

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037822.D
 Acq On : 02 Dec 2022 10:54
 Operator : CG/JU
 Sample : N5738-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNH8

Manual Integrations
 APPROVED

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

Quant Time: Dec 02 21:46:32 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	184709	20.000	ng/u1	0.00
20) Naphthalene-d8	10.916	136	862294	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.739	164	515226	20.000	ng/u1	# 0.01
64) Phenanthrene-d10	17.556	188	441170m	20.000	ng/u1	0.09
79) Chrysene-d12	21.668	240	499831m	20.000	ng/u1	0.03
88) Perylene-d12	24.162	264	593751	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	12624	3.207	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.245	99	361979	21.752	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	218879	22.544	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	294128	23.377	ng/u1	0.00
15) 4-Methylphenol-d8	8.798	113	286028	21.613	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	155700	22.731	ng/u1	0.00
24) 2-Nitrophenol-d4	9.992	143	166544	23.497	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.533	165	313802	23.872	ng/u1	0.00
31) 4-Chloroaniline-d4	11.028	131	50757	2.517	ng/u1	-0.02
46) Dimethylphthalate-d6	14.133	166	853398	24.121	ng/u1	0.00
49) Acenaphthylene-d8	14.427	160	1131628	26.300	ng/u1	0.00
54) 4-Nitrophenol-d4	14.933	143	177695m	24.198	ng/u1	0.02
60) Fluorene-d10	15.739	176	555010	17.291	ng/u1	0.03
65) 4,6-Dinitro-2-methylph...	15.857	200	53190	22.887	ng/u1	0.03
73) Anthracene-d10	17.645	188	553534m	27.283	ng/u1	0.08
81) Pyrene-d10	19.898	212	542883m	20.968	ng/u1	0.05
92) Benzo(a)pyrene-d12	23.997	264	794471	26.709	ng/u1	0.04
Target Compounds						
					Qvalue	
8) Phenol	7.275	94	34478	2.027	ng/u1#	84
16) Acetophenone	8.928	105	207056	9.919	ng/u1	98
50) Acenaphthylene	14.463	152	435255	9.124	ng/u1#	53
58) 2,3,4,6-Tetrachlorophenol	15.368	232	2055464	227.772	ng/u1#	67
71) Pentachlorophenol	17.298	266	44436357m	13666.084	ng/u1	
72) Phenanthrene	17.598	178	3732399m	156.101	ng/u1	
74) Anthracene	17.680	178	159713m	6.548	ng/u1	
77) Carbazole	17.927	167	409448m	18.241	ng/u1	
80) Fluoranthene	19.574	202	5790636m	183.106	ng/u1	
82) Pyrene	19.939	202	5738733m	175.748	ng/u1	
83) Butylbenzylphthalate	20.786	149	726749	51.046	ng/u1	87
85) Benzo(a)anthracene	21.650	228	367010m	11.476	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.544	149	621580	28.894	ng/u1	94
87) Chrysene	21.709	228	2644555	88.838	ng/u1	98
90) Benzo(b)fluoranthene	23.403	252	3197154	83.847	ng/u1#	91
91) Benzo(k)fluoranthene	23.444	252	1013581m	27.555	ng/u1	
93) Benzo(a)pyrene	24.050	252	825837	24.975	ng/u1#	72
94) Indeno(1,2,3-cd)pyrene	26.803	276	1364326	36.700	ng/u1	96
95) Dibenzo(a,h)anthracene	26.797	278	227162	6.714	ng/u1#	62
96) Benzo(g,h,i)perylene	27.597	276	1069290	32.960	ng/u1	99

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

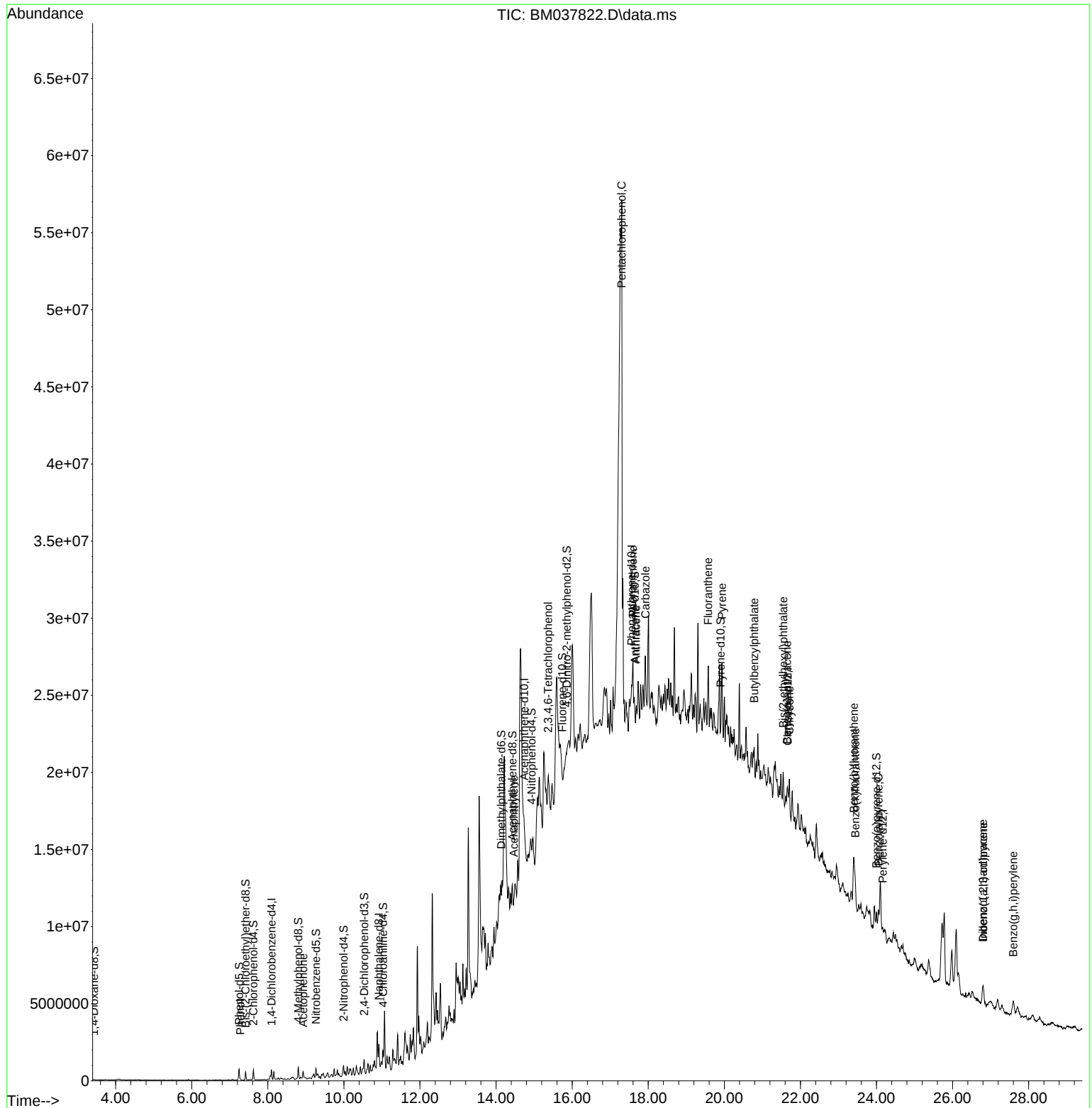
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037822.D
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 ALS Vial : 4 Sample Multiplier: 1

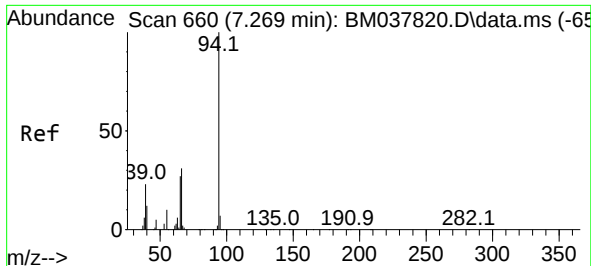
Instrument :
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 ClientSampleId :
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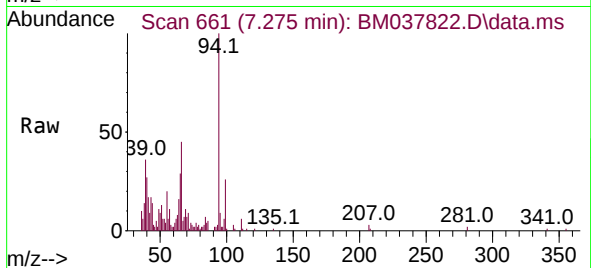
Quant Time: Dec 02 21:46:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 01:14:59 2022
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#8
Phenol
Concen: 2.027 ng/ul
RT: 7.275 min Scan# 661
Delta R.T. -0.000 min
Lab File: BM037822.D
Acq: 02 Dec 2022 10:54

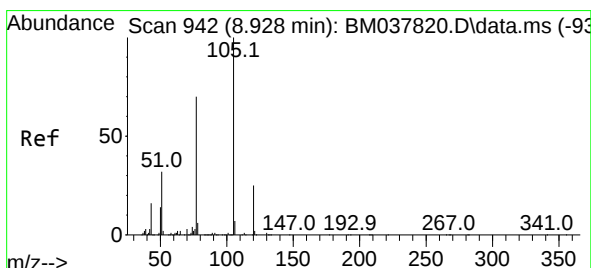
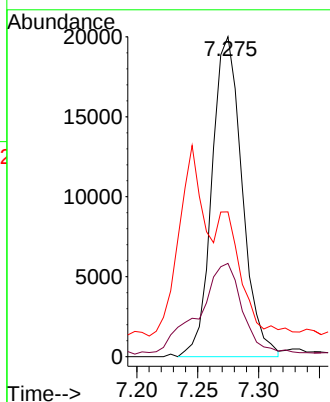
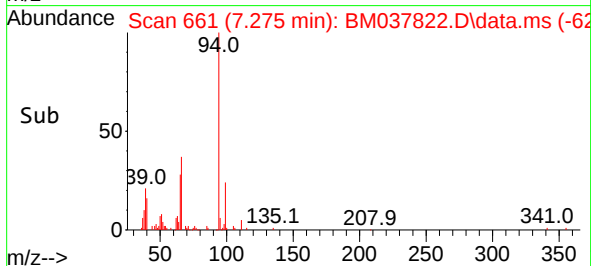
Instrument :
BNA_M
ClientSampleId :
GBNH8



Tgt Ion: 94 Resp: 34478
Ion Ratio Lower Upper
94 100
65 29.1 21.1 31.7
66 45.2 25.2 37.8

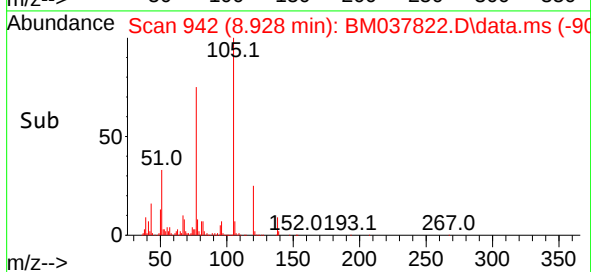
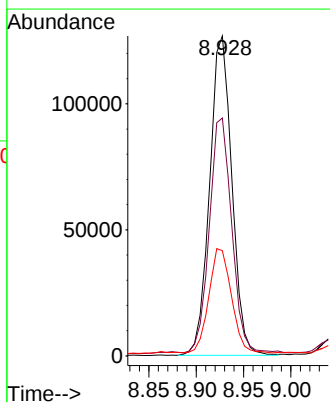
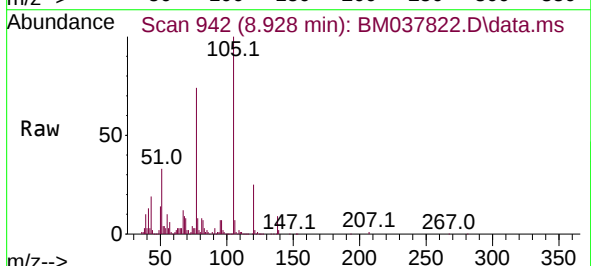
Manual Integrations
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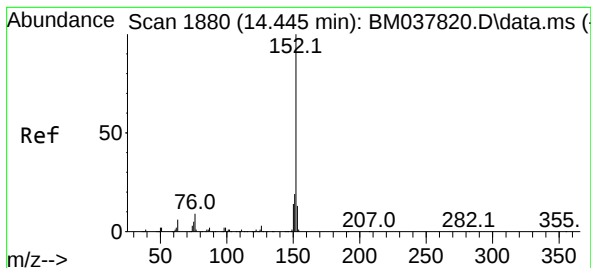
Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022



#16
Acetophenone
Concen: 9.919 ng/ul
RT: 8.928 min Scan# 942
Delta R.T. -0.000 min
Lab File: BM037822.D
Acq: 02 Dec 2022 10:54

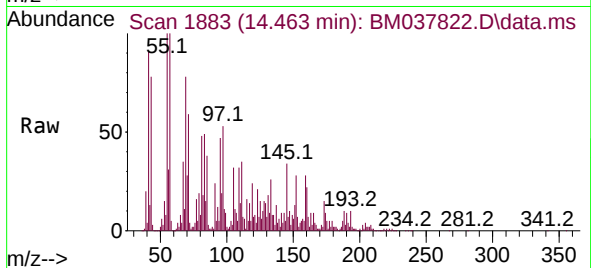
Tgt Ion:105 Resp: 207056
Ion Ratio Lower Upper
105 100
77 74.3 59.0 88.4
51 32.9 24.4 36.6





#50
Acenaphthylene
Concen: 9.124 ng/ul
RT: 14.463 min Scan# 1883
Delta R.T. 0.011 min
Lab File: BM037822.D
Acq: 02 Dec 2022 10:54

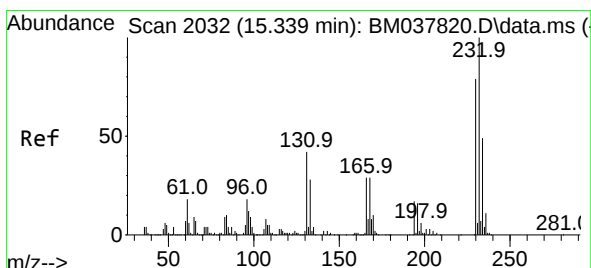
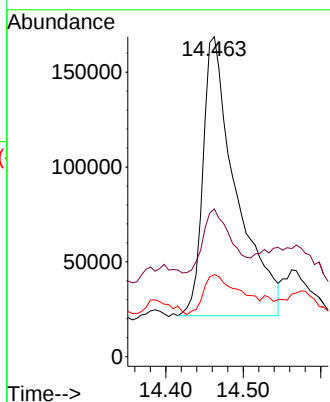
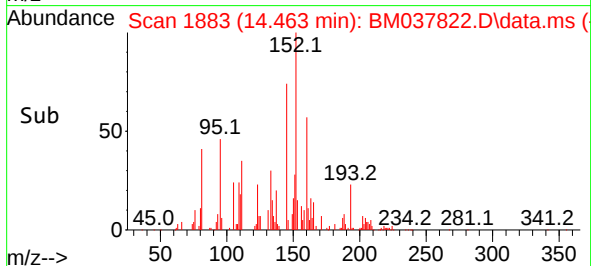
Instrument :
BNA_M
ClientSampleId :
GBNH8



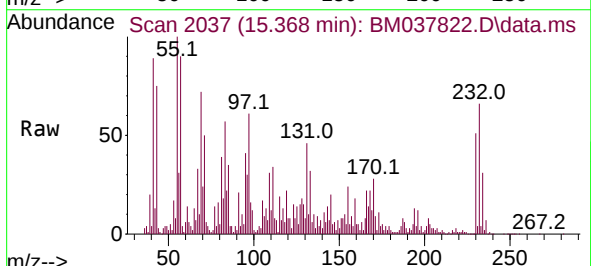
Tgt Ion:152 Resp: 435255
Ion Ratio Lower Upper
152 100
151 46.1 15.8 23.6#
153 25.6 10.6 15.8#

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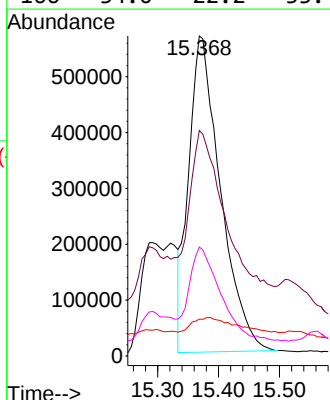
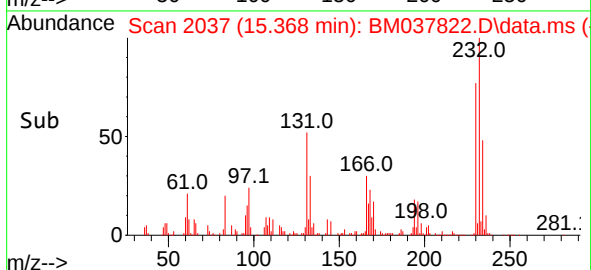
Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022

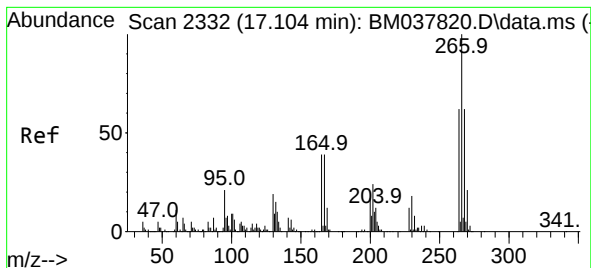


#58
2,3,4,6-Tetrachlorophenol
Concen: 227.772 ng/ul
RT: 15.368 min Scan# 2037
Delta R.T. 0.023 min
Lab File: BM037822.D
Acq: 02 Dec 2022 10:54



Tgt Ion:232 Resp: 2055464
Ion Ratio Lower Upper
232 100
131 70.4 32.7 49.1#
130 11.5 1.8 2.6#
166 34.0 22.2 33.4#





#71

Pentachlorophenol

Concen: 13666.084 ng/ul m

RT: 17.298 min Scan# 2416

Delta R.T. 0.188 min

Lab File: BM037822.D

Acq: 02 Dec 2022 10:54

Instrument :

BNA_M

ClientSampleId :

GBNH8

Tgt Ion:266 Resp:4443635

Ion Ratio Lower Upper

266 100

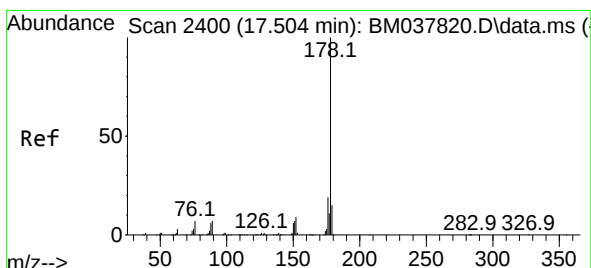
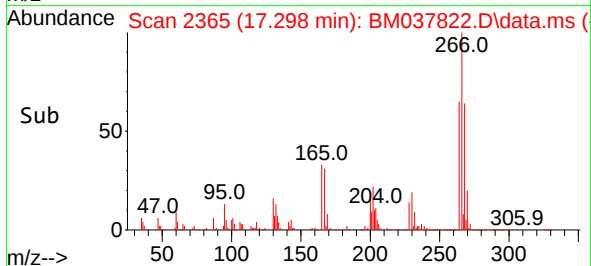
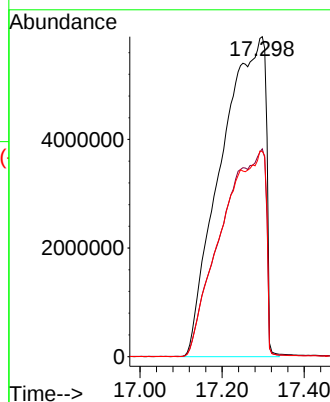
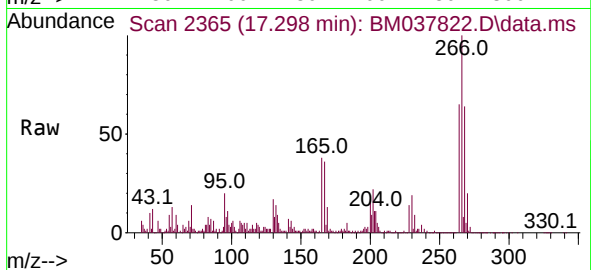
264 64.9 50.3 75.5

268 64.1 52.2 78.2

Manual Integrations

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#72

Phenanthrene

Concen: 156.101 ng/ul m

RT: 17.598 min Scan# 2416

Delta R.T. 0.094 min

Lab File: BM037822.D

Acq: 02 Dec 2022 10:54

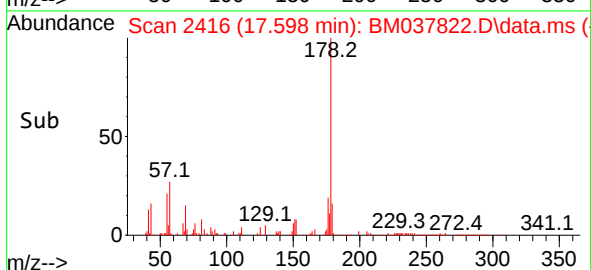
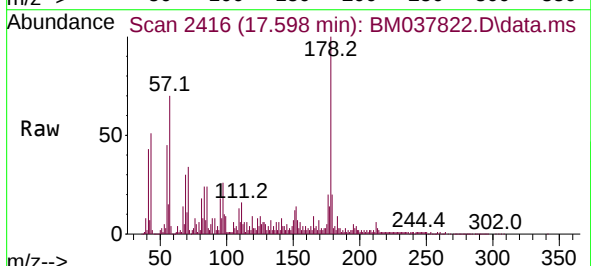
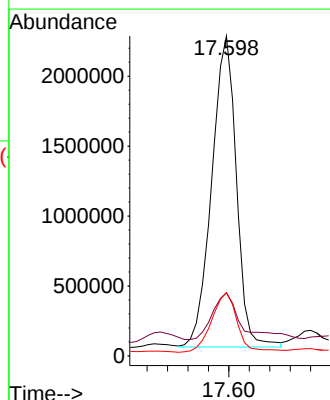
Tgt Ion:178 Resp: 3732399

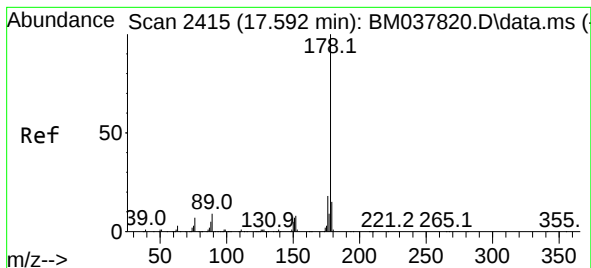
Ion Ratio Lower Upper

178 100

179 19.7 12.5 18.7#

176 19.8 15.3 22.9





#74

Anthracene

Concen: 6.548 ng/ul m

RT: 17.680 min Scan# 2415

Delta R.T. 0.082 min

Lab File: BM037822.D

Acq: 02 Dec 2022 10:54

Instrument :

BNA_M

ClientSampleId :

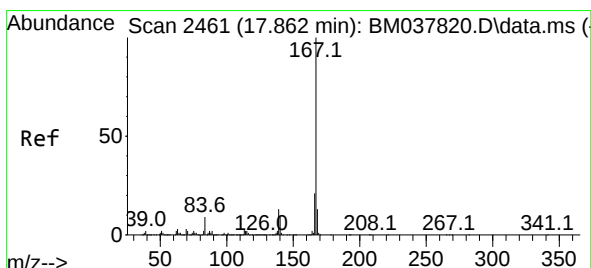
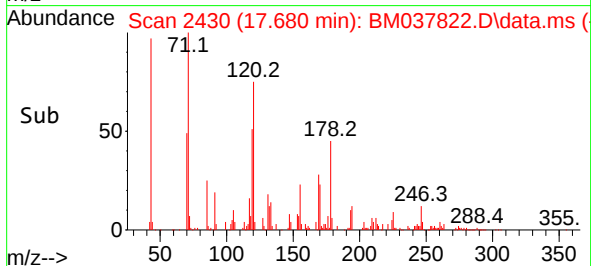
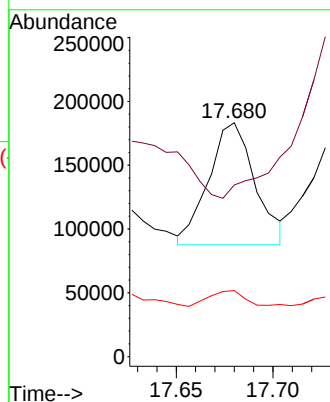
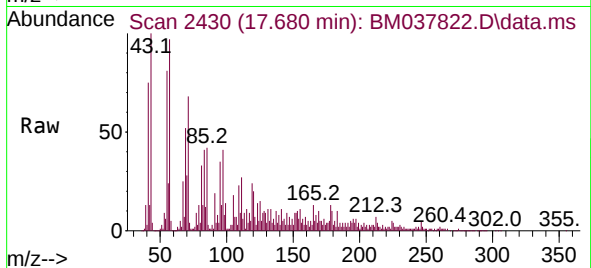
GBNH8

Tgt Ion:178	Resp: 159713
Ion Ratio	Lower Upper
178	100
179	73.4 12.2 18.4
176	28.3 14.8 22.2

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#77

Carbazole

Concen: 18.241 ng/ul m

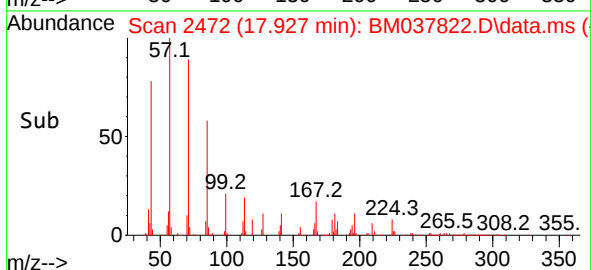
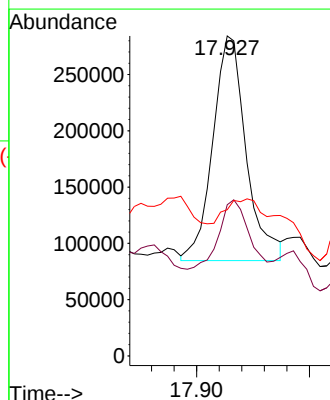
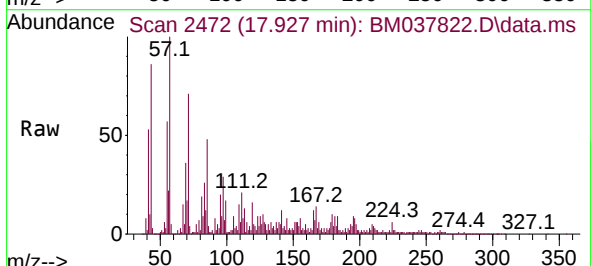
RT: 17.927 min Scan# 2472

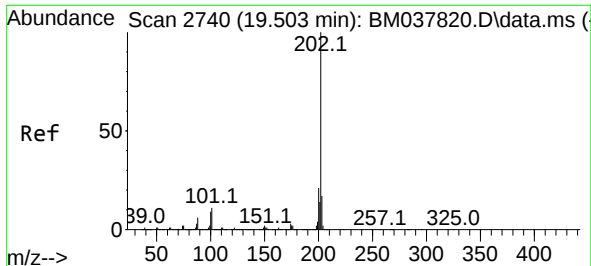
Delta R.T. 0.064 min

Lab File: BM037822.D

Acq: 02 Dec 2022 10:54

Tgt Ion:167	Resp: 409448
Ion Ratio	Lower Upper
167	100
166	47.2 17.2 25.8
139	45.7 10.0 15.0





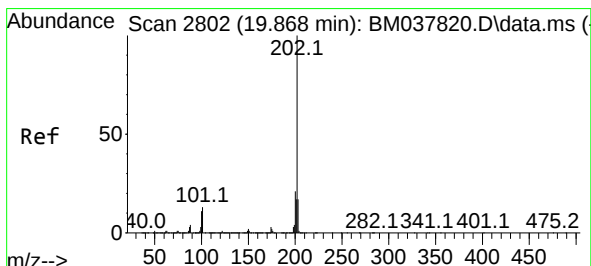
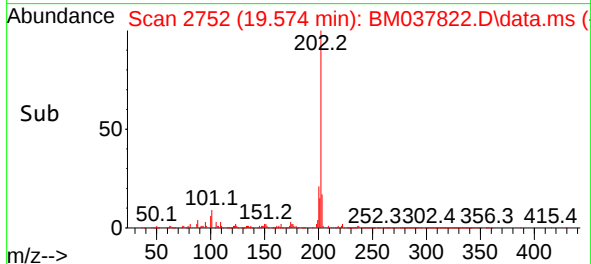
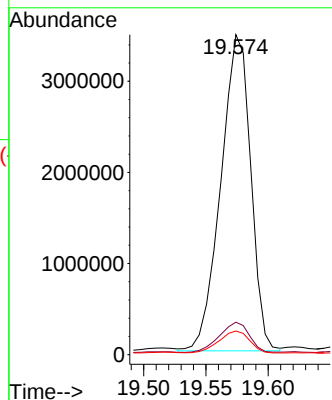
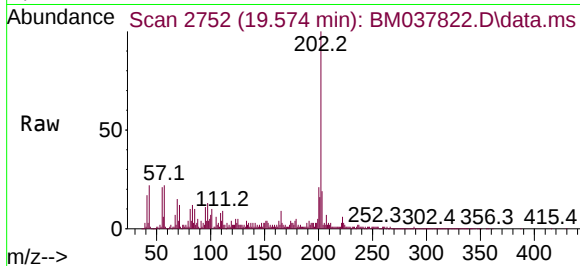
#80
Fluoranthene
Concen: 183.106 ng/ul m
RT: 19.574 min Scan# 21
Delta R.T. 0.064 min
Lab File: BM037822.D
Acq: 02 Dec 2022 10:54

Instrument :
BNA_M
ClientSampleId :
GBNH8

Tgt Ion:202 Resp: 5790636
Ion Ratio Lower Upper
202 100
101 10.1 9.7 14.5
100 7.4 7.7 11.5

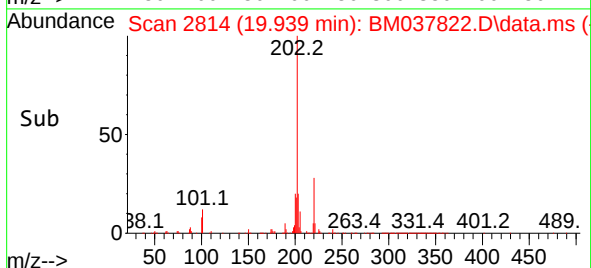
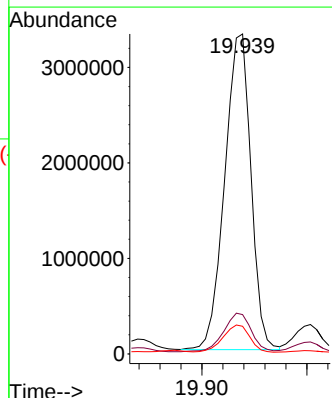
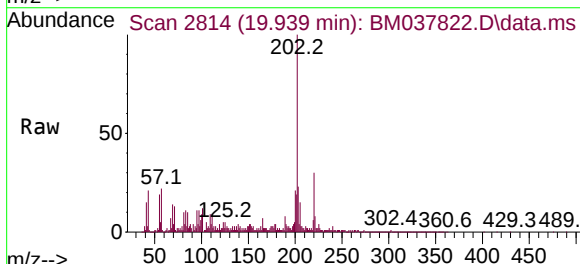
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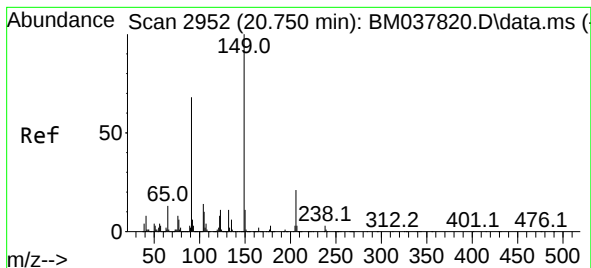
Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022



#82
Pyrene
Concen: 175.748 ng/ul m
RT: 19.939 min Scan# 2814
Delta R.T. 0.064 min
Lab File: BM037822.D
Acq: 02 Dec 2022 10:54

Tgt Ion:202 Resp: 5738733
Ion Ratio Lower Upper
202 100
101 12.3 11.0 16.4
100 8.6 9.0 13.6





#83

Butylbenzylphthalate

Concen: 51.046 ng/ul

RT: 20.786 min Scan# 29

Delta R.T. 0.029 min

Lab File: BM037822.D

Acq: 02 Dec 2022 10:54

Instrument :

BNA_M

ClientSampleId :

GBNH8

Tgt Ion:149 Resp: 726749

Ion Ratio Lower Upper

149 100

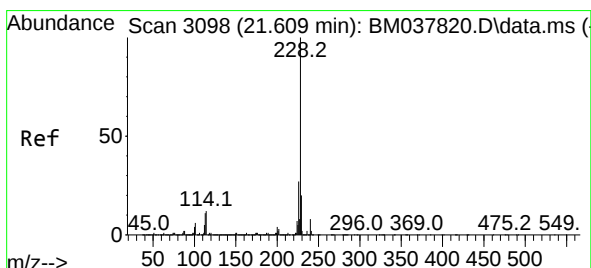
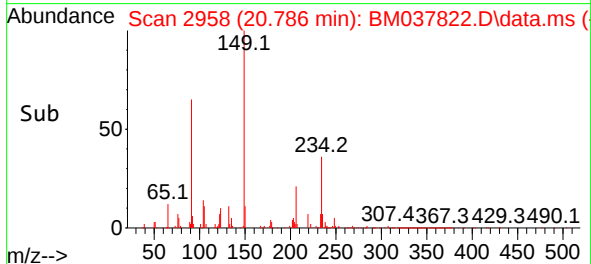
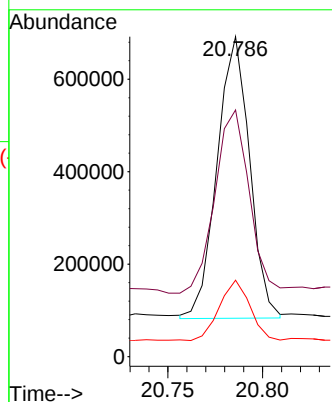
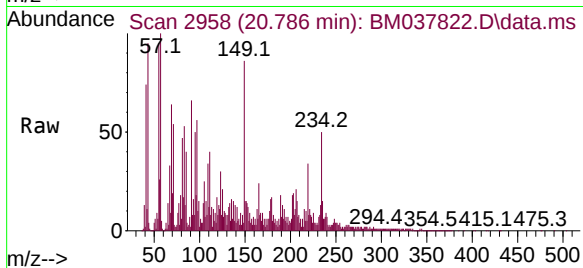
91 77.1 51.7 77.5

206 23.9 17.1 25.7

Manual Integrations

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Supervised By :mohammad ahmed 12/05/2022



#85

Benzo(a)anthracene

Concen: 11.476 ng/ul m

RT: 21.650 min Scan# 3105

Delta R.T. 0.035 min

Lab File: BM037822.D

Acq: 02 Dec 2022 10:54

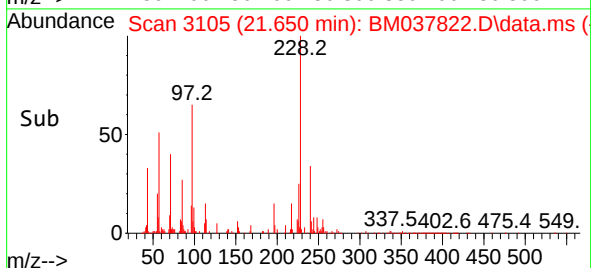
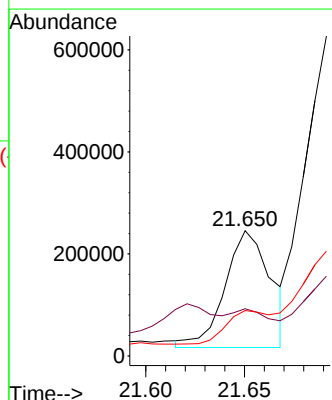
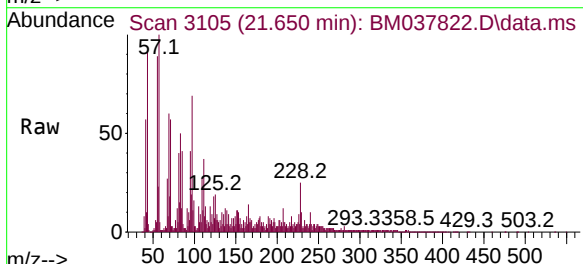
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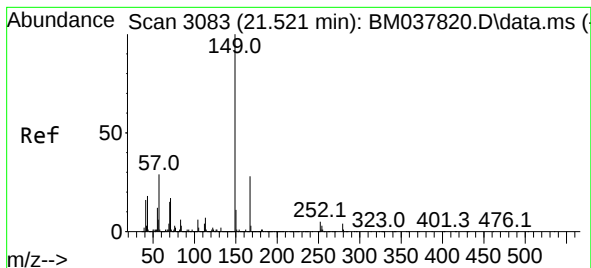
Ion Ratio Lower Upper

228 100

229 37.7 16.2 24.2#

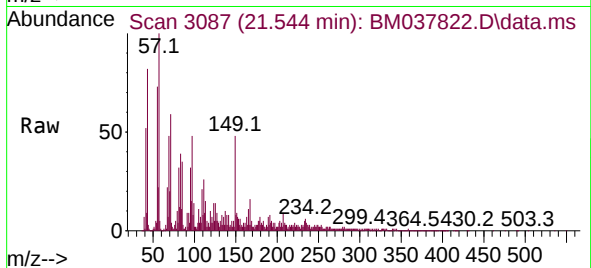
226 36.2 22.3 33.5#





#86
Bis(2-ethylhexyl)phthalate
Concen: 28.894 ng/ul
RT: 21.544 min Scan# 3087
Delta R.T. 0.017 min
Lab File: BM037822.D
Acq: 02 Dec 2022 10:54

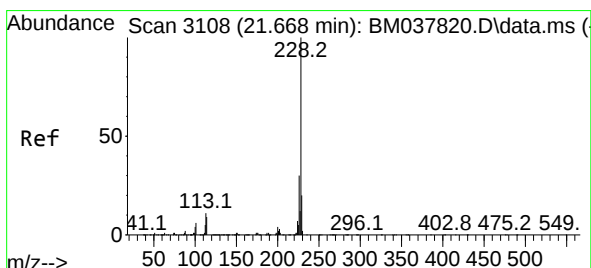
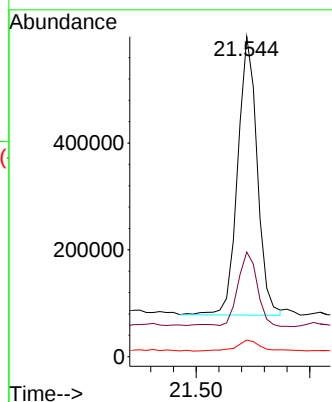
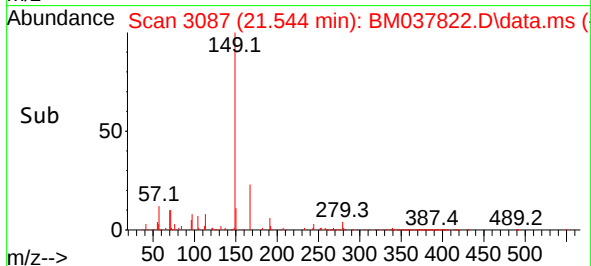
Instrument :
BNA_M
ClientSampleId :
GBNH8



Tgt Ion:149 Resp: 621580
Ion Ratio Lower Upper
149 100
167 32.7 23.3 34.9
279 5.2 3.6 5.4

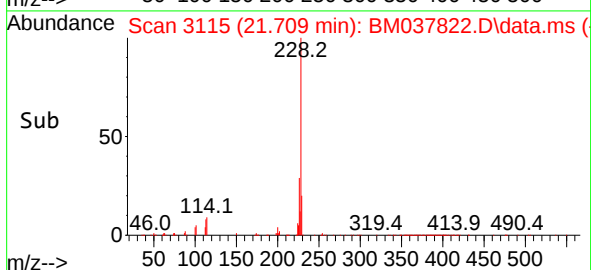
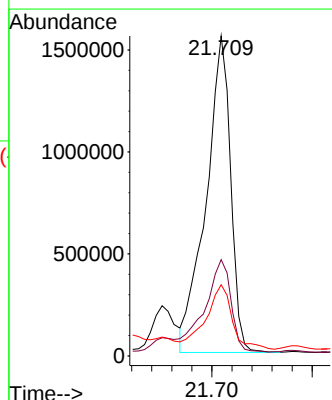
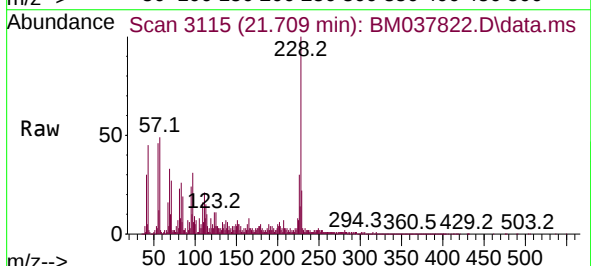
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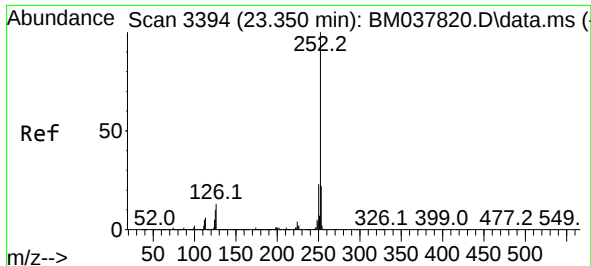
Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022



#87
Chrysene
Concen: 88.838 ng/ul
RT: 21.709 min Scan# 3115
Delta R.T. 0.035 min
Lab File: BM037822.D
Acq: 02 Dec 2022 10:54

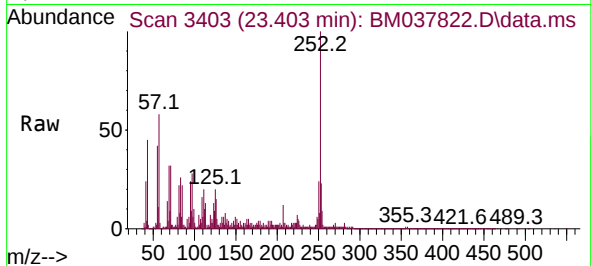
Tgt Ion:228 Resp: 2644555
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 22.2 15.8 23.6





#90
Benzo(b)fluoranthene
Concen: 83.847 ng/ul
RT: 23.403 min Scan# 3410
Delta R.T. 0.047 min
Lab File: BM037822.D
Acq: 02 Dec 2022 10:54

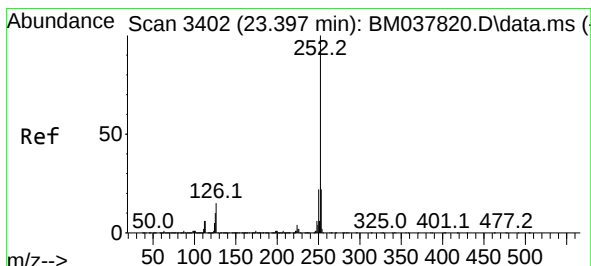
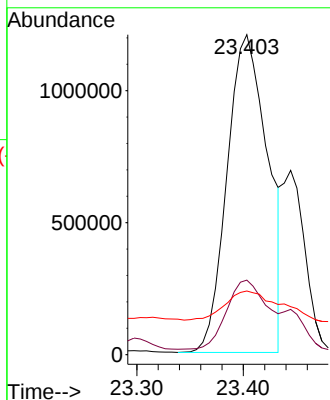
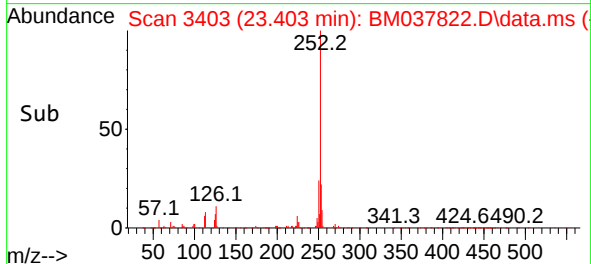
Instrument :
BNA_M
ClientSampleId :
GBNH8



Tgt Ion:252 Resp: 3197154
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 19.9 9.3 13.9

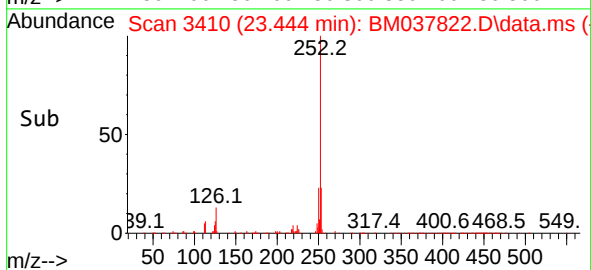
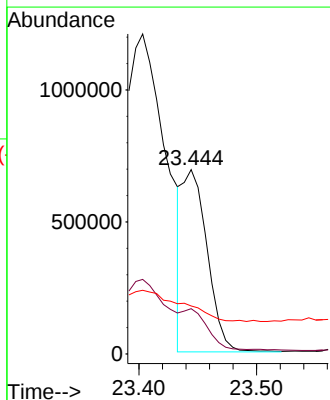
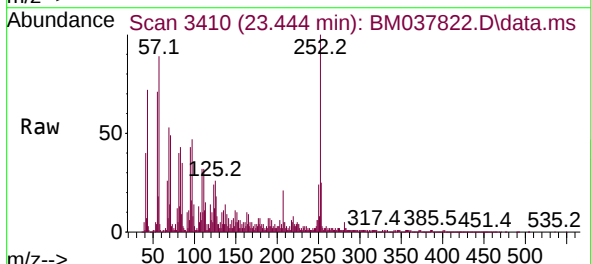
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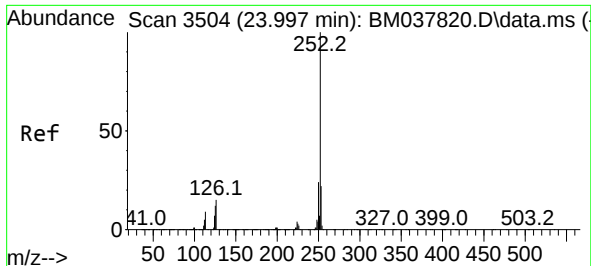
Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022



#91
Benzo(k)fluoranthene
Concen: 27.555 ng/ul m
RT: 23.444 min Scan# 3410
Delta R.T. 0.035 min
Lab File: BM037822.D
Acq: 02 Dec 2022 10:54

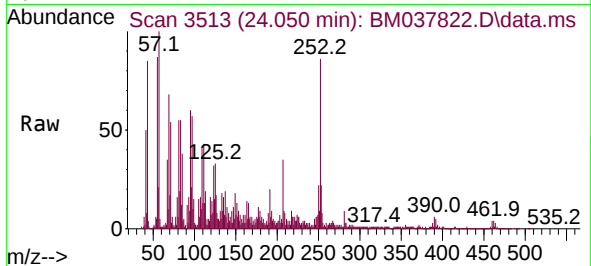
Tgt Ion:252 Resp: 1013581
Ion Ratio Lower Upper
252 100
253 24.6 17.8 26.8
125 26.1 9.3 13.9





#93
Benzo(a)pyrene
Concen: 24.975 ng/ul
RT: 24.050 min Scan# 31
Delta R.T. 0.041 min
Lab File: BM037822.D
Acq: 02 Dec 2022 10:54

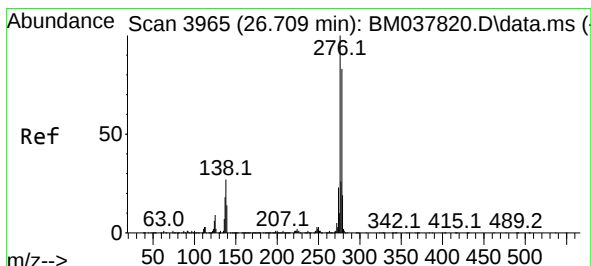
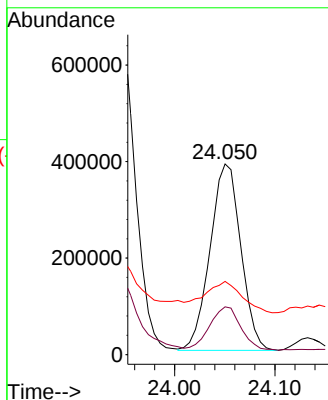
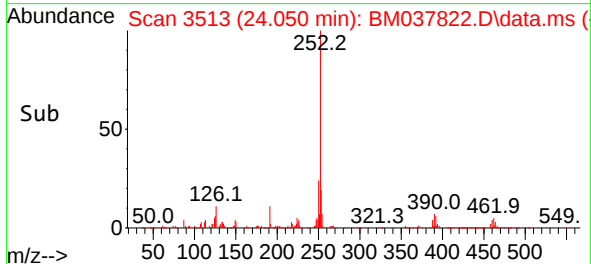
Instrument :
BNA_M
ClientSampleId :
GBNH8



Tgt Ion:252 Resp: 82583
Ion Ratio Lower Upper
252 100
253 25.1 17.4 26.2
125 38.4 10.2 15.4

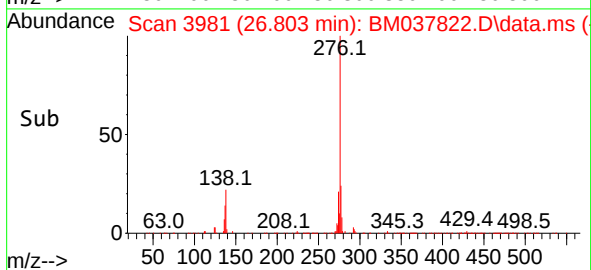
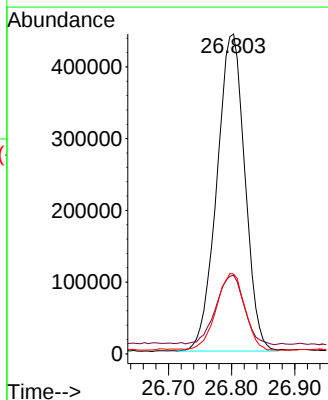
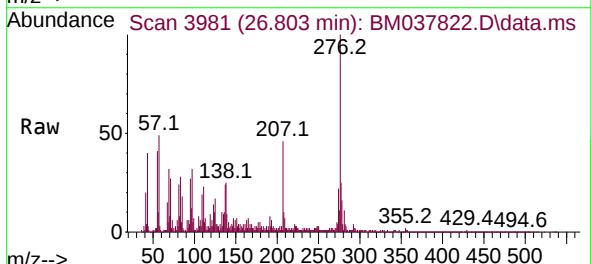
Manual Integrations
APPROVED

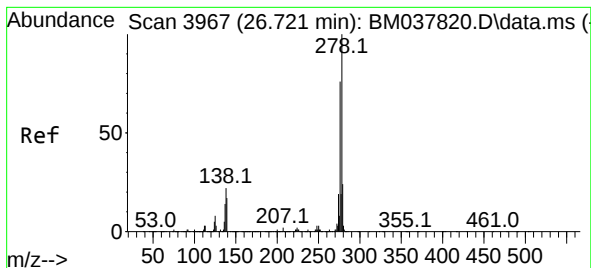
Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022



#94
Indeno(1,2,3-cd)pyrene
Concen: 36.700 ng/ul
RT: 26.803 min Scan# 3981
Delta R.T. 0.082 min
Lab File: BM037822.D
Acq: 02 Dec 2022 10:54

Tgt Ion:276 Resp: 1364326
Ion Ratio Lower Upper
276 100
138 24.6 22.7 34.1
277 25.0 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 6.714 ng/ul

RT: 26.797 min Scan# 3967

Delta R.T. 0.058 min

Lab File: BM037822.D

Acq: 02 Dec 2022 10:54

Instrument :

BNA_M

ClientSampleId :

GBNH8

Tgt Ion:278 Resp: 227162

Ion Ratio Lower Upper

278 100

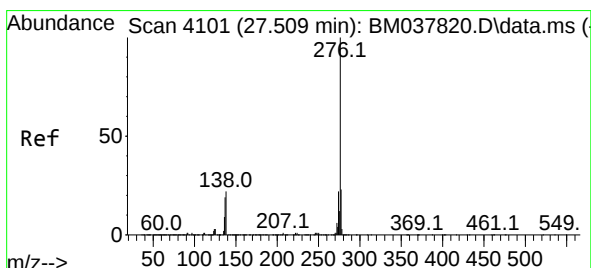
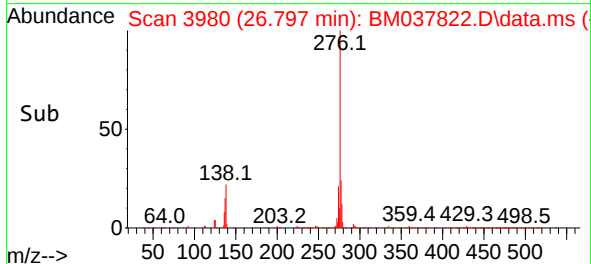
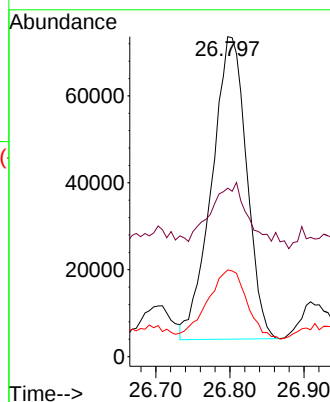
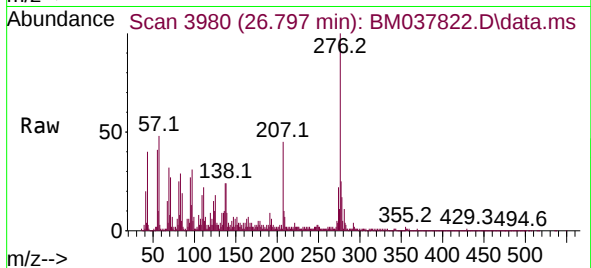
139 52.6 13.9 20.9

279 27.1 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: 32.960 ng/ul

RT: 27.597 min Scan# 4116

Delta R.T. 0.070 min

Lab File: BM037822.D

Acq: 02 Dec 2022 10:54

Tgt Ion:276 Resp: 1069290

Ion Ratio Lower Upper

276 100

138 24.6 19.2 28.8

277 24.4 19.1 28.7

