

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013006.D
 Acq On : 09 Dec 2022 03:55
 Operator : CG/JU
 Sample : N5832-12DL2 30X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXK9DL2

Quant Time: Dec 09 06:50:55 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	581204	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	2519785	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	1712263	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	3871432	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	3611933	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	3789553	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	2652	0.195	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.128	99	40719	0.860	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	27757	0.972	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	33020	0.886	ng/u1	-0.01
15) 4-Methylphenol-d8	8.681	113	31213	0.805	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	14247	0.770	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	15009	0.720	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.404	165	34269	0.846	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	21235	0.372	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	129476	0.984	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	127941	0.885	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.604	176	121244	1.089	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	9439	0.379	ng/u1	0.00
73) Anthracene-d10	17.469	188	198472	1.136	ng/u1	0.00
81) Pyrene-d10	19.698	212	232141	1.120	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.780	264	208619	1.104	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.840	128	152417	1.157	ng/u1	99
36) 2-Methylnaphthalene	12.445	142	94246	1.042	ng/u1	99
52) Acenaphthene	14.675	153	157496	1.462	ng/u1	98
61) Fluorene	15.663	166	644028	5.243	ng/u1	98
72) Phenanthrene	17.410	178	2632116	13.053	ng/u1	100
74) Anthracene	17.504	178	14099428	70.026	ng/u1	94
80) Fluoranthene	19.374	202	5799338	24.645	ng/u1	100
82) Pyrene	19.727	202	7648811	31.511	ng/u1	100
85) Benzo(a)anthracene	21.439	228	2155818	8.991	ng/u1	98
87) Chrysene	21.492	228	3397804	14.985	ng/u1	99
90) Benzo(b)fluoranthene	23.180	252	3658055	15.138	ng/u1	99
91) Benzo(k)fluoranthene	23.227	252	1014748m	4.235	ng/u1	
93) Benzo(a)pyrene	23.833	252	1501265	7.135	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.545	276	747586	2.852	ng/u1	97
96) Benzo(g,h,i)perylene	27.345	276	524722	2.494	ng/u1	99

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

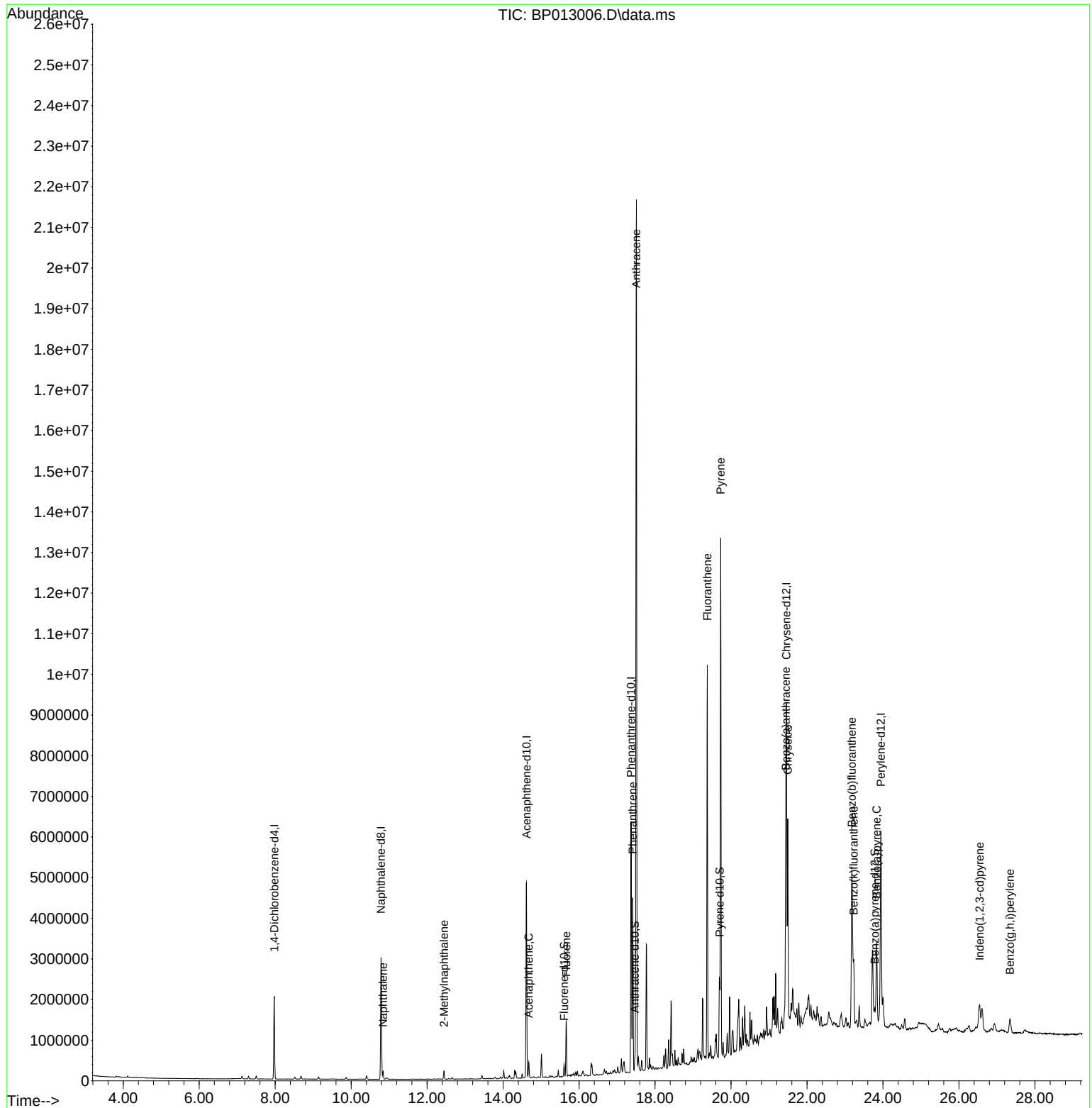
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013006.D
Acq On : 09 Dec 2022 03:55
Operator : CG/JU
Sample : N5832-12DL2 30X
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ALS Vial : 32 Sample Multiplier: 1

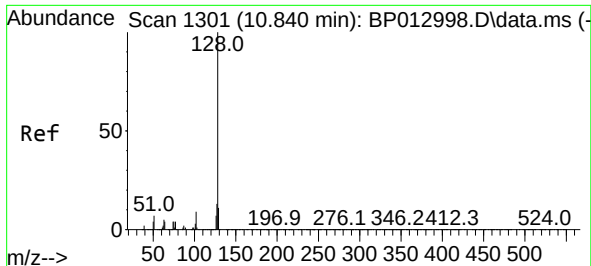
Instrument :
BNA_P
ClientSampleId :
DBXK9DL2

Quant Time: Dec 09 06:50:55 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

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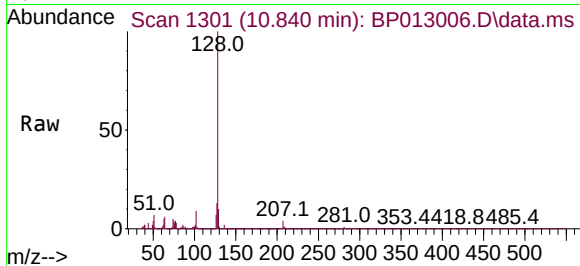
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022





#30
Naphthalene
Concen: 1.157 ng/ul
RT: 10.840 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP013006.D
Acq: 09 Dec 2022 03:55

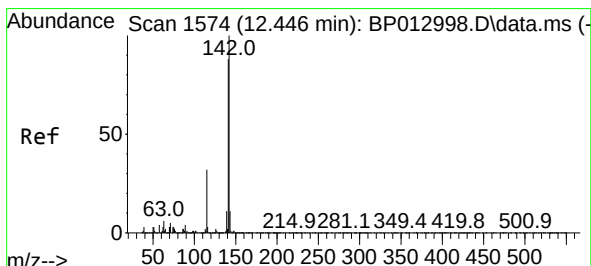
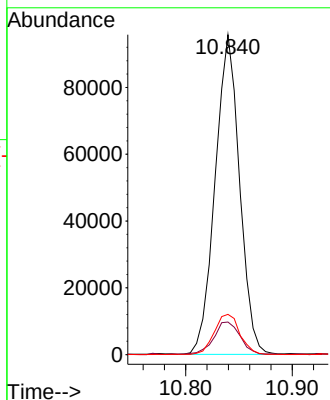
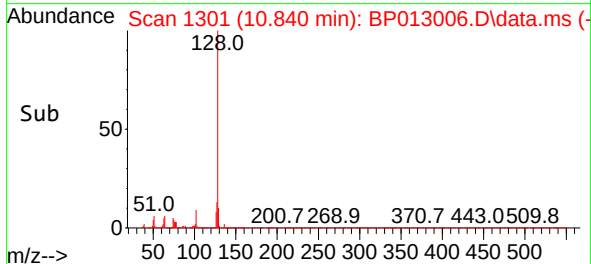
Instrument :
BNA_P
ClientSampleId :
DBXK9DL2



Tgt Ion:128 Resp: 152417
Ion Ratio Lower Upper
128 100
129 10.2 8.7 13.1
127 12.6 10.4 15.6

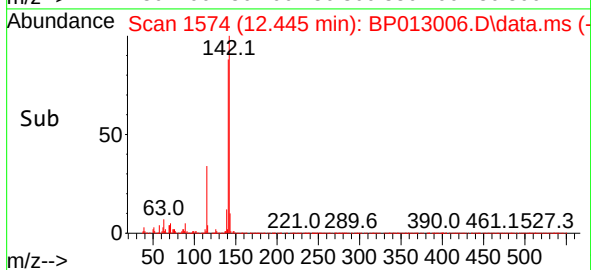
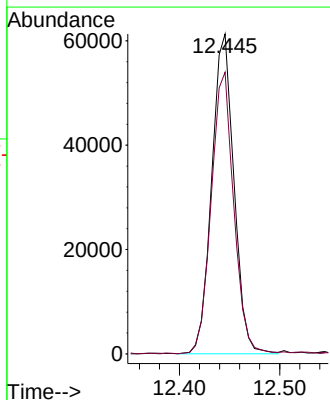
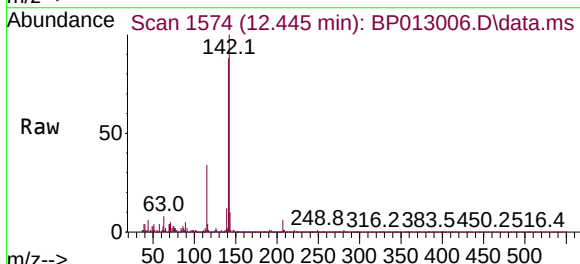
Manual Integrations
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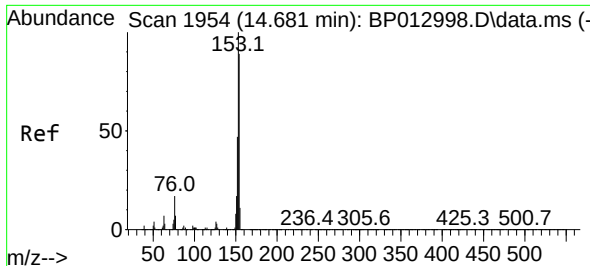
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#36
2-Methylnaphthalene
Concen: 1.042 ng/ul
RT: 12.445 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BP013006.D
Acq: 09 Dec 2022 03:55

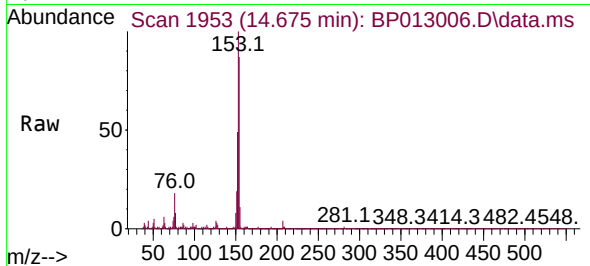
Tgt Ion:142 Resp: 94246
Ion Ratio Lower Upper
142 100
141 88.0 70.8 106.2





#52
Acenaphthene
Concen: 1.462 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013006.D
Acq: 09 Dec 2022 03:55

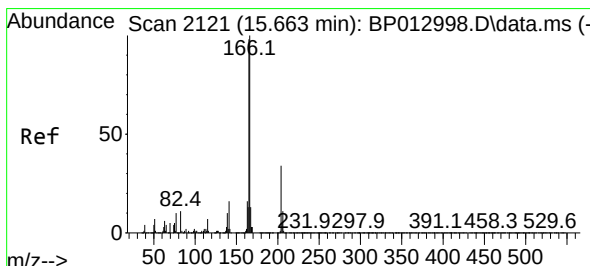
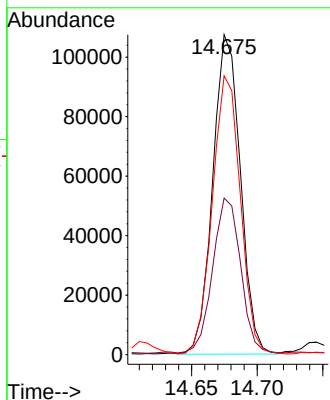
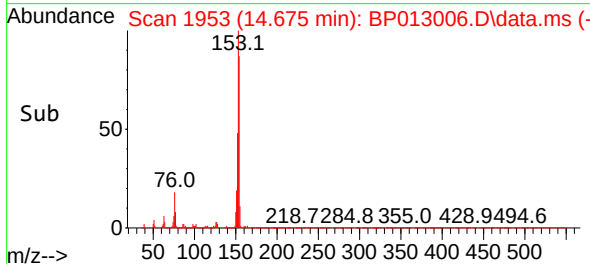
Instrument :
BNA_P
ClientSampleId :
DBXK9DL2



Tgt Ion:153 Resp: 157496
Ion Ratio Lower Upper
153 100
152 48.9 38.2 57.4
154 87.1 70.8 106.2

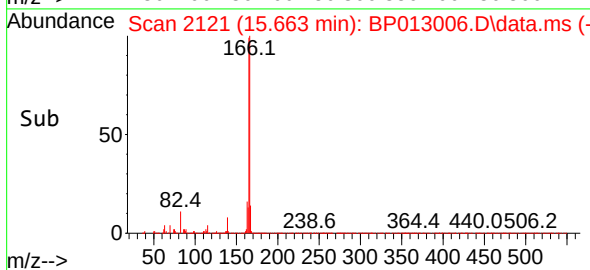
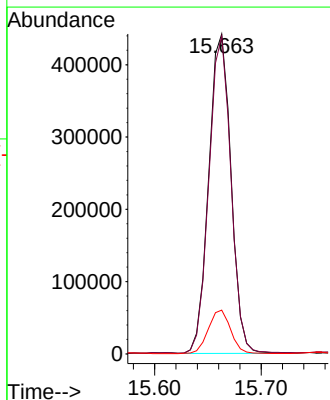
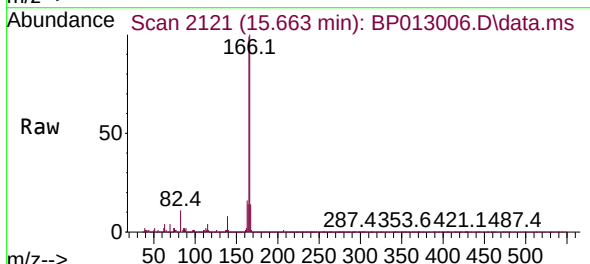
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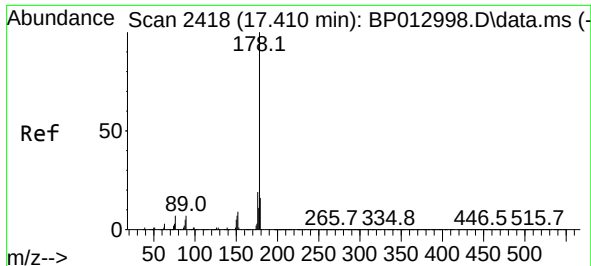
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#61
Fluorene
Concen: 5.243 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP013006.D
Acq: 09 Dec 2022 03:55

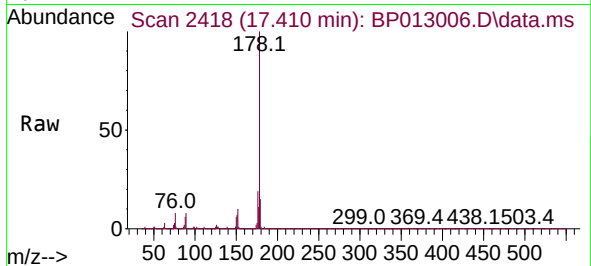
Tgt Ion:166 Resp: 644028
Ion Ratio Lower Upper
166 100
165 99.3 77.4 116.2
167 13.7 10.6 16.0





#72
Phenanthrene
Concen: 13.053 ng/ul
RT: 17.410 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP013006.D
Acq: 09 Dec 2022 03:55

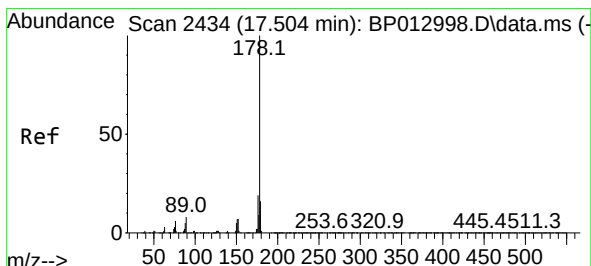
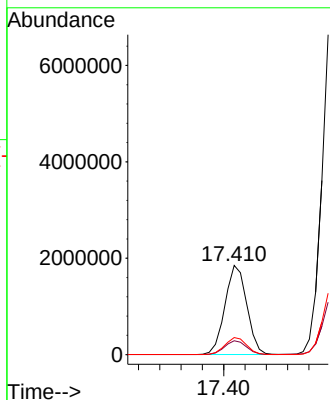
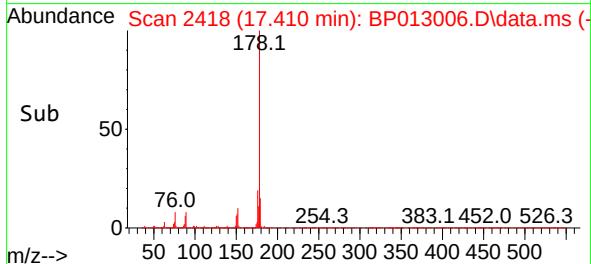
Instrument :
BNA_P
ClientSampleId :
DBXK9DL2



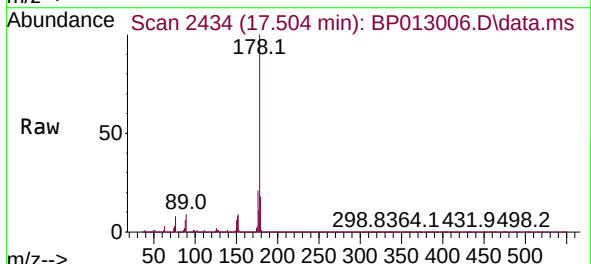
Tgt Ion:178 Resp: 2632116
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.1 15.4 23.0

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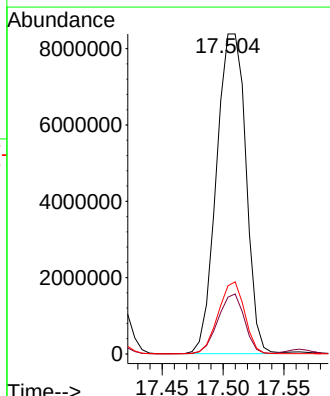
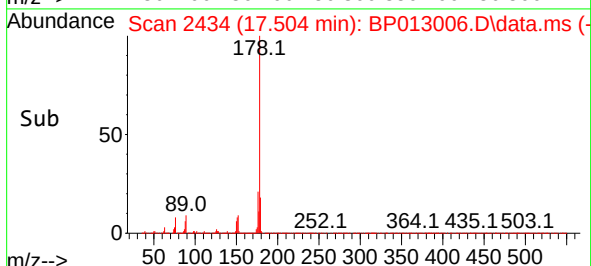
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

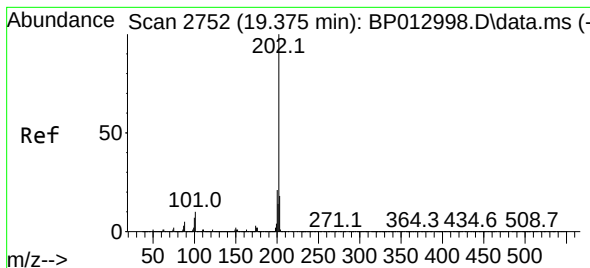


#74
Anthracene
Concen: 70.026 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP013006.D
Acq: 09 Dec 2022 03:55



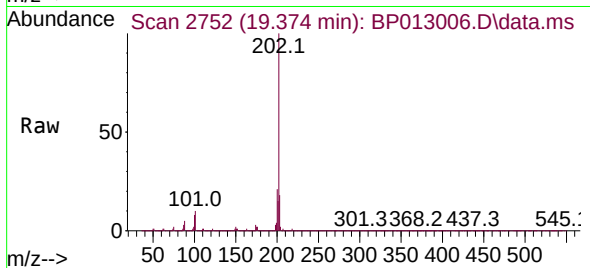
Tgt Ion:178 Resp:14099428
Ion Ratio Lower Upper
178 100
179 17.7 12.5 18.7
176 21.3 14.8 22.2





#80
Fluoranthene
Concen: 24.645 ng/ul
RT: 19.374 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013006.D
Acq: 09 Dec 2022 03:55

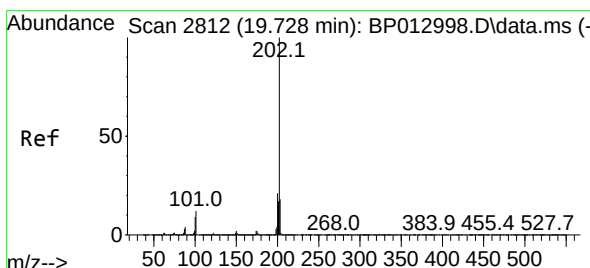
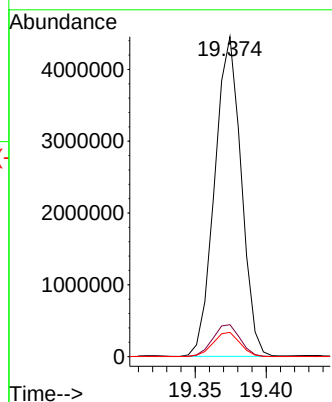
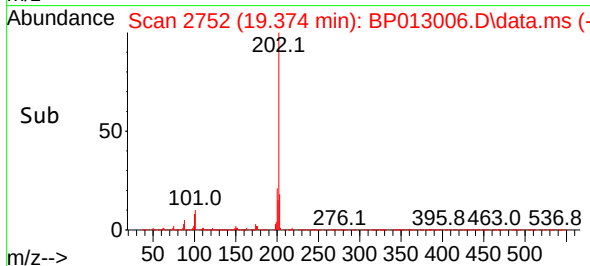
Instrument :
BNA_P
ClientSampleId :
DBXK9DL2



Tgt Ion:202 Resp: 5799338
Ion Ratio Lower Upper
202 100
101 10.0 8.2 12.2
100 7.6 6.1 9.1

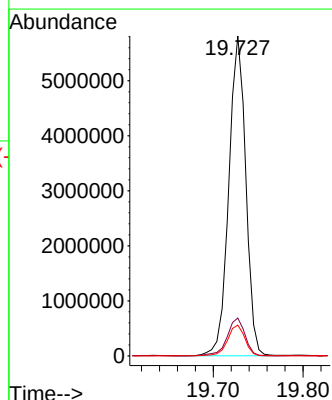
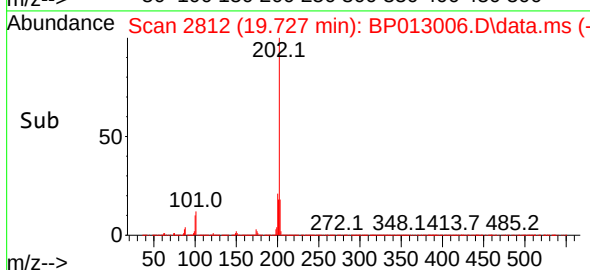
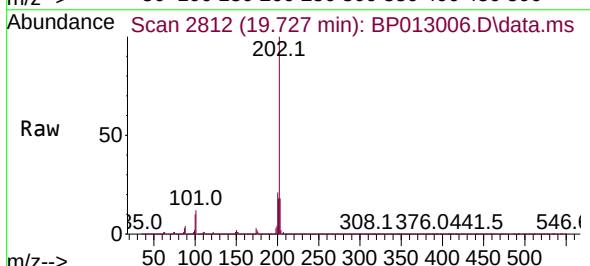
Manual Integrations
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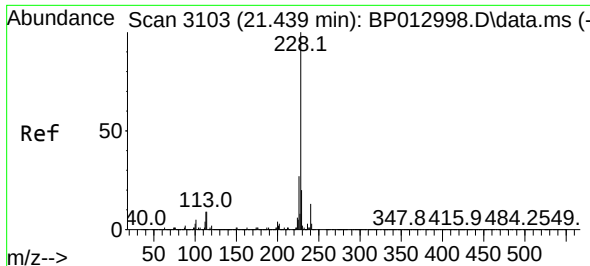
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#82
Pyrene
Concen: 31.511 ng/ul
RT: 19.727 min Scan# 2812
Delta R.T. -0.000 min
Lab File: BP013006.D
Acq: 09 Dec 2022 03:55

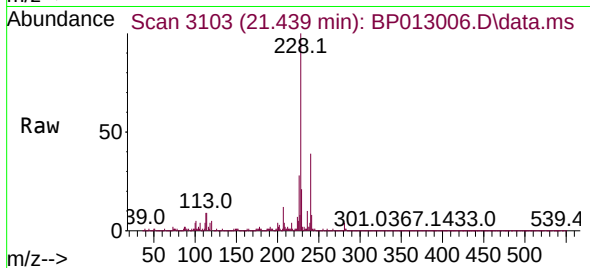
Tgt Ion:202 Resp: 7648811
Ion Ratio Lower Upper
202 100
101 11.8 9.4 14.2
100 9.6 7.8 11.8





#85
Benzo(a)anthracene
Concen: 8.991 ng/ul
RT: 21.439 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP013006.D
Acq: 09 Dec 2022 03:55

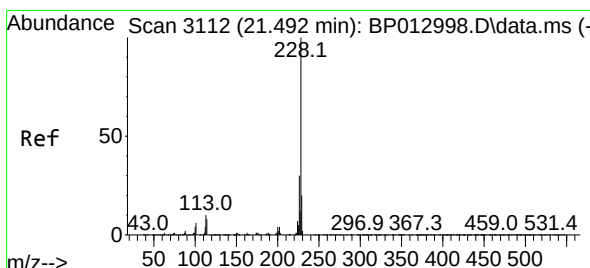
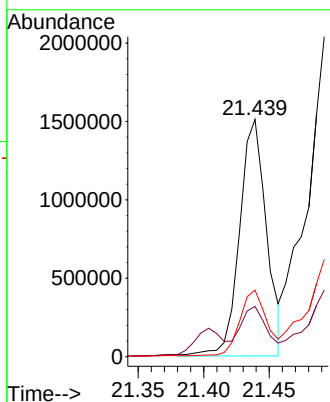
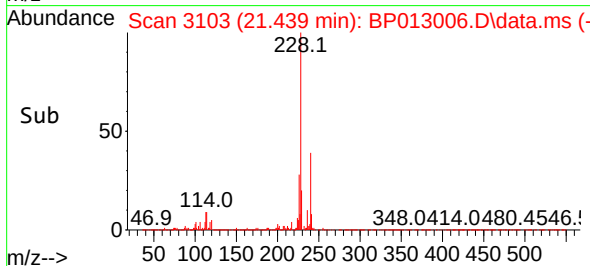
Instrument :
BNA_P
ClientSampleId :
DBXK9DL2



Tgt Ion:228 Resp: 2155818
Ion Ratio Lower Upper
228 100
229 21.2 16.1 24.1
226 28.0 22.0 33.0

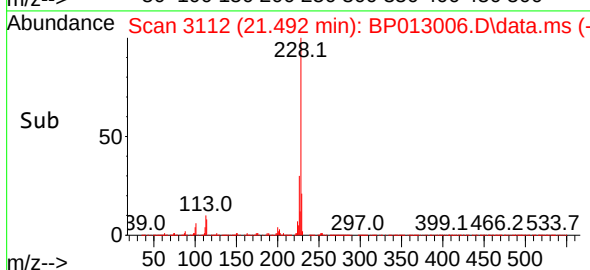
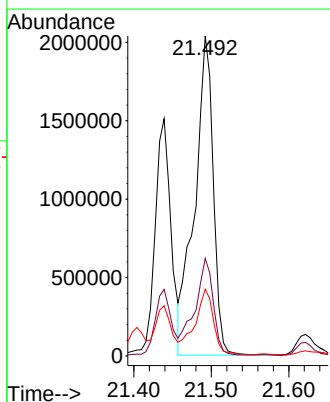
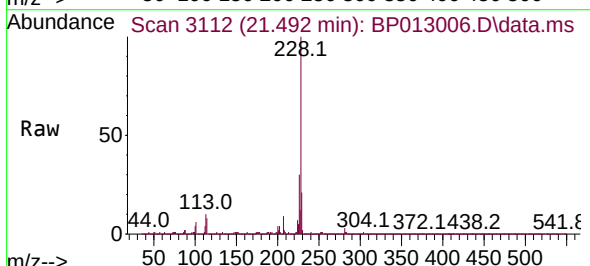
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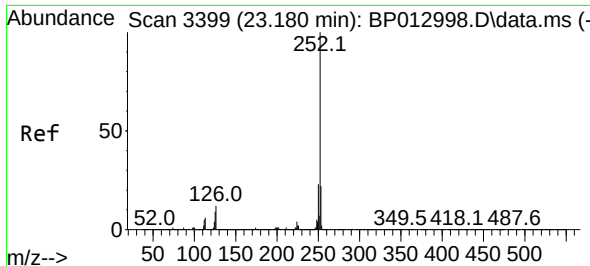
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#87
Chrysene
Concen: 14.985 ng/ul
RT: 21.492 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP013006.D
Acq: 09 Dec 2022 03:55

Tgt Ion:228 Resp: 3397804
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 20.8 16.0 24.0





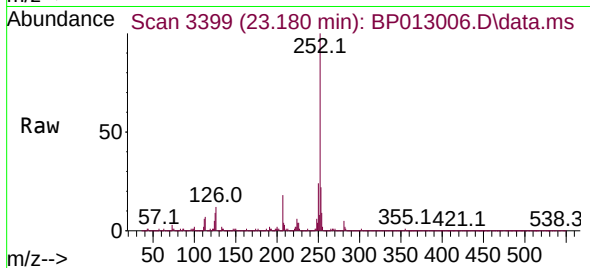
#90
Benzo(b)fluoranthene
Concen: 15.138 ng/ul
RT: 23.180 min Scan# 3399
Delta R.T. -0.006 min
Lab File: BP013006.D
Acq: 09 Dec 2022 03:55

Instrument :

BNA_P

ClientSampleId :

DBXK9DL2

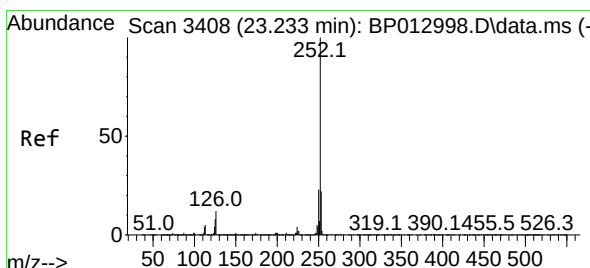
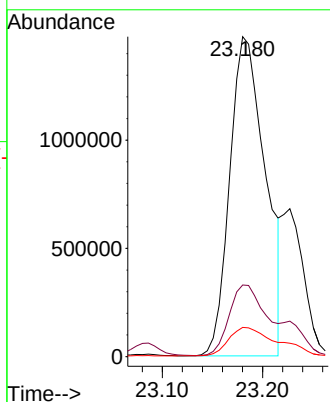
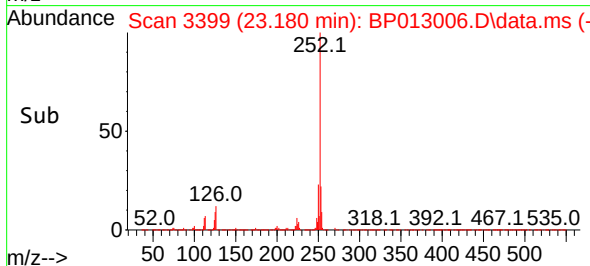


Tgt Ion:252 Resp: 3658055
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 9.1 6.8 10.2

Manual Integrations

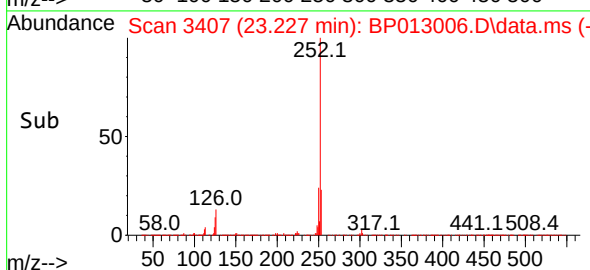
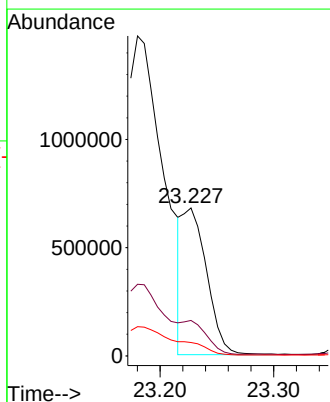
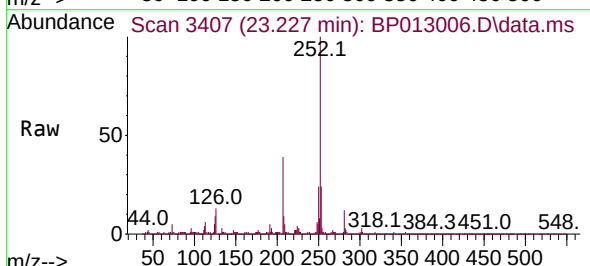
APPROVED

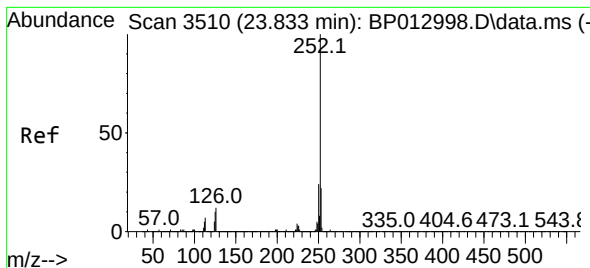
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#91
Benzo(k)fluoranthene
Concen: 4.235 ng/ul m
RT: 23.227 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BP013006.D
Acq: 09 Dec 2022 03:55

Tgt Ion:252 Resp: 1014748
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 9.1 6.8 10.2





#93

Benzo(a)pyrene

Concen: 7.135 ng/ul

RT: 23.833 min Scan# 3510

Delta R.T. -0.006 min

Lab File: BP013006.D

Acq: 09 Dec 2022 03:55

Instrument :

BNA_P

ClientSampleId :

DBXK9DL2

Tgt Ion:252 Resp: 1501265

Ion Ratio Lower Upper

252 100

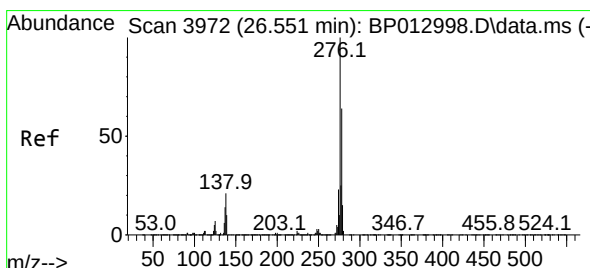
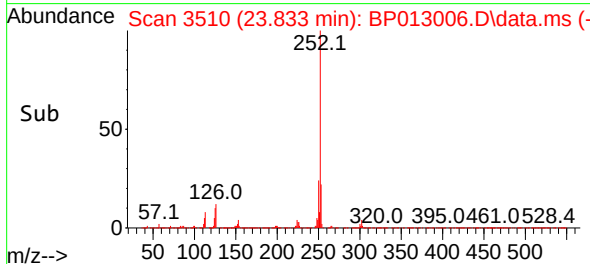
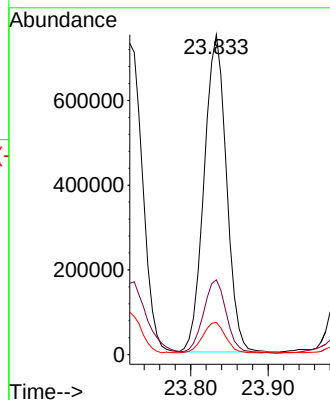
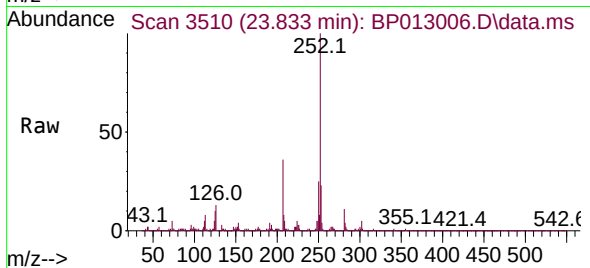
253 23.4 17.5 26.3

125 10.1 7.5 11.3

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.852 ng/ul

RT: 26.545 min Scan# 3971

Delta R.T. -0.012 min

Lab File: BP013006.D

Acq: 09 Dec 2022 03:55

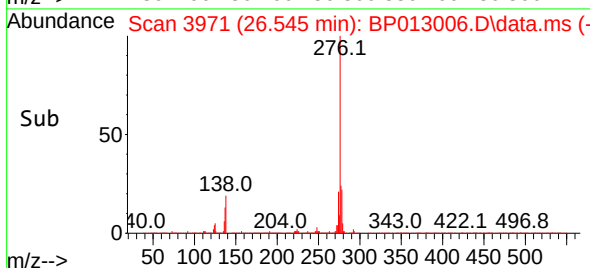
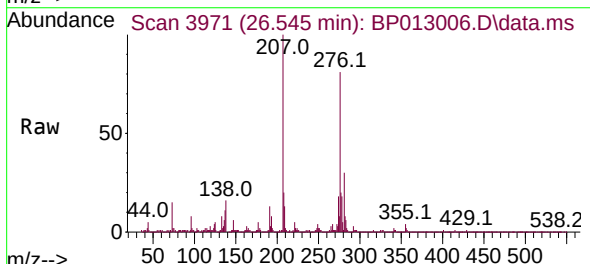
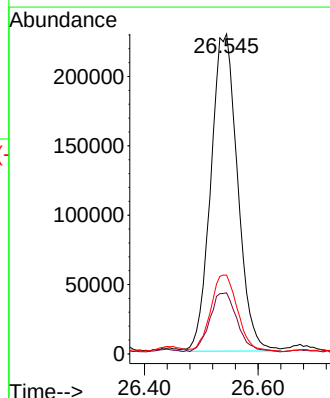
Tgt Ion:276 Resp: 747586

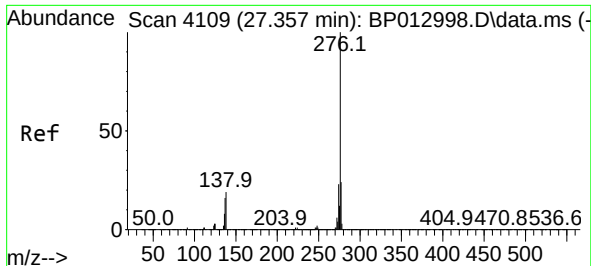
Ion Ratio Lower Upper

276 100

138 19.1 17.1 25.7

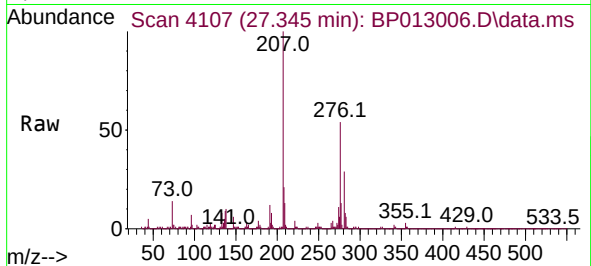
277 24.6 20.0 30.0





#96
 Benzo(g,h,i)perylene
 Concen: 2.494 ng/ul
 RT: 27.345 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BP013006.D
 Acq: 09 Dec 2022 03:55

Instrument :
 BNA_P
 ClientSampleId :
 DBXK9DL2



Tgt Ion:276 Resp: 524722
 Ion Ratio Lower Upper
 276 100
 138 18.9 15.4 23.2
 277 23.7 19.1 28.7

Manual Integrations
 APPROVED

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

