

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037827.D
 Acq On : 02 Dec 2022 13:56
 Operator : CG/JU
 Sample : N5738-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNJ6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2022
 Supervised By :mohammad ahmed 12/08/2022

Quant Time: Dec 02 21:48:04 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	245605	20.000	ng/ul	0.00
20) Naphthalene-d8	10.922	136	1156499	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.733	164	699216	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.539	188	667197m	20.000	ng/ul	0.08
79) Chrysene-d12	21.656	240	695999m	20.000	ng/ul	0.02
88) Perylene-d12	24.150	264	803359	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	16428	3.138	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.251	99	482283	21.796	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	278154	21.546	ng/ul	0.00
11) 2-Chlorophenol-d4	7.628	132	397948	23.786	ng/ul	0.00
15) 4-Methylphenol-d8	8.810	113	374930	21.306	ng/ul	0.00
21) Nitrobenzene-d5	9.269	128	208948	22.744	ng/ul	0.00
24) 2-Nitrophenol-d4	9.998	143	228069	23.991	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	404492	22.944	ng/ul	0.00
31) 4-Chloroaniline-d4	11.086	131	10980m	0.406	ng/ul	0.03
46) Dimethylphthalate-d6	14.133	166	1189450	24.773	ng/ul	0.00
49) Acenaphthylene-d8	14.427	160	1384851	23.716	ng/ul	0.00
54) 4-Nitrophenol-d4	14.933	143	212285	21.301	ng/ul	0.02
60) Fluorene-d10	15.727	176	822733	18.888	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.845	200	140213m	39.894	ng/ul	0.02
73) Anthracene-d10	17.627	188	725523m	23.646	ng/ul	0.06
81) Pyrene-d10	19.886	212	680565m	18.877	ng/ul	0.04
92) Benzo(a)pyrene-d12	23.986	264	957139	23.782	ng/ul	0.03
Target Compounds						
					Qvalue	
8) Phenol	7.281	94	38263	1.692	ng/ul	97
16) Acetophenone	8.928	105	146236	5.268	ng/ul	98
50) Acenaphthylene	14.457	152	97435	1.505	ng/ul#	55
58) 2,3,4,6-Tetrachlorophenol	15.363	232	1134445	92.632	ng/ul#	81
71) Pentachlorophenol	17.280	266	39262405m	7984.256	ng/ul	
72) Phenanthrene	17.574	178	495625m	13.706	ng/ul	
74) Anthracene	17.662	178	105550m	2.861	ng/ul	
80) Fluoranthene	19.556	202	981951	22.299	ng/ul	99
82) Pyrene	19.921	202	2083860	45.831	ng/ul	97
83) Butylbenzylphthalate	20.780	149	567212m	28.612	ng/ul	
85) Benzo(a)anthracene	21.639	228	148416m	3.333	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.539	149	593585	19.815	ng/ul	95
87) Chrysene	21.698	228	614726m	14.830	ng/ul	
90) Benzo(b)fluoranthene	23.386	252	604403	11.715	ng/ul#	83
91) Benzo(k)fluoranthene	23.427	252	194898m	3.916	ng/ul	
93) Benzo(a)pyrene	24.039	252	183092	4.092	ng/ul#	60
94) Indeno(1,2,3-cd)pyrene	26.780	276	226618	4.505	ng/ul	97
95) Dibenzo(a,h)anthracene	26.791	278	46072	1.006	ng/ul#	31
96) Benzo(g,h,i)perylene	27.579	276	182771	4.164	ng/ul#	92

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

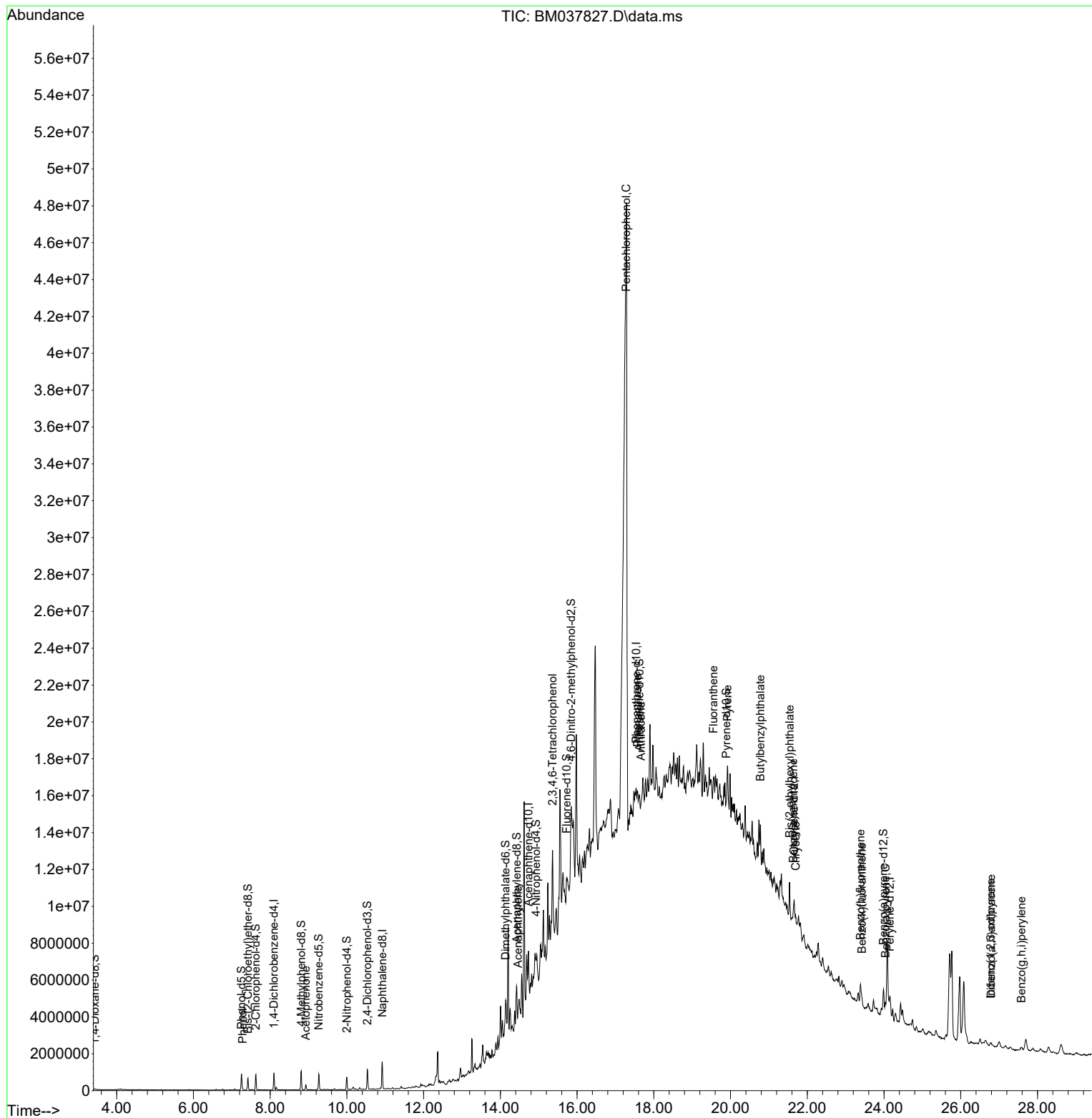
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
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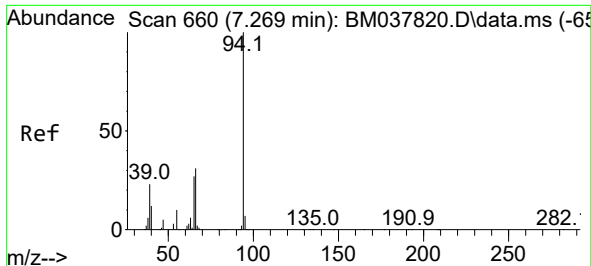
Instrument :
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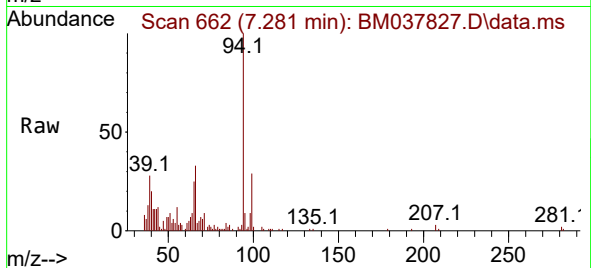
Quant Time: Dec 02 21:48:04 2022
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#8
Phenol
Concen: 1.692 ng/ul
RT: 7.281 min Scan# 660
Delta R.T. 0.006 min
Lab File: BM037827.D
Acq: 02 Dec 2022 13:56

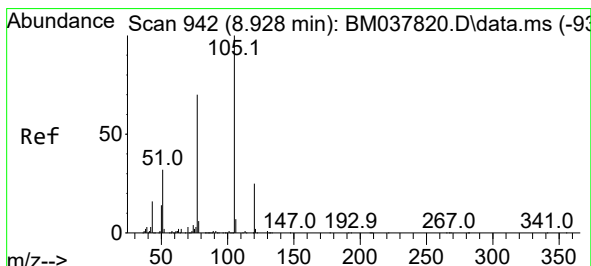
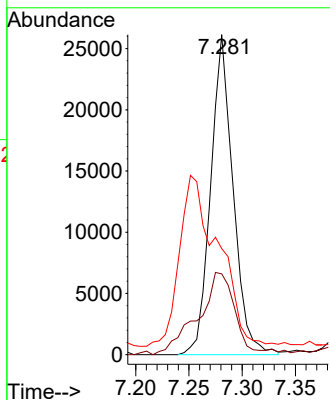
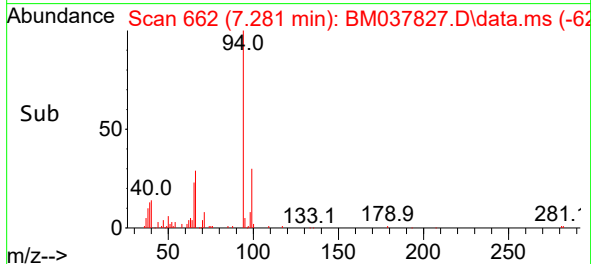
Instrument :
BNA_M
ClientSampleId :
GBNJ6



Tgt Ion: 94 Resp: 3826
Ion Ratio Lower Upper
94 100
65 25.3 21.1 31.7
66 33.1 25.2 37.8

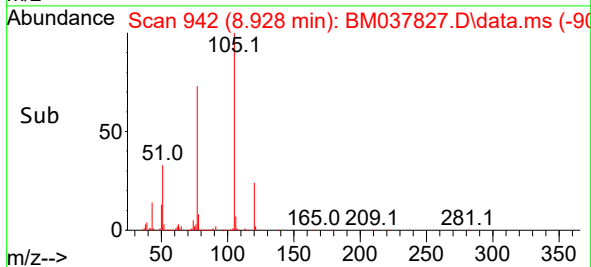
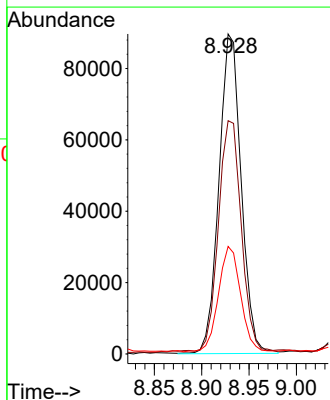
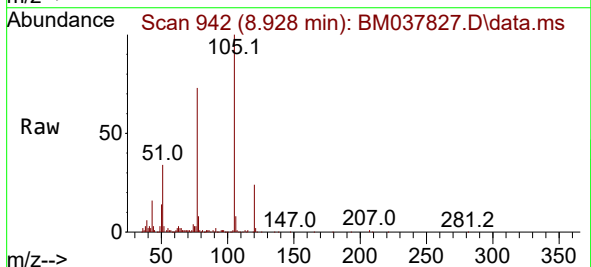
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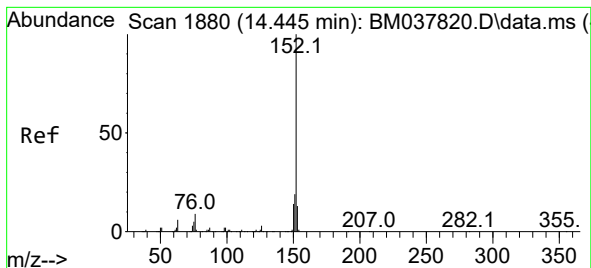
Reviewed By :Jagrut Upadhyay 12/06/2022
Supervised By :mohammad ahmed 12/08/2022



#16
Acetophenone
Concen: 5.268 ng/ul
RT: 8.928 min Scan# 942
Delta R.T. -0.000 min
Lab File: BM037827.D
Acq: 02 Dec 2022 13:56

Tgt Ion:105 Resp: 146236
Ion Ratio Lower Upper
105 100
77 72.9 59.0 88.4
51 33.6 24.4 36.6





#50

Acenaphthylene

Concen: 1.505 ng/ul

RT: 14.457 min Scan# 1882

Delta R.T. 0.006 min

Lab File: BM037827.D

Acq: 02 Dec 2022 13:56

Instrument :

BNA_M

ClientSampleId :

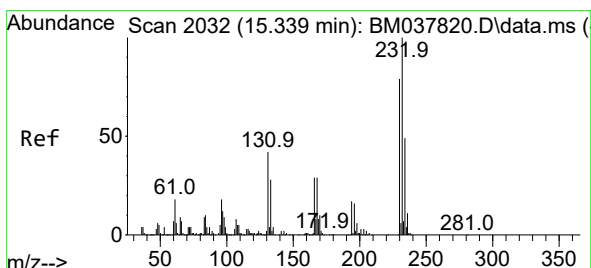
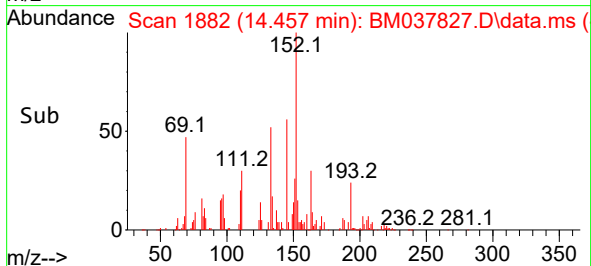
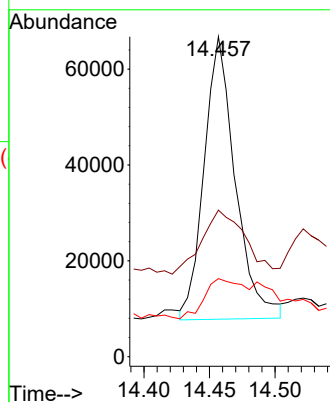
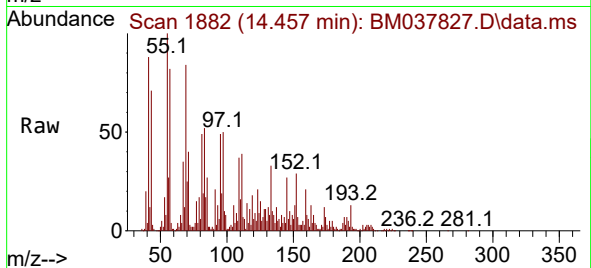
GBNJ6

Tgt Ion:152 Resp: 97435
 Ion Ratio Lower Upper
 152 100
 151 45.8 15.8 23.6
 153 24.4 10.6 15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 92.632 ng/ul

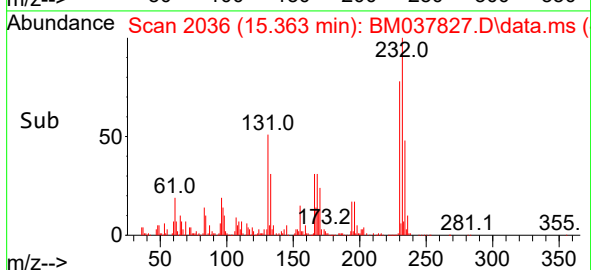
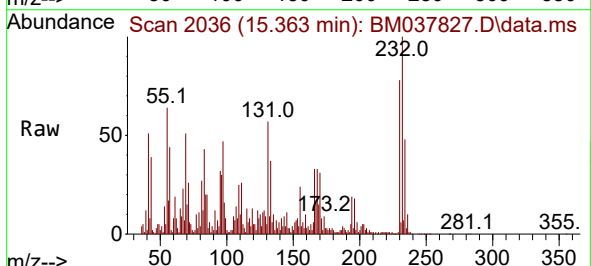
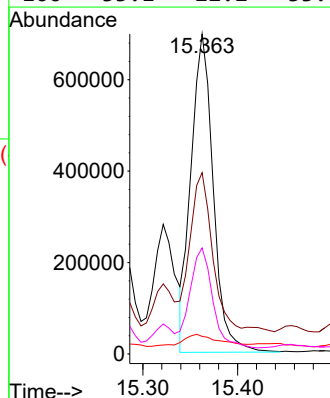
RT: 15.363 min Scan# 2036

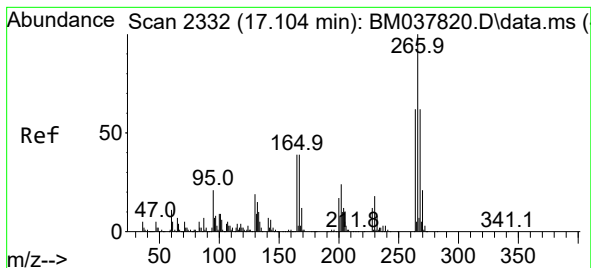
Delta R.T. 0.017 min

Lab File: BM037827.D

Acq: 02 Dec 2022 13:56

Tgt Ion:232 Resp: 1134445
 Ion Ratio Lower Upper
 232 100
 131 56.7 32.7 49.1#
 130 5.5 1.8 2.6#
 166 33.1 22.2 33.4





#71

Pentachlorophenol

Concen: 7984.256 ng/ul m

RT: 17.280 min Scan# 2412

Delta R.T. 0.170 min

Lab File: BM037827.D

Acq: 02 Dec 2022 13:56

Instrument :

BNA_M

ClientSampleId :

GBNJ6

Tgt Ion:266 Resp:3926240

Ion Ratio Lower Upper

266 100

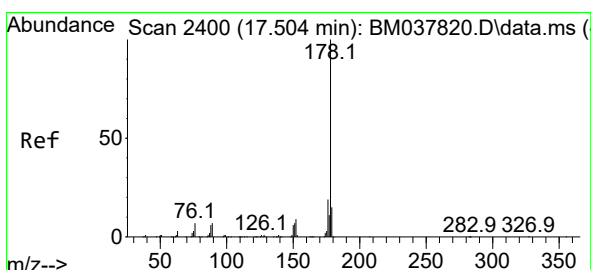
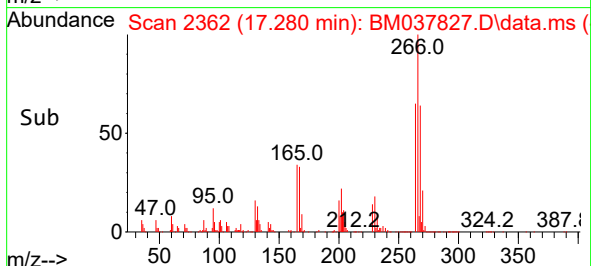
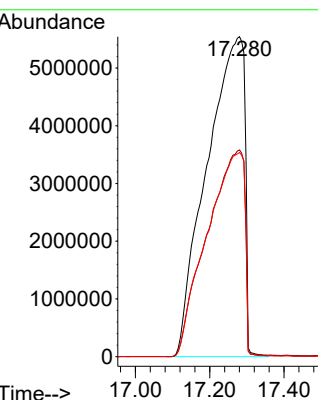
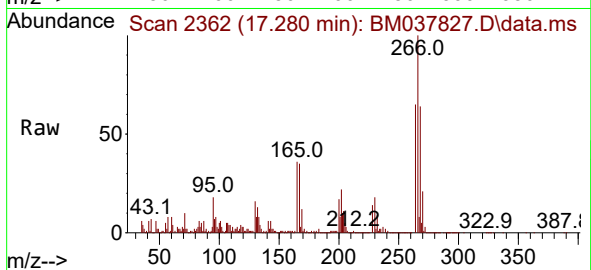
264 64.6 50.3 75.5

268 63.8 52.2 78.2

Manual Integrations

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#72

Phenanthrene

Concen: 13.706 ng/ul m

RT: 17.574 min Scan# 2412

Delta R.T. 0.070 min

Lab File: BM037827.D

Acq: 02 Dec 2022 13:56

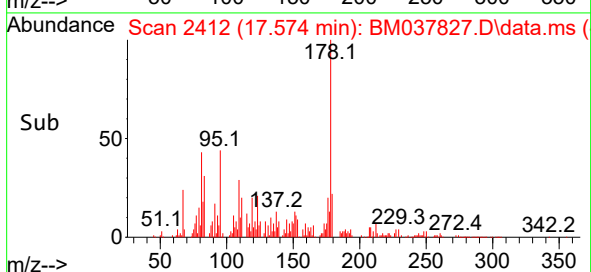
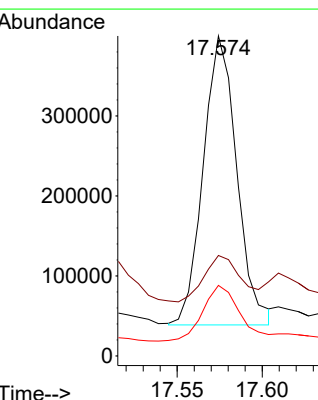
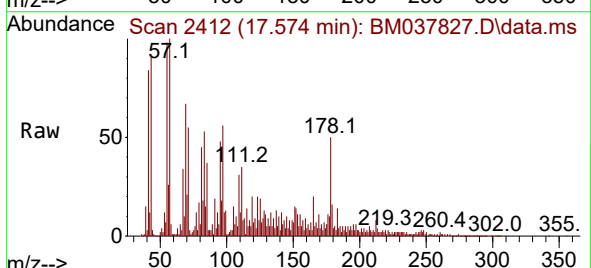
Tgt Ion:178 Resp: 495625

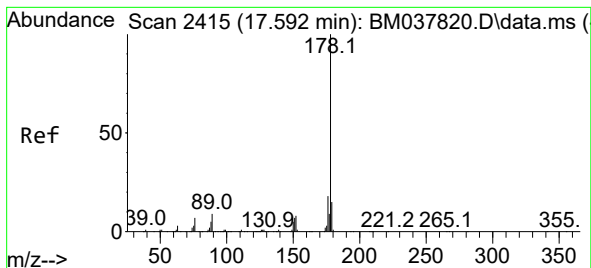
Ion Ratio Lower Upper

178 100

179 31.4 12.5 18.7#

176 22.1 15.3 22.9





#74

Anthracene

Concen: 2.861 ng/ul m

RT: 17.662 min Scan# 2415

Delta R.T. 0.064 min

Lab File: BM037827.D

Acq: 02 Dec 2022 13:56

Instrument :

BNA_M

ClientSampleId :

GBNJ6

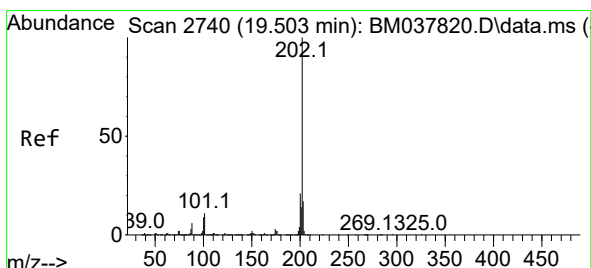
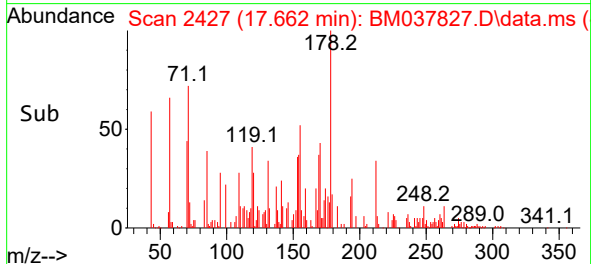
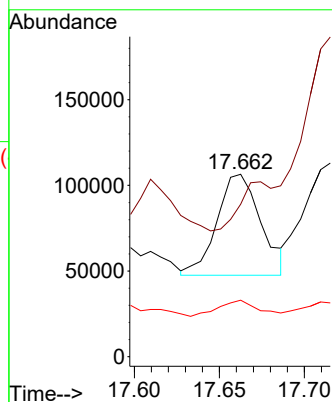
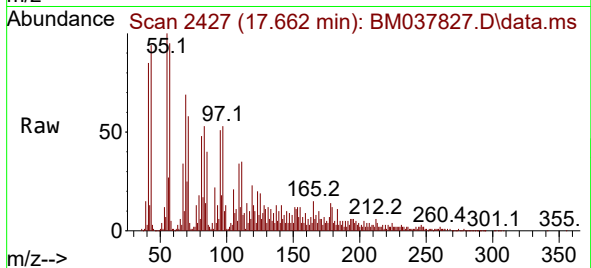
Tgt Ion:178 Resp: 105550

Ion	Ratio	Lower	Upper
178	100		
179	83.6	12.2	18.4
176	31.0	14.8	22.2

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Supervised By :mohammad ahmed 12/08/2022



#80

Fluoranthene

Concen: 22.299 ng/ul

RT: 19.556 min Scan# 2749

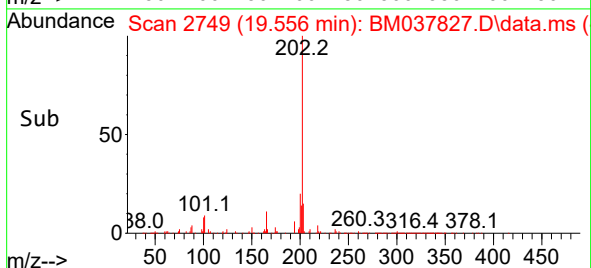
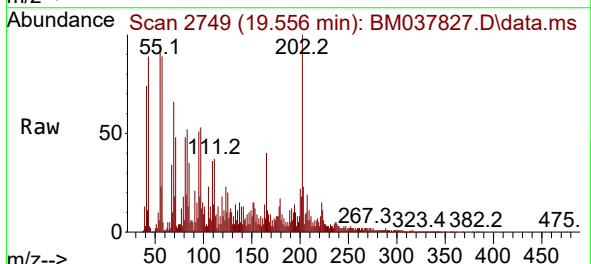
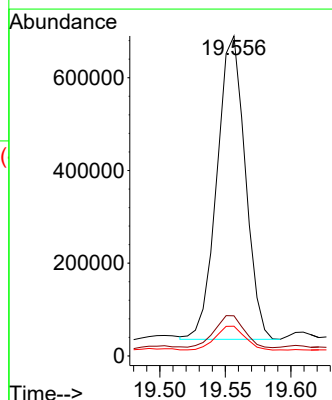
Delta R.T. 0.047 min

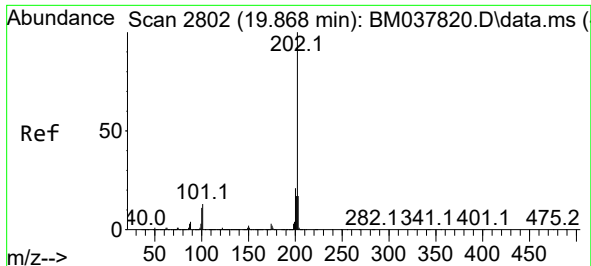
Lab File: BM037827.D

Acq: 02 Dec 2022 13:56

Tgt Ion:202 Resp: 981951

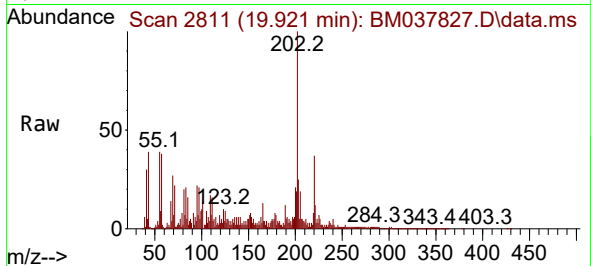
Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.7	14.5
100	9.3	7.7	11.5





#82
Pyrene
Concen: 45.831 ng/ul
RT: 19.921 min Scan# 21
Delta R.T. 0.047 min
Lab File: BM037827.D
Acq: 02 Dec 2022 13:56

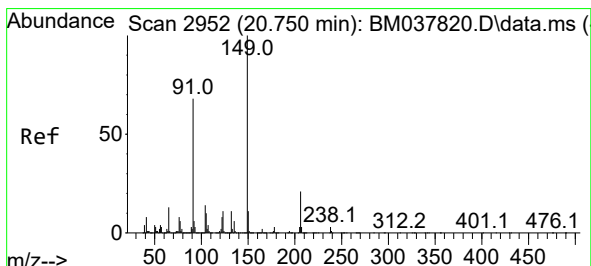
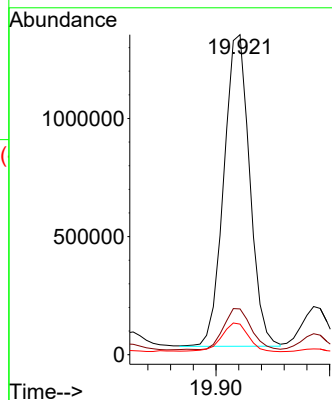
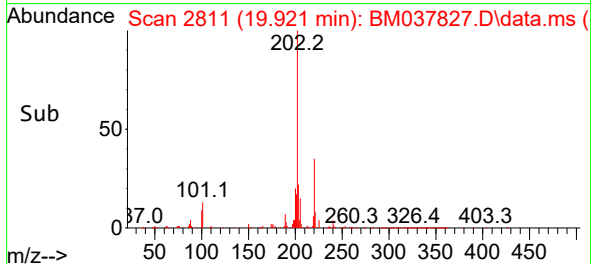
Instrument :
BNA_M
ClientSampleId :
GBNJ6



Tgt Ion:202 Resp: 2083860
Ion Ratio Lower Upper
202 100
101 14.3 11.0 16.4
100 9.6 9.0 13.6

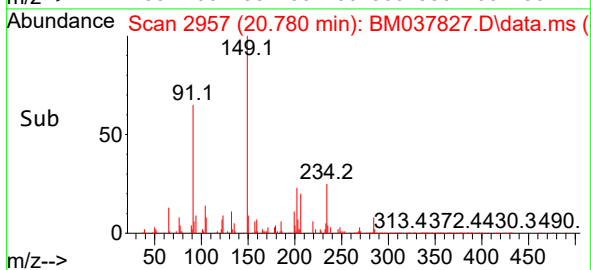
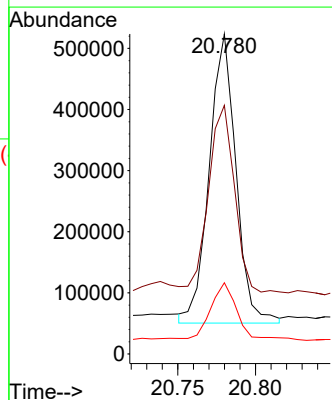
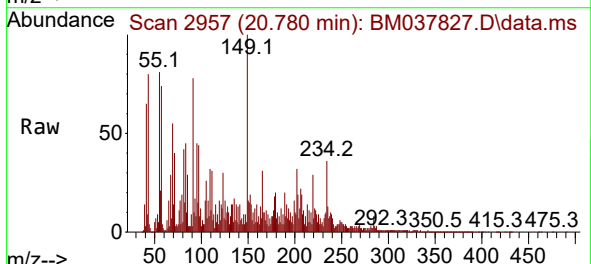
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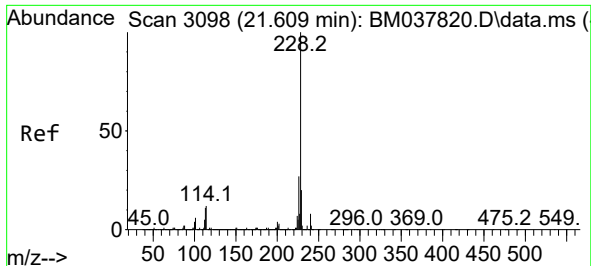
Reviewed By :Jagrut Upadhyay 12/06/2022
Supervised By :mohammad ahmed 12/08/2022



#83
Butylbenzylphthalate
Concen: 28.612 ng/ul m
RT: 20.780 min Scan# 2957
Delta R.T. 0.023 min
Lab File: BM037827.D
Acq: 02 Dec 2022 13:56

Tgt Ion:149 Resp: 567212
Ion Ratio Lower Upper
149 100
91 77.7 51.7 77.5#
206 22.2 17.1 25.7





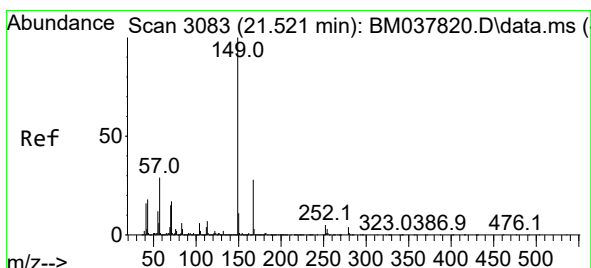
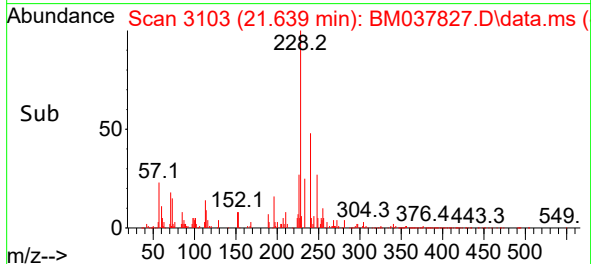
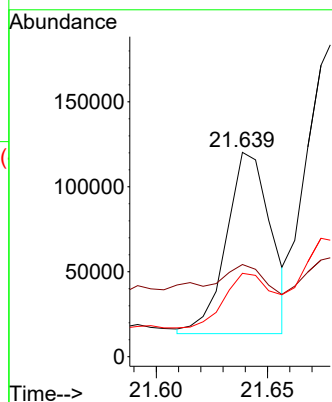
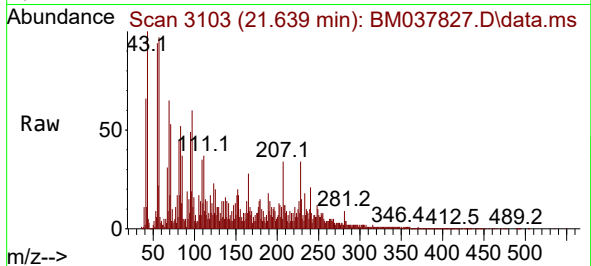
#85
Benzo(a)anthracene
Concen: 3.333 ng/ul m
RT: 21.639 min Scan# 3103
Delta R.T. 0.023 min
Lab File: BM037827.D
Acq: 02 Dec 2022 13:56

Instrument :
BNA_M
ClientSampleId :
GBNJ6

Tgt Ion:228 Resp: 148410
Ion Ratio Lower Upper
228 100
229 45.1 16.2 24.2
226 40.8 22.3 33.5

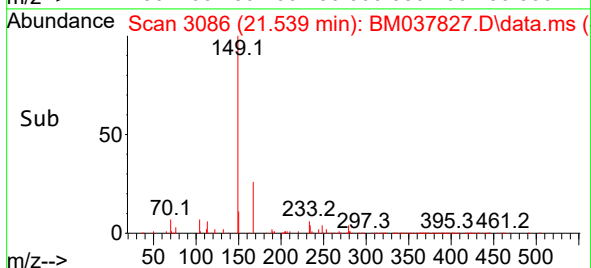
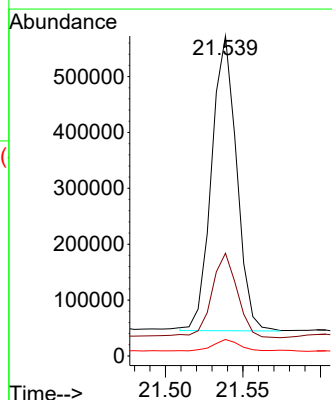
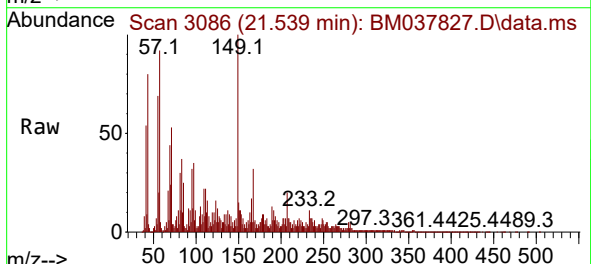
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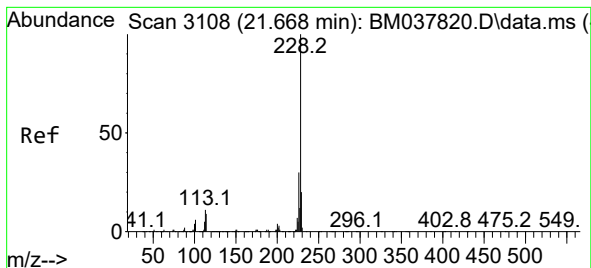
Reviewed By :Jagrut Upadhyay 12/06/2022
Supervised By :mohammad ahmed 12/08/2022



#86
Bis(2-ethylhexyl)phthalate
Concen: 19.815 ng/ul
RT: 21.539 min Scan# 3086
Delta R.T. 0.011 min
Lab File: BM037827.D
Acq: 02 Dec 2022 13:56

Tgt Ion:149 Resp: 593585
Ion Ratio Lower Upper
149 100
167 32.1 23.3 34.9
279 5.2 3.6 5.4





#87

Chrysene

Concen: 14.830 ng/ul m

RT: 21.698 min Scan# 3113

Delta R.T. 0.023 min

Lab File: BM037827.D

Acq: 02 Dec 2022 13:56

Instrument :

BNA_M

ClientSampleId :

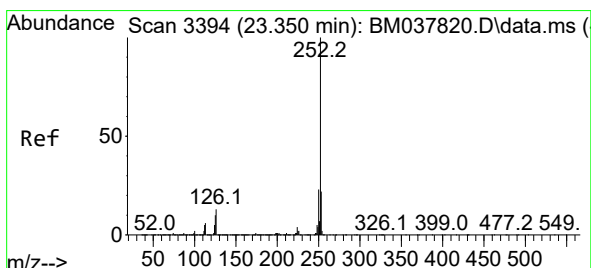
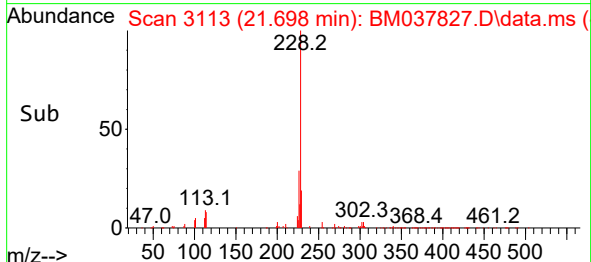
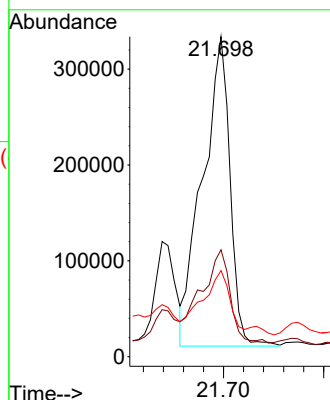
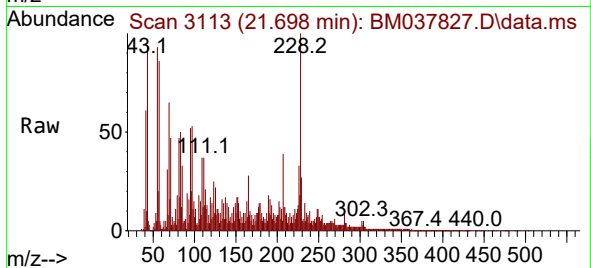
GBNJ6

Tgt Ion:	228	Resp:	614720
Ion Ratio	Lower	Upper	
228	100		
226	33.4	24.2	36.2
229	26.9	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2022
Supervised By :mohammad ahmed 12/08/2022



#90

Benzo(b)fluoranthene

Concen: 11.715 ng/ul

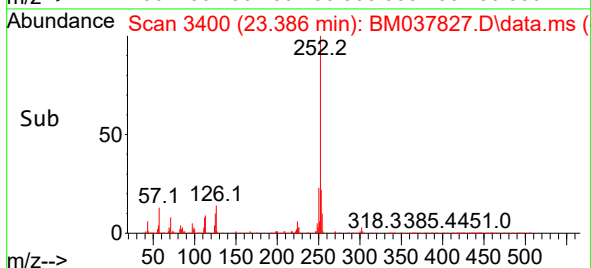
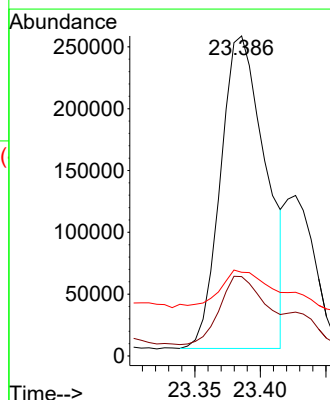
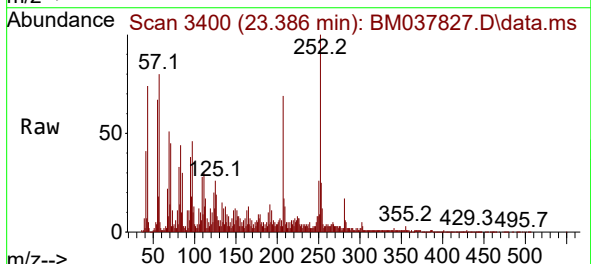
RT: 23.386 min Scan# 3400

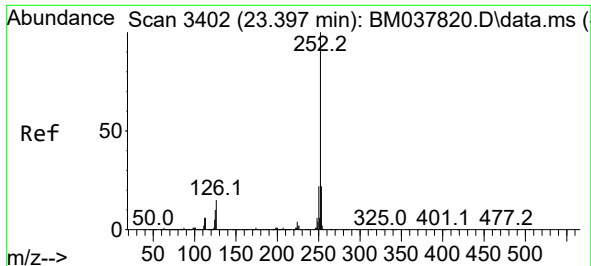
Delta R.T. 0.029 min

Lab File: BM037827.D

Acq: 02 Dec 2022 13:56

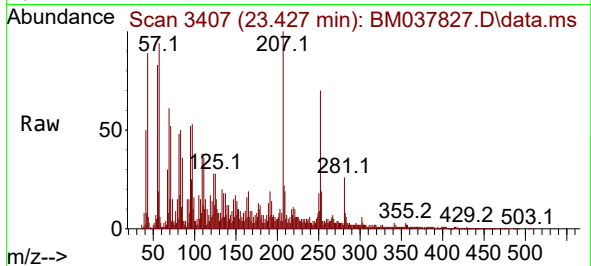
Tgt Ion:	252	Resp:	604403
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.7	26.5
125	26.2	9.3	13.9





#91
Benzo(k)fluoranthene
Concen: 3.916 ng/ul m
RT: 23.427 min Scan# 3402
Delta R.T. 0.017 min
Lab File: BM037827.D
Acq: 02 Dec 2022 13:56

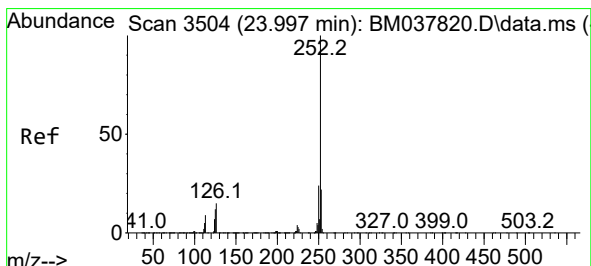
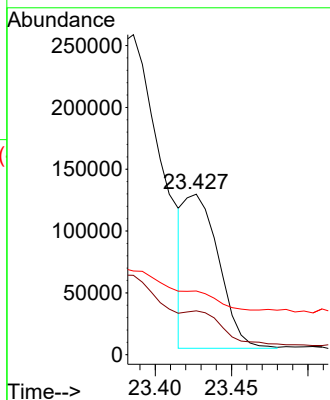
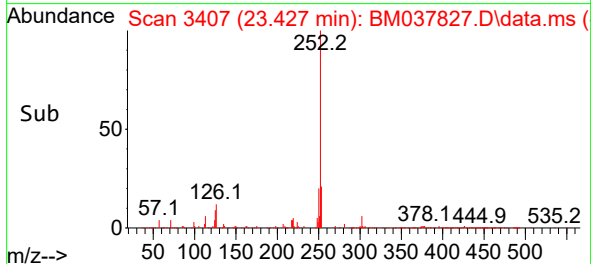
Instrument :
BNA_M
ClientSampleId :
GBNJ6



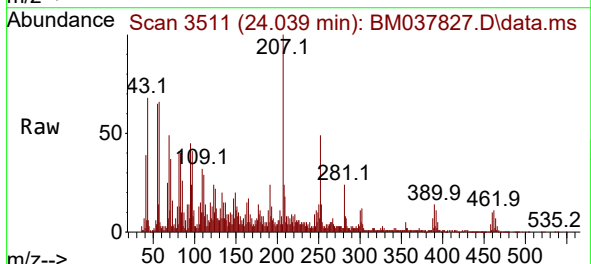
Tgt Ion:252 Resp: 194898
Ion Ratio Lower Upper
252 100
253 27.3 17.8 26.8#
125 39.6 9.3 13.9#

Manual Integrations
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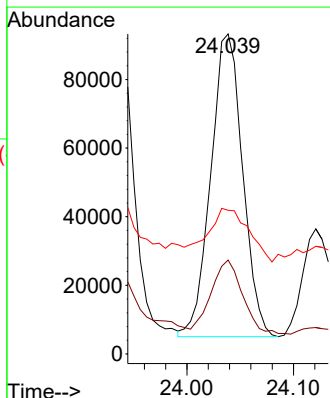
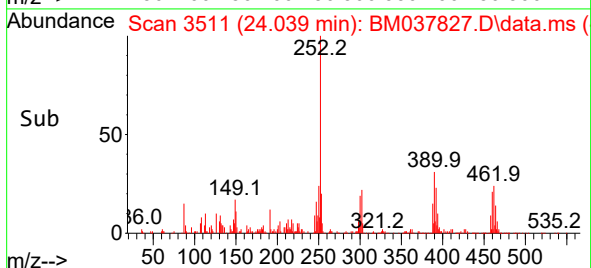
Reviewed By :Jagrut Upadhyay 12/06/2022
Supervised By :mohammad ahmed 12/08/2022

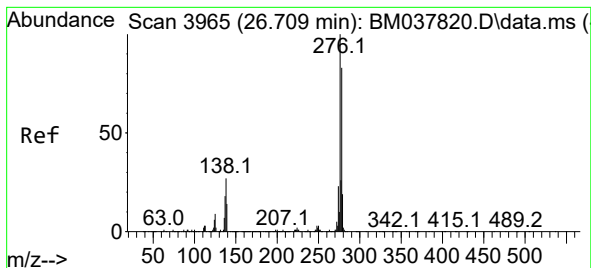


#93
Benzo(a)pyrene
Concen: 4.092 ng/ul
RT: 24.039 min Scan# 3511
Delta R.T. 0.029 min
Lab File: BM037827.D
Acq: 02 Dec 2022 13:56



Tgt Ion:252 Resp: 183092
Ion Ratio Lower Upper
252 100
253 29.4 17.4 26.2#
125 44.9 10.2 15.4#





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.505 ng/ul

RT: 26.780 min Scan# 3977

Delta R.T. 0.058 min

Lab File: BM037827.D

Acq: 02 Dec 2022 13:56

Instrument :

BNA_M

ClientSampleId :

GBNJ6

Tgt Ion:276 Resp: 226618

Ion Ratio Lower Upper

276 100

138 26.6 22.7 34.1

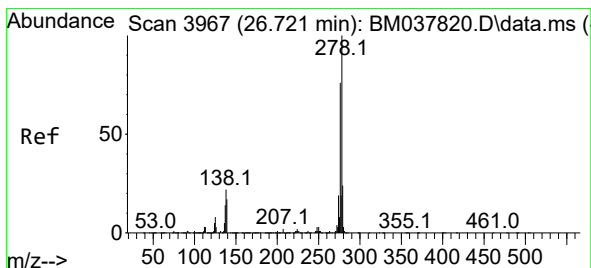
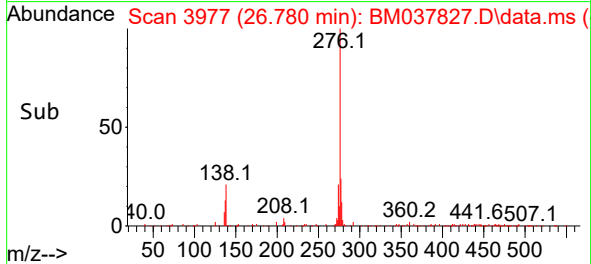
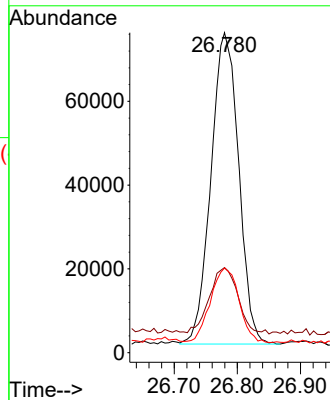
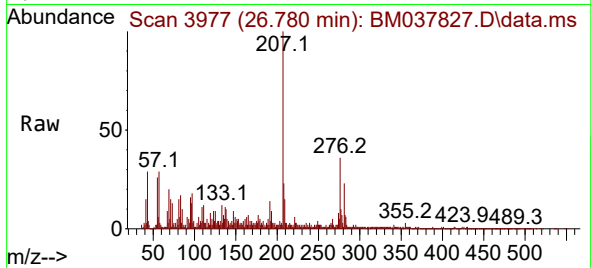
277 26.4 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2022

Supervised By :mohammad ahmed 12/08/2022



#95

Dibenzo(a,h)anthracene

Concen: 1.006 ng/ul

RT: 26.791 min Scan# 3979

Delta R.T. 0.053 min

Lab File: BM037827.D

Acq: 02 Dec 2022 13:56

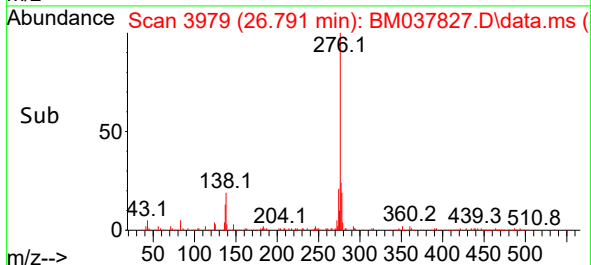
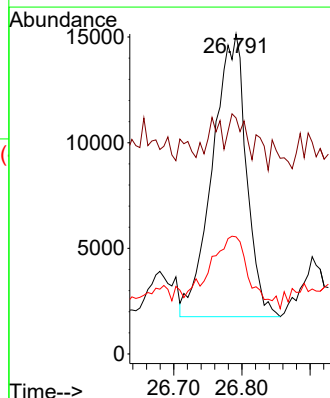
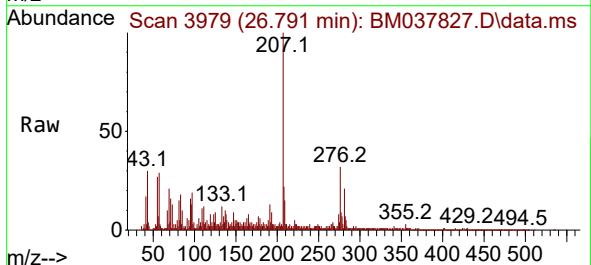
Tgt Ion:278 Resp: 46072

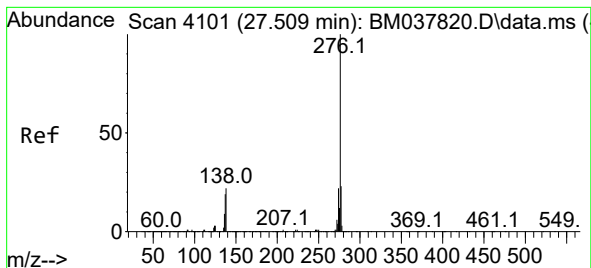
Ion Ratio Lower Upper

278 100

139 73.7 13.9 20.9#

279 36.6 19.0 28.6#





#96

Benzo(g,h,i)perylene

Concen: 4.164 ng/ul

RT: 27.579 min Scan# 4113

Delta R.T. 0.053 min

Lab File: BM037827.D

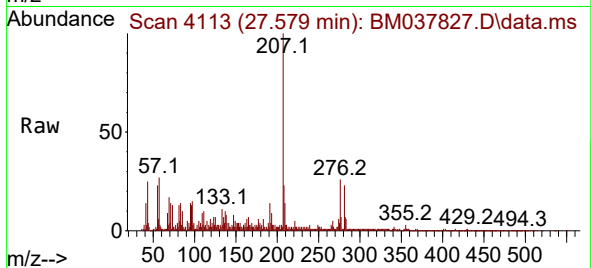
Acq: 02 Dec 2022 13:56

Instrument :

BNA_M

ClientSampleId :

GBNJ6



Tgt Ion:276 Resp: 18277

Ion Ratio Lower Upper

276 100

138 29.1 19.2 28.8

277 26.7 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2022

Supervised By :mohammad ahmed 12/08/2022

