

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013005.D
 Acq On : 09 Dec 2022 03:21
 Operator : CG/JU
 Sample : N5832-12DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXK9DL

Quant Time: Dec 09 04:09:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
 Supervised By :mohammad ahmed 12/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	788108	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	3427539	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	2248992	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.375	188	4827984	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	3466176	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	3583267	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	17237	0.935	ng/uL	0.00
4) Pyridine-d5	3.793	84	157911	3.016	ng/u1	0.00
7) Phenol-d5	7.128	99	375548	5.850	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	227946	5.886	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	299397	5.925	ng/u1	-0.01
15) 4-Methylphenol-d8	8.681	113	309162	5.878	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	138165	5.486	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	152121	5.366	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.405	165	337778	6.134	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	221602	2.850	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	1081561	6.257	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	1189913	6.265	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	105534	3.394	ng/u1	0.00
60) Fluorene-d10	15.604	176	983055	6.723	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	107867	3.472	ng/u1	0.00
73) Anthracene-d10	17.481	188	1449954	6.657	ng/u1	0.00
81) Pyrene-d10	19.704	212	1586718	7.975	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	1214974	6.803	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.840	128	1253905	6.995	ng/u1	99
36) 2-Methylnaphthalene	12.440	142	820442	6.672	ng/u1	99
37) 1-Methylnaphthalene	12.663	142	139050	1.099	ng/u1	99
50) Acenaphthylene	14.334	152	849757	4.162	ng/u1	99
52) Acenaphthene	14.675	153	1273426	9.000	ng/u1	99
61) Fluorene	15.663	166	5051825	31.311	ng/u1	100
71) Pentachlorophenol	17.016	266	86905	2.305	ng/u1	94
72) Phenanthrene	17.416	178	15385568	61.182	ng/u1#	88
74) Anthracene	17.504	178	30917911m	123.134	ng/u1	
80) Fluoranthene	19.375	202	19479955m	86.265	ng/u1	
82) Pyrene	19.728	202	21472373m	92.181	ng/u1	
85) Benzo(a)anthracene	21.445	228	12501821	54.332	ng/u1	96
87) Chrysene	21.504	228	16912839m	77.724	ng/u1	
90) Benzo(b)fluoranthene	23.198	252	18806174	82.304	ng/u1	97
91) Benzo(k)fluoranthene	23.239	252	6002144m	26.490	ng/u1	
93) Benzo(a)pyrene	23.845	252	8637080	43.412	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.563	276	5057095	20.406	ng/u1	98
95) Dibenzo(a,h)anthracene	26.568	278	1321631	6.441	ng/u1#	86
96) Benzo(g,h,i)perylene	27.363	276	3671703	18.455	ng/u1	99

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

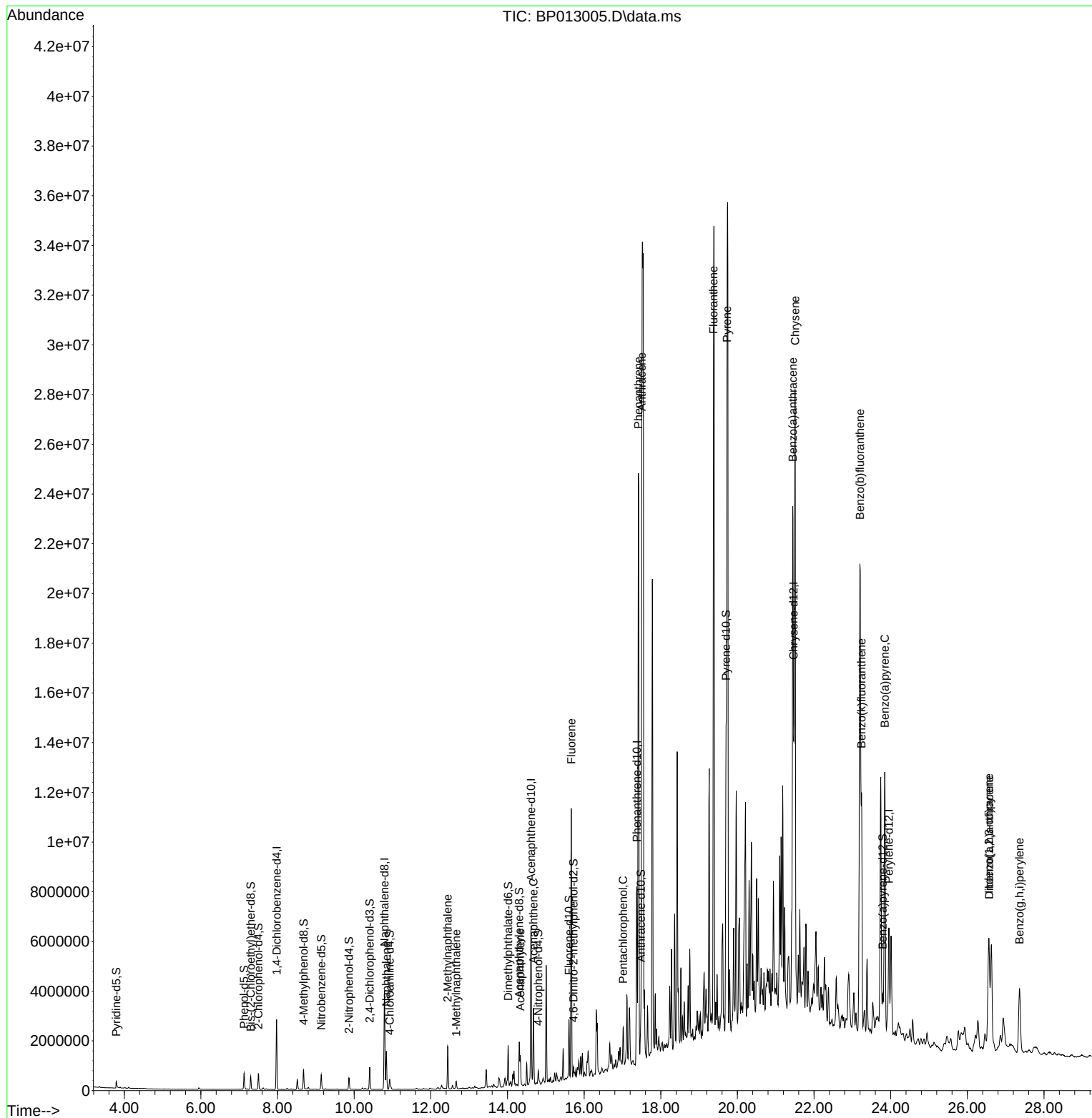
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013005.D
 Acq On : 09 Dec 2022 03:21
 Operator : CG/JU
 Sample : N5832-12DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

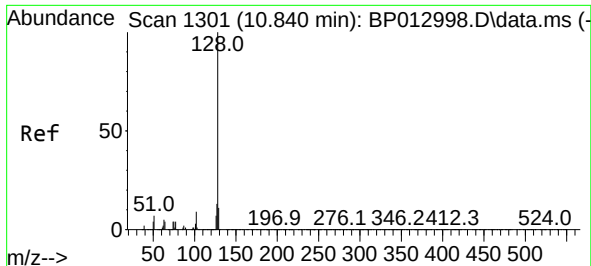
Instrument :
 BNA_P
 ClientSampleId :
 DBXK9DL

Quant Time: Dec 09 04:09:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

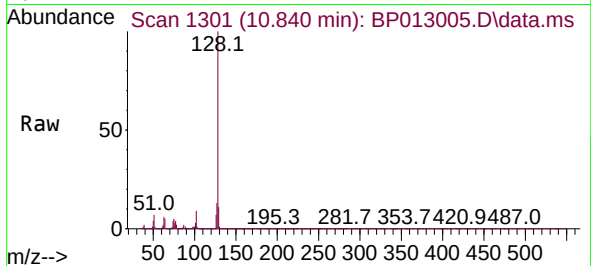
Reviewed By :Jagrut Upadhyay 12/09/2022
 Supervised By :mohammad ahmed 12/10/2022





#30
Naphthalene
Concen: 6.995 ng/ul
RT: 10.840 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP013005.D
Acq: 09 Dec 2022 03:21

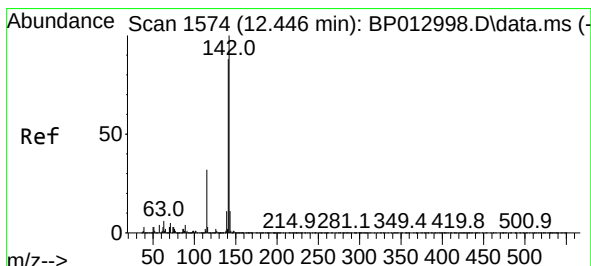
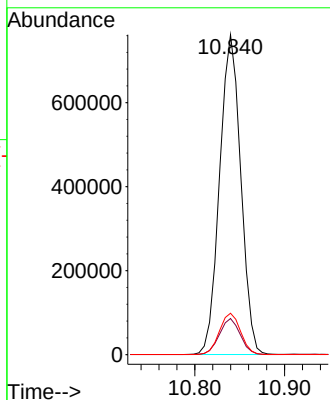
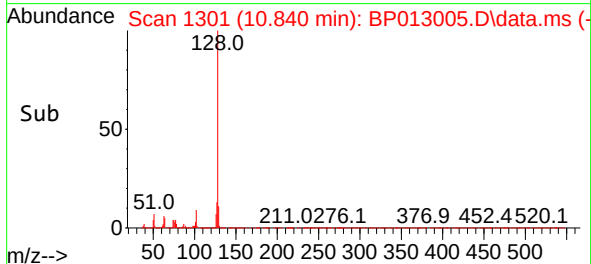
Instrument :
BNA_P
ClientSampleId :
DBXK9DL



Tgt Ion:128 Resp: 1253905
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 12.9 10.4 15.6

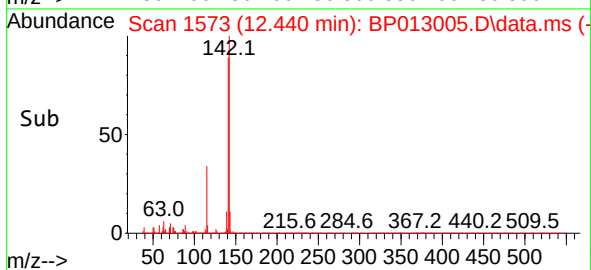
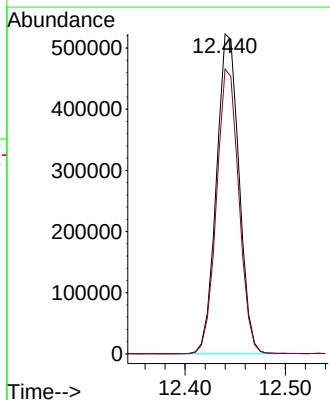
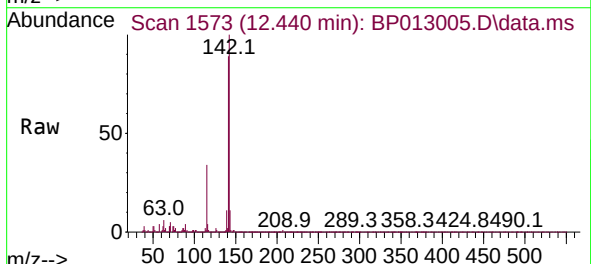
Manual Integrations
APPROVED

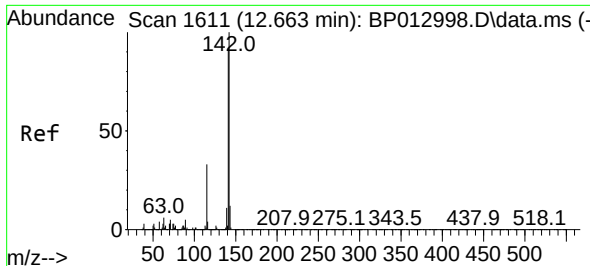
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#36
2-Methylnaphthalene
Concen: 6.672 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BP013005.D
Acq: 09 Dec 2022 03:21

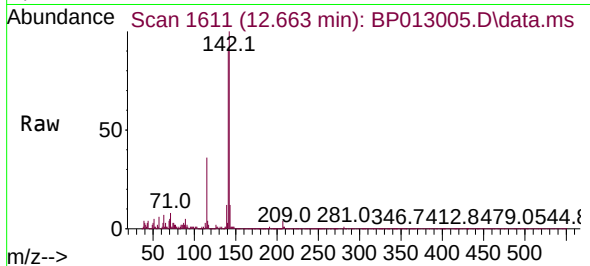
Tgt Ion:142 Resp: 820442
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2





#37
1-Methylnaphthalene
Concen: 1.099 ng/ul
RT: 12.663 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BP013005.D
Acq: 09 Dec 2022 03:21

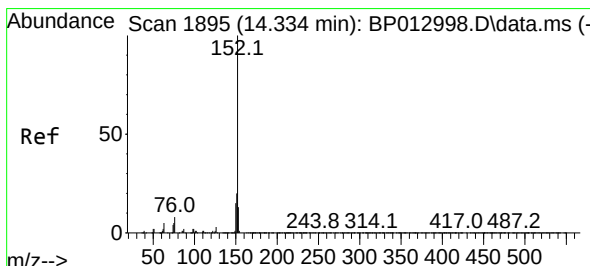
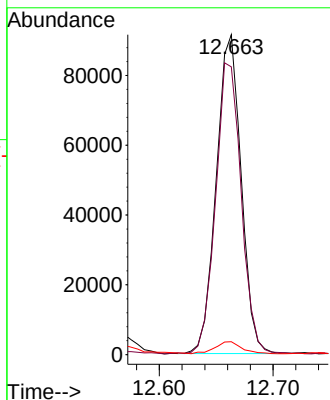
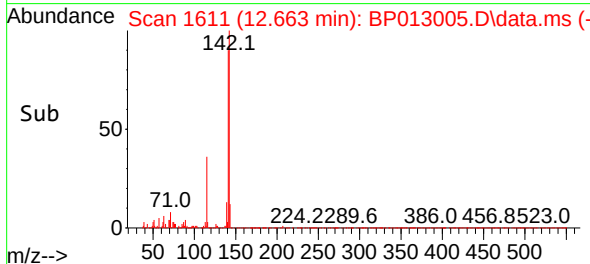
Instrument :
BNA_P
ClientSampleId :
DBXK9DL



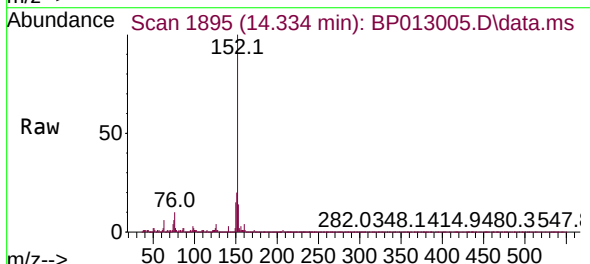
Tgt Ion:142 Resp: 139050
Ion Ratio Lower Upper
142 100
141 89.9 72.7 109.1
116 4.1 2.7 4.1

Manual Integrations
APPROVED

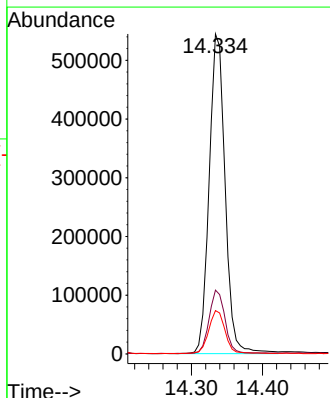
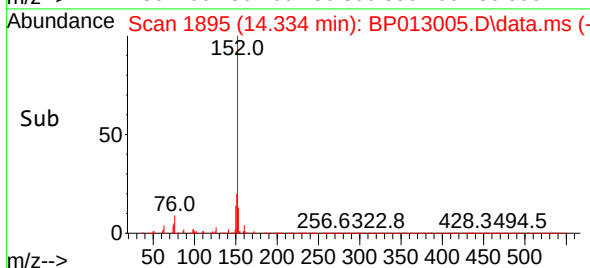
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

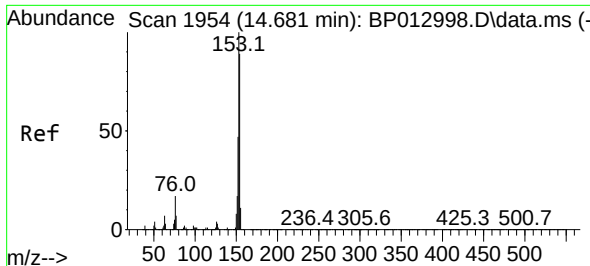


#50
Acenaphthylene
Concen: 4.162 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP013005.D
Acq: 09 Dec 2022 03:21



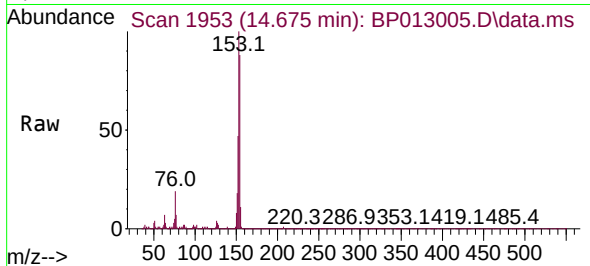
Tgt Ion:152 Resp: 849757
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.5 10.6 16.0





#52
Acenaphthene
Concen: 9.000 ng/ul
RT: 14.675 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BP013005.D
Acq: 09 Dec 2022 03:21

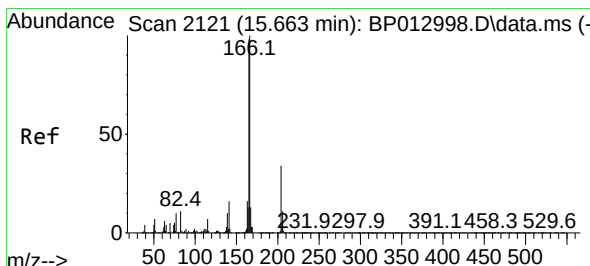
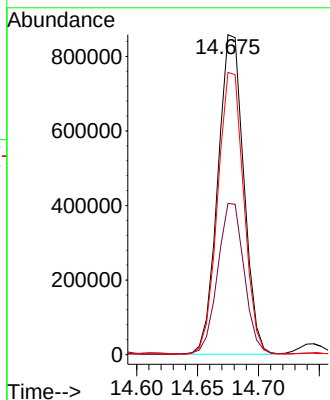
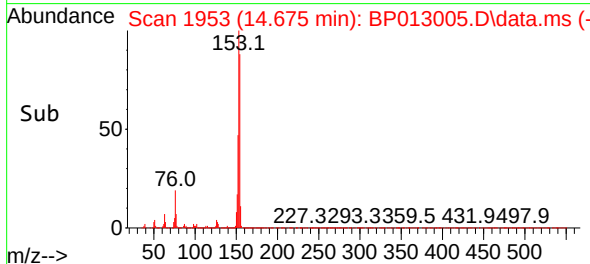
Instrument :
BNA_P
ClientSampleId :
DBXK9DL



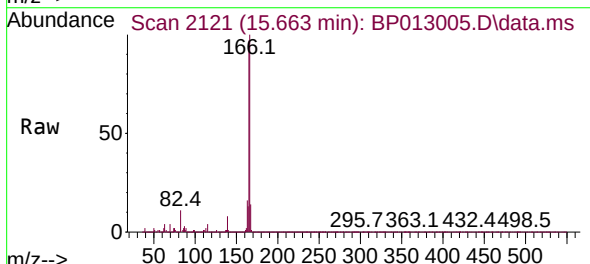
Tgt Ion:153 Resp: 1273426
Ion Ratio Lower Upper
153 100
152 47.2 38.2 57.4
154 88.2 70.8 106.2

Manual Integrations
APPROVED

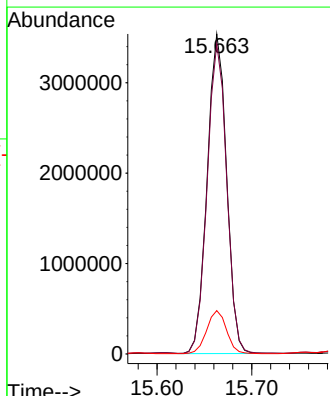
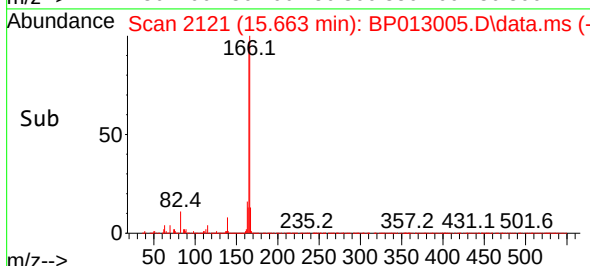
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

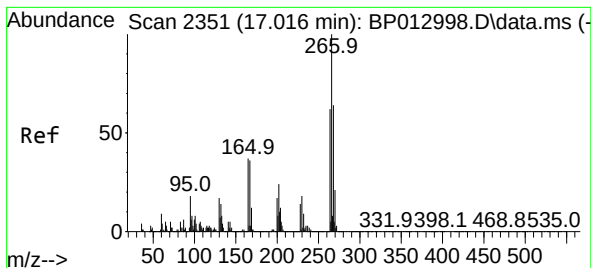


#61
Fluorene
Concen: 31.311 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP013005.D
Acq: 09 Dec 2022 03:21



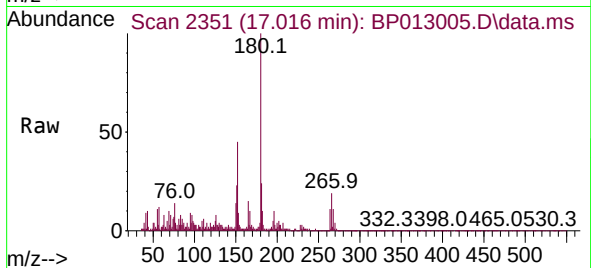
Tgt Ion:166 Resp: 5051825
Ion Ratio Lower Upper
166 100
165 96.9 77.4 116.2
167 13.5 10.6 16.0





#71
Pentachlorophenol
Concen: 2.305 ng/ul
RT: 17.016 min Scan# 2351
Delta R.T. 0.000 min
Lab File: BP013005.D
Acq: 09 Dec 2022 03:21

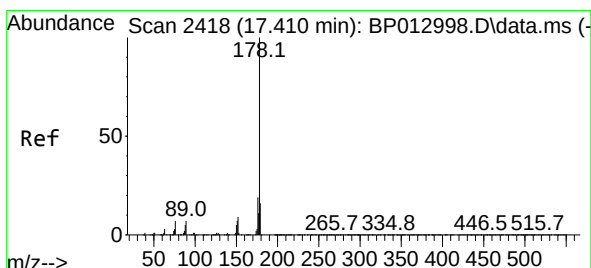
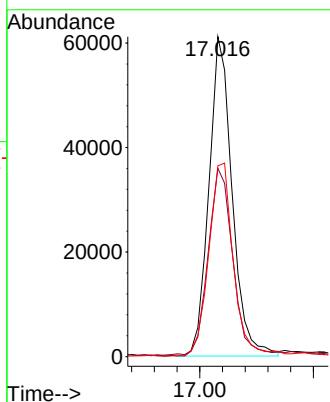
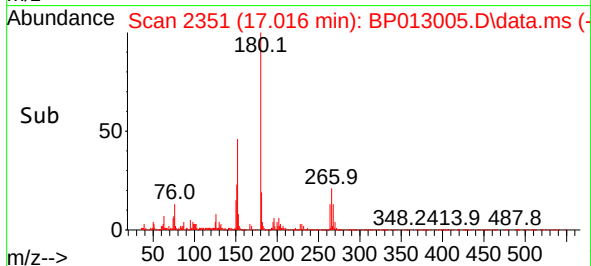
Instrument :
BNA_P
ClientSampleId :
DBXK9DL



Tgt Ion:266 Resp: 86905
Ion Ratio Lower Upper
266 100
264 58.8 50.9 76.3
268 59.6 51.4 77.2

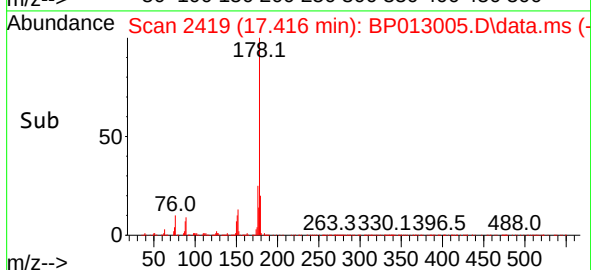
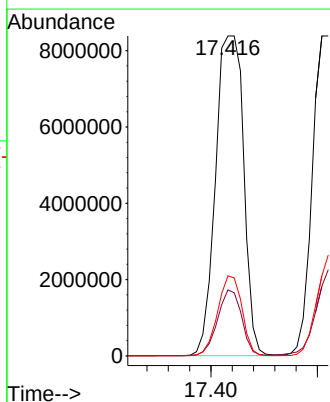
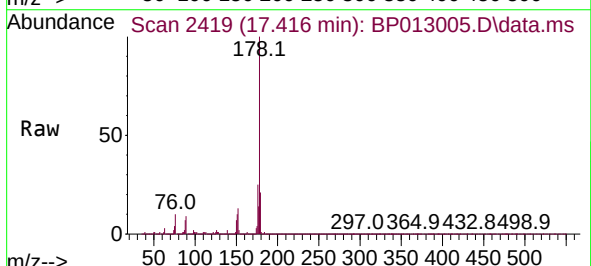
Manual Integrations
APPROVED

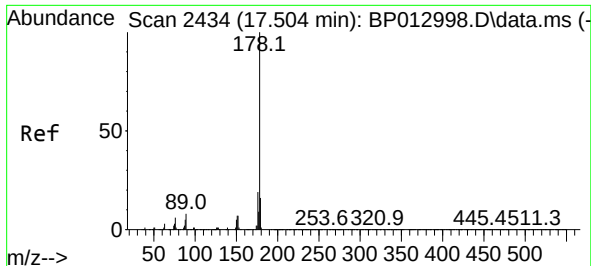
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#72
Phenanthrene
Concen: 61.182 ng/ul
RT: 17.416 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BP013005.D
Acq: 09 Dec 2022 03:21

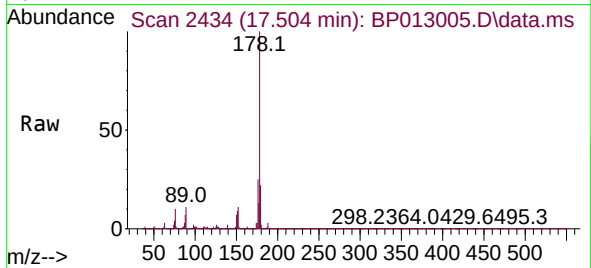
Tgt Ion:178 Resp:15385568
Ion Ratio Lower Upper
178 100
179 20.6 12.5 18.7#
176 25.0 15.4 23.0#





#74
 Anthracene
 Concen: 123.134 ng/ul m
 RT: 17.504 min Scan# 2434
 Delta R.T. -0.006 min
 Lab File: BP013005.D
 Acq: 09 Dec 2022 03:21

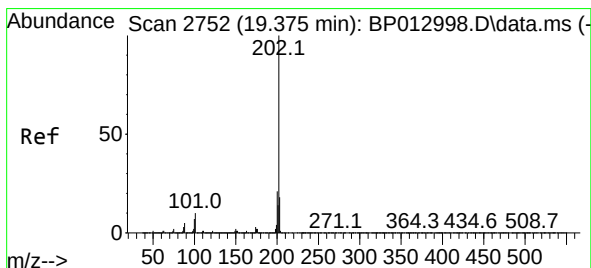
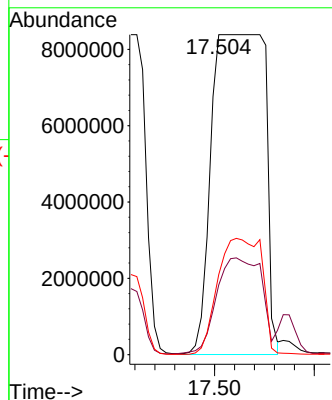
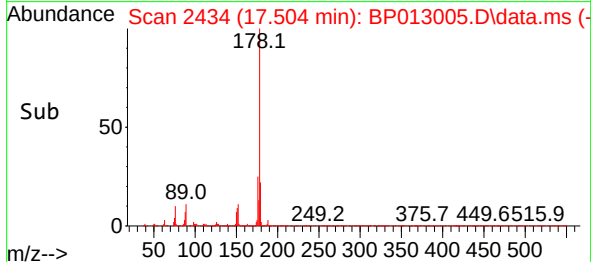
Instrument :
 BNA_P
 ClientSampleId :
 DBXK9DL



Tgt Ion:178 Resp:3091791
 Ion Ratio Lower Upper
 178 100
 179 21.8 12.5 18.7
 176 25.0 14.8 22.2

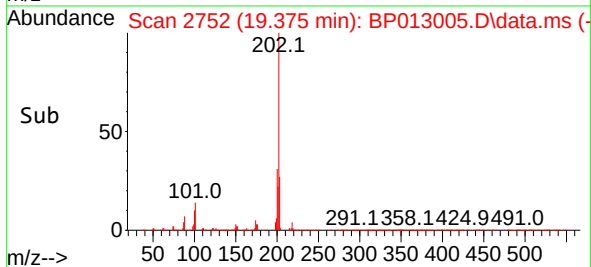
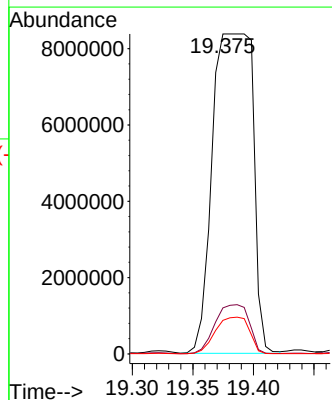
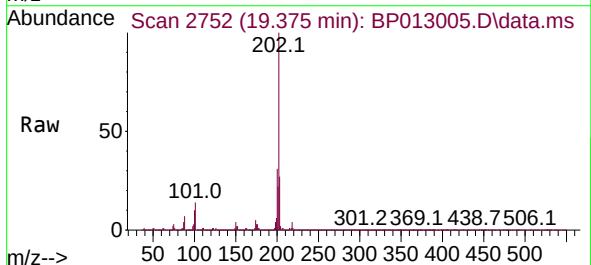
Manual Integrations
 APPROVED

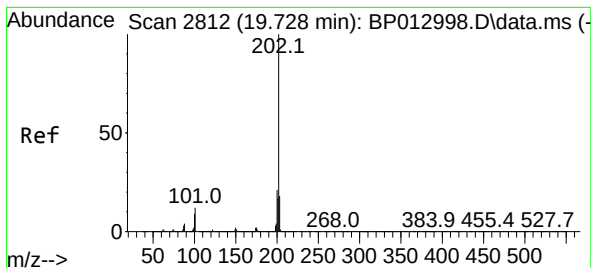
Reviewed By :Jagrut Upadhyay 12/09/2022
 Supervised By :mohammad ahmed 12/10/2022



#80
 Fluoranthene
 Concen: 86.265 ng/ul m
 RT: 19.375 min Scan# 2752
 Delta R.T. 0.000 min
 Lab File: BP013005.D
 Acq: 09 Dec 2022 03:21

Tgt Ion:202 Resp:19479955
 Ion Ratio Lower Upper
 202 100
 101 14.4 8.2 12.2#
 100 10.5 6.1 9.1#





#82

Pyrene

Concen: 92.181 ng/ul m

RT: 19.728 min Scan# 2812

Delta R.T. 0.000 min

Lab File: BP013005.D

Acq: 09 Dec 2022 03:21

Instrument :

BNA_P

ClientSampleId :

DBXK9DL

Tgt Ion:202 Resp:21472373

Ion Ratio Lower Upper

202 100

101 16.0 9.4 14.2

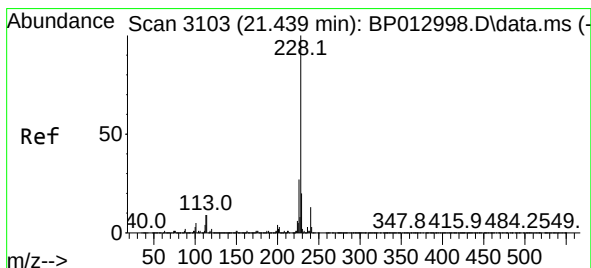
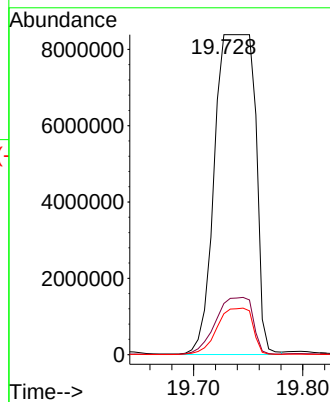
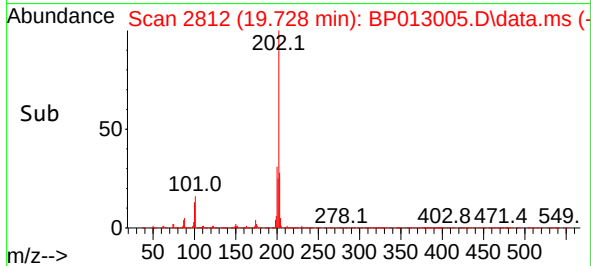
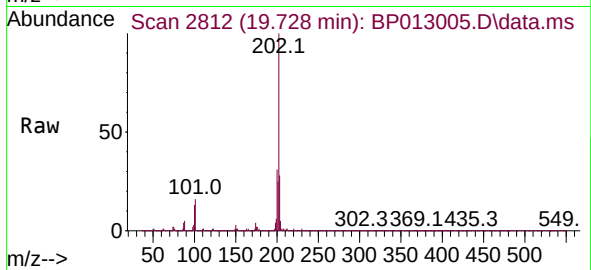
100 12.8 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022

Supervised By :mohammad ahmed 12/10/2022



#85

Benzo(a)anthracene

Concen: 54.332 ng/ul

RT: 21.445 min Scan# 3104

Delta R.T. 0.006 min

Lab File: BP013005.D

Acq: 09 Dec 2022 03:21

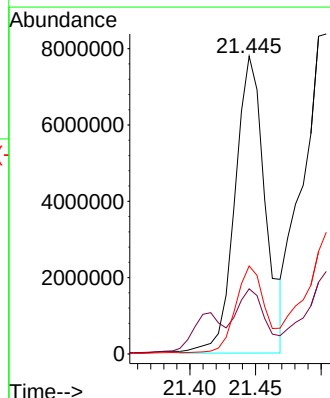
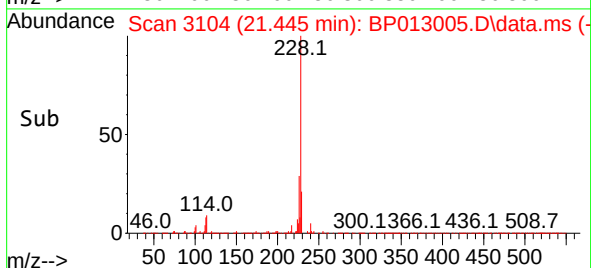
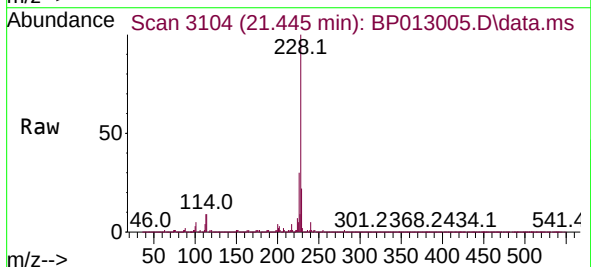
Tgt Ion:228 Resp:12501821

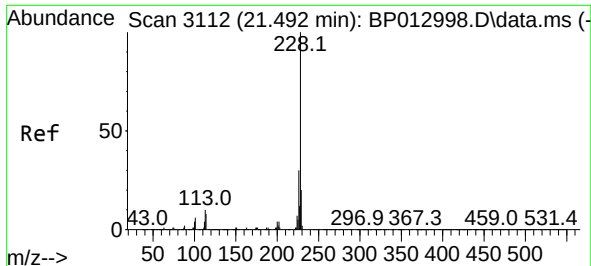
Ion Ratio Lower Upper

228 100

229 21.9 16.1 24.1

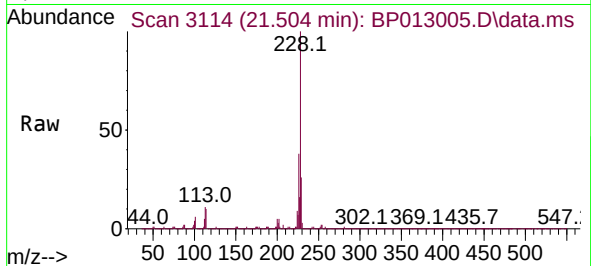
226 29.5 22.0 33.0





#87
Chrysene
Concen: 77.724 ng/ul m
RT: 21.504 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BP013005.D
Acq: 09 Dec 2022 03:21

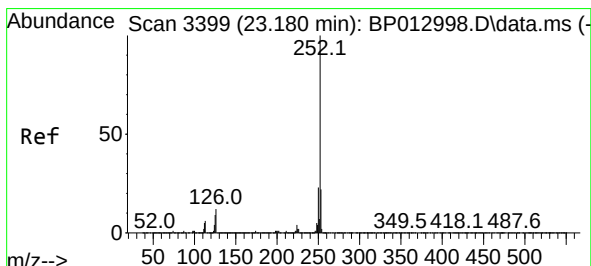
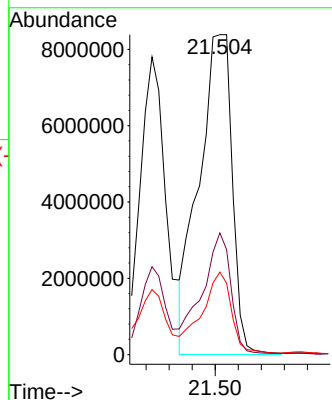
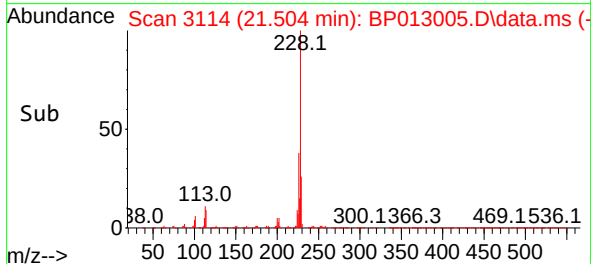
Instrument :
BNA_P
ClientSampleId :
DBXK9DL



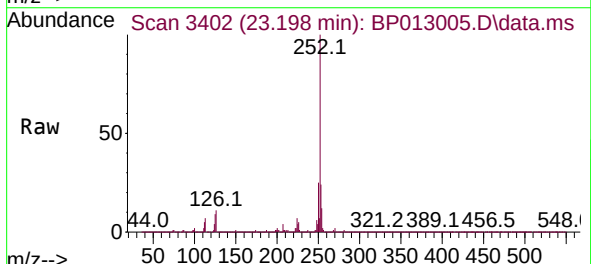
Tgt Ion:228 Resp:16912839
Ion Ratio Lower Upper
228 100
226 38.0 24.5 36.7
229 25.8 16.0 24.0

Manual Integrations
APPROVED

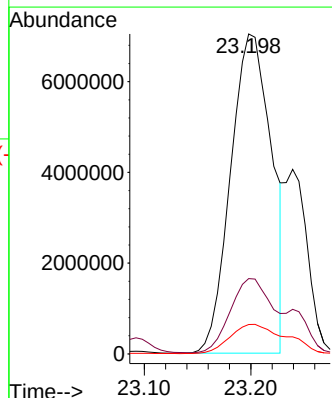
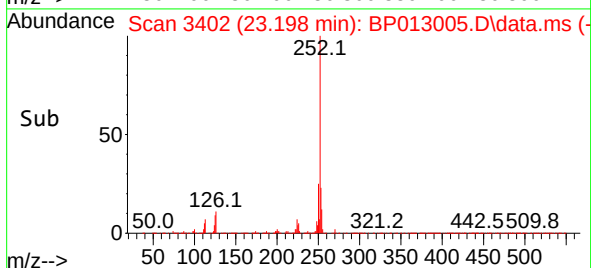
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

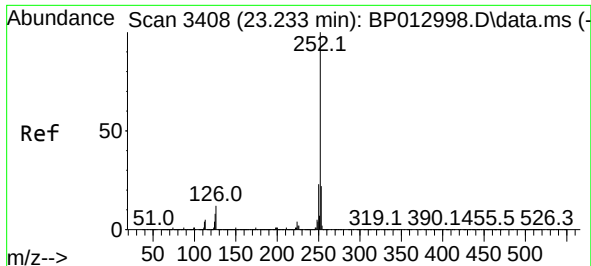


#90
Benzo(b)fluoranthene
Concen: 82.304 ng/ul
RT: 23.198 min Scan# 3402
Delta R.T. 0.012 min
Lab File: BP013005.D
Acq: 09 Dec 2022 03:21



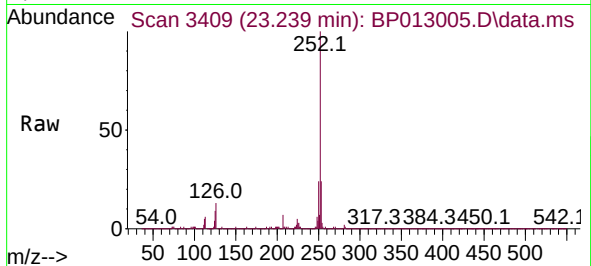
Tgt Ion:252 Resp:18806174
Ion Ratio Lower Upper
252 100
253 23.5 17.7 26.5
125 9.2 6.8 10.2





#91
Benzo(k)fluoranthene
Concen: 26.490 ng/ul m
RT: 23.239 min Scan# 3408
Delta R.T. 0.006 min
Lab File: BP013005.D
Acq: 09 Dec 2022 03:21

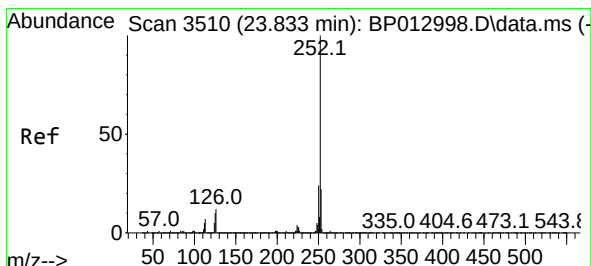
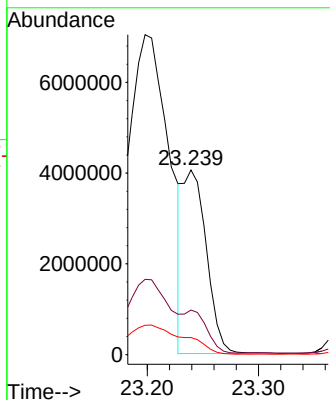
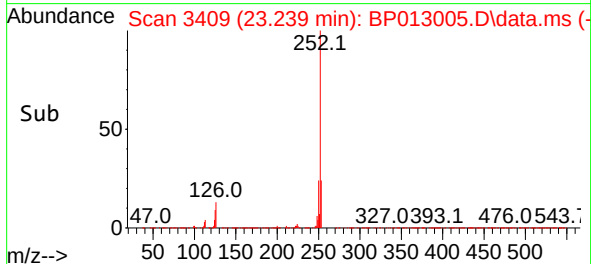
Instrument :
BNA_P
ClientSampleId :
DBXK9DL



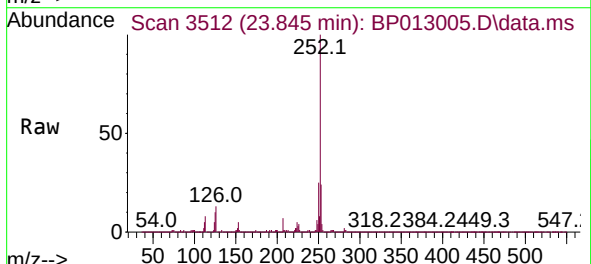
Tgt Ion:252 Resp: 6002144
Ion Ratio Lower Upper
252 100
253 24.1 17.7 26.5
125 9.2 6.8 10.2

Manual Integrations
APPROVED

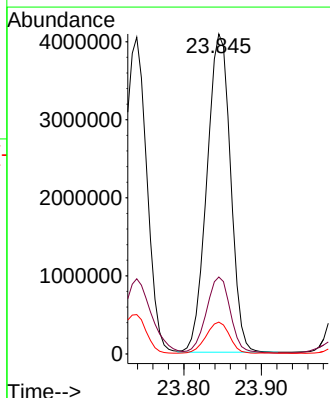
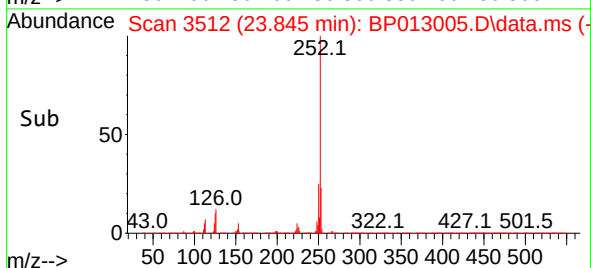
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

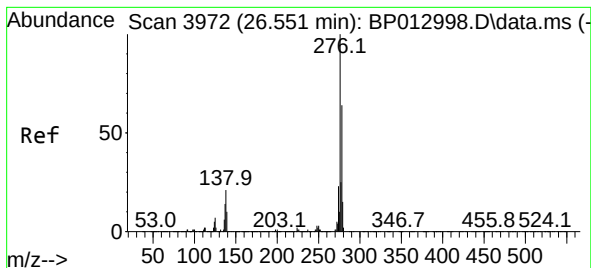


#93
Benzo(a)pyrene
Concen: 43.412 ng/ul
RT: 23.845 min Scan# 3512
Delta R.T. 0.006 min
Lab File: BP013005.D
Acq: 09 Dec 2022 03:21



Tgt Ion:252 Resp: 8637080
Ion Ratio Lower Upper
252 100
253 24.0 17.5 26.3
125 9.9 7.5 11.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 20.406 ng/ul

RT: 26.563 min Scan# 3974

Delta R.T. 0.006 min

Lab File: BP013005.D

Acq: 09 Dec 2022 03:21

Instrument :

BNA_P

ClientSampleId :

DBXK9DL

Tgt Ion:276 Resp: 5057095

Ion Ratio Lower Upper

276 100

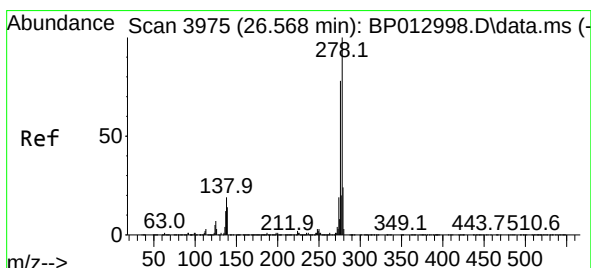
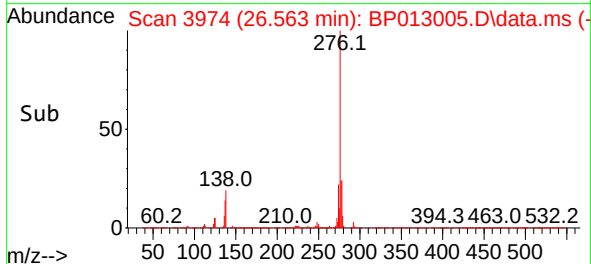
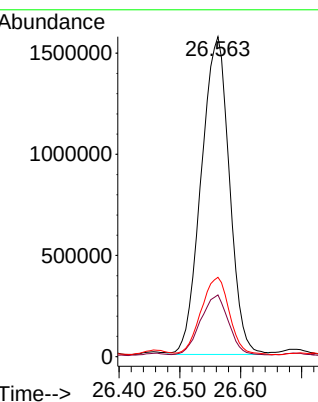
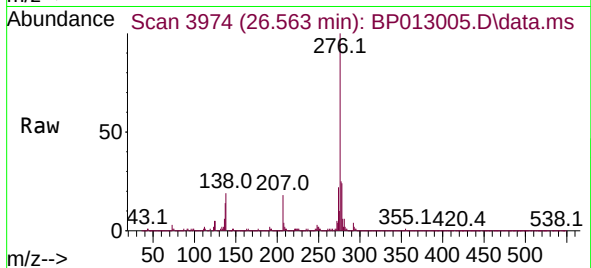
138 19.3 17.1 25.7

277 24.8 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#95

Dibenzo(a,h)anthracene

Concen: 6.441 ng/ul

RT: 26.568 min Scan# 3975

Delta R.T. 0.000 min

Lab File: BP013005.D

Acq: 09 Dec 2022 03:21

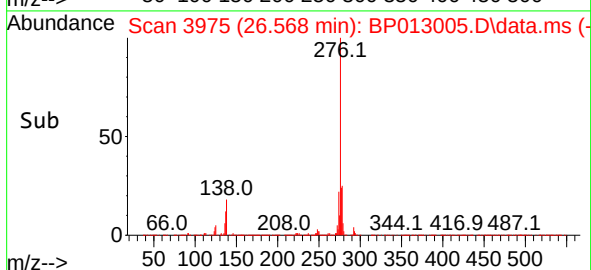
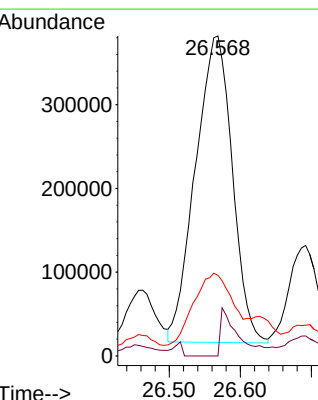
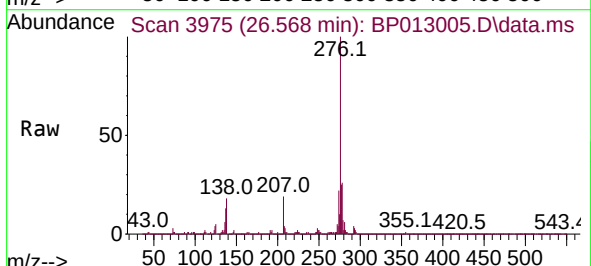
Tgt Ion:278 Resp: 1321631

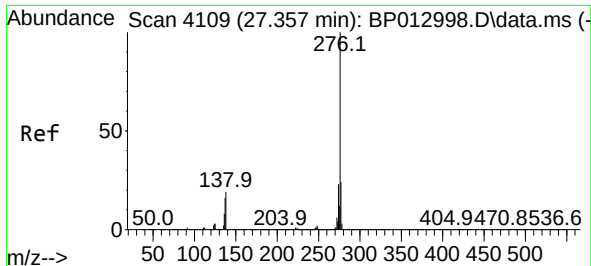
Ion Ratio Lower Upper

278 100

139 0.0 11.1 16.7#

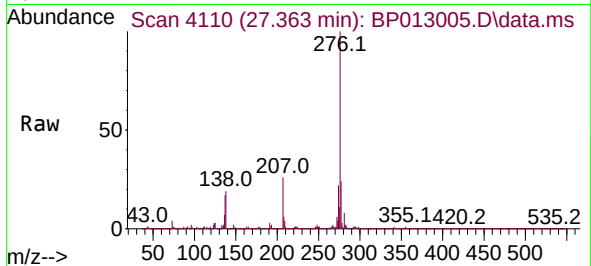
279 25.2 19.0 28.6





#96
Benzo(g,h,i)perylene
Concen: 18.455 ng/ul
RT: 27.363 min Scan# 4110
Delta R.T. 0.012 min
Lab File: BP013005.D
Acq: 09 Dec 2022 03:21

Instrument :
BNA_P
ClientSampleId :
DBXK9DL



Tgt Ion:276 Resp: 3671703
Ion Ratio Lower Upper
276 100
138 19.3 15.4 23.2
277 24.4 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

