

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037826.D
 Acq On : 02 Dec 2022 13:20
 Operator : CG/JU
 Sample : N5738-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNJ3

Manual Integrations
 APPROVED

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

Quant Time: Dec 02 21:47:46 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)

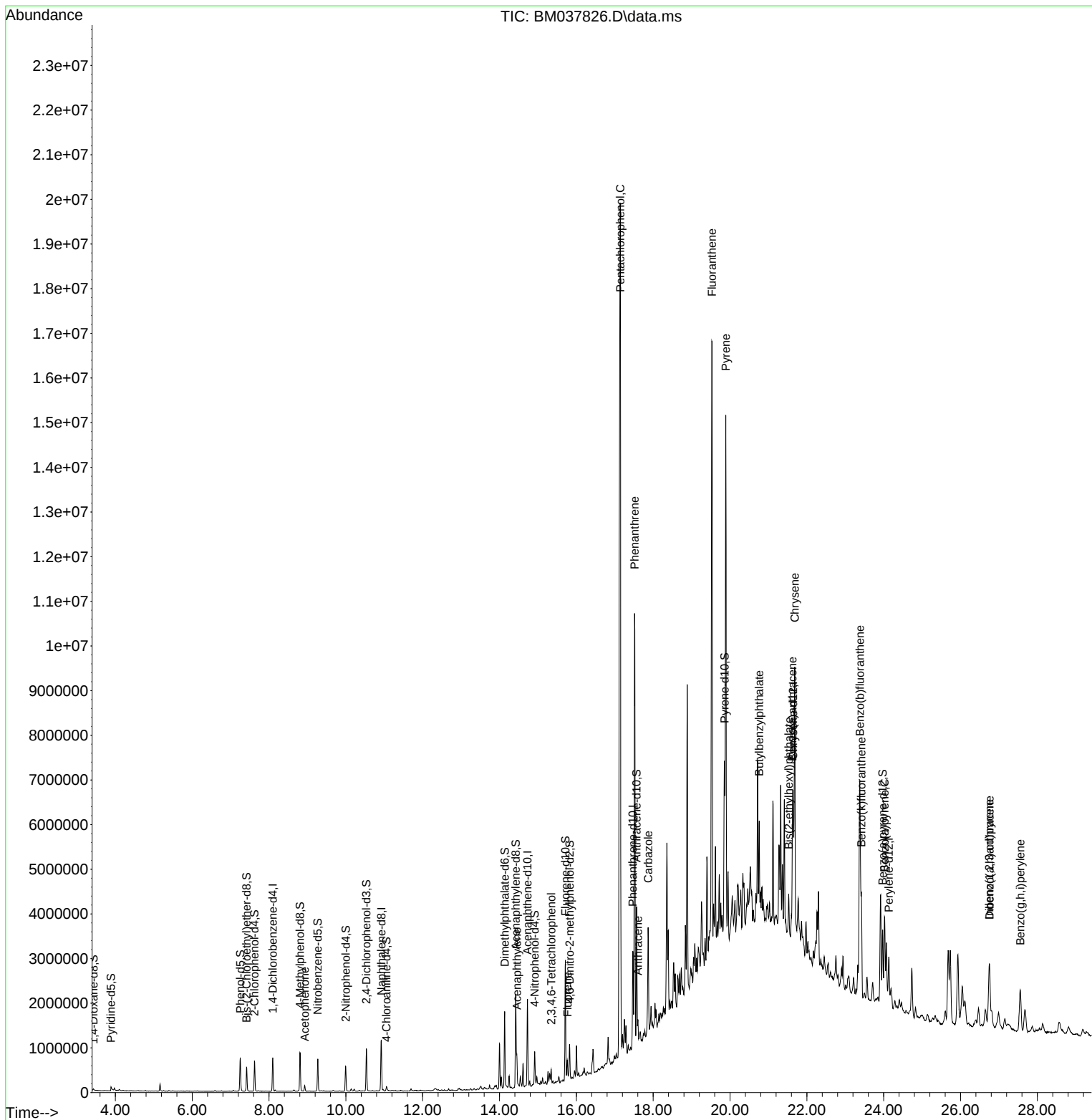
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	200146	20.000	ng/u1	0.00
20) Naphthalene-d8	10.922	136	960448	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.727	164	656457	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.468	188	1392171	20.000	ng/u1	0.00
79) Chrysene-d12	21.644	240	923726	20.000	ng/u1	0.01
88) Perylene-d12	24.133	264	829079	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	13959	3.272	ng/uL	0.00
4) Pyridine-d5	3.887	84	60613	4.393	ng/u1	0.02
7) Phenol-d5	7.251	99	410436	22.762	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	229698	21.834	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	324949	23.834	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	328330	22.896	ng/u1	0.00
21) Nitrobenzene-d5	9.269	128	172986	22.674	ng/u1	0.00
24) 2-Nitrophenol-d4	9.998	143	190826	24.171	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.533	165	355054	24.250	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	67407	3.002	ng/u1	0.00
46) Dimethylphthalate-d6	14.133	166	1113387	24.699	ng/u1	0.00
49) Acenaphthylene-d8	14.421	160	1335486	24.360	ng/u1	0.00
54) 4-Nitrophenol-d4	14.915	143	195019	20.843	ng/u1	0.00
60) Fluorene-d10	15.715	176	1047460	25.613	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.827	200	133937	18.263	ng/u1	0.00
73) Anthracene-d10	17.568	188	1578912	24.662	ng/u1	0.00
81) Pyrene-d10	19.856	212	1493815	31.220	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.974	264	1019193	24.539	ng/u1	0.02
Target Compounds					Qvalue	
16) Acetophenone	8.928	105	62606	2.768	ng/u1	97
50) Acenaphthylene	14.451	152	483509	7.955	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.345	232	55058m	4.789	ng/u1	
61) Fluorene	15.768	166	48098	1.008	ng/u1#	93
71) Pentachlorophenol	17.145	266	5651174	550.754	ng/u1	99
72) Phenanthrene	17.515	178	6157139	81.604	ng/u1	98
74) Anthracene	17.604	178	368039	4.782	ng/u1	98
77) Carbazole	17.868	167	1431131	20.204	ng/u1	99
80) Fluoranthene	19.527	202	10593234	181.253	ng/u1	97
82) Pyrene	19.892	202	8028704	133.045	ng/u1	98
83) Butylbenzylphthalate	20.762	149	515476	19.592	ng/u1	96
85) Benzo(a)anthracene	21.627	228	1116665	18.894	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.527	149	159871	4.021	ng/u1#	90
87) Chrysene	21.686	228	4118783	74.868	ng/u1	99
90) Benzo(b)fluoranthene	23.380	252	4446780	83.518	ng/u1	99
91) Benzo(k)fluoranthene	23.421	252	1311427m	25.533	ng/u1	
93) Benzo(a)pyrene	24.021	252	1420057	30.756	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.750	276	1614718	31.107	ng/u1#	93
95) Dibenzo(a,h)anthracene	26.756	278	300206	6.354	ng/u1#	82
96) Benzo(g,h,i)perylene	27.556	276	1270979	28.057	ng/u1	98

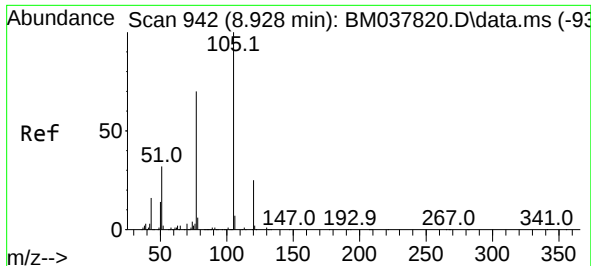
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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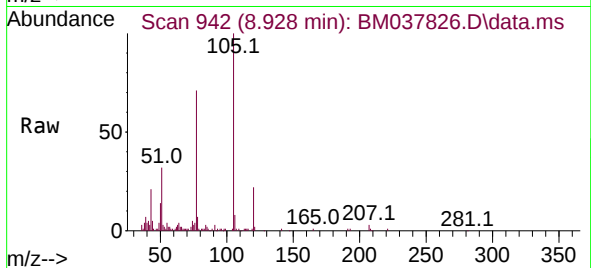
Quant Time: Dec 02 21:47:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 01:14:59 2022
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#16
Acetophenone
Concen: 2.768 ng/ul
RT: 8.928 min Scan# 942
Delta R.T. -0.000 min
Lab File: BM037826.D
Acq: 02 Dec 2022 13:20

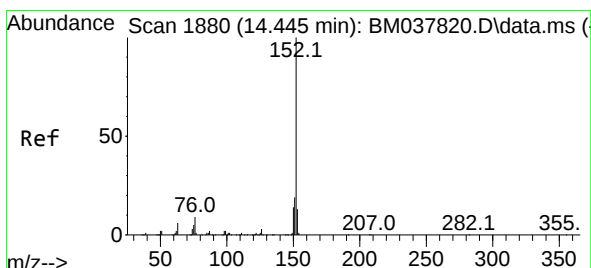
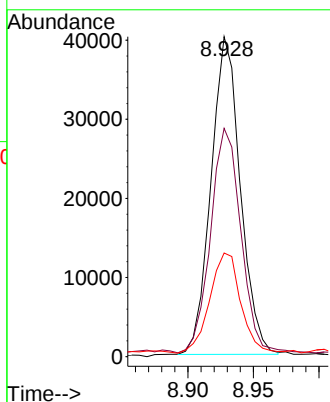
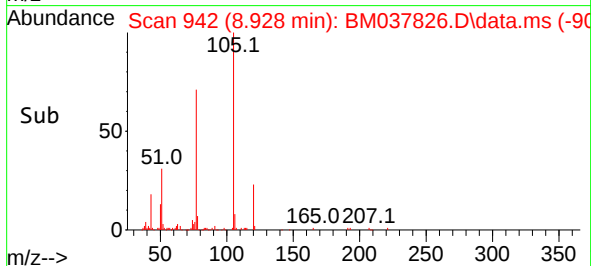
Instrument :
BNA_M
ClientSampleId :
GBNJ3



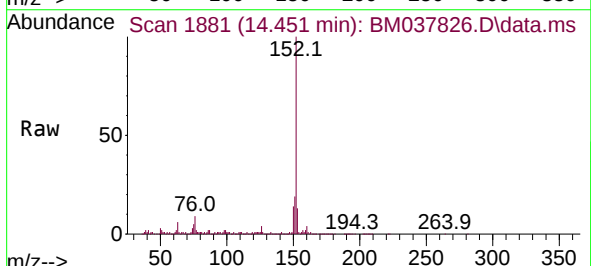
Tgt Ion:105 Resp: 62600
Ion Ratio Lower Upper
105 100
77 71.3 59.0 88.4
51 32.4 24.4 36.6

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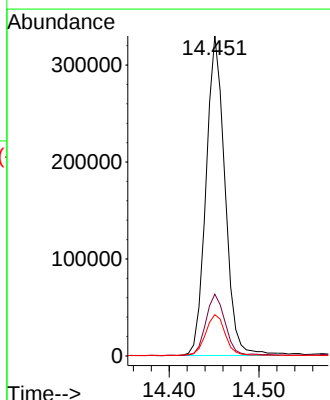
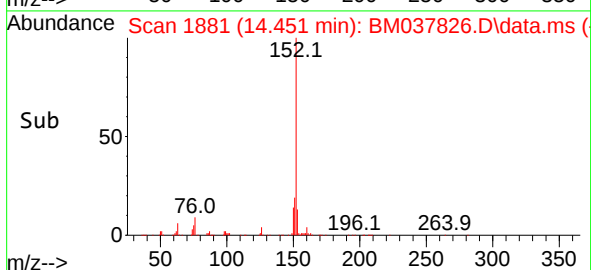
Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022

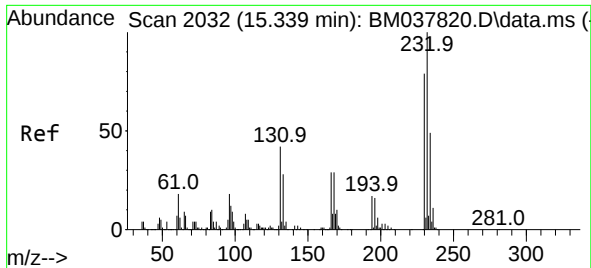


#50
Acenaphthylene
Concen: 7.955 ng/ul
RT: 14.451 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BM037826.D
Acq: 02 Dec 2022 13:20



Tgt Ion:152 Resp: 483509
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.6
153 12.9 10.6 15.8





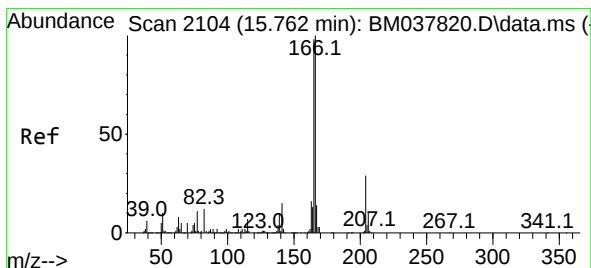
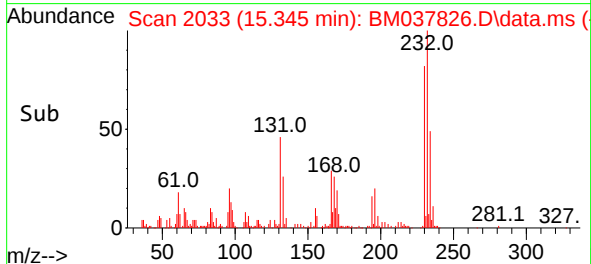
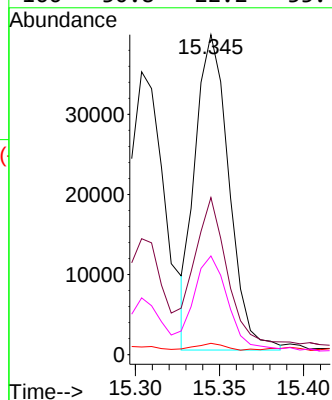
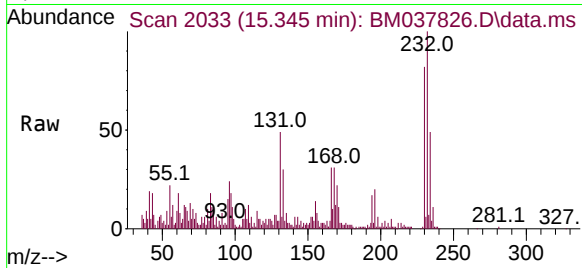
#58
2,3,4,6-Tetrachlorophenol
Concen: 4.789 ng/ul m
RT: 15.345 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BM037826.D
Acq: 02 Dec 2022 13:20

Instrument :
BNA_M
ClientSampleId :
GBNJ3

Tgt Ion:232 Resp: 55058
Ion Ratio Lower Upper
232 100
131 49.1 32.7 49.1
130 3.5 1.8 2.6
166 30.8 22.2 33.4

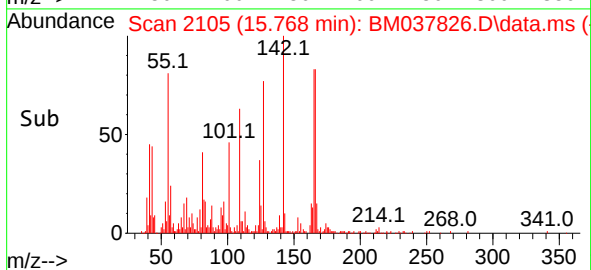
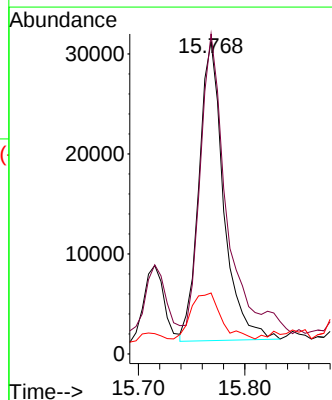
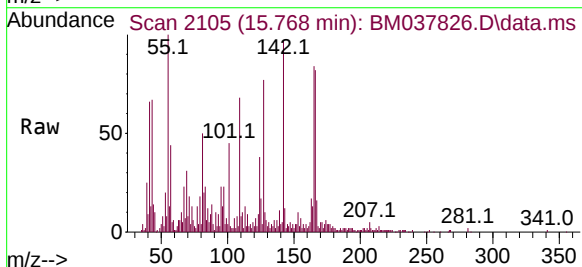
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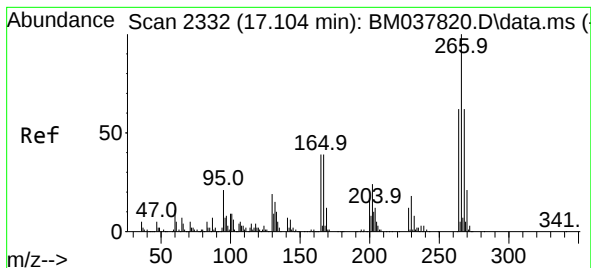
Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022



#61
Fluorene
Concen: 1.008 ng/ul
RT: 15.768 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BM037826.D
Acq: 02 Dec 2022 13:20

Tgt Ion:166 Resp: 48098
Ion Ratio Lower Upper
166 100
165 102.5 77.0 115.6
167 19.5 10.5 15.7#





#71

Pentachlorophenol

Concen: 550.754 ng/ul

RT: 17.145 min Scan# 2339

Delta R.T. 0.035 min

Lab File: BM037826.D

Acq: 02 Dec 2022 13:20

Instrument :

BNA_M

ClientSampleId :

GBNJ3

Tgt Ion:266 Resp: 5651174

Ion Ratio Lower Upper

266 100

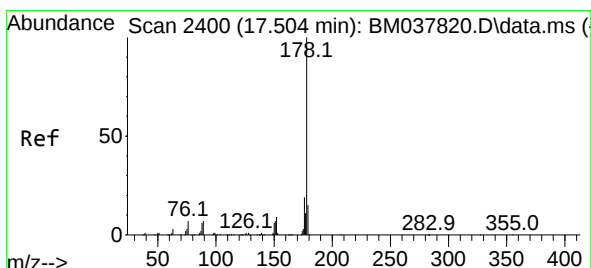
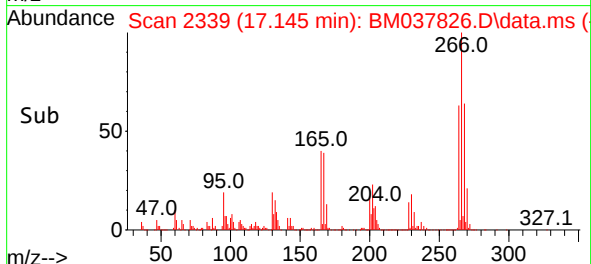
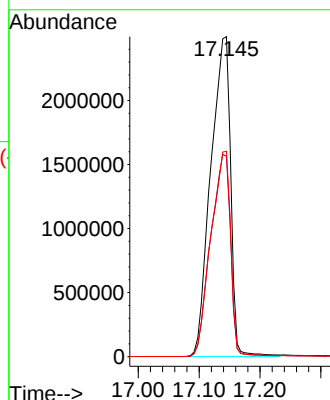
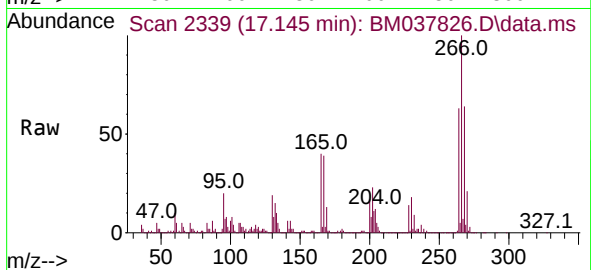
264 62.6 50.3 75.5

268 64.2 52.2 78.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/05/2022
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#72

Phenanthrene

Concen: 81.604 ng/ul

RT: 17.515 min Scan# 2402

Delta R.T. 0.011 min

Lab File: BM037826.D

Acq: 02 Dec 2022 13:20

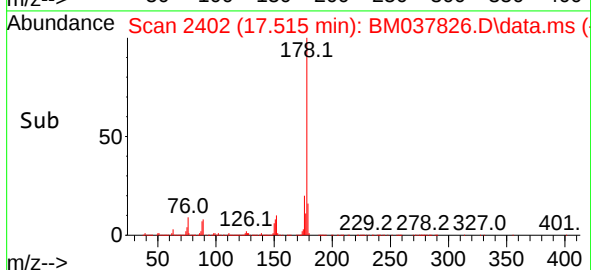
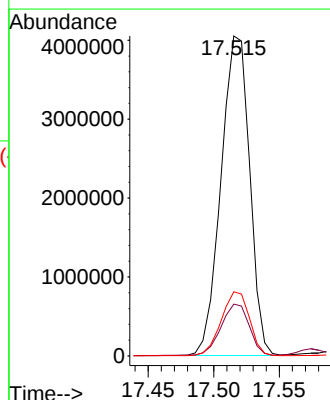
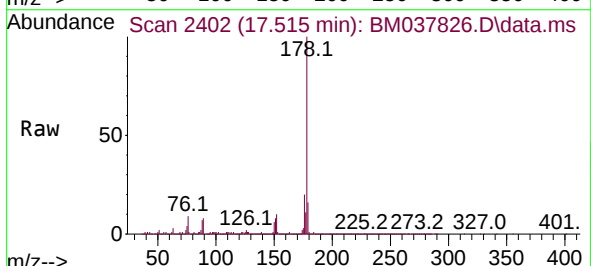
Tgt Ion:178 Resp: 6157139

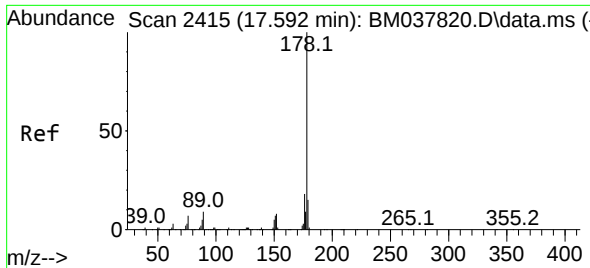
Ion Ratio Lower Upper

178 100

179 16.2 12.5 18.7

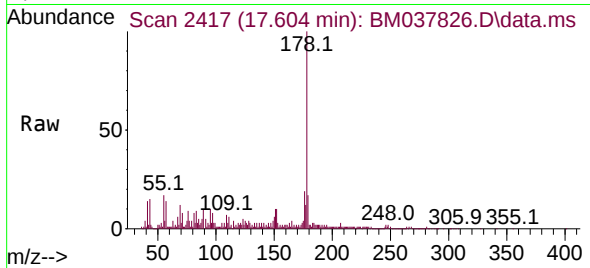
176 20.0 15.3 22.9





#74
 Anthracene
 Concen: 4.782 ng/ul
 RT: 17.604 min Scan# 2415
 Delta R.T. 0.005 min
 Lab File: BM037826.D
 Acq: 02 Dec 2022 13:20

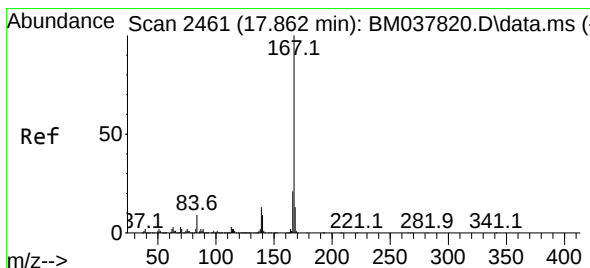
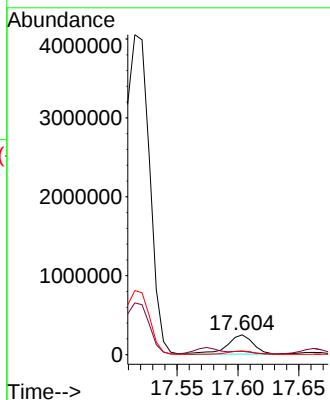
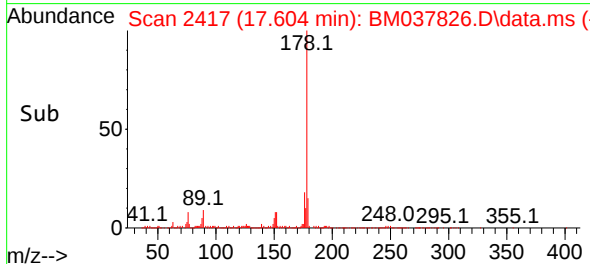
Instrument :
 BNA_M
 ClientSampleId :
 GBNJ3



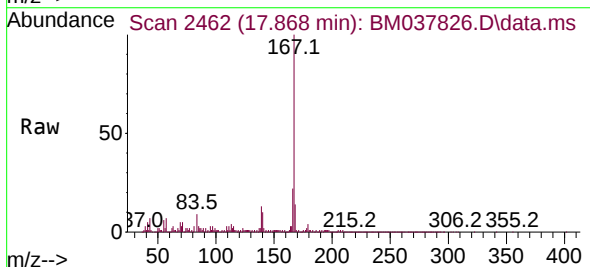
Tgt Ion:178 Resp: 368039
 Ion Ratio Lower Upper
 178 100
 179 16.9 12.2 18.4
 176 18.7 14.8 22.2

Manual Integrations
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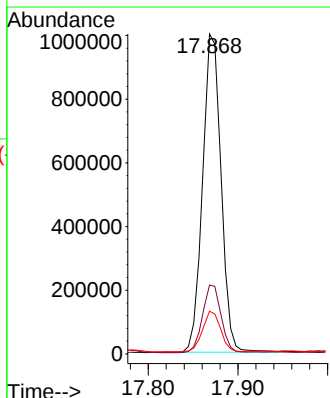
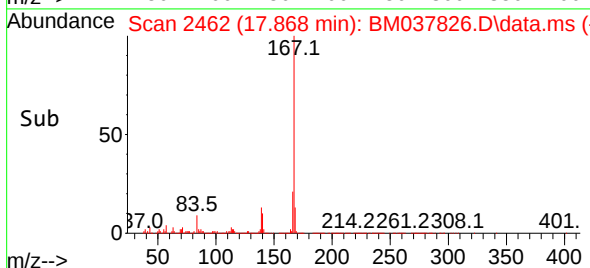
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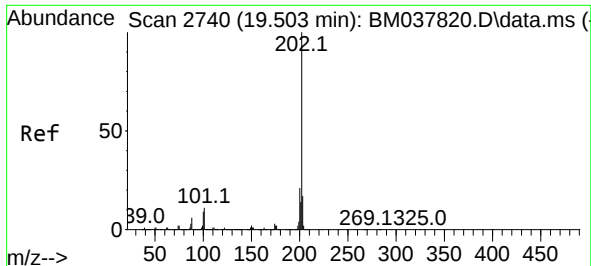


#77
 Carbazole
 Concen: 20.204 ng/ul
 RT: 17.868 min Scan# 2462
 Delta R.T. 0.005 min
 Lab File: BM037826.D
 Acq: 02 Dec 2022 13:20



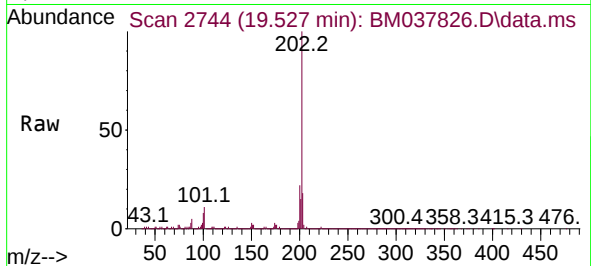
Tgt Ion:167 Resp: 1431131
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.3 10.0 15.0





#80
Fluoranthene
Concen: 181.253 ng/u1
RT: 19.527 min Scan# 21
Delta R.T. 0.017 min
Lab File: BM037826.D
Acq: 02 Dec 2022 13:20

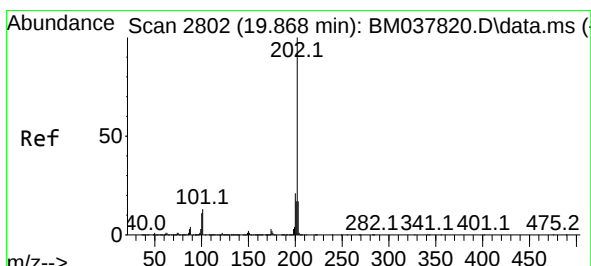
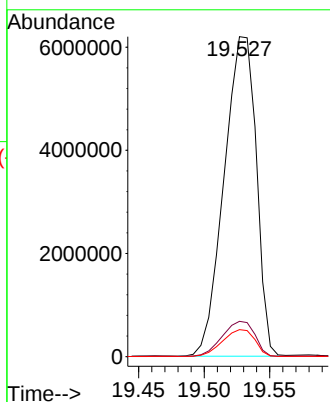
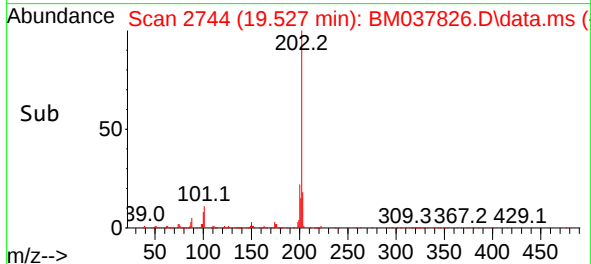
Instrument :
BNA_M
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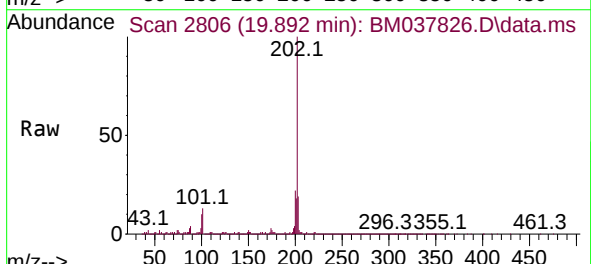
Tgt Ion:202 Resp:10593234
Ion Ratio Lower Upper
202 100
101 11.0 9.7 14.5
100 8.4 7.7 11.5

Manual Integrations
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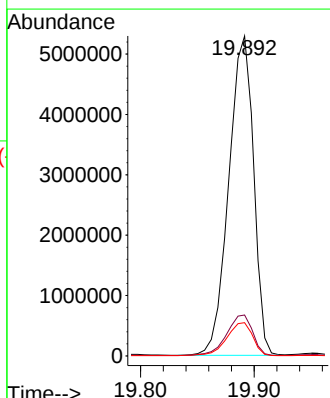
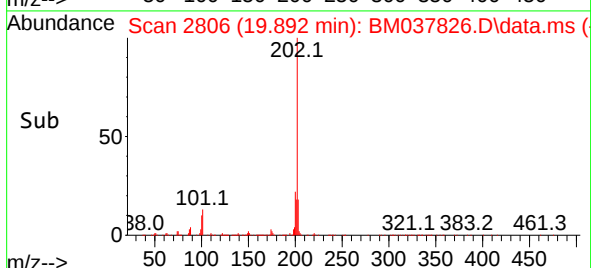
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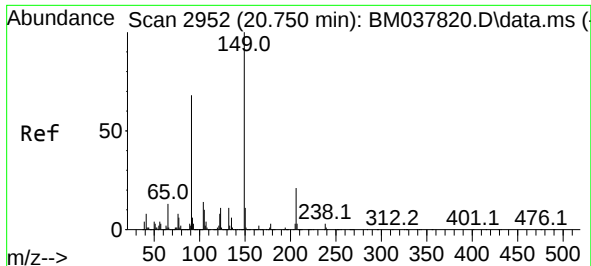


#82
Pyrene
Concen: 133.045 ng/u1
RT: 19.892 min Scan# 2806
Delta R.T. 0.017 min
Lab File: BM037826.D
Acq: 02 Dec 2022 13:20



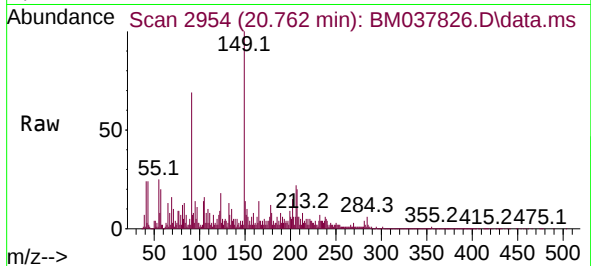
Tgt Ion:202 Resp: 8028704
Ion Ratio Lower Upper
202 100
101 12.8 11.0 16.4
100 10.4 9.0 13.6





#83
Butylbenzylphthalate
Concen: 19.592 ng/ul
RT: 20.762 min Scan# 2952
Delta R.T. 0.005 min
Lab File: BM037826.D
Acq: 02 Dec 2022 13:20

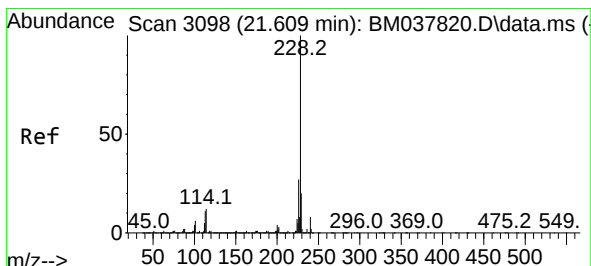
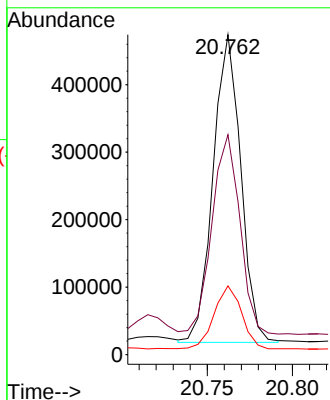
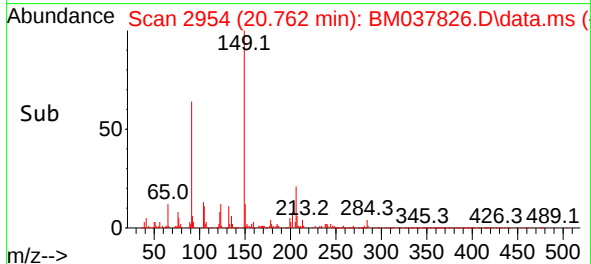
Instrument :
BNA_M
ClientSampleId :
GBNJ3



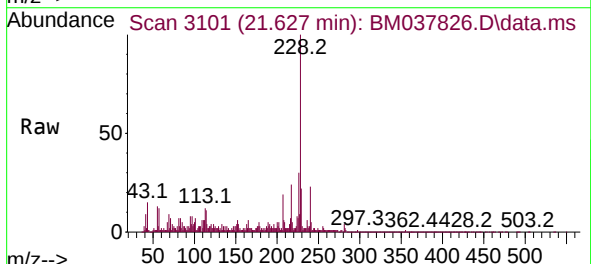
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Ion Ratio Lower Upper
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91 68.7 51.7 77.5
206 21.5 17.1 25.7

Manual Integrations
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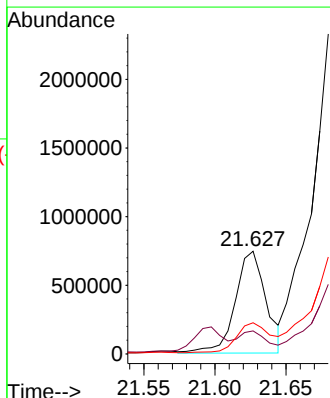
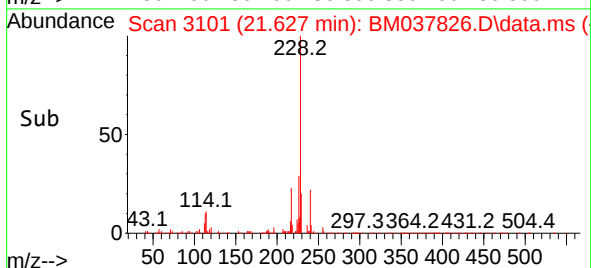
Reviewed By :Jagrut Upadhyay 12/05/2022
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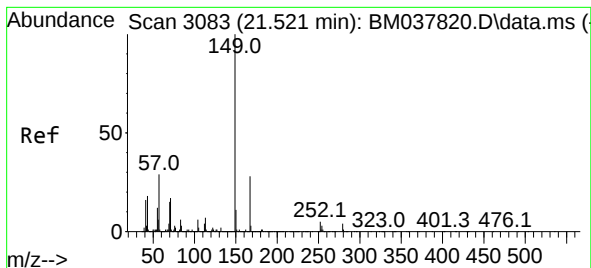


#85
Benzo(a)anthracene
Concen: 18.894 ng/ul
RT: 21.627 min Scan# 3101
Delta R.T. 0.011 min
Lab File: BM037826.D
Acq: 02 Dec 2022 13:20



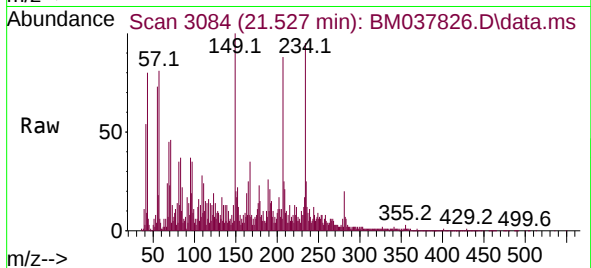
Tgt Ion:228 Resp: 1116665
Ion Ratio Lower Upper
228 100
229 22.4 16.2 24.2
226 30.4 22.3 33.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 4.021 ng/ul
RT: 21.527 min Scan# 3084
Delta R.T. -0.000 min
Lab File: BM037826.D
Acq: 02 Dec 2022 13:20

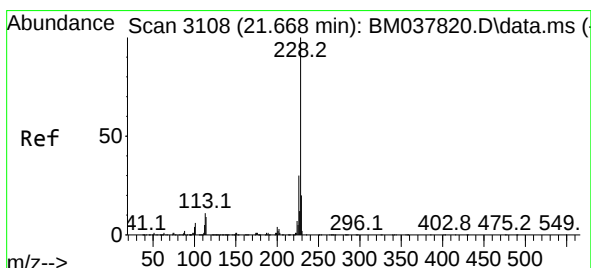
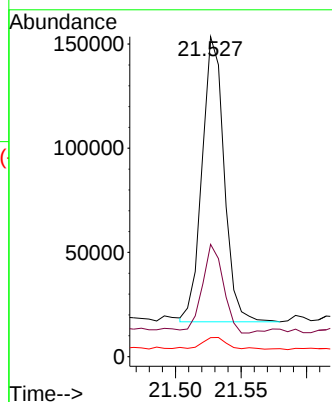
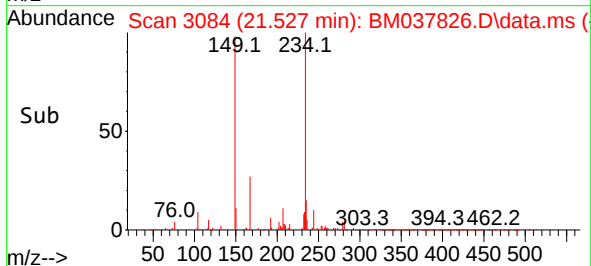
Instrument :
BNA_M
ClientSampleId :
GBNJ3



Tgt Ion:149 Resp: 15987
Ion Ratio Lower Upper
149 100
167 35.1 23.3 34.9
279 5.9 3.6 5.4

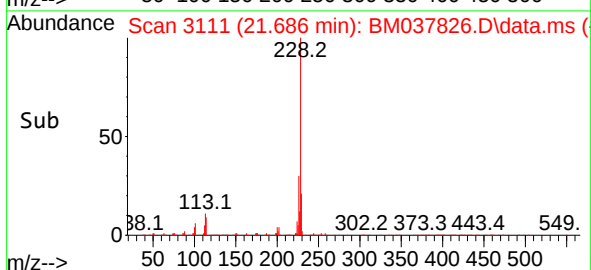
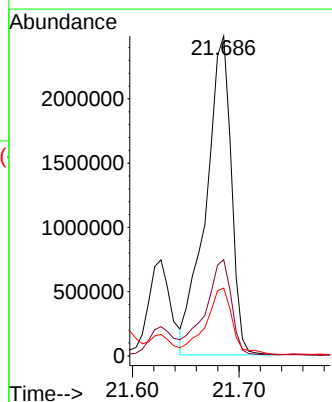
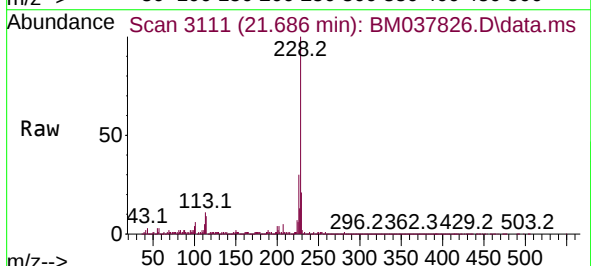
Manual Integrations
APPROVED

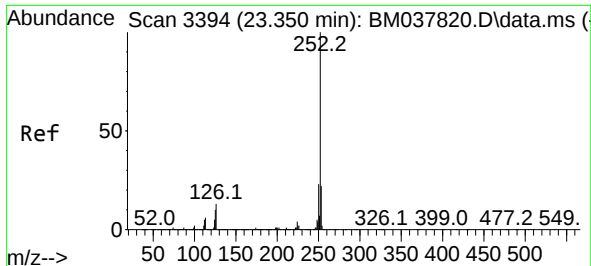
Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022



#87
Chrysene
Concen: 74.868 ng/ul
RT: 21.686 min Scan# 3111
Delta R.T. 0.011 min
Lab File: BM037826.D
Acq: 02 Dec 2022 13:20

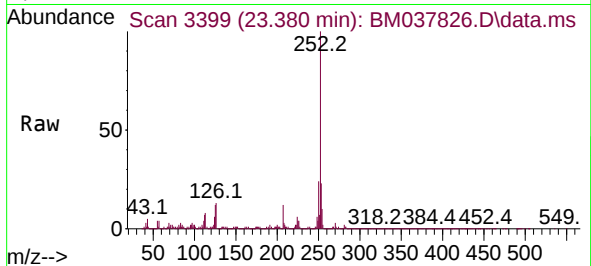
Tgt Ion:228 Resp: 4118783
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 21.2 15.8 23.6





#90
Benzo(b)fluoranthene
Concen: 83.518 ng/ul
RT: 23.380 min Scan# 3394
Delta R.T. 0.023 min
Lab File: BM037826.D
Acq: 02 Dec 2022 13:20

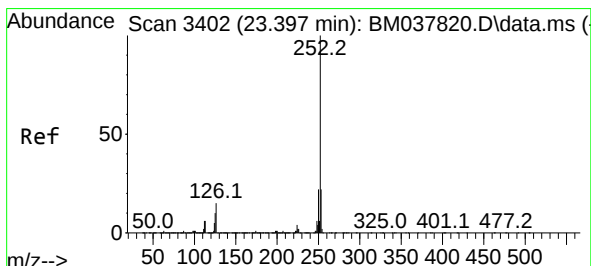
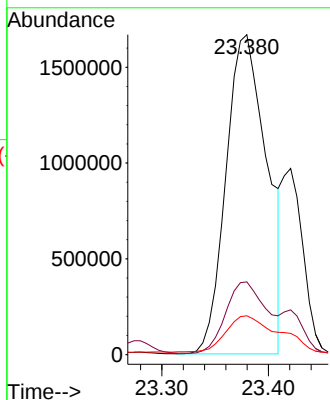
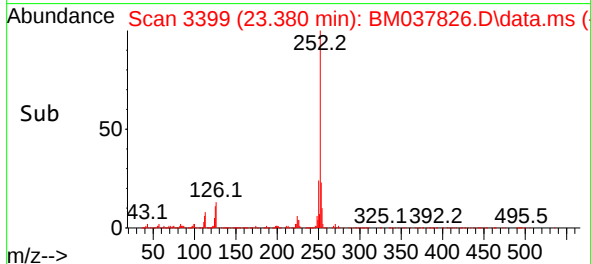
Instrument :
BNA_M
ClientSampleId :
GBNJ3



Tgt Ion:252 Resp: 4446780
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 12.1 9.3 13.9

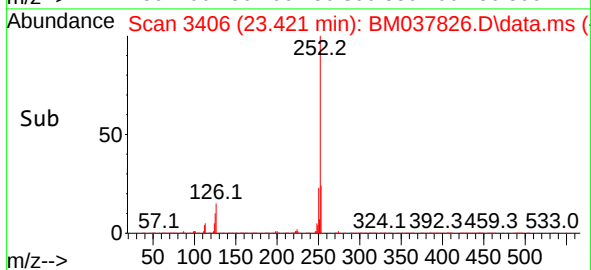
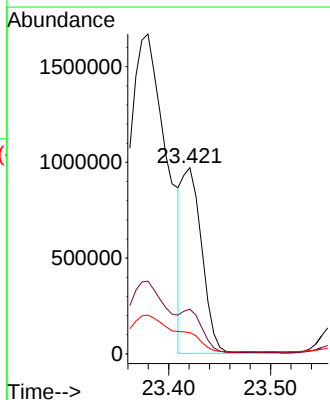
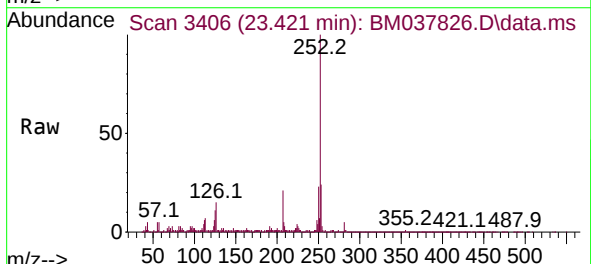
Manual Integrations
APPROVED

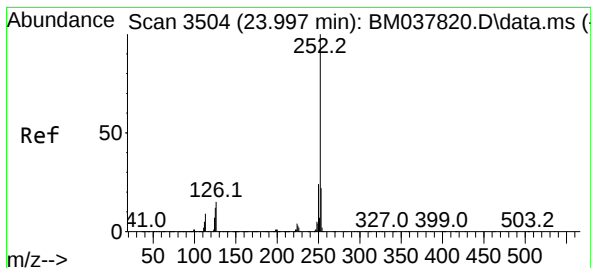
Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022



#91
Benzo(k)fluoranthene
Concen: 25.533 ng/ul m
RT: 23.421 min Scan# 3406
Delta R.T. 0.011 min
Lab File: BM037826.D
Acq: 02 Dec 2022 13:20

Tgt Ion:252 Resp: 1311427
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 11.4 9.3 13.9





#93

Benzo(a)pyrene

Concen: 30.756 ng/ul

RT: 24.021 min Scan# 31

Delta R.T. 0.011 min

Lab File: BM037826.D

Acq: 02 Dec 2022 13:20

Instrument :

BNA_M

ClientSampleId :

GBNJ3

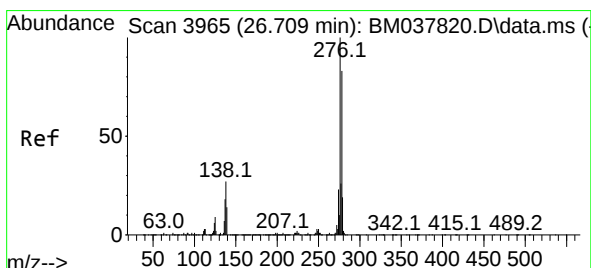
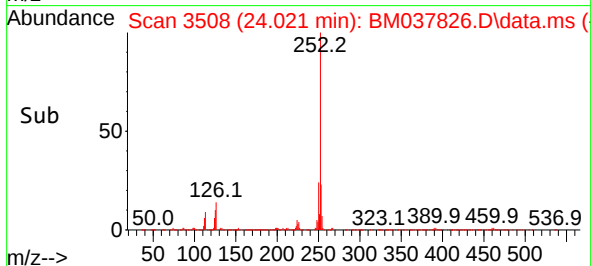
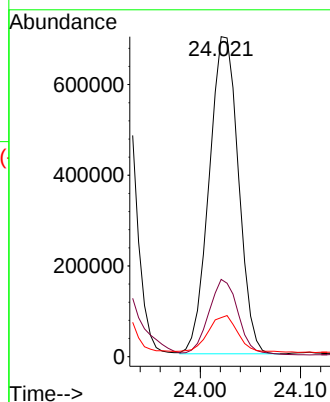
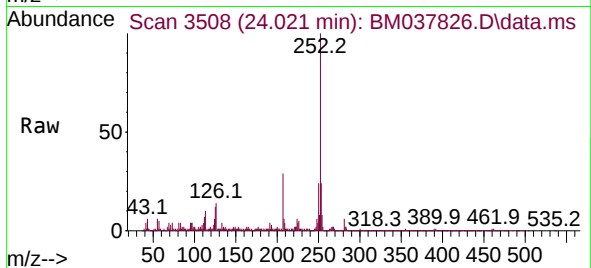
Tgt Ion:252 Resp: 142005

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.2
125	12.2	10.2	15.4

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 31.107 ng/ul

RT: 26.750 min Scan# 3972

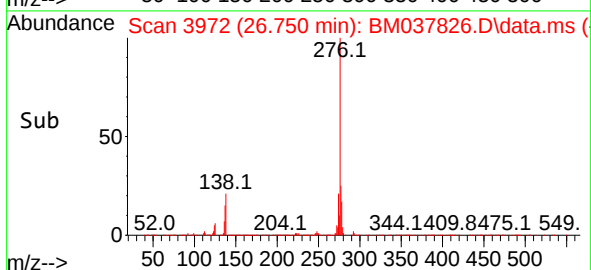
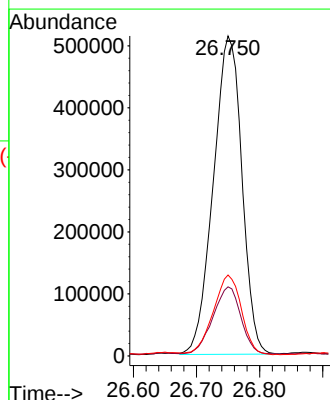
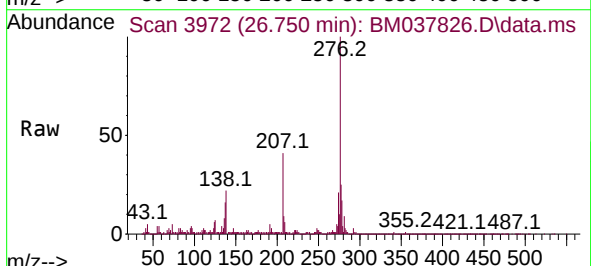
Delta R.T. 0.029 min

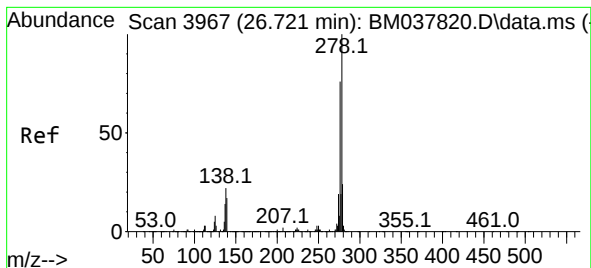
Lab File: BM037826.D

Acq: 02 Dec 2022 13:20

Tgt Ion:276 Resp: 1614718

Ion	Ratio	Lower	Upper
276	100		
138	21.6	22.7	34.1#
277	25.3	20.1	30.1





#95

Dibenzo(a,h)anthracene

Concen: 6.354 ng/ul

RT: 26.756 min Scan# 3967

Delta R.T. 0.017 min

Lab File: BM037826.D

Acq: 02 Dec 2022 13:20

Instrument :

BNA_M

ClientSampleId :

GBNJ3

Tgt Ion:278 Resp: 300200

Ion Ratio Lower Upper

278 100

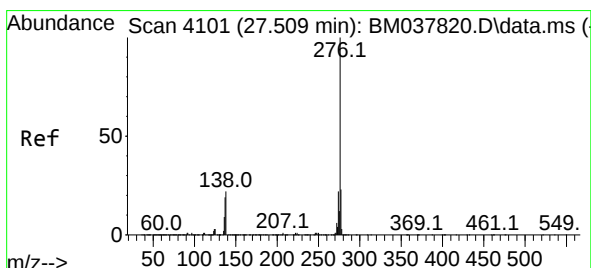
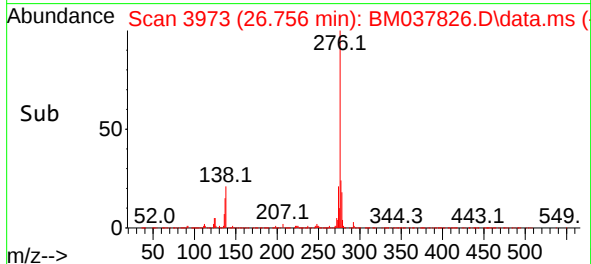
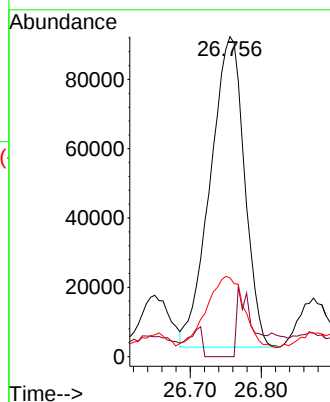
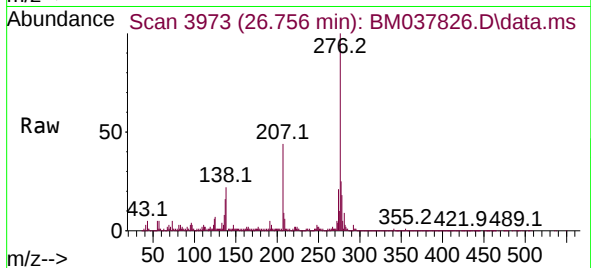
139 0.0 13.9 20.9

279 24.6 19.0 28.6

Manual Integrations

APPROVED

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



#96

Benzo(g,h,i)perylene

Concen: 28.057 ng/ul

RT: 27.556 min Scan# 4109

Delta R.T. 0.029 min

Lab File: BM037826.D

Acq: 02 Dec 2022 13:20

Tgt Ion:276 Resp: 1270979

Ion Ratio Lower Upper

276 100

138 22.5 19.2 28.8

277 24.3 19.1 28.7

