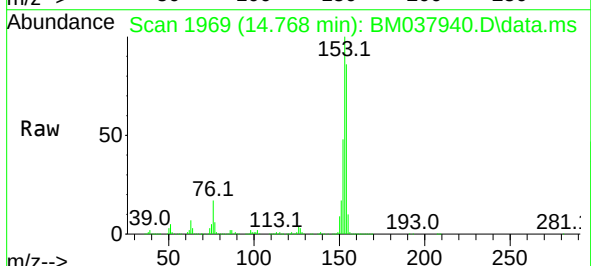
Delta R.T. -0.006 min

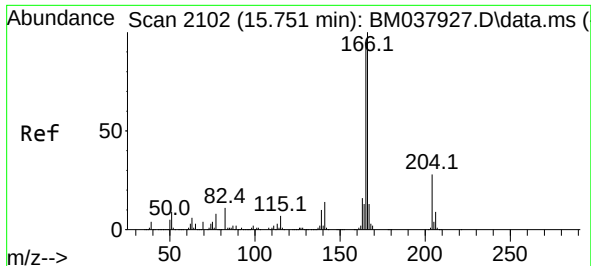
Lab File: BM037940.D

Acq: 10 Dec 2022 18:30

Tgt Ion:153 Resp: 480653

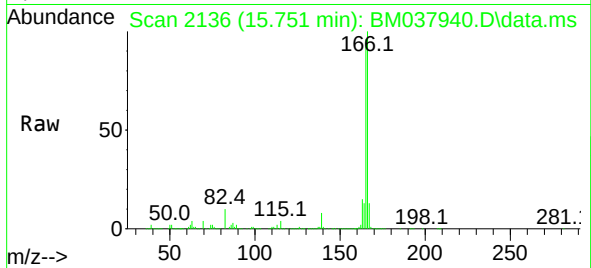
Ion	Ratio	Lower	Upper
153	100		
152	48.0	38.2	57.4
154	86.5	71.4	107.0





#61
Fluorene
Concen: 25.383 ng/u1
RT: 15.751 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM037940.D
Acq: 10 Dec 2022 18:30

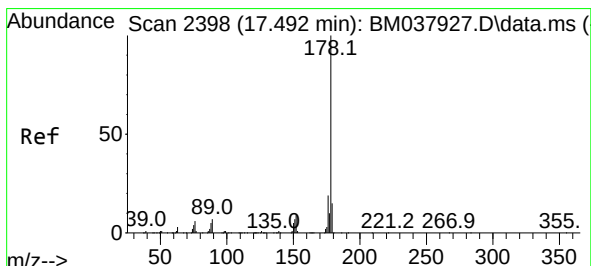
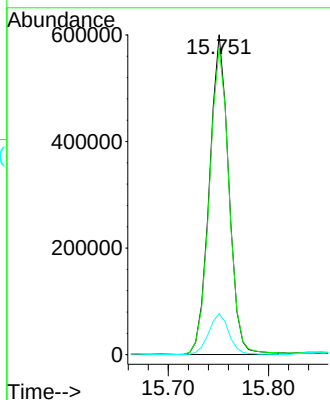
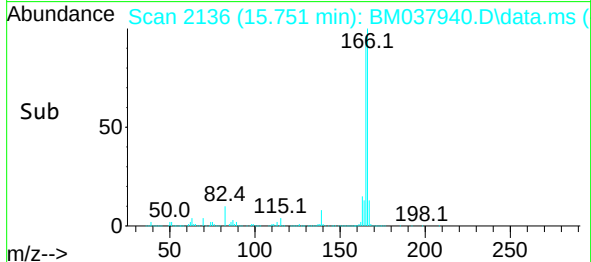
Instrument :
BNA_M
ClientSampleId :
DBXL5MEDL



Tgt Ion:166 Resp: 804049
Ion Ratio Lower Upper
166 100
165 95.9 77.2 115.8
167 12.8 10.4 15.6

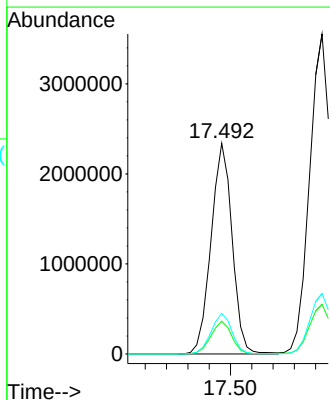
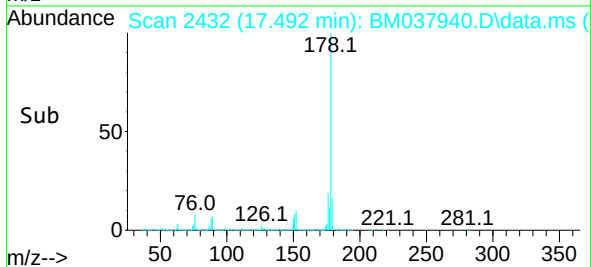
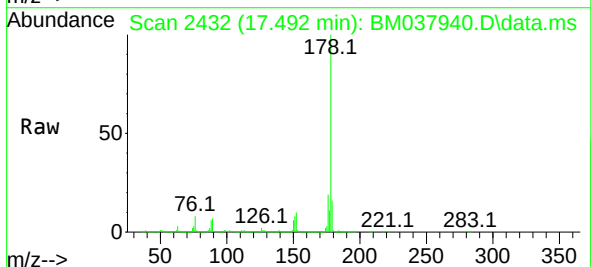
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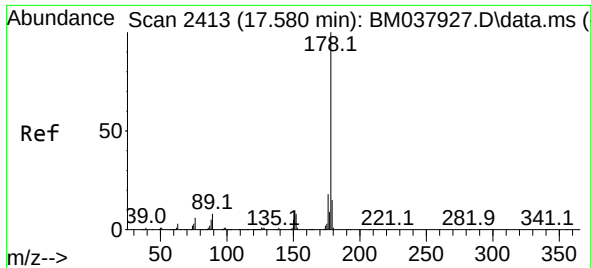
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022



#72
Phenanthrene
Concen: 63.835 ng/u1
RT: 17.492 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM037940.D
Acq: 10 Dec 2022 18:30

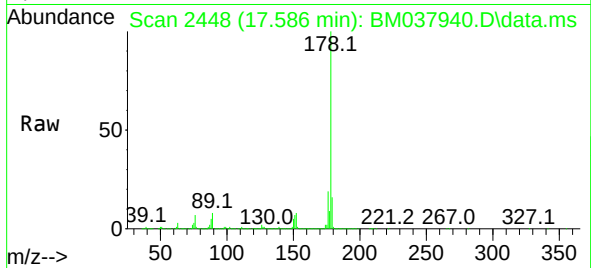
Tgt Ion:178 Resp: 3212652
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 19.2 15.4 23.0





#74
 Anthracene
 Concen: 95.730 ng/ul
 RT: 17.586 min Scan# 2413
 Delta R.T. -0.000 min
 Lab File: BM037940.D
 Acq: 10 Dec 2022 18:30

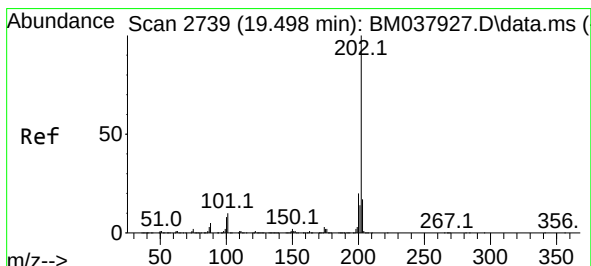
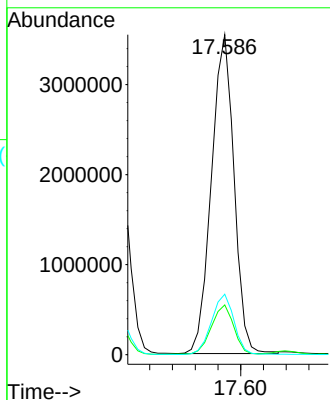
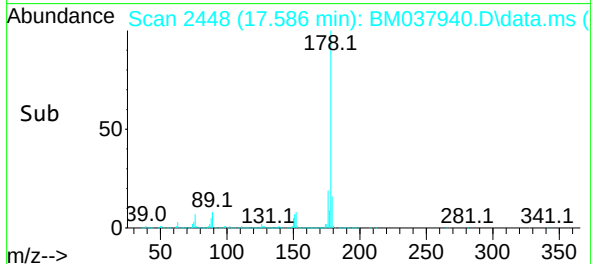
Instrument :
 BNA_M
 ClientSampleId :
 DBXL5MEDL



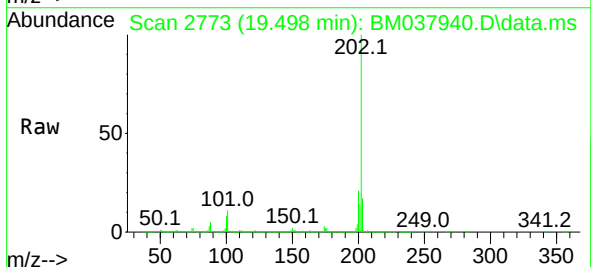
Tgt Ion:178 Resp: 4896110
 Ion Ratio Lower Upper
 178 100
 179 15.5 11.8 17.8
 176 18.9 15.0 22.6

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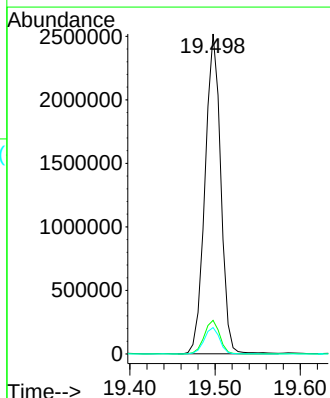
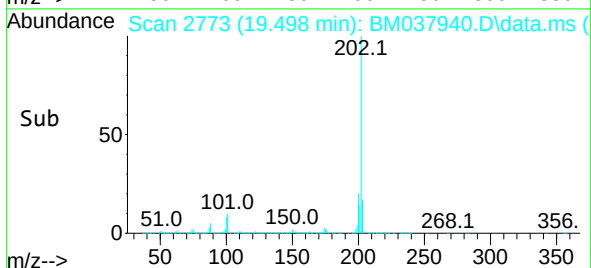
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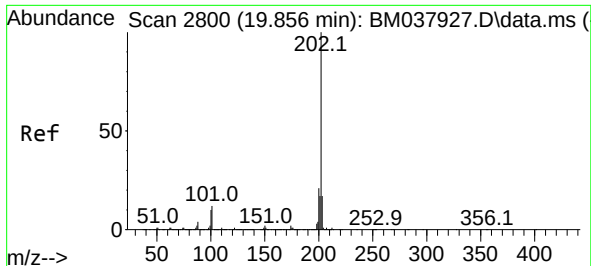


#80
 Fluoranthene
 Concen: 45.712 ng/ul
 RT: 19.498 min Scan# 2773
 Delta R.T. -0.000 min
 Lab File: BM037940.D
 Acq: 10 Dec 2022 18:30



Tgt Ion:202 Resp: 3229769
 Ion Ratio Lower Upper
 202 100
 101 10.5 8.6 13.0
 100 8.3 6.6 10.0





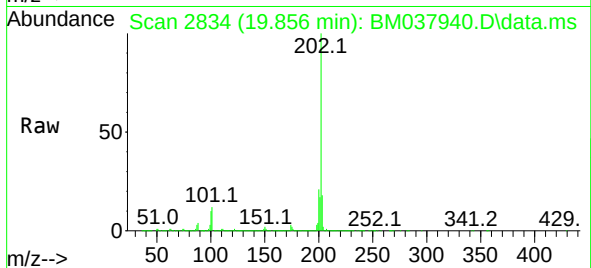
#82
Pyrene
Concen: 32.041 ng/ul
RT: 19.856 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM037940.D
Acq: 10 Dec 2022 18:30

Instrument :

BNA_M

ClientSampleId :

DBXL5MEDL

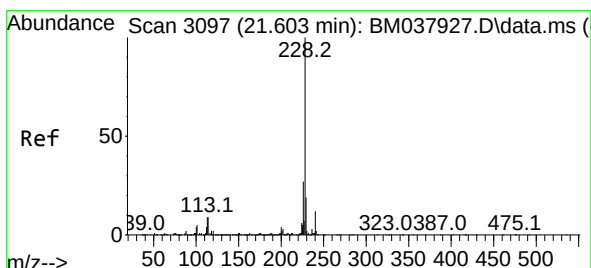
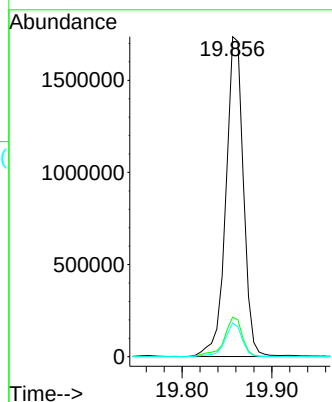
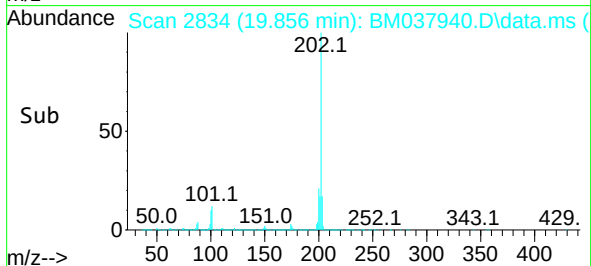


Tgt Ion:202 Resp: 2356049
Ion Ratio Lower Upper
202 100
101 12.4 10.0 15.0
100 10.5 7.9 11.9

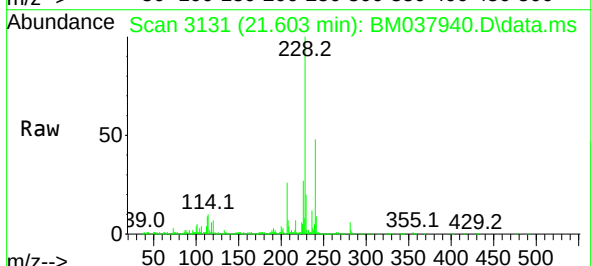
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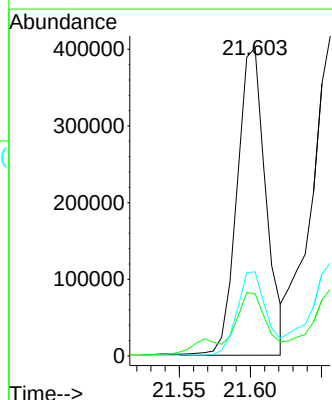
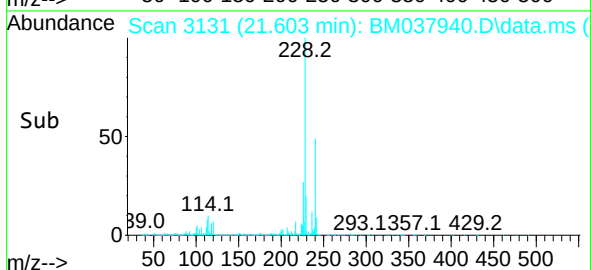
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

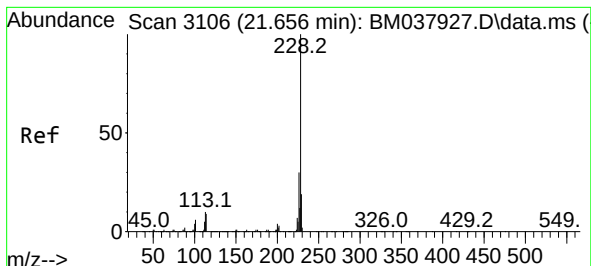


#85
Benzo(a)anthracene
Concen: 8.404 ng/ul
RT: 21.603 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BM037940.D
Acq: 10 Dec 2022 18:30



Tgt Ion:228 Resp: 563902
Ion Ratio Lower Upper
228 100
229 20.2 15.5 23.3
226 27.3 21.8 32.8





#87

Chrysene

Concen: 10.274 ng/ul

RT: 21.656 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM037940.D

Acq: 10 Dec 2022 18:30

Instrument :

BNA_M

ClientSampleId :

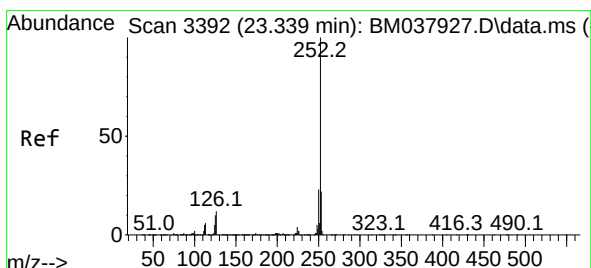
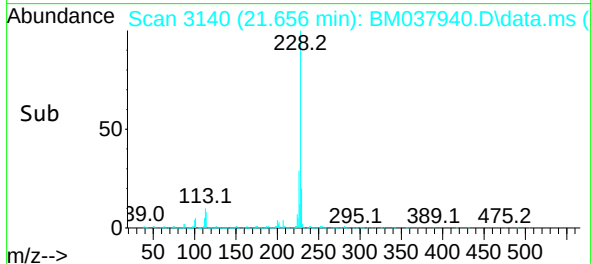
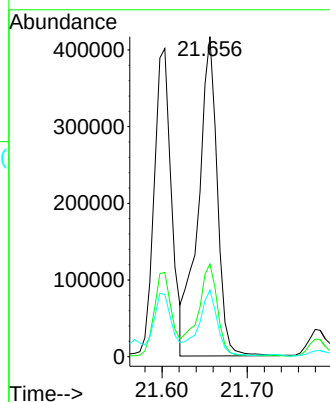
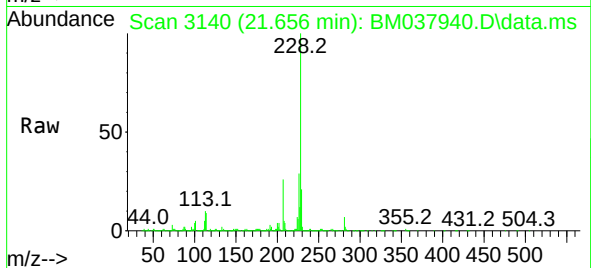
DBXL5MEDL

Tgt Ion:228 Resp: 64676
 Ion Ratio Lower Upper
 228 100
 226 29.0 24.3 36.5
 229 20.8 15.6 23.4

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 7.912 ng/ul

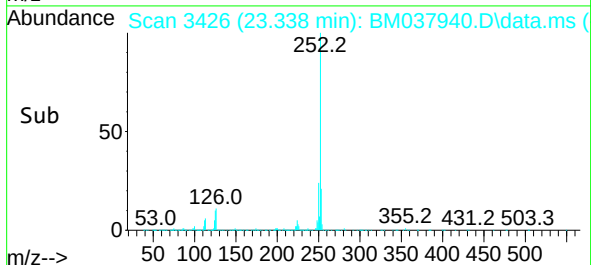
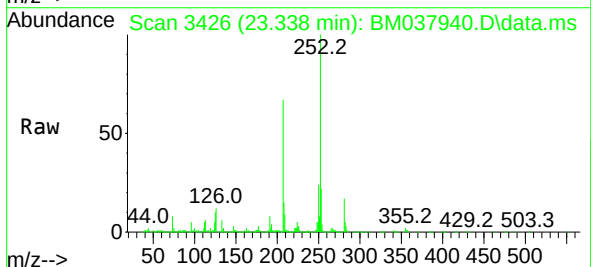
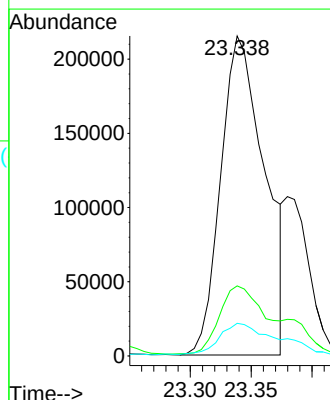
RT: 23.338 min Scan# 3426

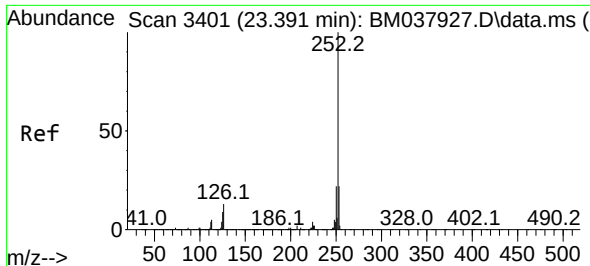
Delta R.T. -0.006 min

Lab File: BM037940.D

Acq: 10 Dec 2022 18:30

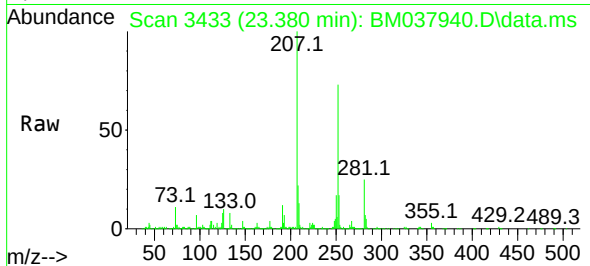
Tgt Ion:252 Resp: 539681
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.6 26.4
 125 10.2 8.0 12.0





#91
Benzo(k)fluoranthene
Concen: 2.325 ng/ul m
RT: 23.380 min Scan# 3401
Delta R.T. -0.012 min
Lab File: BM037940.D
Acq: 10 Dec 2022 18:30

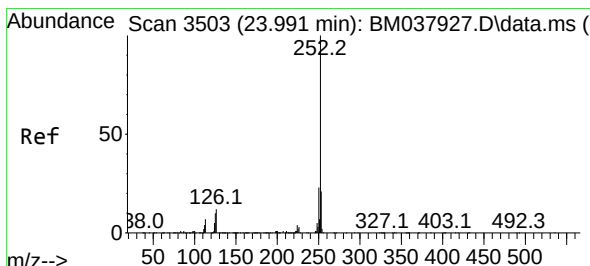
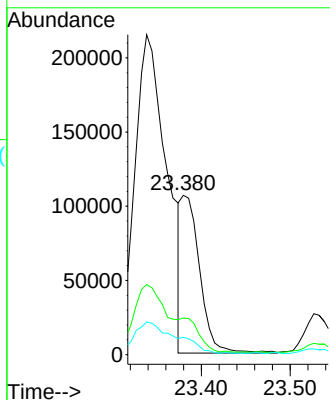
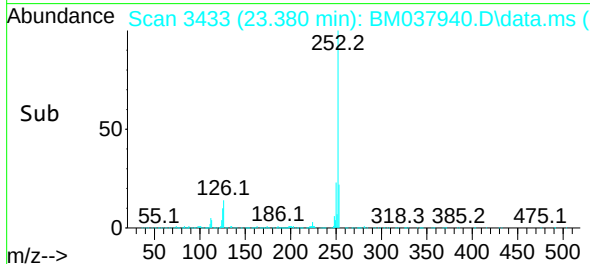
Instrument :
BNA_M
ClientSampleId :
DBXL5MEDL



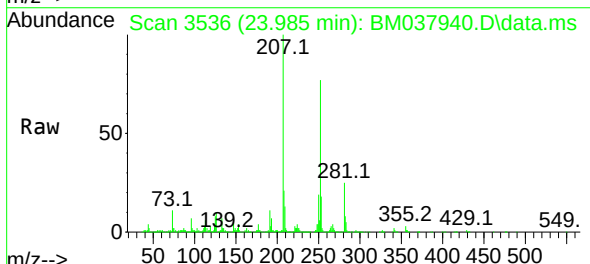
Tgt Ion:252 Resp: 153689
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 10.9 8.1 12.1

Manual Integrations
APPROVED

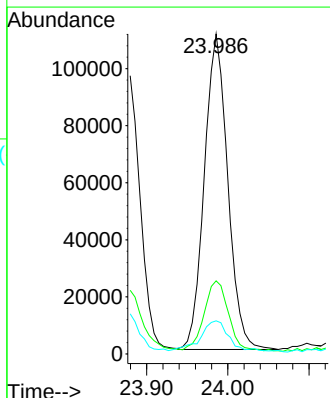
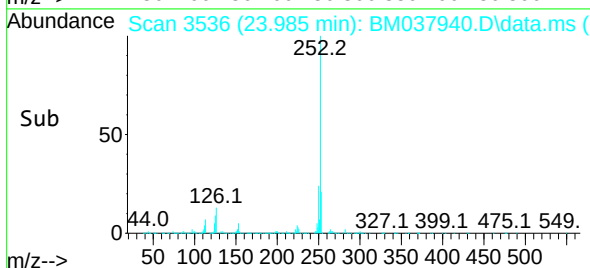
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

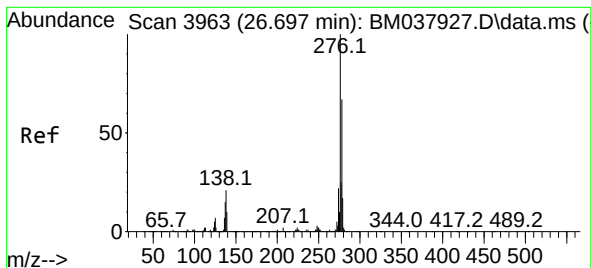


#93
Benzo(a)pyrene
Concen: 3.695 ng/ul
RT: 23.985 min Scan# 3536
Delta R.T. -0.006 min
Lab File: BM037940.D
Acq: 10 Dec 2022 18:30



Tgt Ion:252 Resp: 221602
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 10.3 9.4 14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.427 ng/ul

RT: 26.685 min Scan# 3963

Delta R.T. -0.018 min

Lab File: BM037940.D

Acq: 10 Dec 2022 18:30

Instrument :

BNA_M

ClientSampleId :

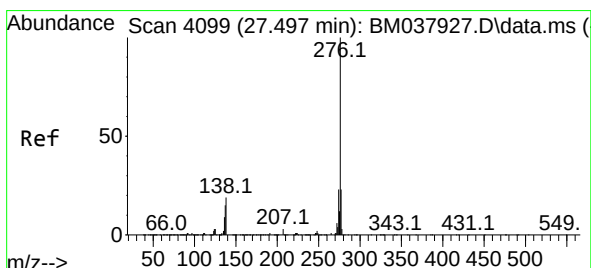
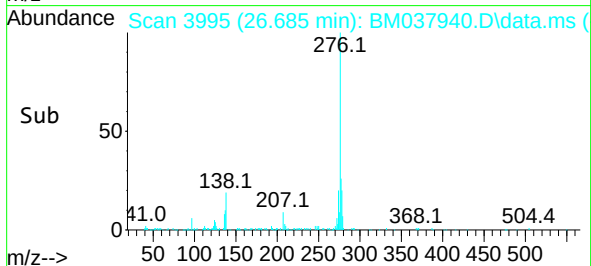
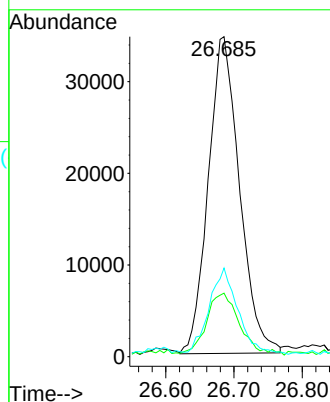
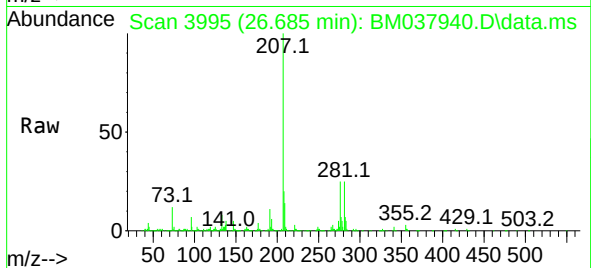
DBXL5MEDL

Tgt Ion:	276	Resp:	110264
Ion Ratio	Lower	Upper	
276	100		
138	19.9	19.3	28.9
277	27.7	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: 1.185 ng/ul

RT: 27.485 min Scan# 4131

Delta R.T. -0.018 min

Lab File: BM037940.D

Acq: 10 Dec 2022 18:30

Tgt Ion:	276	Resp:	73075
Ion Ratio	Lower	Upper	
276	100		
138	20.3	17.1	25.7
277	25.6	18.2	27.4

