

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013004.D
 Acq On : 09 Dec 2022 02:47
 Operator : CG/JU
 Sample : N5832-09DL2 30X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXK6DL2

Quant Time: Dec 09 04:08:47 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	632070	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	2787665	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	1891632	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	4239681	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	3740901	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	3542170	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	1758	0.119	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.128	99	34944	0.679	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	23669	0.762	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	28161	0.695	ng/u1	-0.01
15) 4-Methylphenol-d8	8.681	113	27612	0.655	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	12832	0.627	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	13331	0.578	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	30165	0.674	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	17504	0.277	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	119082	0.819	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	116499	0.729	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	5952	0.228	ng/u1	0.00
60) Fluorene-d10	15.604	176	112849	0.918	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	8684	0.318	ng/u1	0.00
73) Anthracene-d10	17.469	188	180973	0.946	ng/u1	0.00
81) Pyrene-d10	19.698	212	211438	0.985	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.780	264	161848	0.917	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.840	128	147921	1.015	ng/u1	99
52) Acenaphthene	14.675	153	602826	5.065	ng/u1	100
61) Fluorene	15.663	166	1463054	10.781	ng/u1	98
72) Phenanthrene	17.416	178	8909780	40.347	ng/u1	99
74) Anthracene	17.504	178	17683547m	80.199	ng/u1	
80) Fluoranthene	19.375	202	15074133m	61.852	ng/u1	
82) Pyrene	19.727	202	14382379	57.209	ng/u1#	92
85) Benzo(a)anthracene	21.439	228	5463983	22.002	ng/u1	99
87) Chrysene	21.498	228	6477101	27.580	ng/u1	98
90) Benzo(b)fluoranthene	23.186	252	5625560	24.906	ng/u1	99
91) Benzo(k)fluoranthene	23.227	252	1386702m	6.191	ng/u1	
93) Benzo(a)pyrene	23.833	252	2134140	10.851	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.539	276	891770	3.640	ng/u1	97
95) Dibenzo(a,h)anthracene	26.551	278	236475	1.166	ng/u1#	86
96) Benzo(g,h,i)perylene	27.345	276	617148	3.138	ng/u1	99

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

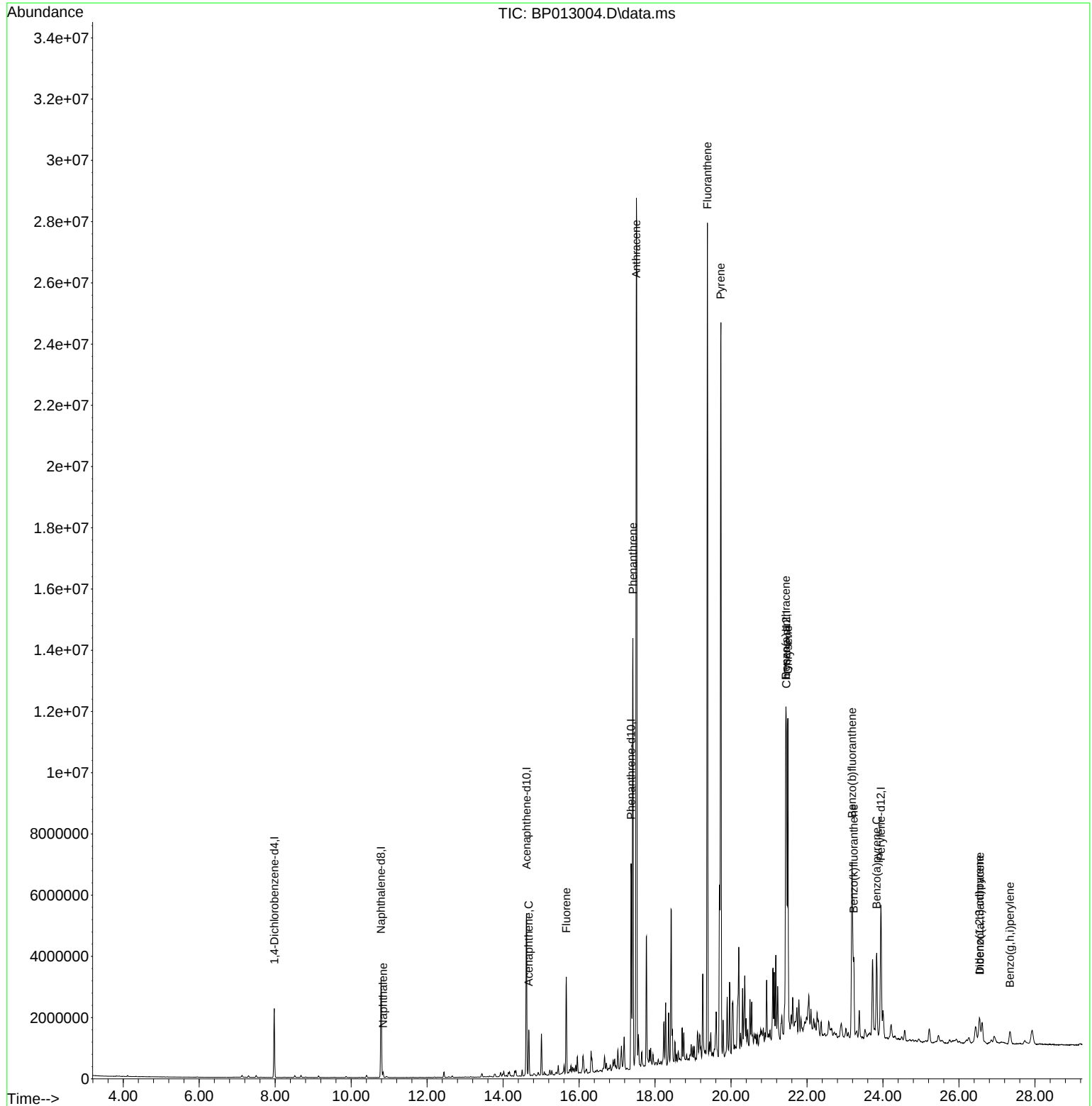
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013004.D
Acq On : 09 Dec 2022 02:47
Operator : CG/JU
Sample : N5832-09DL2 30X
Misc :
ALS Vial : 30 Sample Multiplier: 1

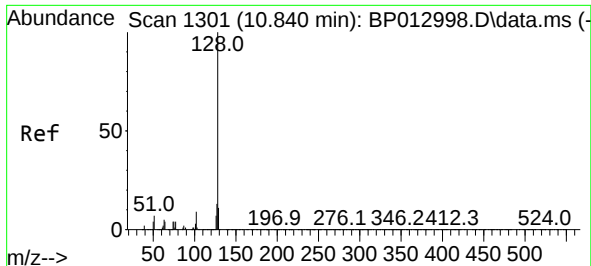
Instrument :
BNA_P
ClientSampleId :
DBXK6DL2

Quant Time: Dec 09 04:08:47 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

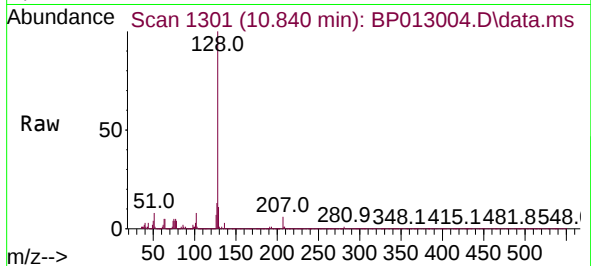
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022





#30
Naphthalene
Concen: 1.015 ng/ul
RT: 10.840 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP013004.D
Acq: 09 Dec 2022 02:47

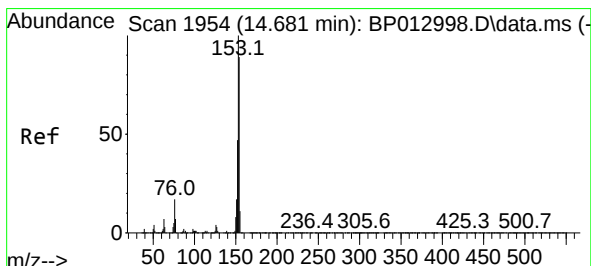
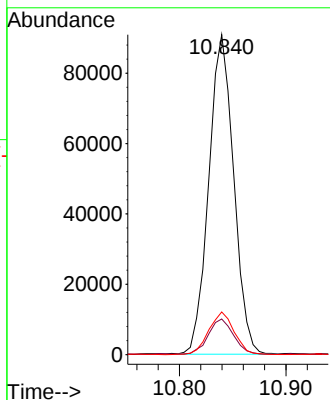
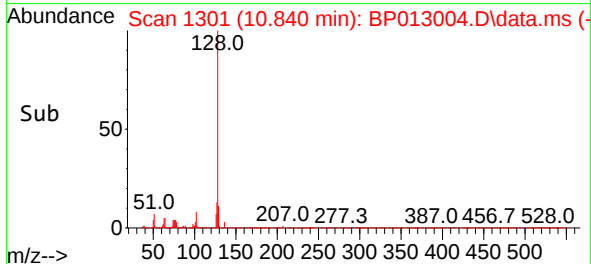
Instrument :
BNA_P
ClientSampleId :
DBXK6DL2



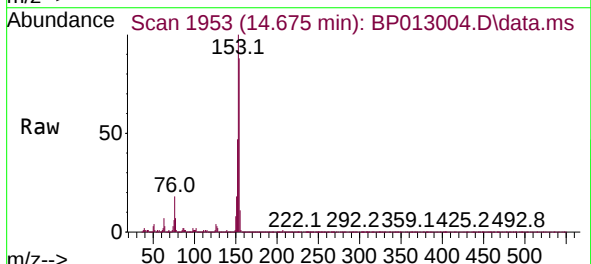
Tgt Ion:128 Resp: 147921
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.4 15.6

Manual Integrations
APPROVED

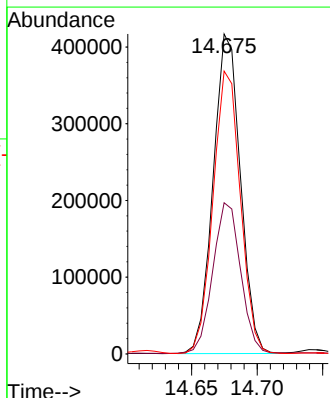
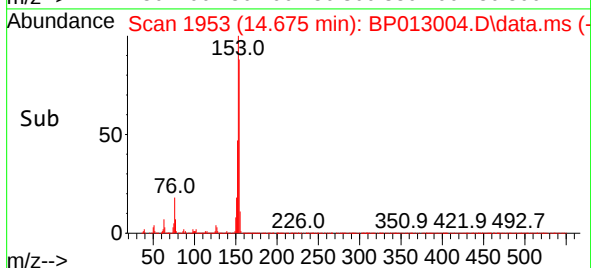
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

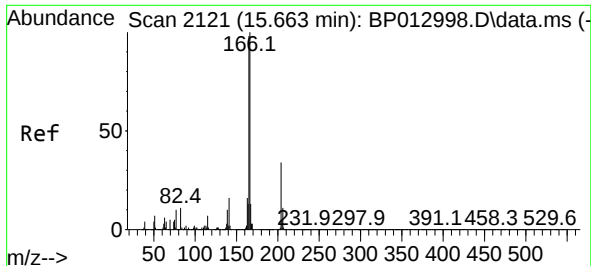


#52
Acenaphthene
Concen: 5.065 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013004.D
Acq: 09 Dec 2022 02:47



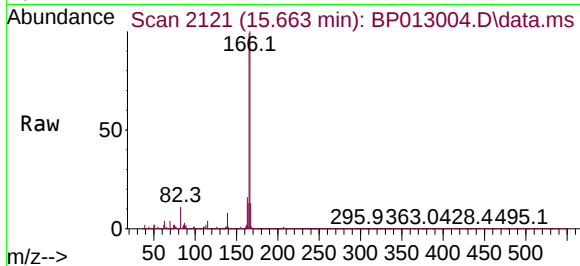
Tgt Ion:153 Resp: 602826
Ion Ratio Lower Upper
153 100
152 47.2 38.2 57.4
154 88.4 70.8 106.2





#61
Fluorene
Concen: 10.781 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP013004.D
Acq: 09 Dec 2022 02:47

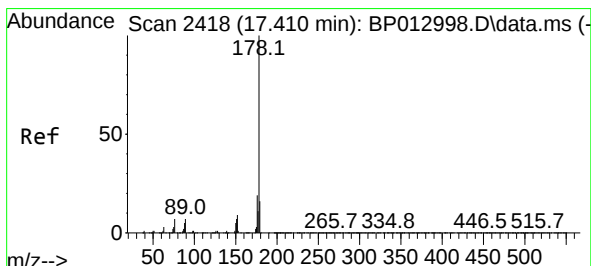
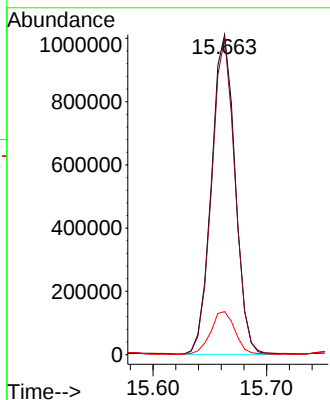
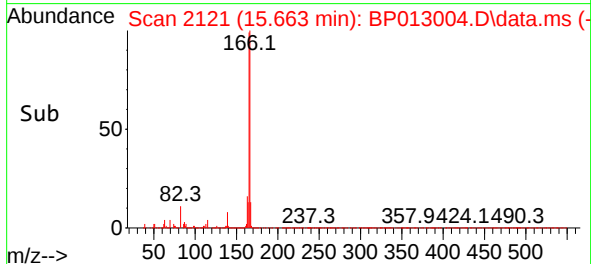
Instrument :
BNA_P
ClientSampleId :
DBXK6DL2



Tgt Ion:166 Resp: 1463054
Ion Ratio Lower Upper
166 100
165 99.0 77.4 116.2
167 13.4 10.6 16.0

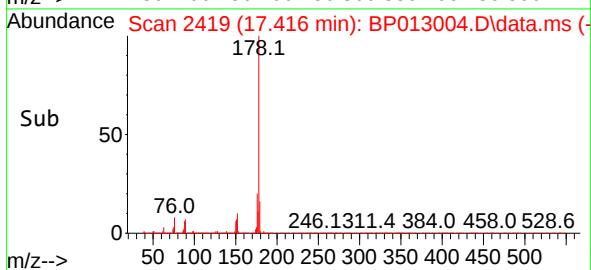
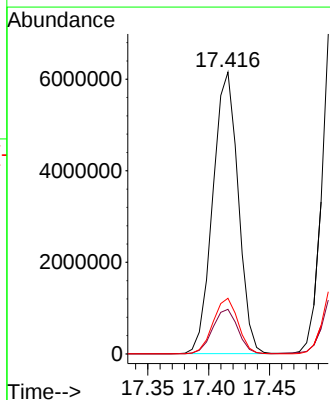
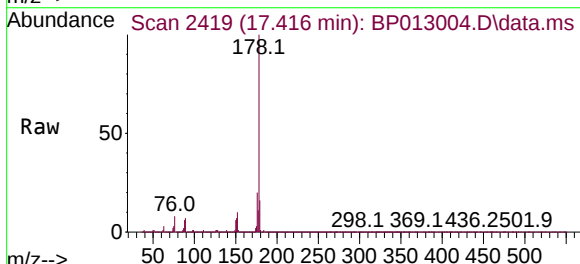
Manual Integrations
APPROVED

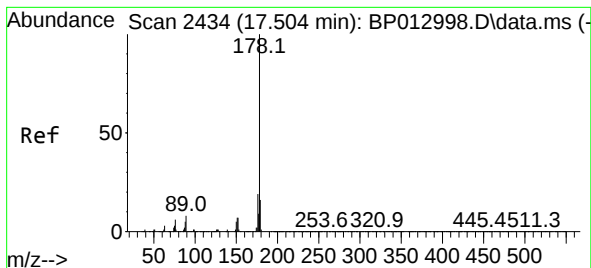
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#72
Phenanthrene
Concen: 40.347 ng/ul
RT: 17.416 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BP013004.D
Acq: 09 Dec 2022 02:47

Tgt Ion:178 Resp: 8909780
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.7 15.4 23.0





#74

Anthracene

Concen: 80.199 ng/ul m

RT: 17.504 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BP013004.D

Acq: 09 Dec 2022 02:47

Instrument :

BNA_P

ClientSampleId :

DBXK6DL2

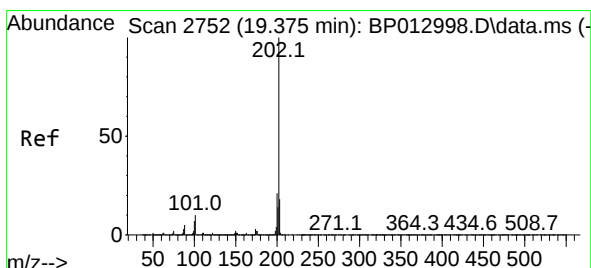
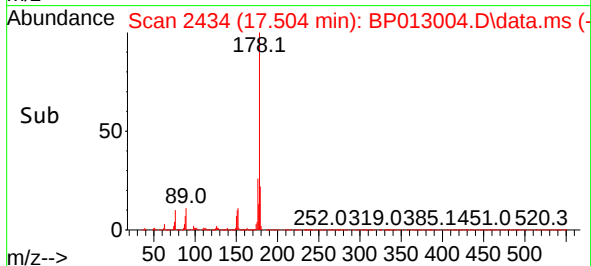
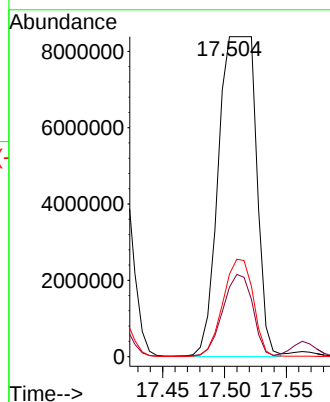
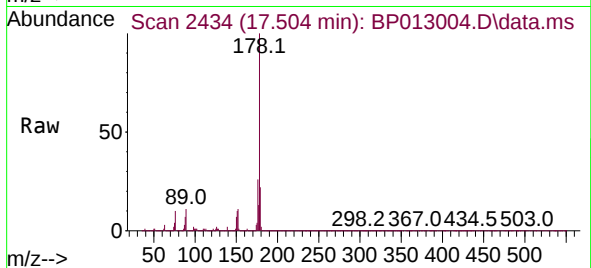
Tgt Ion:178 Resp:1768354

Ion	Ratio	Lower	Upper
178	100		
179	21.7	12.5	18.7
176	25.8	14.8	22.2

Manual Integrations

APPROVED

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



#80

Fluoranthene

Concen: 61.852 ng/ul m

RT: 19.375 min Scan# 2752

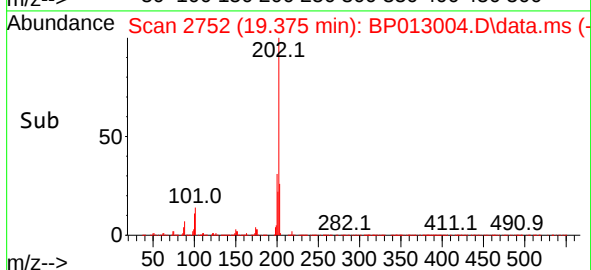
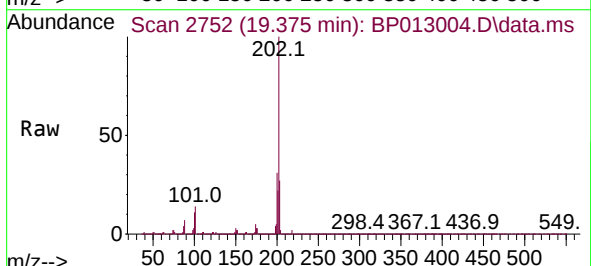
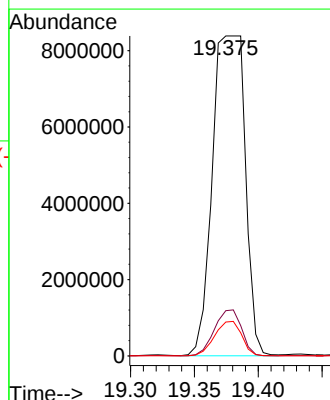
Delta R.T. 0.000 min

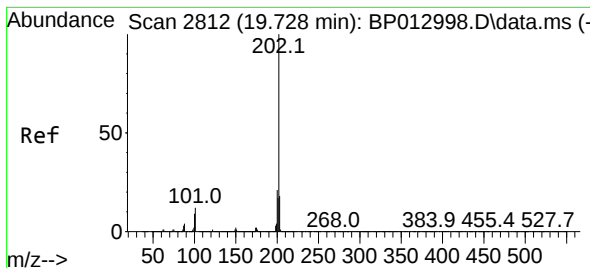
Lab File: BP013004.D

Acq: 09 Dec 2022 02:47

Tgt Ion:202 Resp:15074133

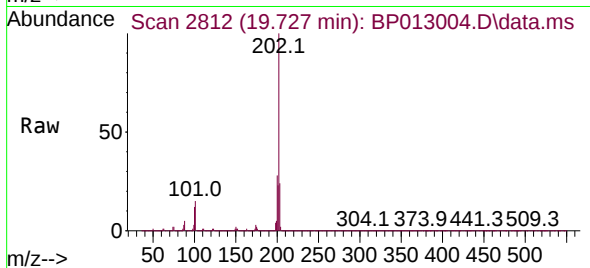
Ion	Ratio	Lower	Upper
202	100		
101	14.1	8.2	12.2
100	10.6	6.1	9.1





#82
Pyrene
Concen: 57.209 ng/ul
RT: 19.727 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BP013004.D
Acq: 09 Dec 2022 02:47

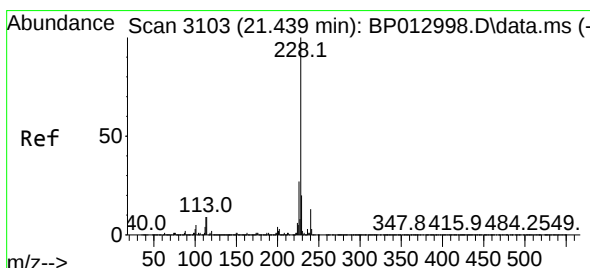
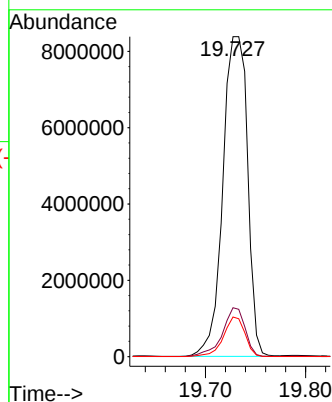
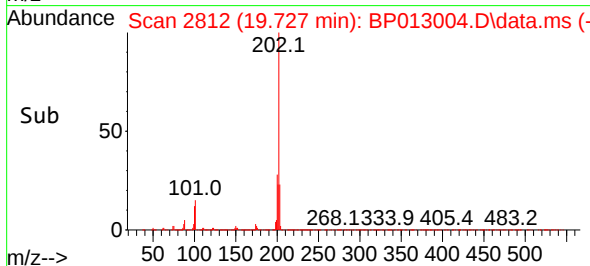
Instrument :
BNA_P
ClientSampleId :
DBXK6DL2



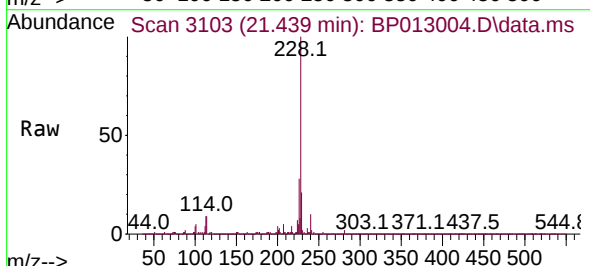
Tgt Ion:202 Resp:14382379
Ion Ratio Lower Upper
202 100
101 15.3 9.4 14.2
100 12.4 7.8 11.8

Manual Integrations
APPROVED

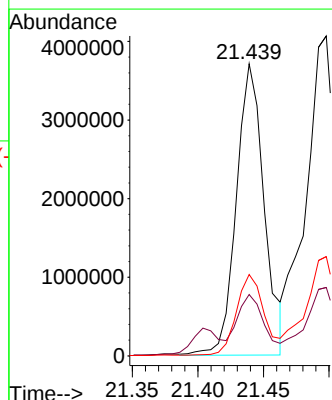
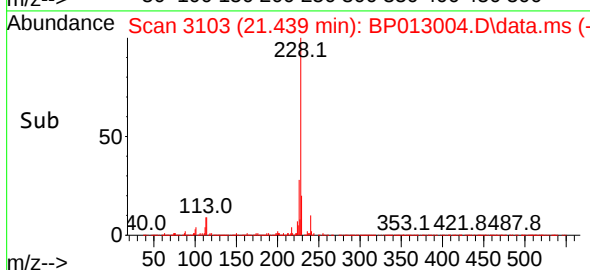
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

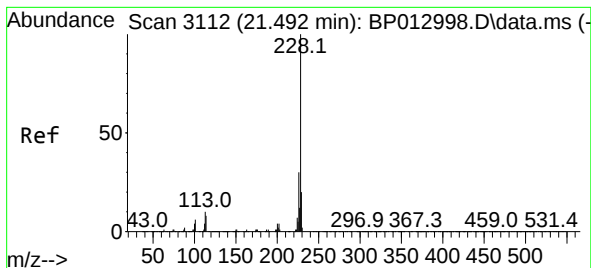


#85
Benzo(a)anthracene
Concen: 22.002 ng/ul
RT: 21.439 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP013004.D
Acq: 09 Dec 2022 02:47



Tgt Ion:228 Resp: 5463983
Ion Ratio Lower Upper
228 100
229 21.0 16.1 24.1
226 27.9 22.0 33.0





#87

Chrysene

Concen: 27.580 ng/ul

RT: 21.498 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP013004.D

Acq: 09 Dec 2022 02:47

Instrument :

BNA_P

ClientSampleId :

DBXK6DL2

Tgt Ion:228 Resp: 6477101

Ion Ratio Lower Upper

228 100

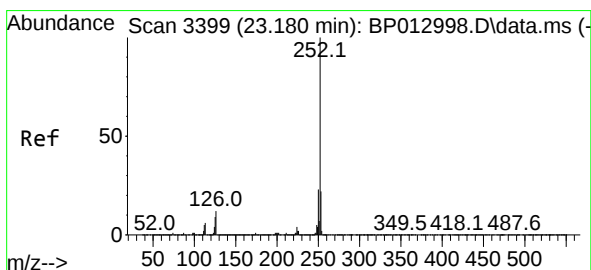
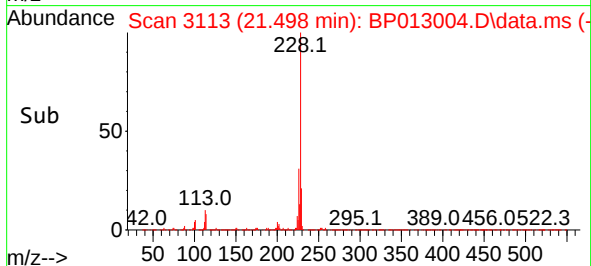
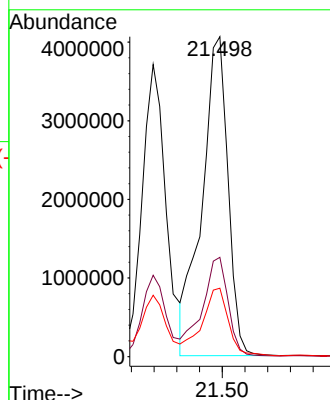
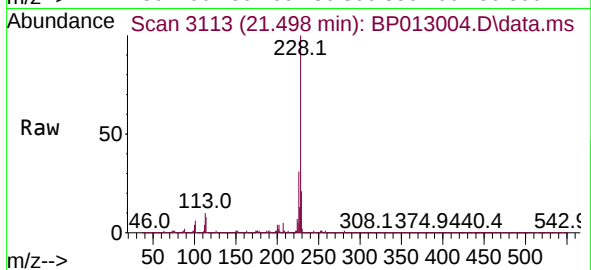
226 31.0 24.5 36.7

229 21.4 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: 24.906 ng/ul

RT: 23.186 min Scan# 3400

Delta R.T. 0.000 min

Lab File: BP013004.D

Acq: 09 Dec 2022 02:47

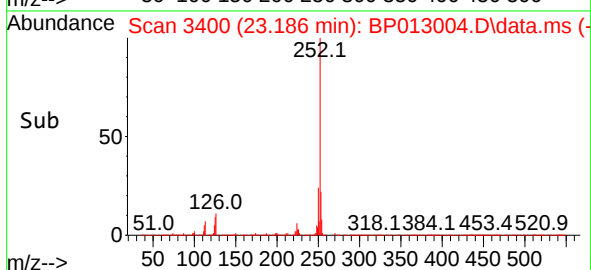
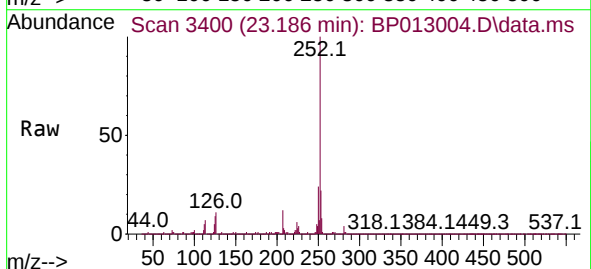
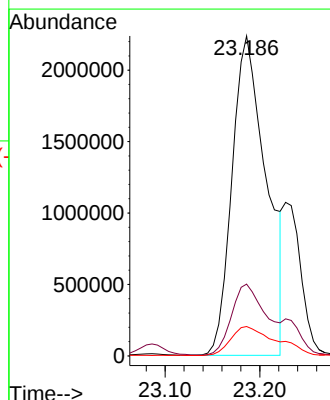
Tgt Ion:252 Resp: 5625560

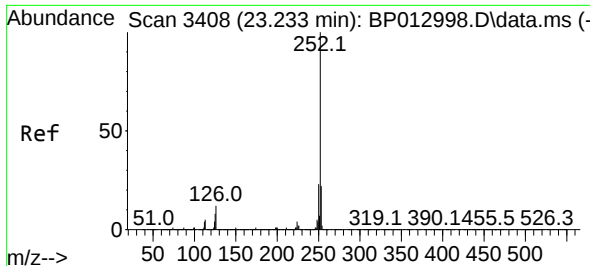
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

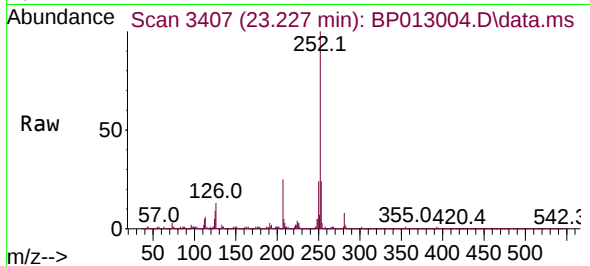
125 9.2 6.8 10.2





#91
Benzo(k)fluoranthene
Concen: 6.191 ng/ul m
RT: 23.227 min Scan# 3408
Delta R.T. -0.006 min
Lab File: BP013004.D
Acq: 09 Dec 2022 02:47

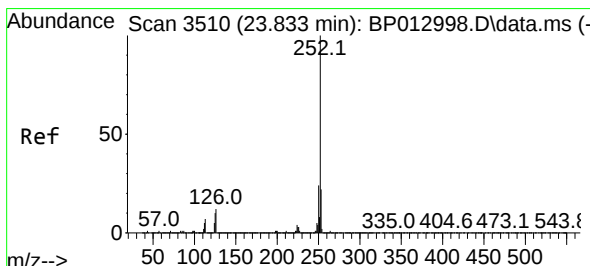
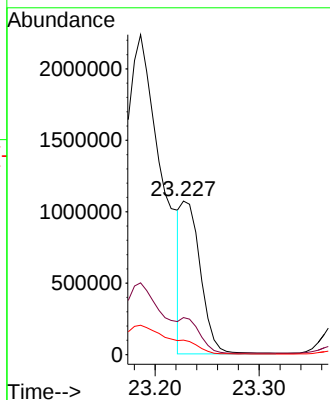
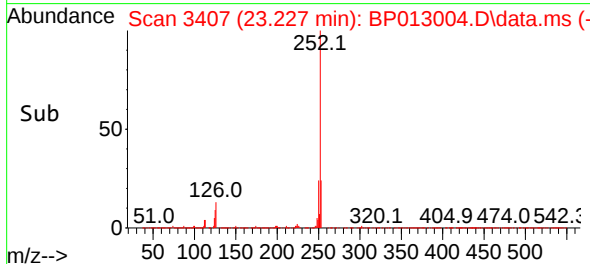
Instrument :
BNA_P
ClientSampleId :
DBXK6DL2



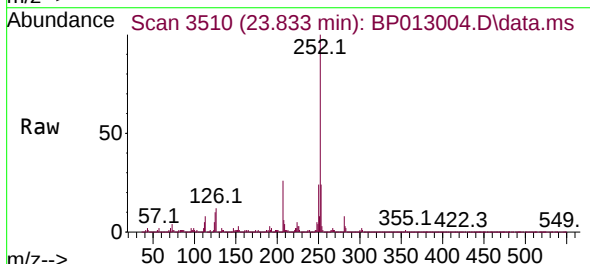
Tgt Ion:252 Resp: 1386702
Ion Ratio Lower Upper
252 100
253 24.1 17.7 26.5
125 9.4 6.8 10.2

Manual Integrations
APPROVED

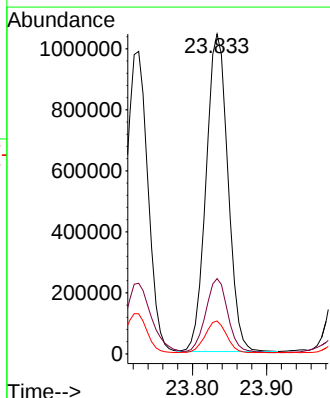
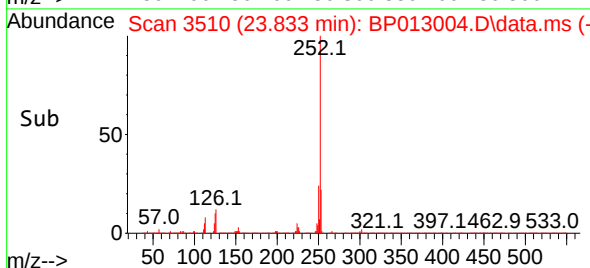
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

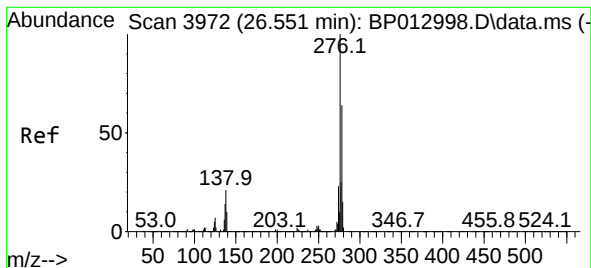


#93
Benzo(a)pyrene
Concen: 10.851 ng/ul
RT: 23.833 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BP013004.D
Acq: 09 Dec 2022 02:47



Tgt Ion:252 Resp: 2134140
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 10.3 7.5 11.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.640 ng/ul

RT: 26.539 min Scan# 3970

Delta R.T. -0.018 min

Lab File: BP013004.D

Acq: 09 Dec 2022 02:47

Instrument :

BNA_P

ClientSampleId :

DBXK6DL2

Tgt Ion:276 Resp: 891770

Ion Ratio Lower Upper

276 100

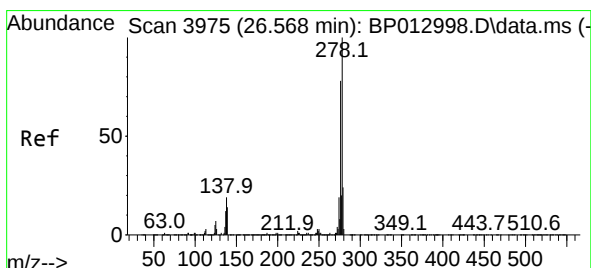
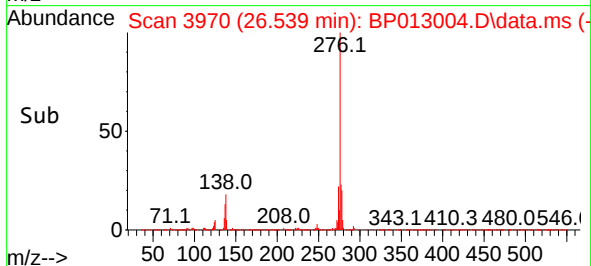
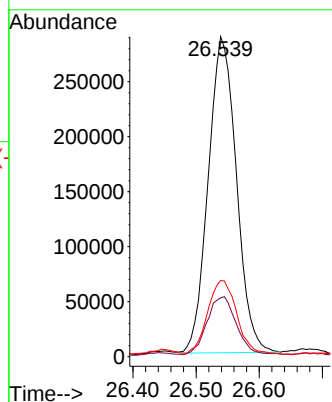
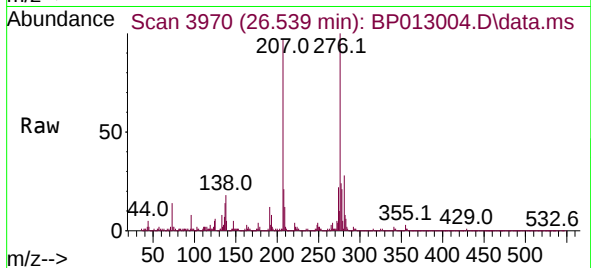
138 23.3 17.1 25.7

277 23.8 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: 1.166 ng/ul

RT: 26.551 min Scan# 3972

Delta R.T. -0.018 min

Lab File: BP013004.D

Acq: 09 Dec 2022 02:47

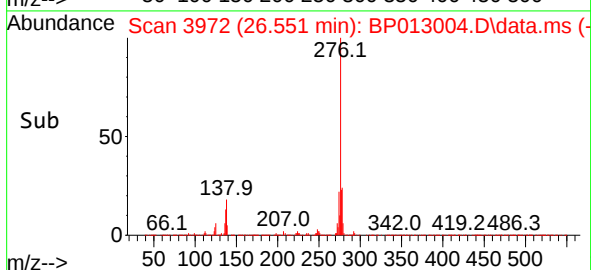
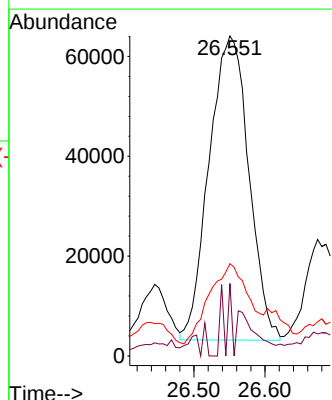
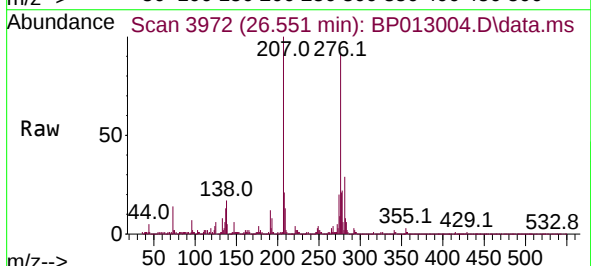
Tgt Ion:278 Resp: 236475

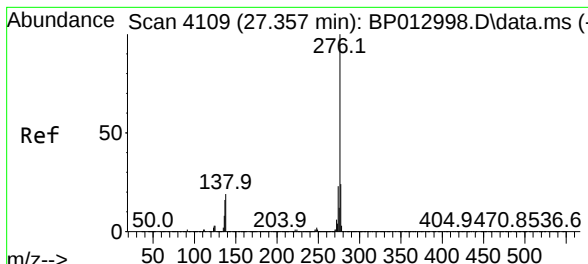
Ion Ratio Lower Upper

278 100

139 22.6 11.1 16.7#

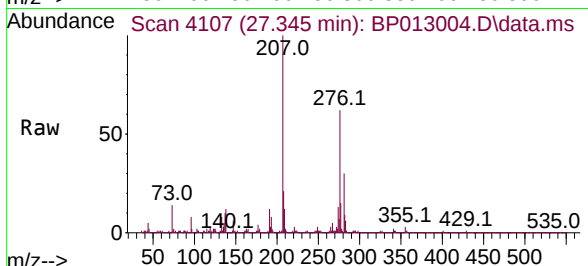
279 28.8 19.0 28.6#





#96
 Benzo(g,h,i)perylene
 Concen: 3.138 ng/ul
 RT: 27.345 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BP013004.D
 Acq: 09 Dec 2022 02:47

Instrument :
 BNA_P
 ClientSampleId :
 DBXK6DL2



Tgt Ion: 276 Resp: 617148
 Ion Ratio Lower Upper
 276 100
 138 19.9 15.4 23.2
 277 23.3 19.1 28.7

Manual Integrations
 APPROVED

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

