

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037825.D
 Acq On : 02 Dec 2022 12:43
 Operator : CG/JU
 Sample : N5738-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNJ1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/05/2022
 Supervised By :mohammad ahmed 12/05/2022

Quant Time: Dec 02 21:47:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 01:14:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	208374	20.000	ng/u1	0.00
20) Naphthalene-d8	10.922	136	975561	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.733	164	608964	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.509	188	757626	20.000	ng/u1	# 0.05
79) Chrysene-d12	21.650	240	773886	20.000	ng/u1	0.02
88) Perylene-d12	24.133	264	783844	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	12884m	2.901	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.251	99	337902	17.999	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	192539	17.579	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	276836	19.504	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	283919	19.017	ng/u1	0.00
21) Nitrobenzene-d5	9.269	128	145838	18.819	ng/u1	0.00
24) 2-Nitrophenol-d4	9.992	143	160539	20.020	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.533	165	292106	19.642	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	76187	3.340	ng/u1	0.00
46) Dimethylphthalate-d6	14.133	166	890400	21.293	ng/u1	0.00
49) Acenaphthylene-d8	14.427	160	1057616	20.796	ng/u1	0.00
54) 4-Nitrophenol-d4	14.927	143	190651	21.966	ng/u1	0.02
60) Fluorene-d10	15.727	176	686831	18.104	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.839	200	100252m	25.120	ng/u1	0.02
73) Anthracene-d10	17.604	188	735307	21.104	ng/u1	0.04
81) Pyrene-d10	19.874	212	768221	19.164	ng/u1	0.03
92) Benzo(a)pyrene-d12	23.974	264	828666	21.103	ng/u1	0.02
Target Compounds					Qvalue	
16) Acetophenone	8.928	105	38635	1.641	ng/u1	97
50) Acenaphthylene	14.457	152	94389	1.674	ng/u1#	33
58) 2,3,4,6-Tetrachlorophenol	15.357	232	521744	48.916	ng/u1#	73
71) Pentachlorophenol	17.227	266	18981608	3399.302	ng/u1	98
72) Phenanthrene	17.551	178	1149951	28.006	ng/u1#	92
80) Fluoranthene	19.545	202	1475821	30.141	ng/u1	97
82) Pyrene	19.903	202	1954653	38.663	ng/u1	98
83) Butylbenzylphthalate	20.768	149	357304	16.209	ng/u1#	85
85) Benzo(a)anthracene	21.633	228	94171	1.902	ng/u1#	62
86) Bis(2-ethylhexyl)phtha...	21.533	149	884816	26.565	ng/u1	99
87) Chrysene	21.686	228	668910	14.513	ng/u1#	94
90) Benzo(b)fluoranthene	23.368	252	612438	12.166	ng/u1#	93
91) Benzo(k)fluoranthene	23.415	252	189001m	3.892	ng/u1	
93) Benzo(a)pyrene	24.021	252	164557	3.770	ng/u1#	80
94) Indeno(1,2,3-cd)pyrene	26.744	276	203157	4.140	ng/u1	94
96) Benzo(g,h,i)perylene	27.538	276	160600	3.750	ng/u1	97

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

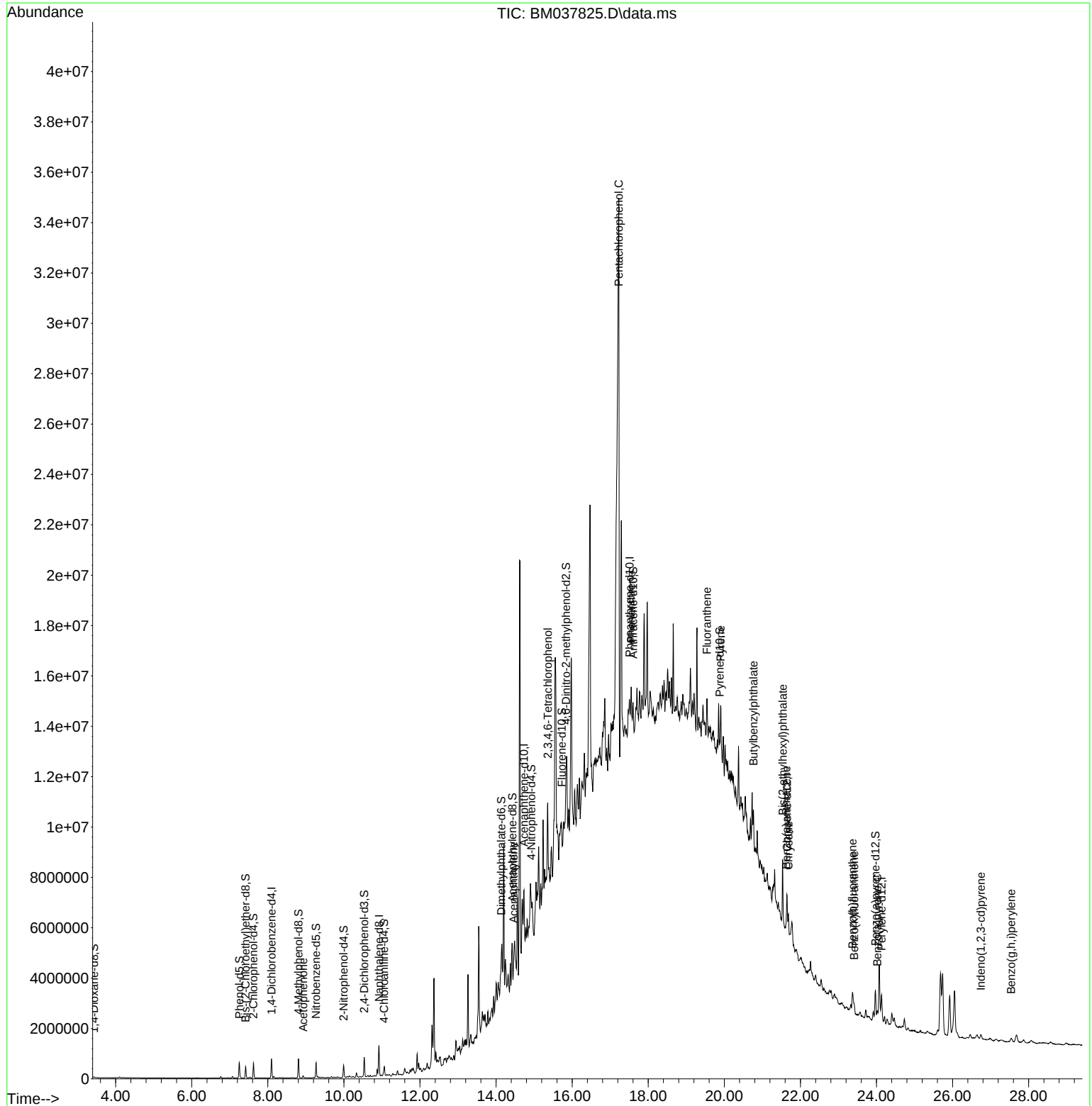
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
Data File : BM037825.D
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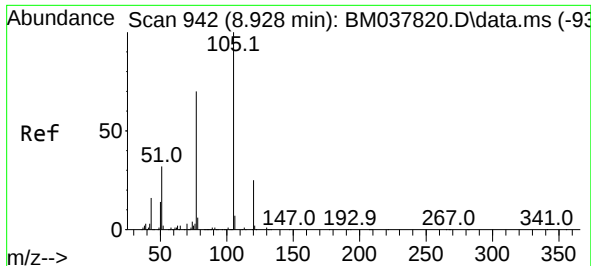
Instrument :
BNA_M
ClientSampleId :
GBNJ1

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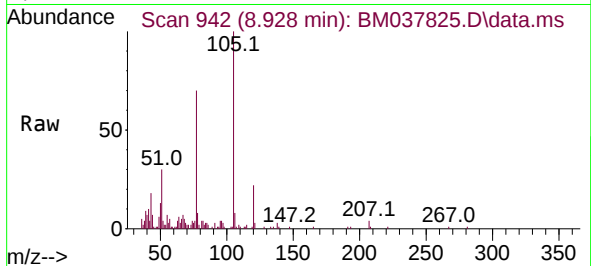
Quant Time: Dec 02 21:47:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 01:14:59 2022
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.641 ng/ul
RT: 8.928 min Scan# 942
Delta R.T. -0.000 min
Lab File: BM037825.D
Acq: 02 Dec 2022 12:43

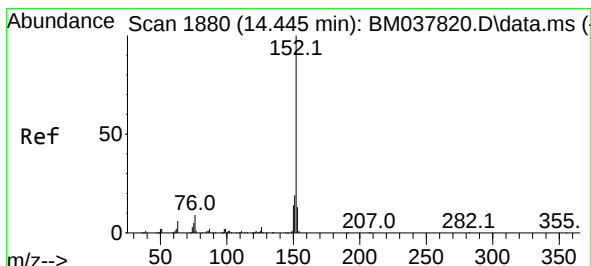
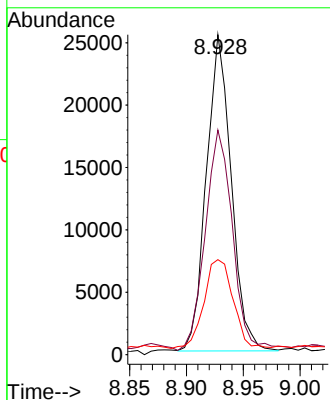
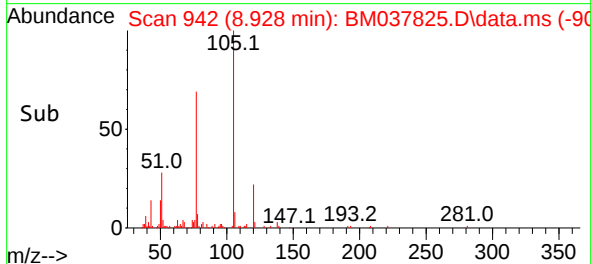
Instrument :
BNA_M
ClientSampleId :
GBNJ1



Tgt Ion:105 Resp: 38635
Ion Ratio Lower Upper
105 100
77 70.2 59.0 88.4
51 29.7 24.4 36.6

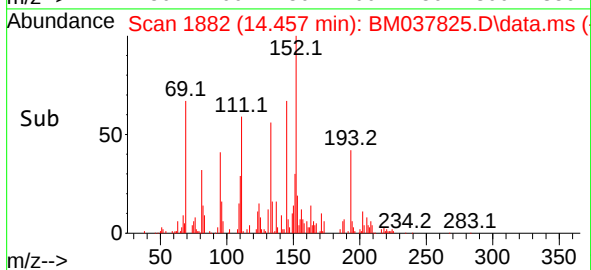
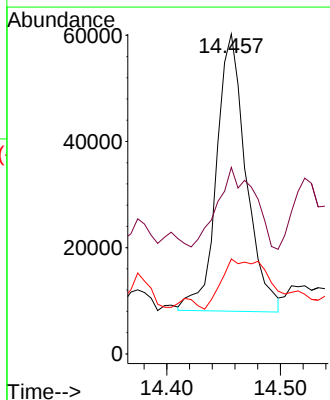
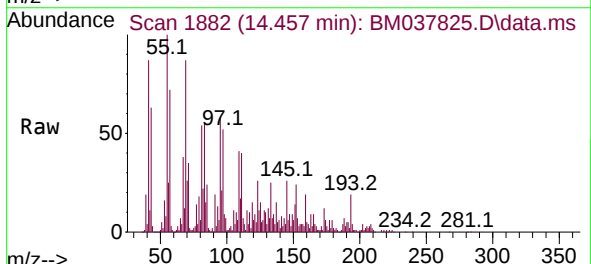
Manual Integrations
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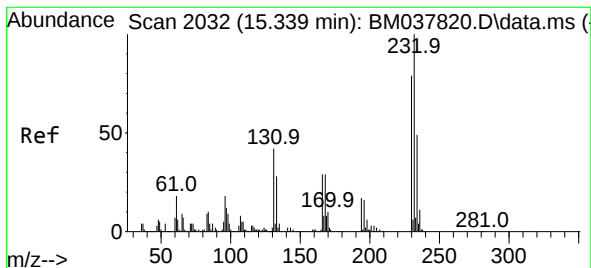
Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022



#50
Acenaphthylene
Concen: 1.674 ng/ul
RT: 14.457 min Scan# 1882
Delta R.T. 0.005 min
Lab File: BM037825.D
Acq: 02 Dec 2022 12:43

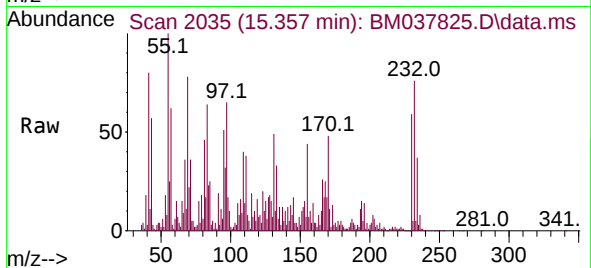
Tgt Ion:152 Resp: 94389
Ion Ratio Lower Upper
152 100
151 58.3 15.8 23.6#
153 29.7 10.6 15.8#





#58
2,3,4,6-Tetrachlorophenol
Concen: 48.916 ng/ul
RT: 15.357 min Scan# 2035
Delta R.T. 0.011 min
Lab File: BM037825.D
Acq: 02 Dec 2022 12:43

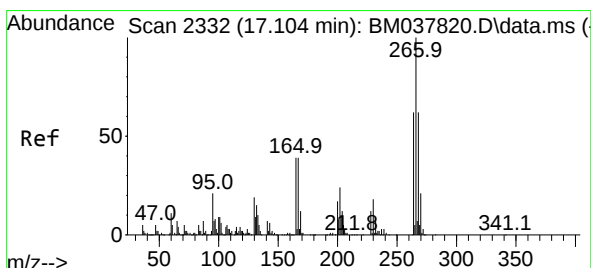
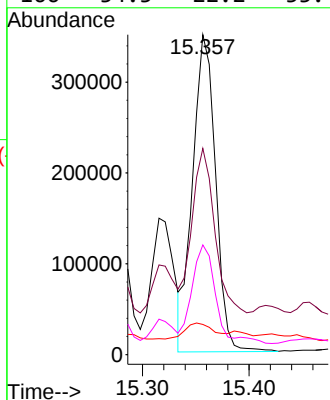
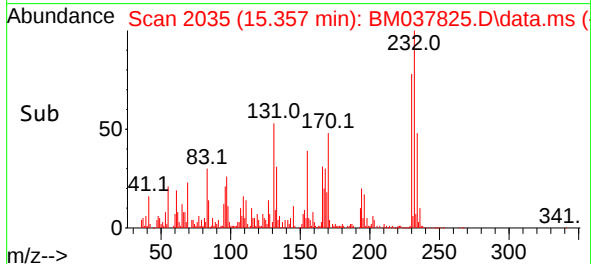
Instrument :
BNA_M
ClientSampleId :
GBNJ1



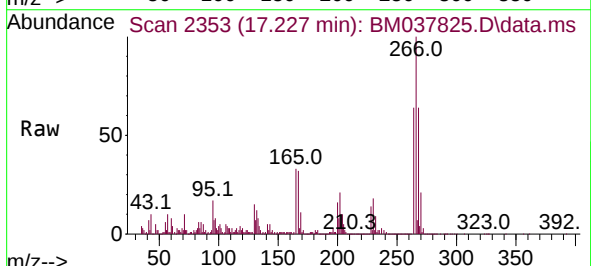
Tgt Ion:232 Resp: 521744
Ion Ratio Lower Upper
232 100
131 64.4 32.7 49.1
130 9.4 1.8 2.6
166 34.3 22.2 33.4

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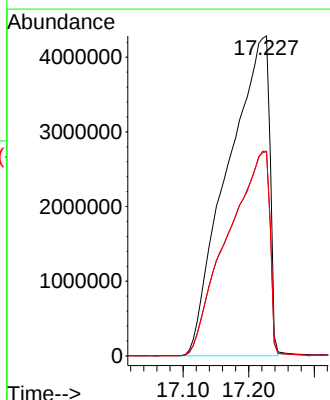
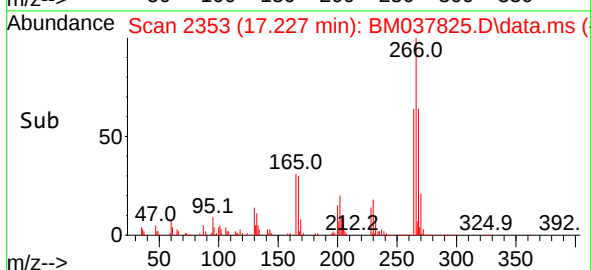
Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022

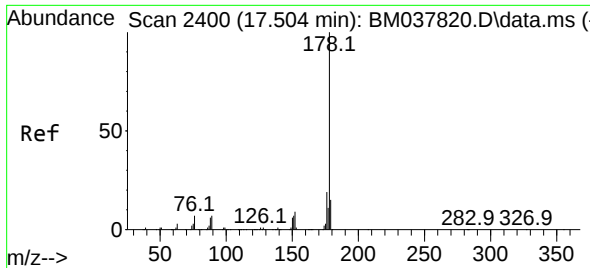


#71
Pentachlorophenol
Concen: 3399.302 ng/ul
RT: 17.227 min Scan# 2353
Delta R.T. 0.117 min
Lab File: BM037825.D
Acq: 02 Dec 2022 12:43



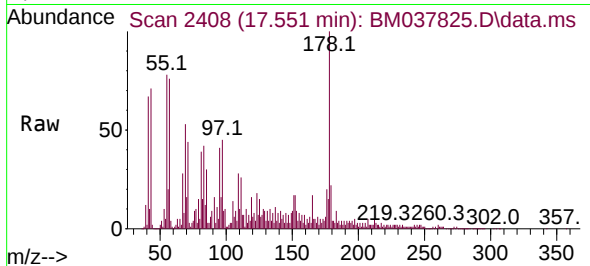
Tgt Ion:266 Resp:18981608
Ion Ratio Lower Upper
266 100
264 63.9 50.3 75.5
268 63.8 52.2 78.2





#72
Phenanthrene
Concen: 28.006 ng/ul
RT: 17.551 min Scan# 2408
Delta R.T. 0.047 min
Lab File: BM037825.D
Acq: 02 Dec 2022 12:43

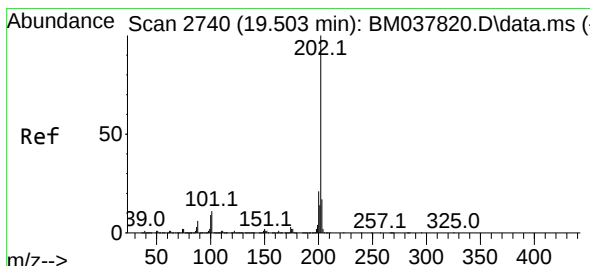
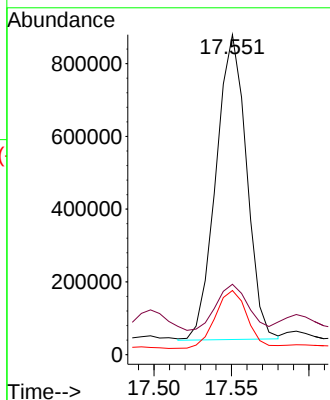
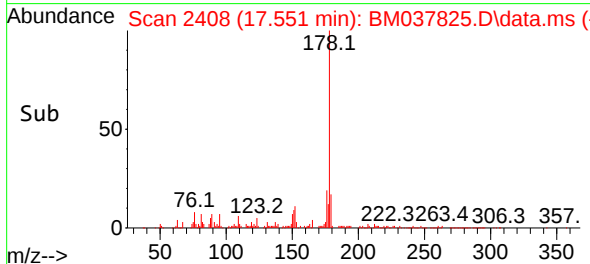
Instrument :
BNA_M
ClientSampleId :
GBNJ1



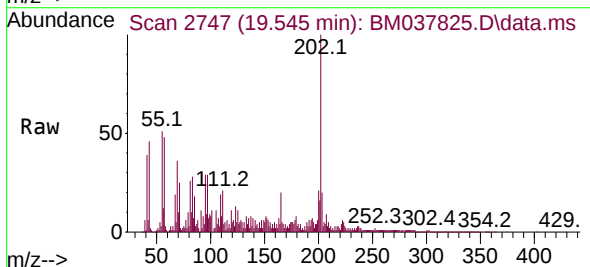
Tgt Ion:178 Resp: 114995
Ion Ratio Lower Upper
178 100
179 22.0 12.5 18.7
176 20.0 15.3 22.9

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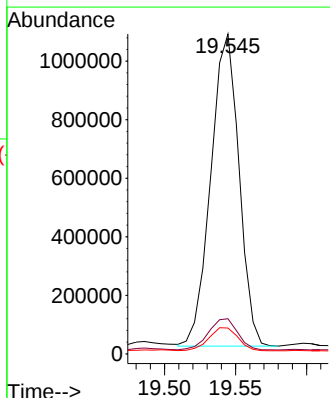
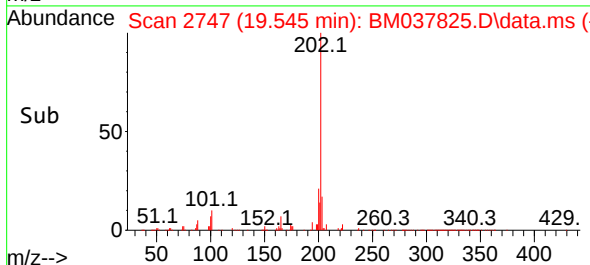
Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022

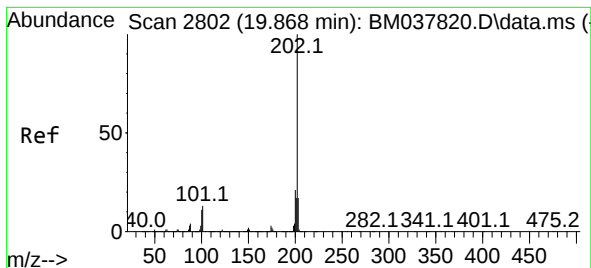


#80
Fluoranthene
Concen: 30.141 ng/ul
RT: 19.545 min Scan# 2747
Delta R.T. 0.035 min
Lab File: BM037825.D
Acq: 02 Dec 2022 12:43



Tgt Ion:202 Resp: 1475821
Ion Ratio Lower Upper
202 100
101 11.0 9.7 14.5
100 8.1 7.7 11.5





#82

Pyrene

Concen: 38.663 ng/ul

RT: 19.903 min Scan# 2808

Delta R.T. 0.029 min

Lab File: BM037825.D

Acq: 02 Dec 2022 12:43

Instrument :

BNA_M

ClientSampleId :

GBNJ1

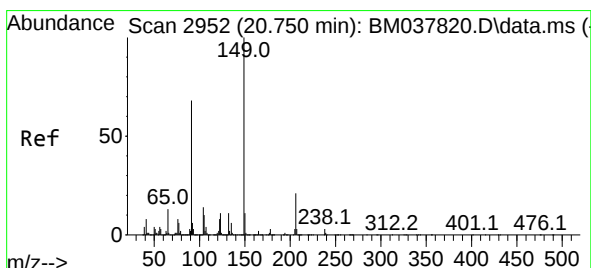
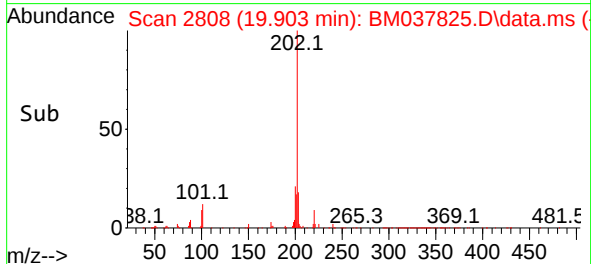
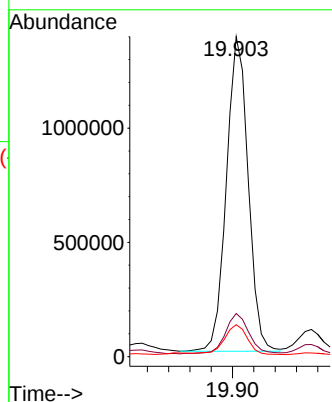
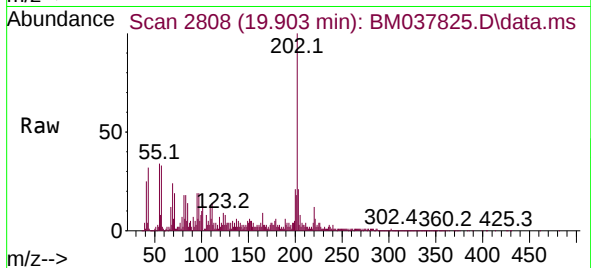
Tgt Ion:202 Resp: 1954653

Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.0	16.4
100	10.0	9.0	13.6

Manual Integrations

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#83

Butylbenzylphthalate

Concen: 16.209 ng/ul

RT: 20.768 min Scan# 2955

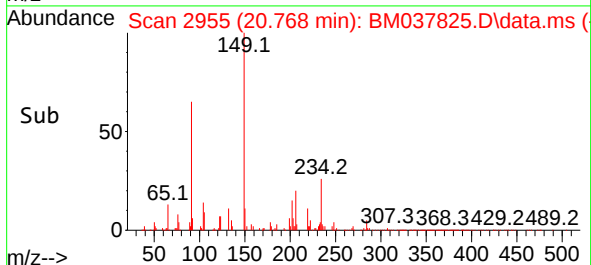
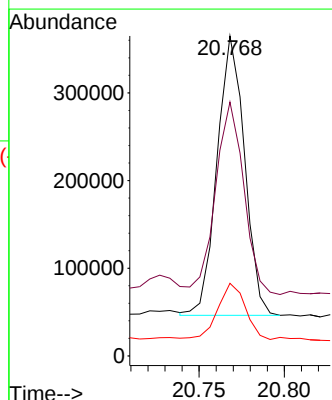
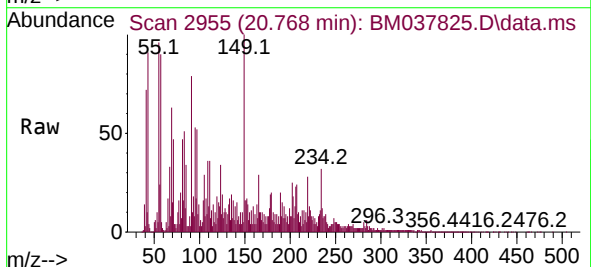
Delta R.T. 0.011 min

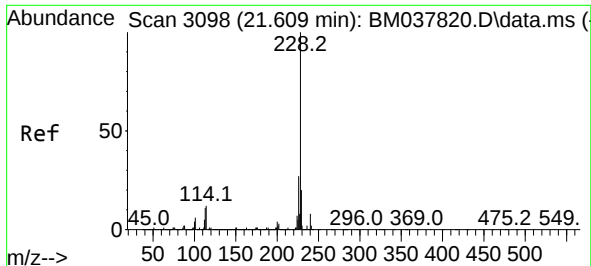
Lab File: BM037825.D

Acq: 02 Dec 2022 12:43

Tgt Ion:149 Resp: 357304

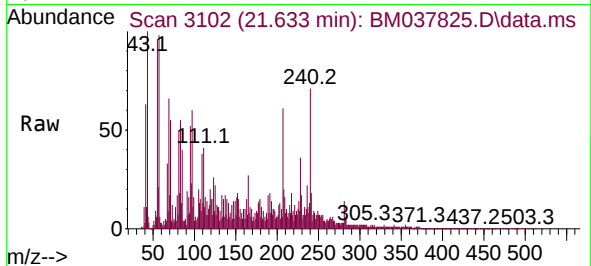
Ion	Ratio	Lower	Upper
149	100		
91	79.3	51.7	77.5
206	22.7	17.1	25.7





#85
Benzo(a)anthracene
Concen: 1.902 ng/ul
RT: 21.633 min Scan# 3102
Delta R.T. 0.017 min
Lab File: BM037825.D
Acq: 02 Dec 2022 12:43

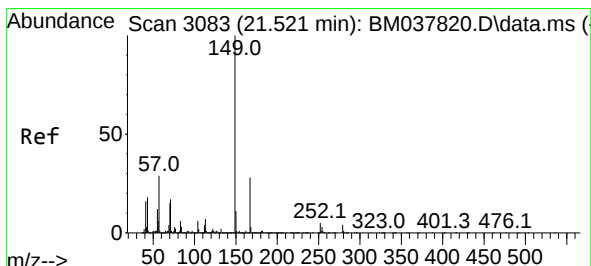
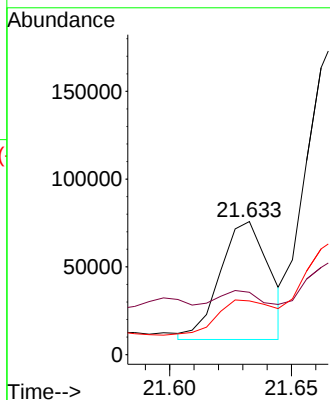
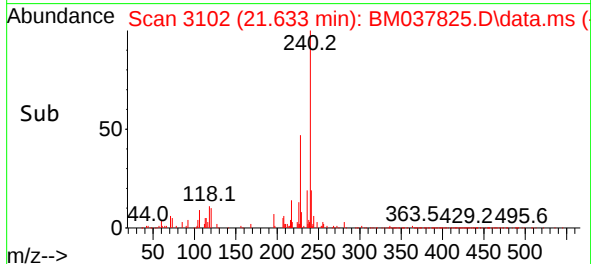
Instrument :
BNA_M
ClientSampleId :
GBNJ1



Tgt Ion:228 Resp: 9417
Ion Ratio Lower Upper
228 100
229 46.9 16.2 24.2
226 40.4 22.3 33.5

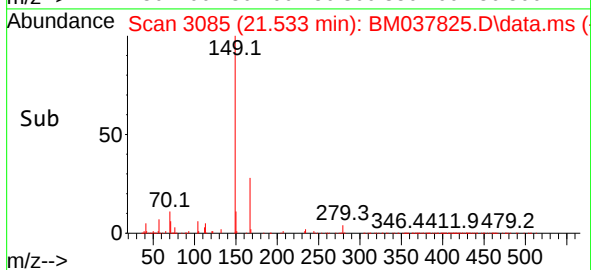
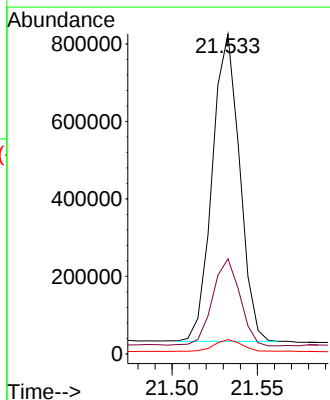
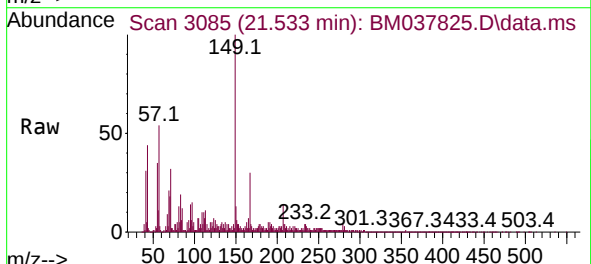
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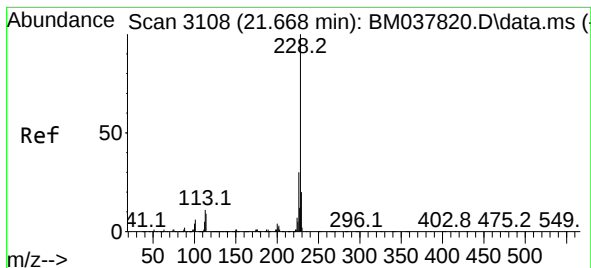
Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022



#86
Bis(2-ethylhexyl)phthalate
Concen: 26.565 ng/ul
RT: 21.533 min Scan# 3085
Delta R.T. 0.005 min
Lab File: BM037825.D
Acq: 02 Dec 2022 12:43

Tgt Ion:149 Resp: 884816
Ion Ratio Lower Upper
149 100
167 29.7 23.3 34.9
279 4.5 3.6 5.4





#87

Chrysene

Concen: 14.513 ng/ul

RT: 21.686 min Scan# 3111

Delta R.T. 0.011 min

Lab File: BM037825.D

Acq: 02 Dec 2022 12:43

Instrument :

BNA_M

ClientSampleId :

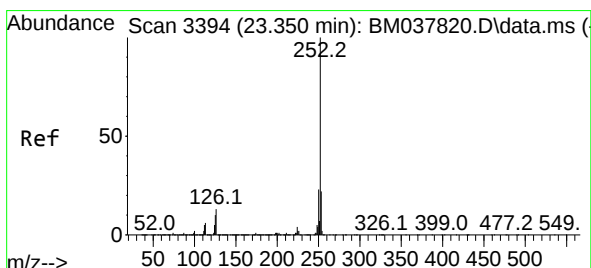
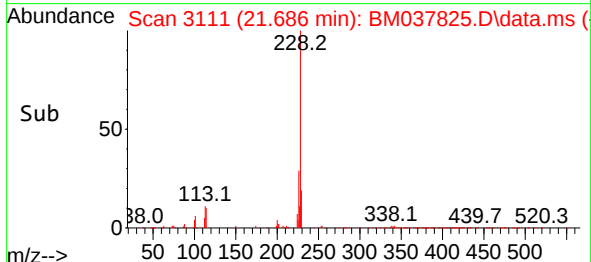
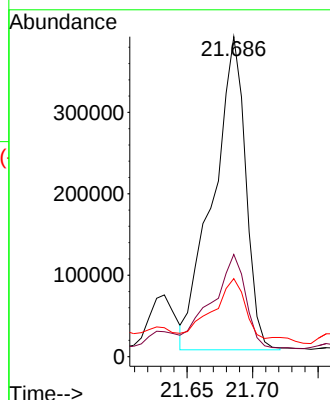
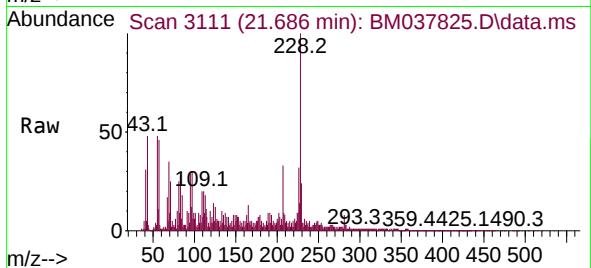
GBNJ1

Tgt Ion:228	Resp: 668910
Ion Ratio	Lower Upper
228 100	
226 31.9	24.2 36.2
229 24.4	15.8 23.6

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#90

Benzo(b)fluoranthene

Concen: 12.166 ng/ul

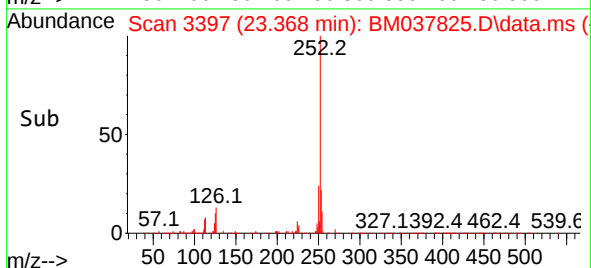
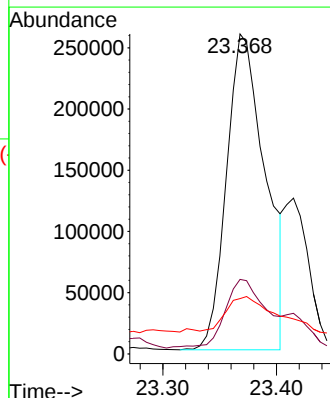
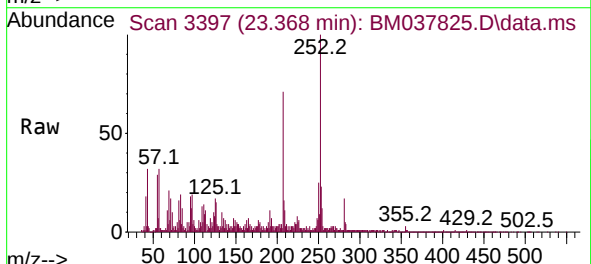
RT: 23.368 min Scan# 3397

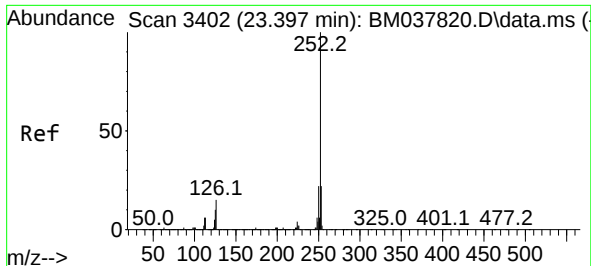
Delta R.T. 0.011 min

Lab File: BM037825.D

Acq: 02 Dec 2022 12:43

Tgt Ion:252	Resp: 612438
Ion Ratio	Lower Upper
252 100	
253 23.3	17.7 26.5
125 17.3	9.3 13.9





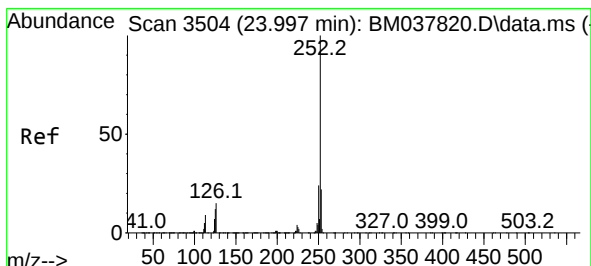
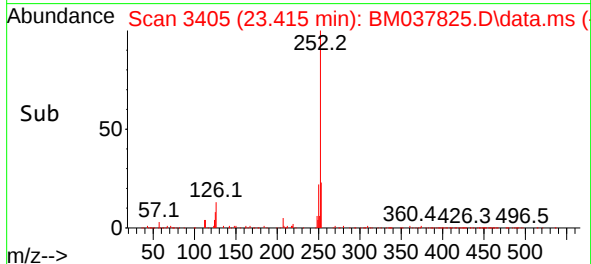
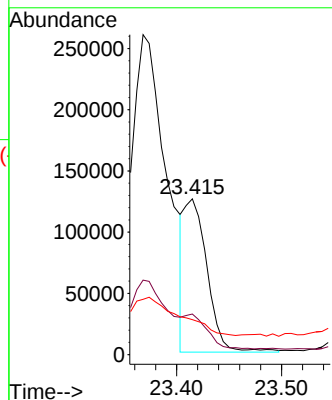
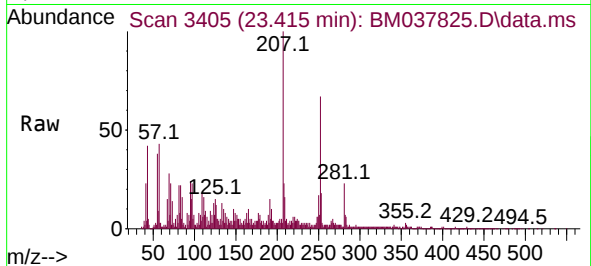
#91
Benzo(k)fluoranthene
Concen: 3.892 ng/ul m
RT: 23.415 min Scan# 3405
Delta R.T. 0.005 min
Lab File: BM037825.D
Acq: 02 Dec 2022 12:43

Instrument :
BNA_M
ClientSampleId :
GBNJ1

Tgt Ion:252 Resp: 189000
Ion Ratio Lower Upper
252 100
253 26.0 17.8 26.8
125 22.4 9.3 13.9

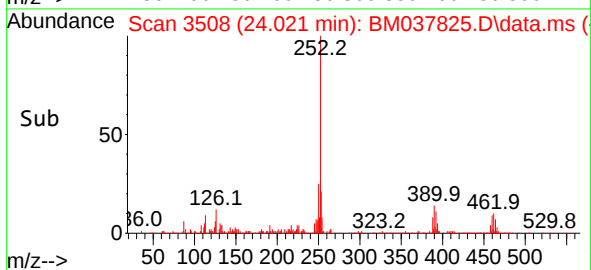
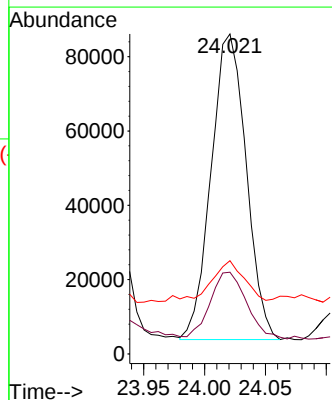
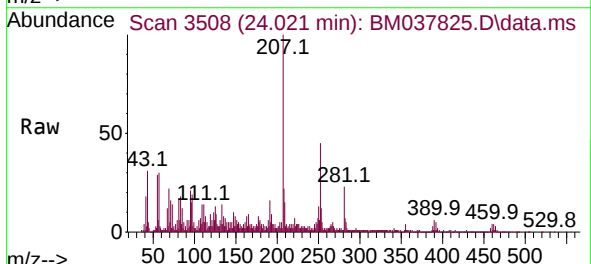
Manual Integrations
APPROVED

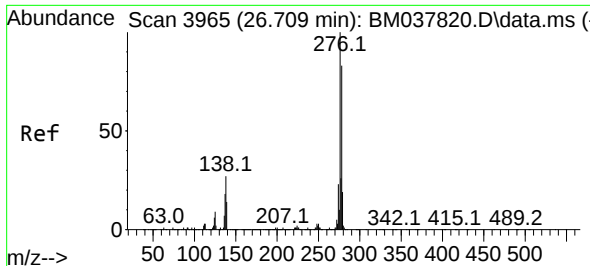
Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022



#93
Benzo(a)pyrene
Concen: 3.770 ng/ul
RT: 24.021 min Scan# 3508
Delta R.T. 0.011 min
Lab File: BM037825.D
Acq: 02 Dec 2022 12:43

Tgt Ion:252 Resp: 164557
Ion Ratio Lower Upper
252 100
253 25.5 17.4 26.2
125 29.1 10.2 15.4





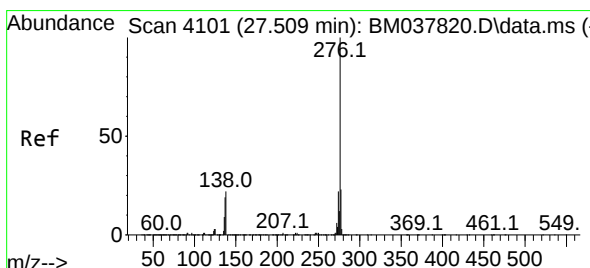
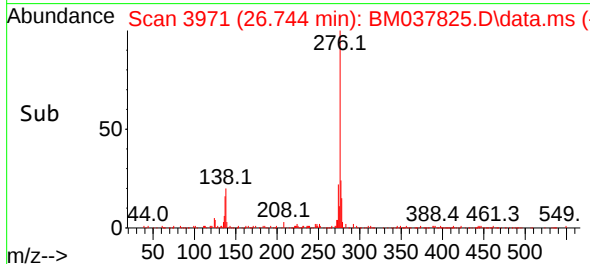
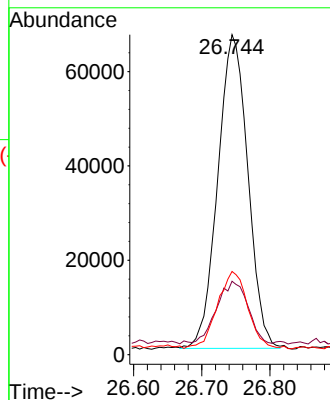
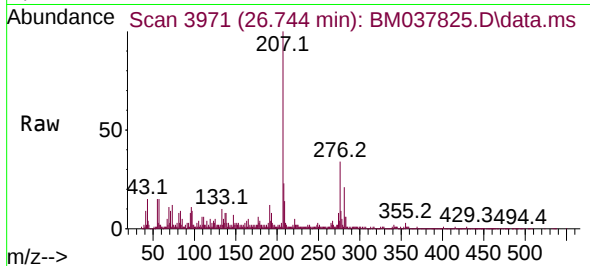
#94
Indeno(1,2,3-cd)pyrene
Concen: 4.140 ng/ul
RT: 26.744 min Scan# 3965
Delta R.T. 0.023 min
Lab File: BM037825.D
Acq: 02 Dec 2022 12:43

Instrument :
BNA_M
ClientSampleId :
GBNJ1

Tgt Ion:276 Resp: 20315
Ion Ratio Lower Upper
276 100
138 22.9 22.7 34.1
277 26.0 20.1 30.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022



#96
Benzo(g,h,i)perylene
Concen: 3.750 ng/ul
RT: 27.538 min Scan# 4106
Delta R.T. 0.011 min
Lab File: BM037825.D
Acq: 02 Dec 2022 12:43

Tgt Ion:276 Resp: 160600
Ion Ratio Lower Upper
276 100
138 25.6 19.2 28.8
277 25.1 19.1 28.7

