

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
 Data File : BP013161.D
 Acq On : 20 Dec 2022 11:56
 Operator : CG/JU
 Sample : N6003-11
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXQ2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2022
 Supervised By :mohammad ahmed 12/21/2022

Quant Time: Dec 20 21:45:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 19 21:43:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	500753	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	1911649	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	1112822	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	2311966	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	2441151	20.000	ng/u1	0.00
88) Perylene-d12	23.927	264	2979731	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	60873	5.198	ng/uL	0.00
4) Pyridine-d5	3.769	84	352941	10.609	ng/u1	0.00
7) Phenol-d5	7.116	99	2535353	62.160	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	727741	29.577	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	978486	30.474	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	843587	25.242	ng/u1	0.00
21) Nitrobenzene-d5	9.122	128	799779	56.942	ng/u1	0.00
24) 2-Nitrophenol-d4	9.846	143	521721	32.994	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	931788	30.338	ng/u1	0.00
31) 4-Chloroaniline-d4	10.904	131	600817	13.857	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	2630508	30.757	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	3044974	32.401	ng/u1	0.00
54) 4-Nitrophenol-d4	14.792	143	376755	24.490	ng/u1	0.00
60) Fluorene-d10	15.586	176	2291302	31.668	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	371378	24.962	ng/u1	0.00
73) Anthracene-d10	17.451	188	3344906	32.069	ng/u1	0.00
81) Pyrene-d10	19.686	212	4228939	30.180	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.762	264	4775705	32.155	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.316	152	397045	3.930	ng/u1	99
74) Anthracene	17.486	178	284367	2.365	ng/u1	98
80) Fluoranthene	19.357	202	1548347	9.736	ng/u1	99
82) Pyrene	19.710	202	1941552	11.835	ng/u1	100
85) Benzo(a)anthracene	21.421	228	3217016	19.851	ng/u1	99
87) Chrysene	21.480	228	3652260	23.832	ng/u1	99
90) Benzo(b)fluoranthene	23.168	252	7864311	41.389	ng/u1	98
91) Benzo(k)fluoranthene	23.210	252	2572633m	13.654	ng/u1	
93) Benzo(a)pyrene	23.815	252	3579038	21.633	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.515	276	3016290	14.636	ng/u1	96
95) Dibenzo(a,h)anthracene	26.521	278	719321	4.216	ng/u1#	86
96) Benzo(g,h,i)perylene	27.321	276	2424251	14.653	ng/u1	99

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

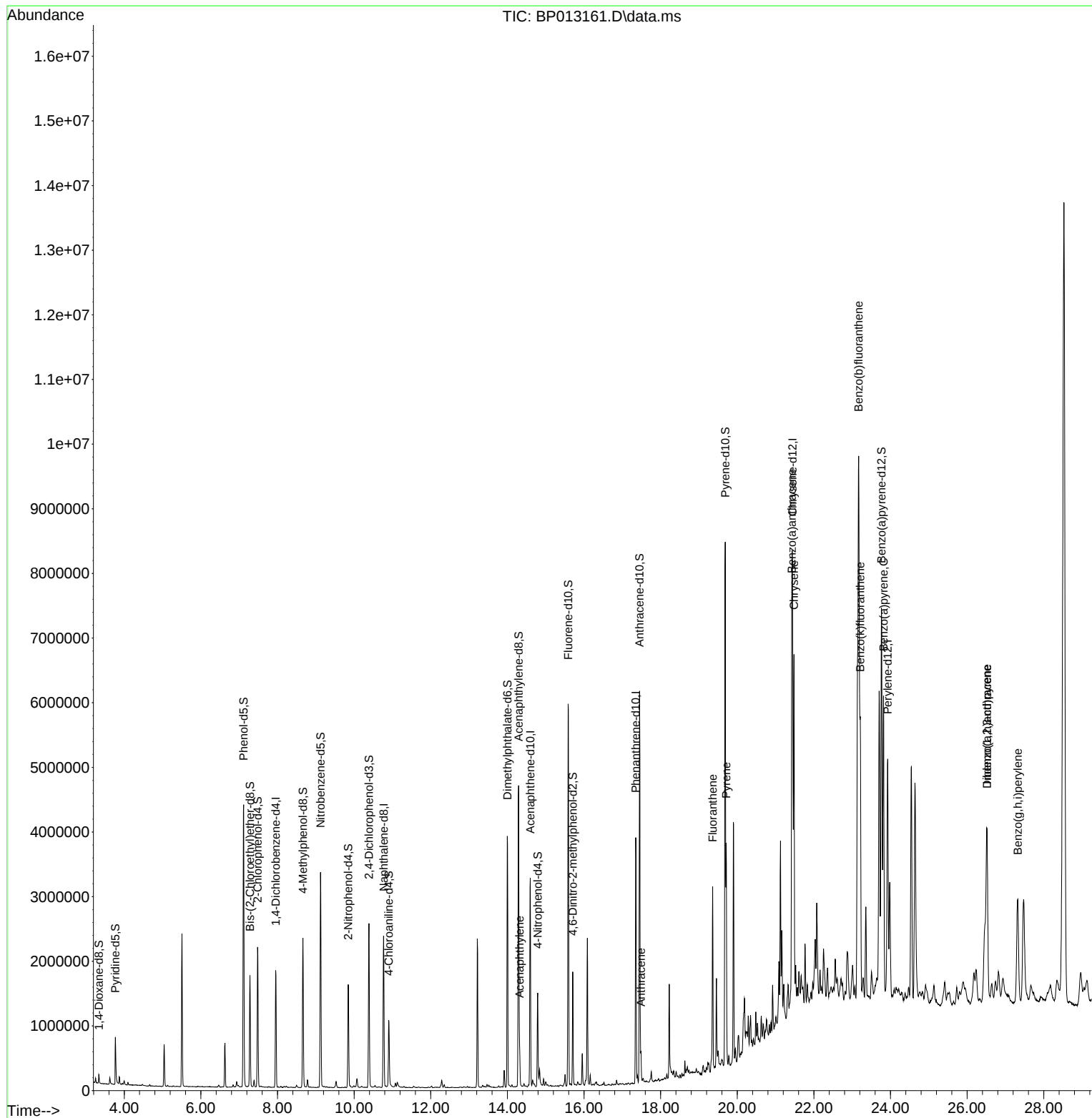
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
 Data File : BP013161.D
 Acq On : 20 Dec 2022 11:56
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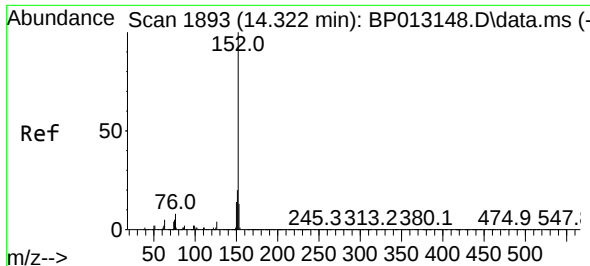
Instrument :
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Quant Time: Dec 20 21:45:32 2022
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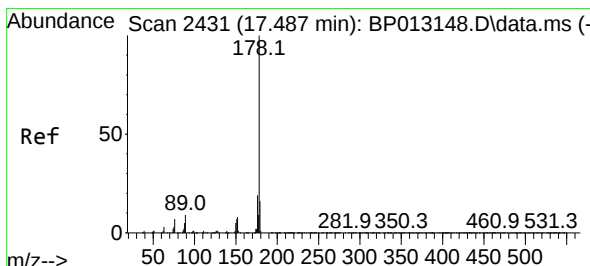
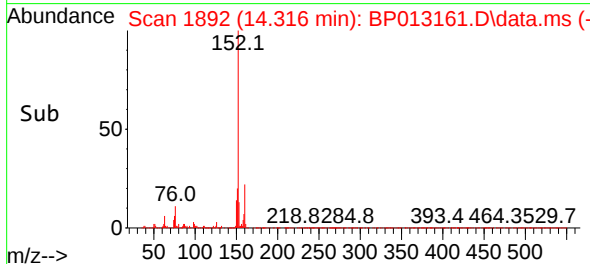
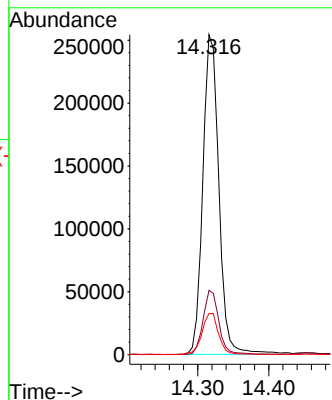
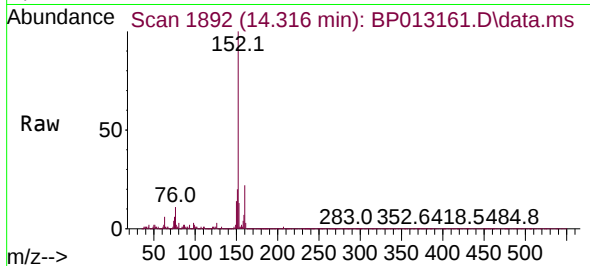
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Acenaphthylene
Concen: 3.930 ng/ul
RT: 14.316 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BP013161.D
Acq: 20 Dec 2022 11:56

Instrument :
BNA_P
ClientSampleId :
DBXQ2

Tgt Ion:152 Resp: 397045
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 12.8 10.6 16.0

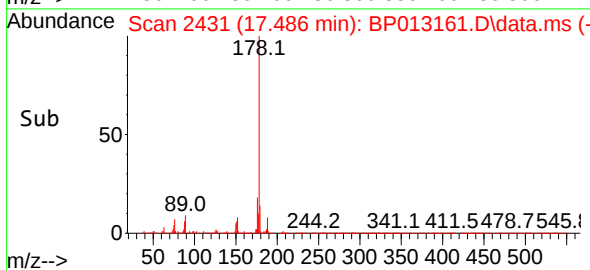
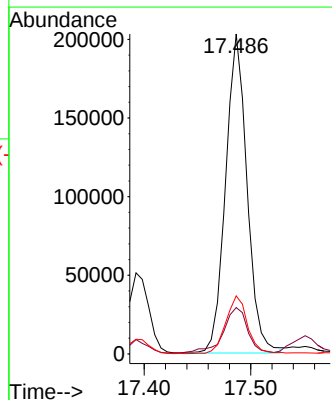
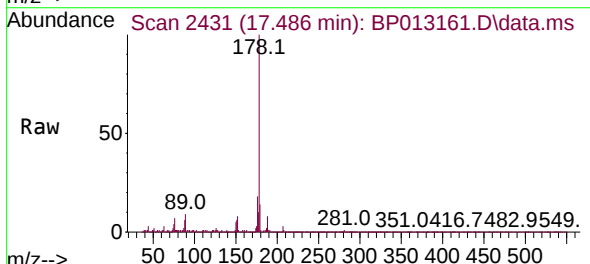
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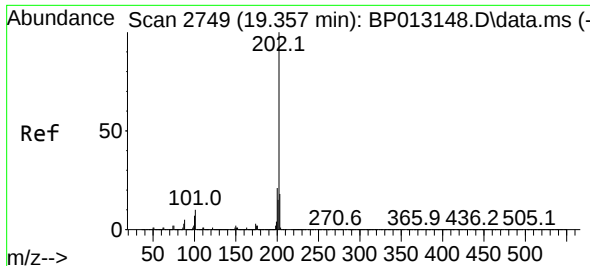
Reviewed By :Yogesh Patel 12/21/2022
Supervised By :mohammad ahmed 12/21/2022



#74
Anthracene
Concen: 2.365 ng/ul
RT: 17.486 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP013161.D
Acq: 20 Dec 2022 11:56

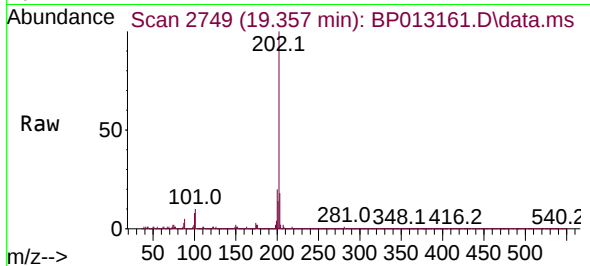
Tgt Ion:178 Resp: 284367
Ion Ratio Lower Upper
178 100
179 14.5 12.5 18.7
176 18.1 14.8 22.2





#80
Fluoranthene
Concen: 9.736 ng/ul
RT: 19.357 min Scan# 2749
Delta R.T. -0.006 min
Lab File: BP013161.D
Acq: 20 Dec 2022 11:56

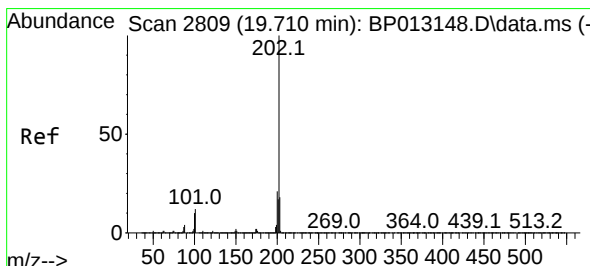
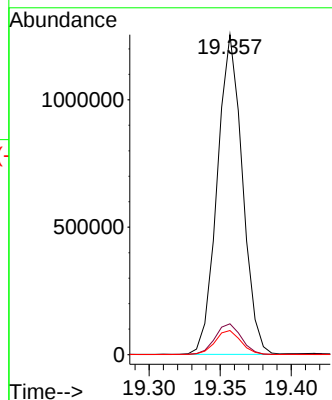
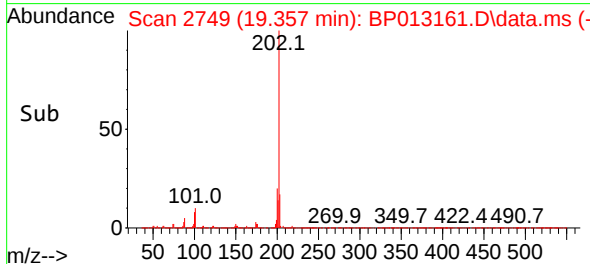
Instrument :
BNA_P
ClientSampleId :
DBXQ2



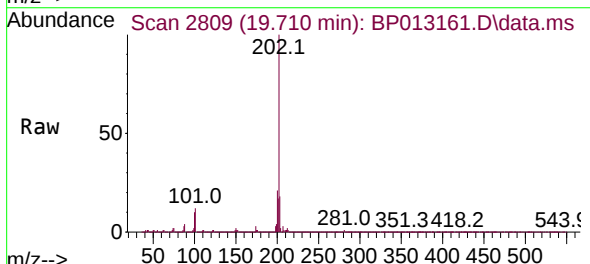
Tgt Ion:202 Resp: 154834
Ion Ratio Lower Upper
202 100
101 9.6 8.2 12.2
100 7.5 6.1 9.1

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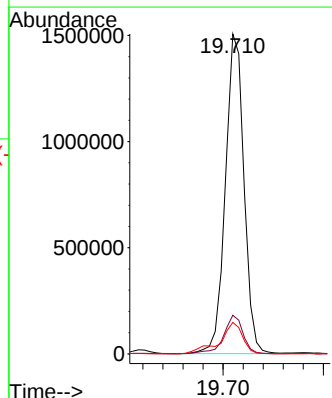
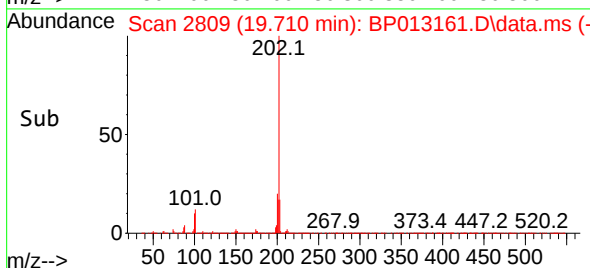
Reviewed By :Yogesh Patel 12/21/2022
Supervised By :mohammad ahmed 12/21/2022

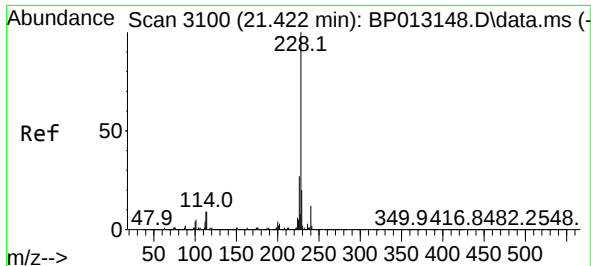


#82
Pyrene
Concen: 11.835 ng/ul
RT: 19.710 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BP013161.D
Acq: 20 Dec 2022 11:56



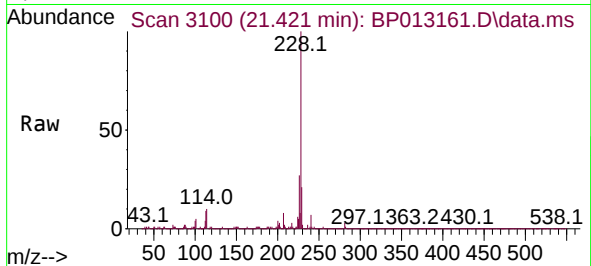
Tgt Ion:202 Resp: 1941552
Ion Ratio Lower Upper
202 100
101 12.1 9.4 14.2
100 9.8 7.8 11.8





#85
Benzo(a)anthracene
Concen: 19.851 ng/uI
RT: 21.421 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BP013161.D
Acq: 20 Dec 2022 11:56

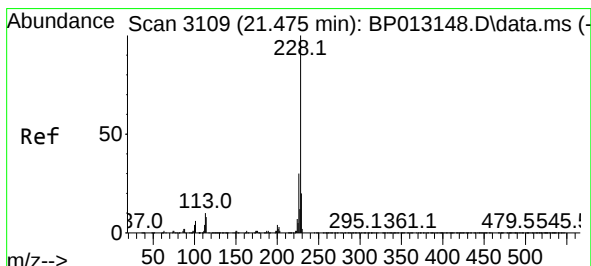
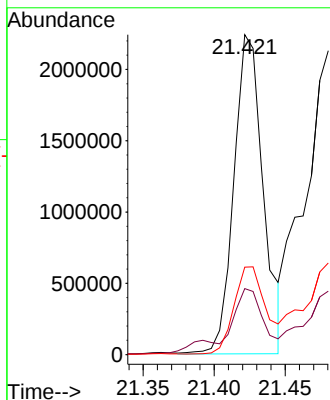
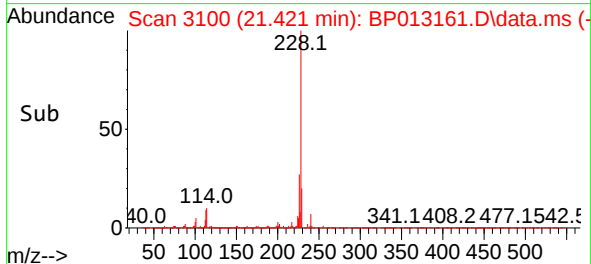
Instrument :
BNA_P
ClientSampleId :
DBXQ2



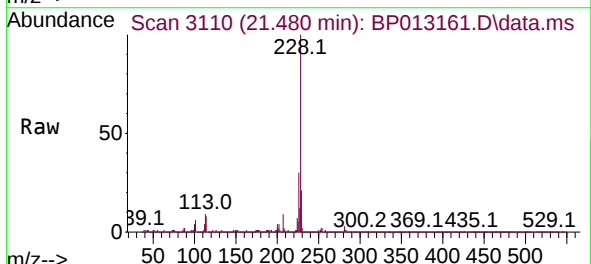
Tgt Ion:228 Resp: 3217016
Ion Ratio Lower Upper
228 100
229 20.6 16.1 24.1
226 27.3 22.0 33.0

Manual Integrations
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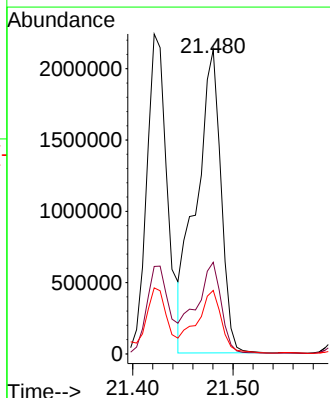
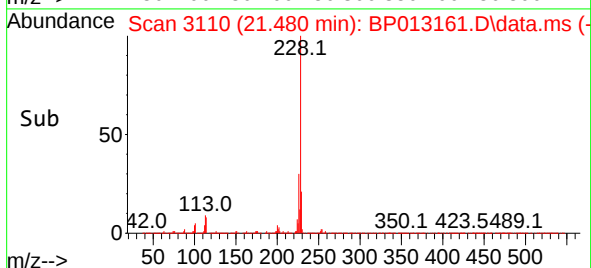
Reviewed By :Yogesh Patel 12/21/2022
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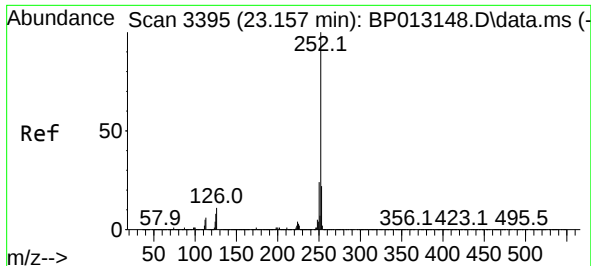


#87
Chrysene
Concen: 23.832 ng/uI
RT: 21.480 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BP013161.D
Acq: 20 Dec 2022 11:56



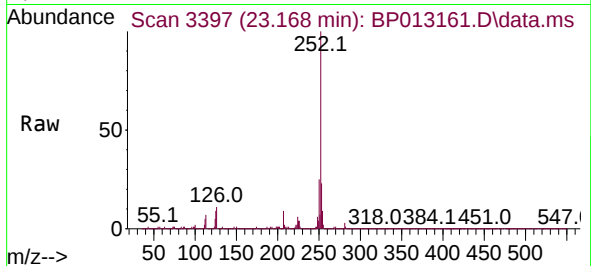
Tgt Ion:228 Resp: 3652260
Ion Ratio Lower Upper
228 100
226 30.1 24.5 36.7
229 20.9 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 41.389 ng/ul
RT: 23.168 min Scan# 3397
Delta R.T. 0.006 min
Lab File: BP013161.D
Acq: 20 Dec 2022 11:56

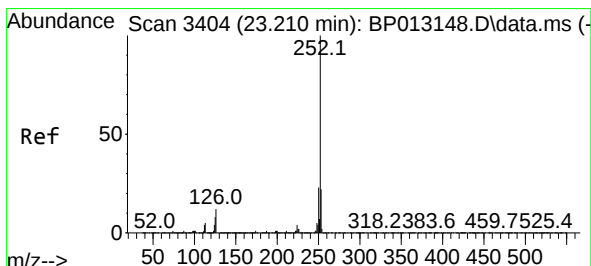
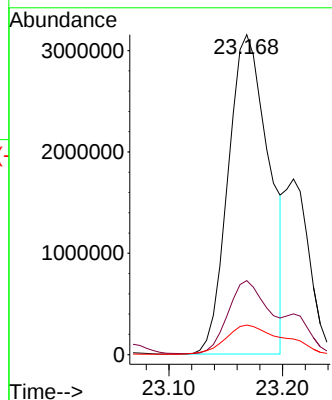
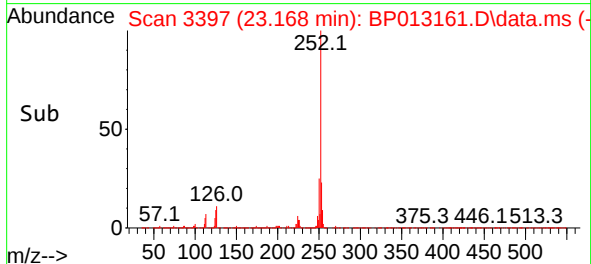
Instrument :
BNA_P
ClientSampleId :
DBXQ2



Tgt Ion:252 Resp: 786431
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 9.2 6.8 10.2

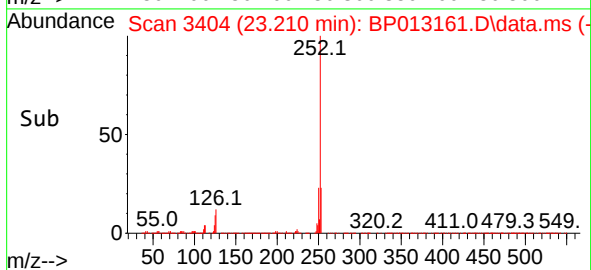
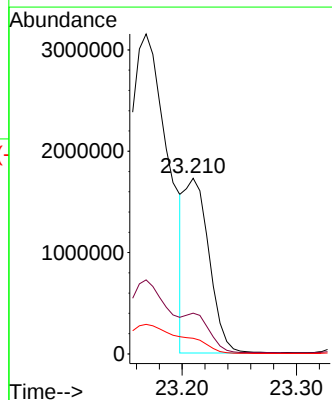
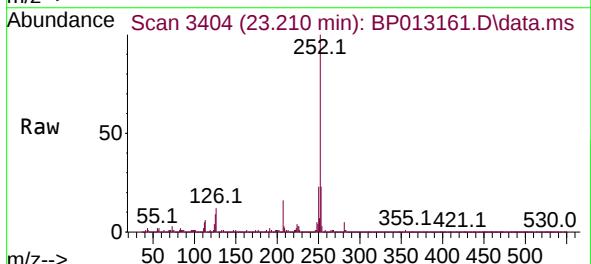
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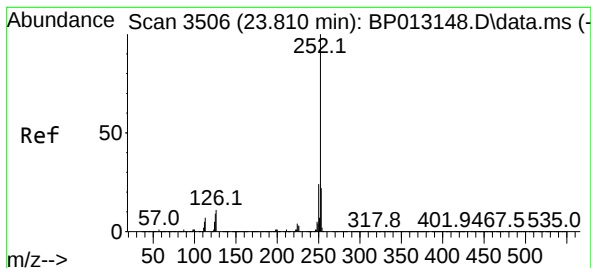
Reviewed By :Yogesh Patel 12/21/2022
Supervised By :mohammad ahmed 12/21/2022



#91
Benzo(k)fluoranthene
Concen: 13.654 ng/ul m
RT: 23.210 min Scan# 3404
Delta R.T. 0.000 min
Lab File: BP013161.D
Acq: 20 Dec 2022 11:56

Tgt Ion:252 Resp: 2572633
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 8.9 6.8 10.2





#93

Benzo(a)pyrene

Concen: 21.633 ng/ul

RT: 23.815 min Scan# 3506

Delta R.T. 0.006 min

Lab File: BP013161.D

Acq: 20 Dec 2022 11:56

Instrument :

BNP_P

ClientSampleId :

DBXQ2

Tgt Ion:252 Resp: 3579038

Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

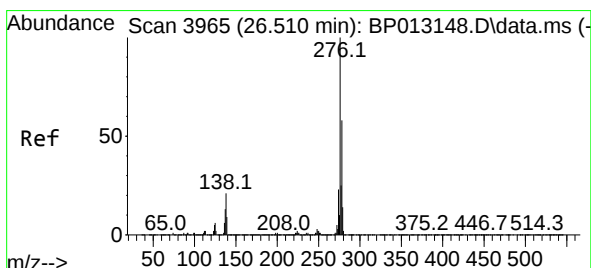
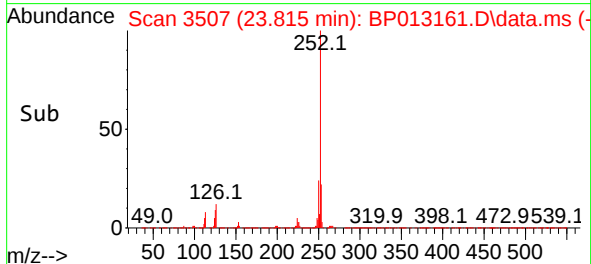
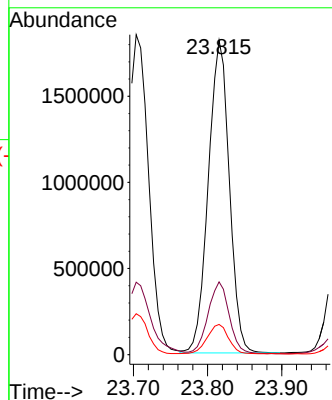
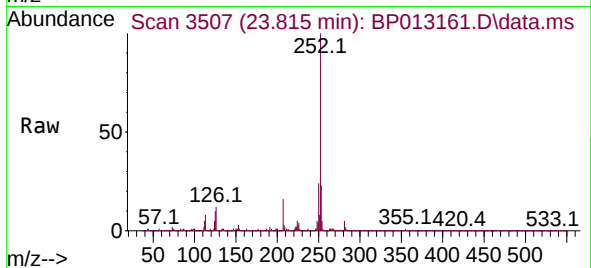
125 9.6 7.5 11.3

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 14.636 ng/ul

RT: 26.515 min Scan# 3966

Delta R.T. 0.000 min

Lab File: BP013161.D

Acq: 20 Dec 2022 11:56

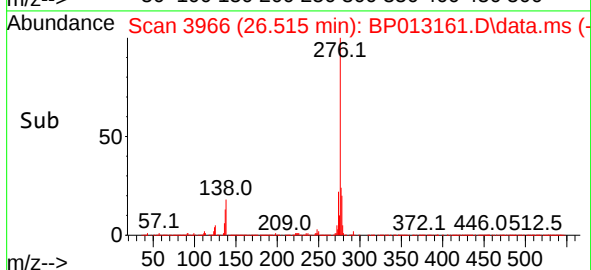
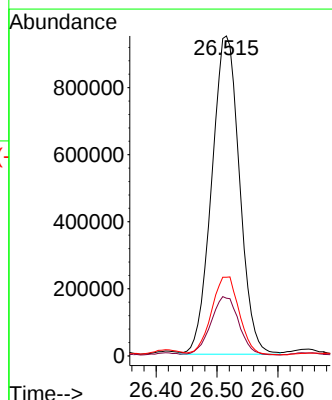
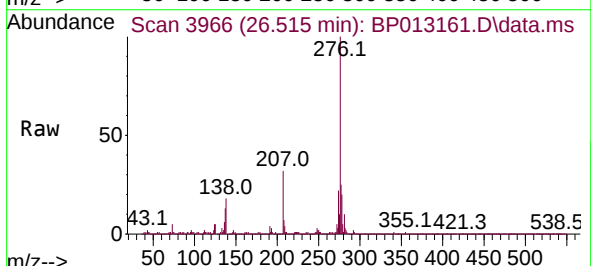
Tgt Ion:276 Resp: 3016290

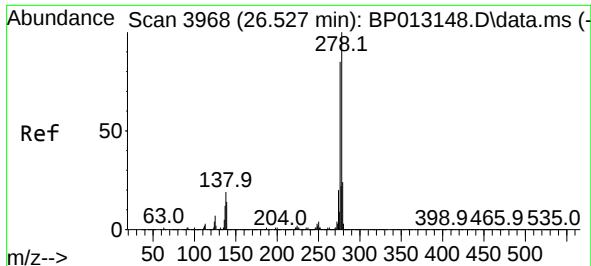
Ion Ratio Lower Upper

276 100

138 18.0 17.1 25.7

277 24.6 20.0 30.0





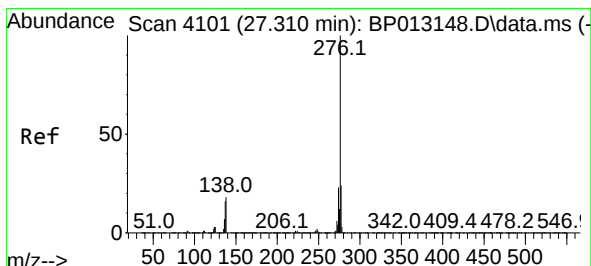
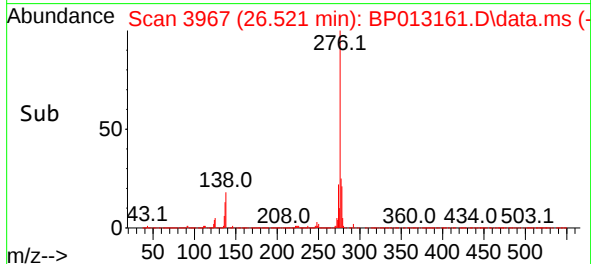
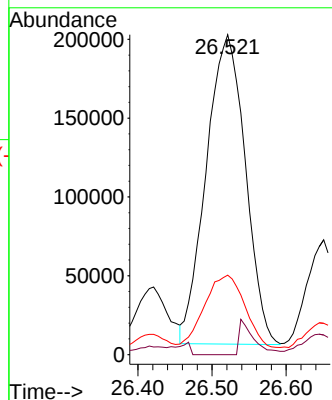
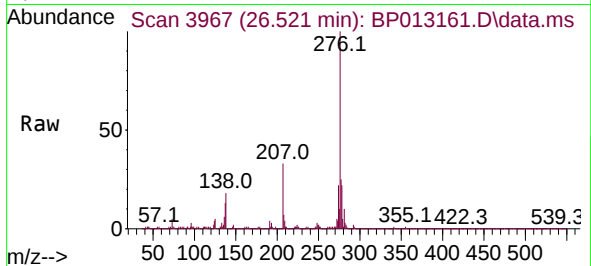
#95
Dibenzo(a,h)anthracene
Concen: 4.216 ng/ul
RT: 26.521 min Scan# 3968
Delta R.T. -0.012 min
Lab File: BP013161.D
Acq: 20 Dec 2022 11:56

Instrument :
BNA_P
ClientSampleId :
DBXQ2

Tgt Ion:278 Resp: 719321
Ion Ratio Lower Upper
278 100
139 0.0 11.1 16.7
279 24.8 19.0 28.6

Manual Integrations
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Supervised By :mohammad ahmed 12/21/2022



#96
Benzo(g,h,i)perylene
Concen: 14.653 ng/ul
RT: 27.321 min Scan# 4103
Delta R.T. 0.006 min
Lab File: BP013161.D
Acq: 20 Dec 2022 11:56

Tgt Ion:276 Resp: 2424251
Ion Ratio Lower Upper
276 100
138 19.3 15.4 23.2
277 23.4 19.1 28.7

