

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
 Data File : BP013036.D
 Acq On : 10 Dec 2022 13:03
 Operator : CG/JU
 Sample : N5726-08 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXP0

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 23:49:52 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	677148	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.787	136	2951593	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	1959627	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	4260128	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	3491762	20.000	ng/u1	0.00
88) Perylene-d12	23.939	264	3207982	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	8067	0.509	ng/uL	0.00
4) Pyridine-d5	3.793	84	65059	1.446	ng/u1	0.00
7) Phenol-d5	7.122	99	139312	2.526	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.293	67	90917	2.733	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.499	132	116795	2.690	ng/u1	-0.01
15) 4-Methylphenol-d8	8.675	113	113353	2.508	ng/u1	-0.01
21) Nitrobenzene-d5	9.140	128	53407	2.463	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	57207	2.343	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.404	165	121185	2.555	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	132901	1.985	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	432795	2.874	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	449356	2.715	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	31536	1.164	ng/u1	0.00
60) Fluorene-d10	15.604	176	385362	3.025	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	37091	1.353	ng/u1	0.00
73) Anthracene-d10	17.469	188	613639m	3.193	ng/u1	0.00
81) Pyrene-d10	19.698	212	690365	3.444	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.780	264	489906	3.064	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.834	128	323365	2.095	ng/u1	99
36) 2-Methylnaphthalene	12.440	142	220545	2.083	ng/u1	99
50) Acenaphthylene	14.334	152	245423	1.379	ng/u1	100
52) Acenaphthene	14.675	153	710214	5.760	ng/u1	100
61) Fluorene	15.657	166	2456914	17.476	ng/u1	99
72) Phenanthrene	17.410	178	9847903	44.381	ng/u1	99
74) Anthracene	17.498	178	22123636m	99.854	ng/u1	
80) Fluoranthene	19.369	202	16359133m	71.914	ng/u1	
82) Pyrene	19.722	202	16031729m	68.320	ng/u1	
85) Benzo(a)anthracene	21.439	228	5912694	25.508	ng/u1	98
87) Chrysene	21.492	228	9573052	43.671	ng/u1	99
90) Benzo(b)fluoranthene	23.180	252	7101101	34.713	ng/u1	98
91) Benzo(k)fluoranthene	23.227	252	1871396m	9.226	ng/u1	
93) Benzo(a)pyrene	23.833	252	2885590	16.200	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.539	276	1378938	6.215	ng/u1	97
95) Dibenzo(a,h)anthracene	26.539	278	368852	2.008	ng/u1#	83
96) Benzo(g,h,i)perylene	27.339	276	955620	5.365	ng/u1	99

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

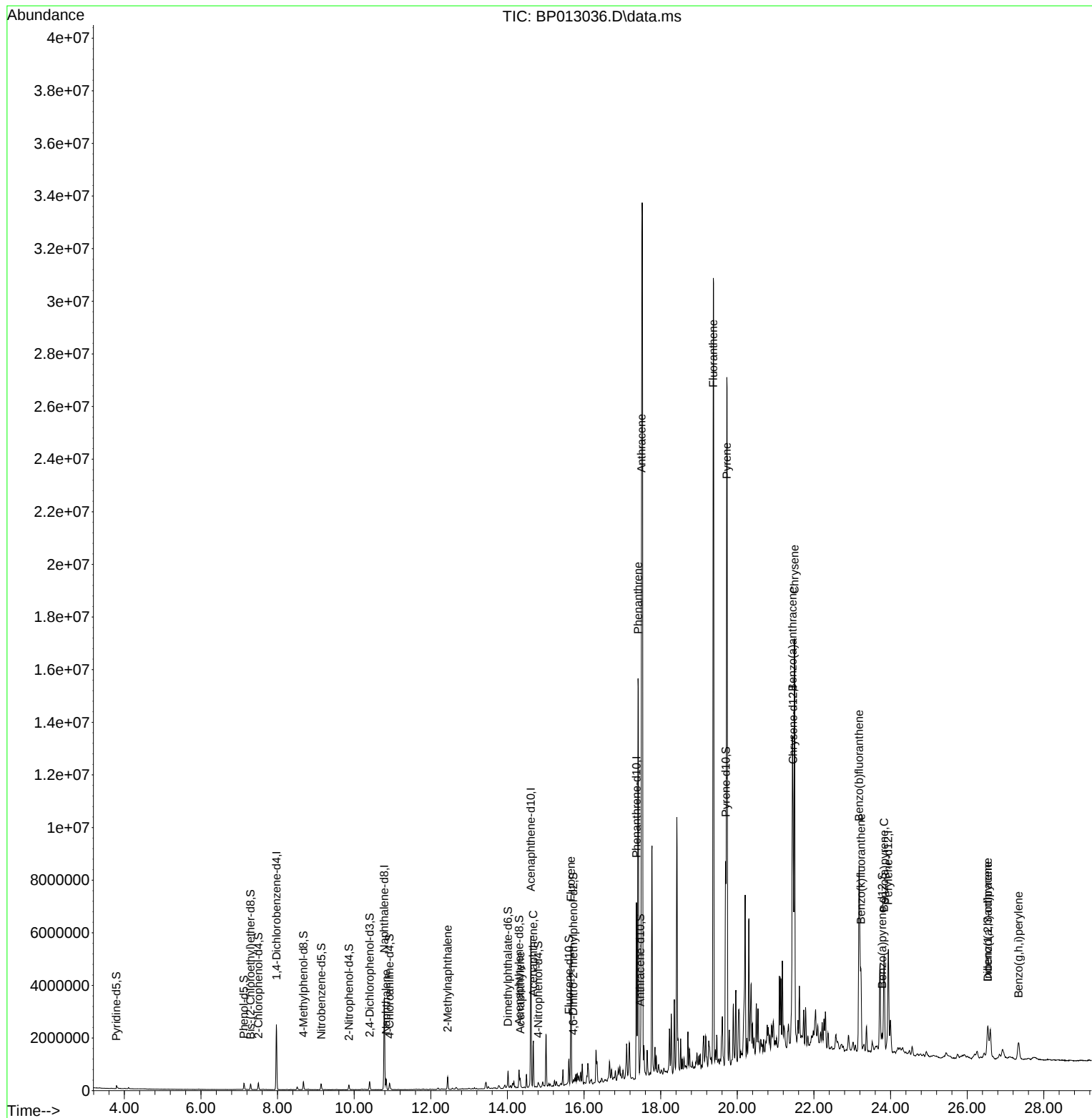
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013036.D
Acq On : 10 Dec 2022 13:03
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Sample : N5726-08 10X
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ALS Vial : 7 Sample Multiplier: 1

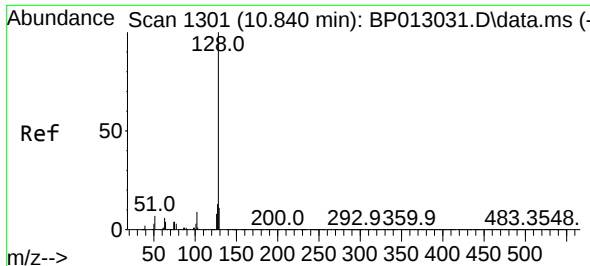
Instrument :
BNA_P
ClientSampleId :
DBXP0

Quant Time: Dec 11 23:49:52 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
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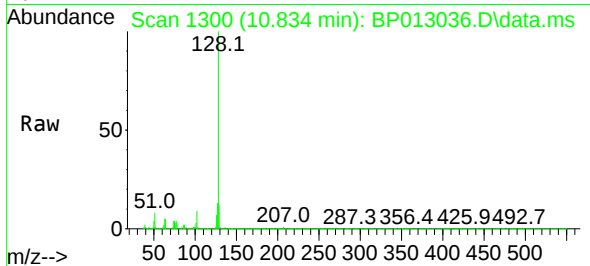
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022





#30
Naphthalene
Concen: 2.095 ng/ul
RT: 10.834 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP013036.D
Acq: 10 Dec 2022 13:03

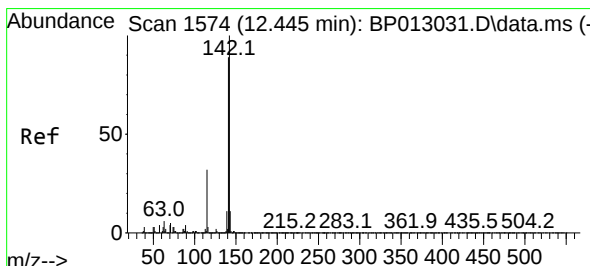
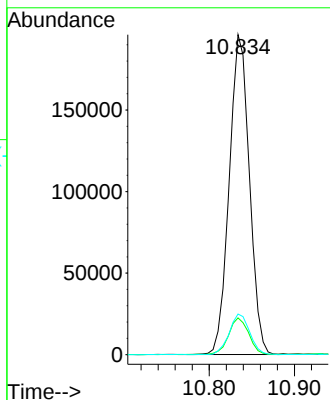
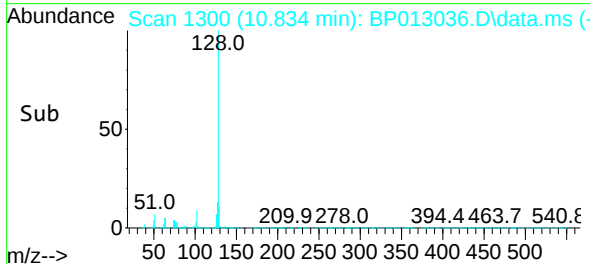
Instrument :
BNA_P
ClientSampleId :
DBXP0



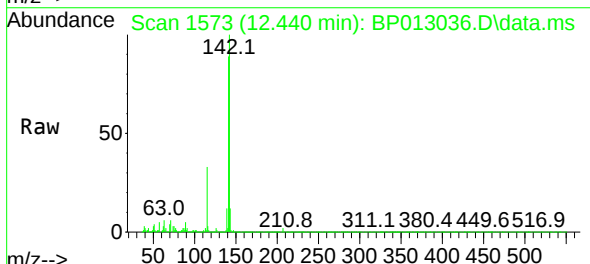
Tgt Ion:128 Resp: 32336
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 12.7 10.4 15.6

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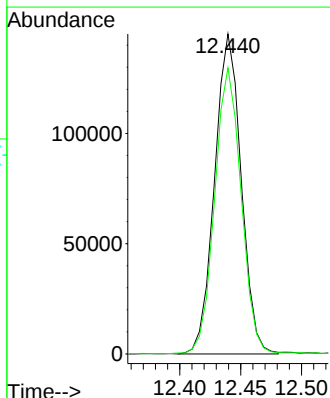
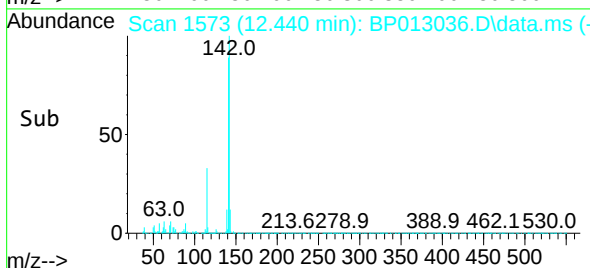
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

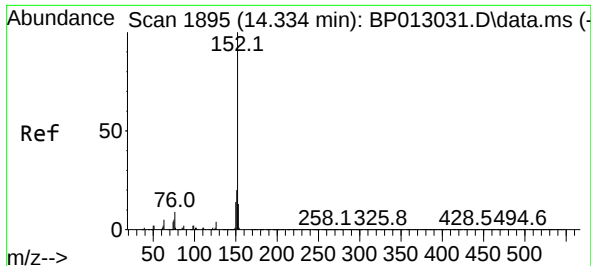


#36
2-Methylnaphthalene
Concen: 2.083 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BP013036.D
Acq: 10 Dec 2022 13:03



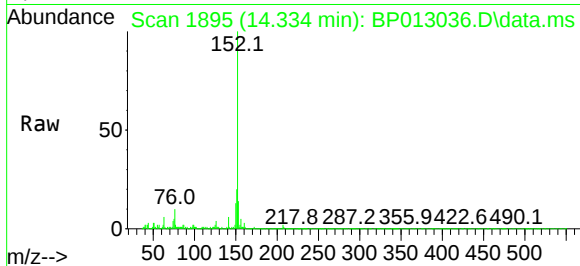
Tgt Ion:142 Resp: 220545
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2





#50
Acenaphthylene
Concen: 1.379 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP013036.D
Acq: 10 Dec 2022 13:03

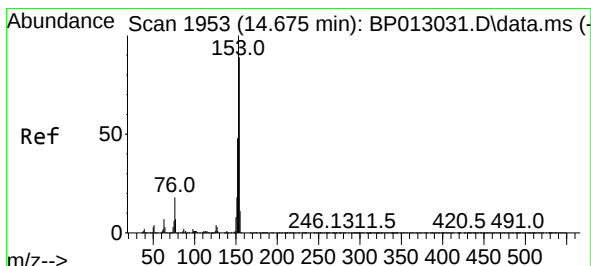
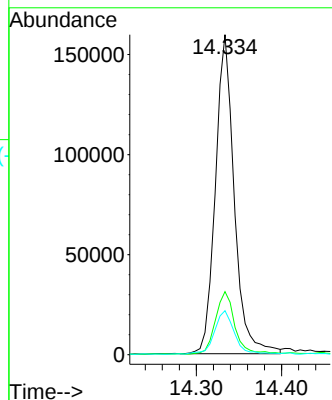
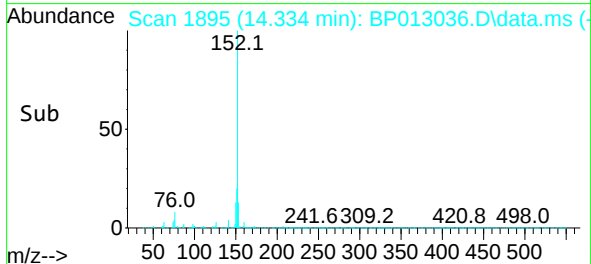
Instrument : BNA_P
ClientSampleId : DBXP0



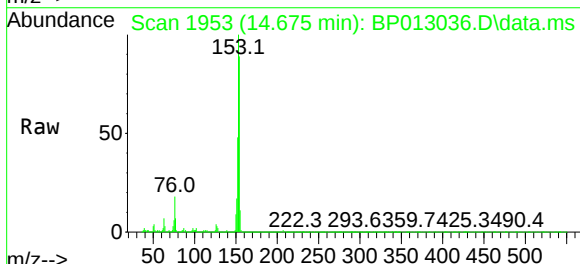
Tgt Ion:152 Resp: 24542
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.7 10.6 16.0

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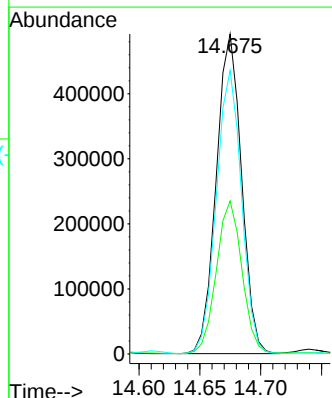
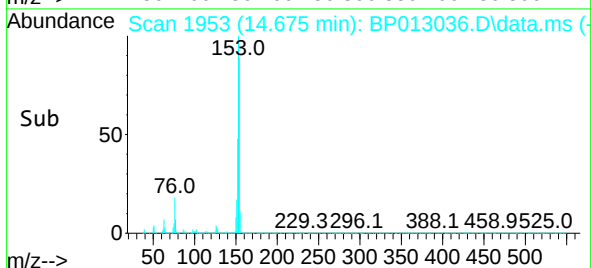
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

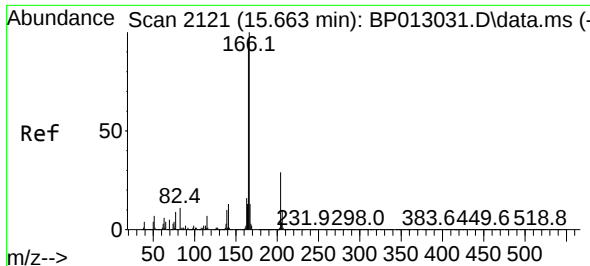


#52
Acenaphthene
Concen: 5.760 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013036.D
Acq: 10 Dec 2022 13:03



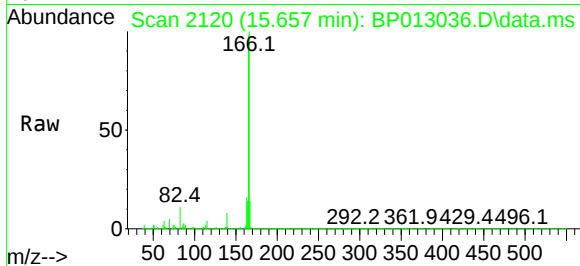
Tgt Ion:153 Resp: 710214
Ion Ratio Lower Upper
153 100
152 47.8 38.2 57.4
154 88.6 70.8 106.2





#61
Fluorene
Concen: 17.476 ng/ul
RT: 15.657 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BP013036.D
Acq: 10 Dec 2022 13:03

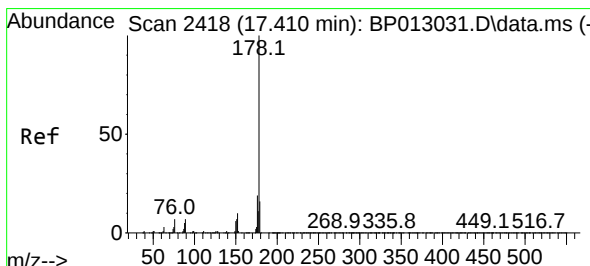
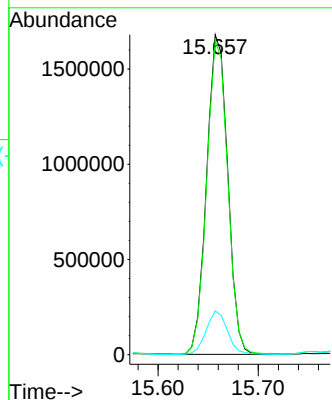
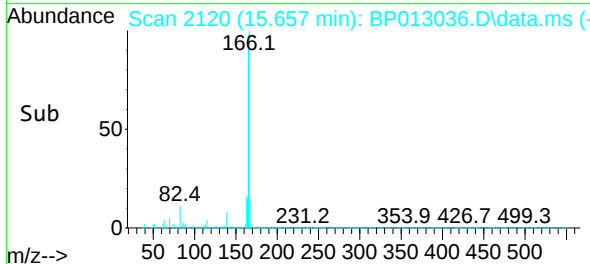
Instrument :
BNA_P
ClientSampleId :
DBXP0



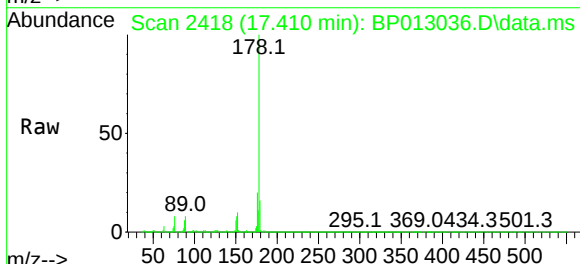
Tgt Ion:166 Resp: 2456914
Ion Ratio Lower Upper
166 100
165 98.2 77.4 116.2
167 13.7 10.6 16.0

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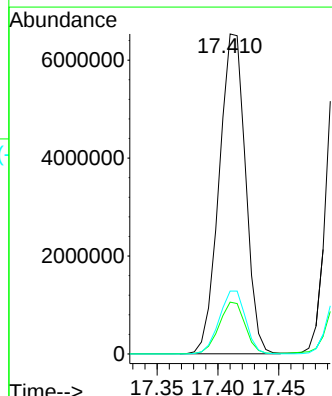
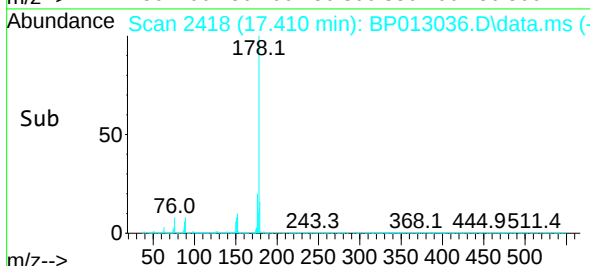
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

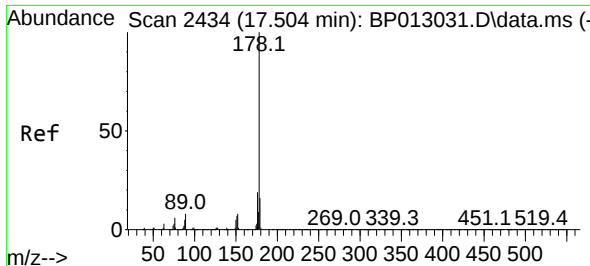


#72
Phenanthrene
Concen: 44.381 ng/ul
RT: 17.410 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP013036.D
Acq: 10 Dec 2022 13:03



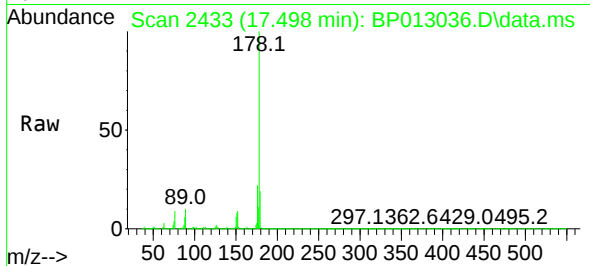
Tgt Ion:178 Resp: 9847903
Ion Ratio Lower Upper
178 100
179 16.2 12.5 18.7
176 19.7 15.4 23.0





#74
 Anthracene
 Concen: 99.854 ng/ul m
 RT: 17.498 min Scan# 2433
 Delta R.T. -0.012 min
 Lab File: BP013036.D
 Acq: 10 Dec 2022 13:03

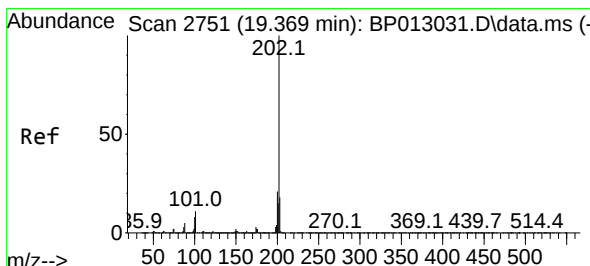
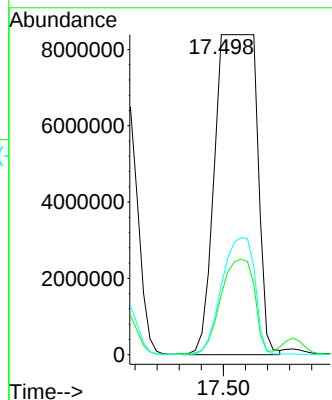
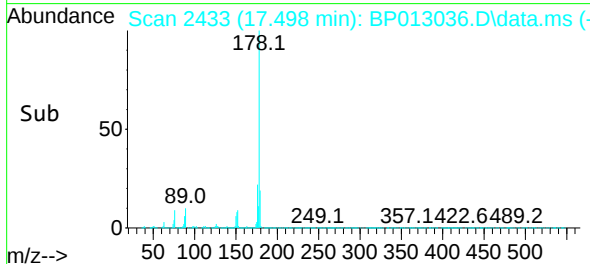
Instrument :
 BNA_P
 ClientSampleId :
 DBXP0



Tgt Ion:178 Resp:22123630
 Ion Ratio Lower Upper
 178 100
 179 18.9 12.5 18.7
 176 21.8 14.8 22.2

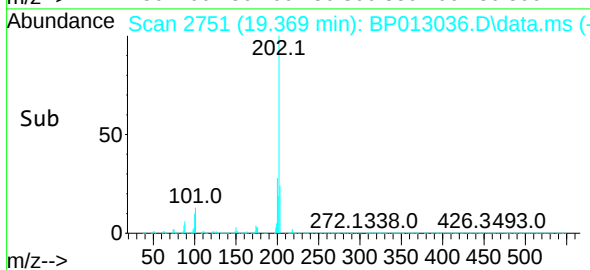
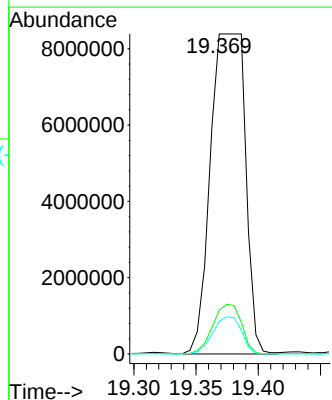
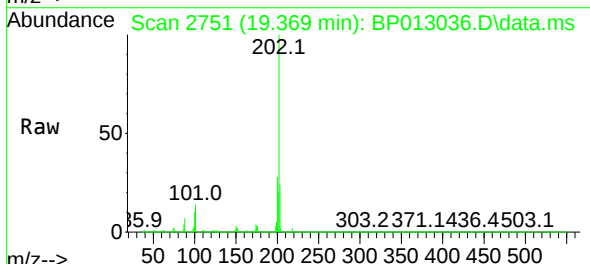
Manual Integrations
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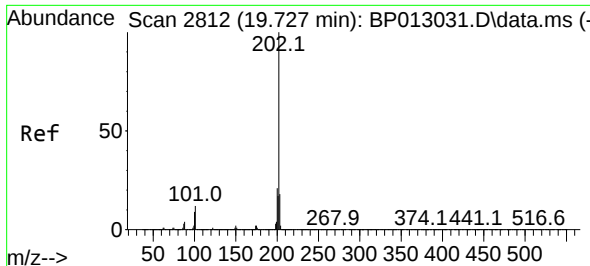
Reviewed By :Jagrut Upadhyay 12/12/2022
 Supervised By :mohammad ahmed 12/12/2022



#80
 Fluoranthene
 Concen: 71.914 ng/ul m
 RT: 19.369 min Scan# 2751
 Delta R.T. -0.006 min
 Lab File: BP013036.D
 Acq: 10 Dec 2022 13:03

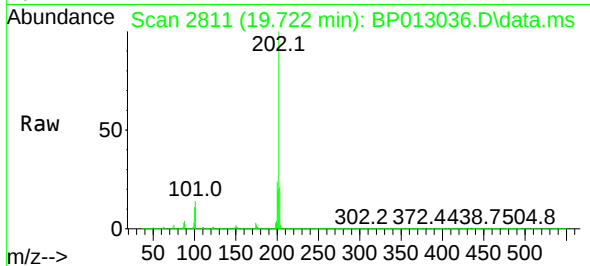
Tgt Ion:202 Resp:16359133
 Ion Ratio Lower Upper
 202 100
 101 13.7 8.2 12.2#
 100 10.2 6.1 9.1#





#82
Pyrene
Concen: 68.320 ng/ul m
RT: 19.722 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BP013036.D
Acq: 10 Dec 2022 13:03

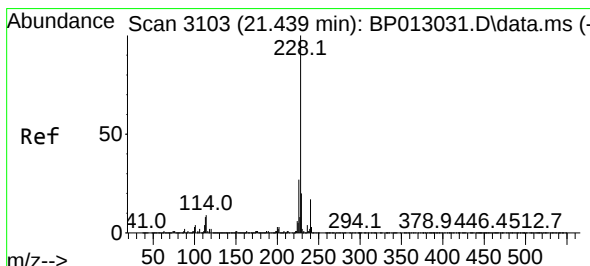
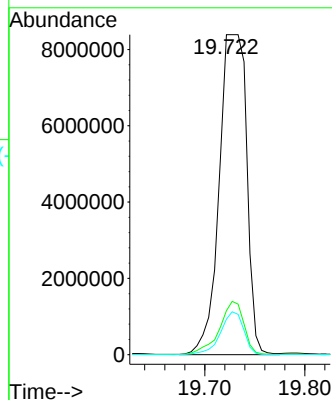
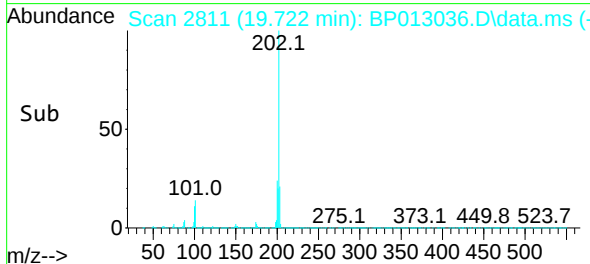
Instrument :
BNA_P
ClientSampleId :
DBXP0



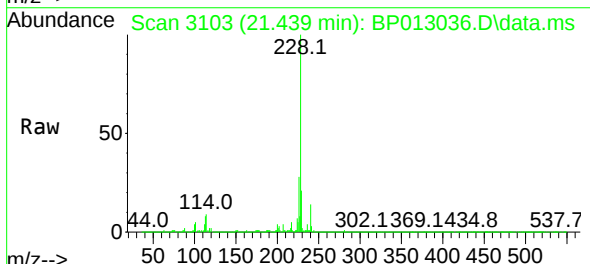
Tgt Ion:202 Resp:16031729
Ion Ratio Lower Upper
202 100
101 13.8 9.4 14.2
100 11.1 7.8 11.8

Manual Integrations
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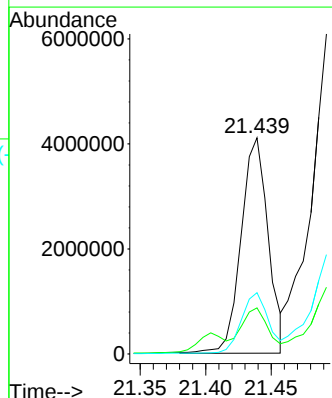
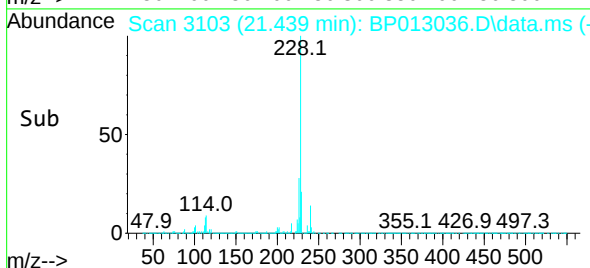
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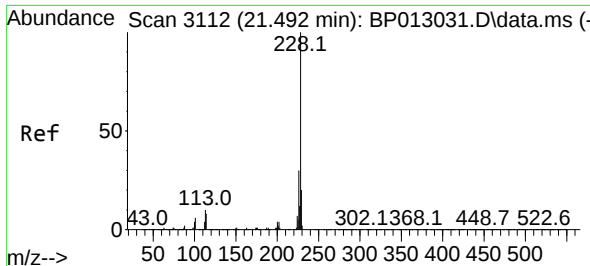


#85
Benzo(a)anthracene
Concen: 25.508 ng/ul
RT: 21.439 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP013036.D
Acq: 10 Dec 2022 13:03



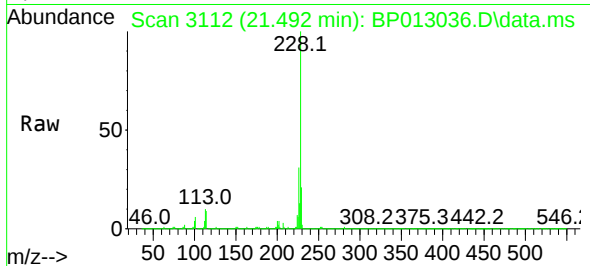
Tgt Ion:228 Resp: 5912694
Ion Ratio Lower Upper
228 100
229 21.3 16.1 24.1
226 28.4 22.0 33.0





#87
Chrysene
Concen: 43.671 ng/u1
RT: 21.492 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP013036.D
Acq: 10 Dec 2022 13:03

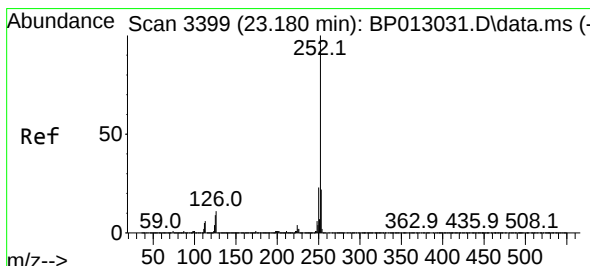
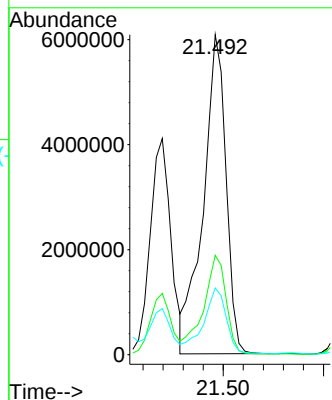
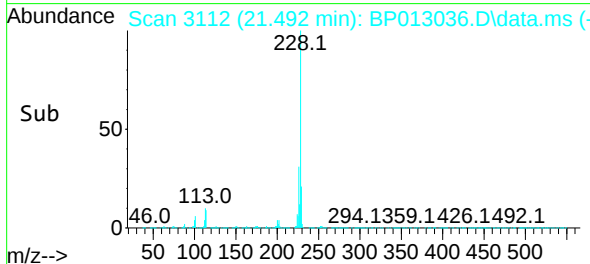
Instrument :
BNA_P
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DBXP0



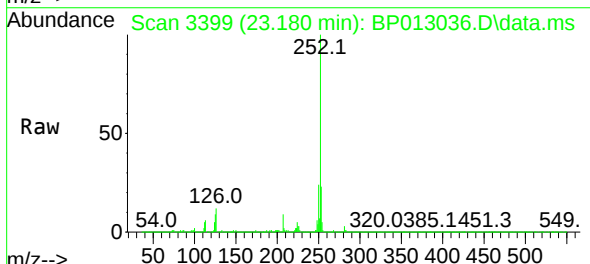
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Ion Ratio Lower Upper
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226 31.0 24.5 36.7
229 20.9 16.0 24.0

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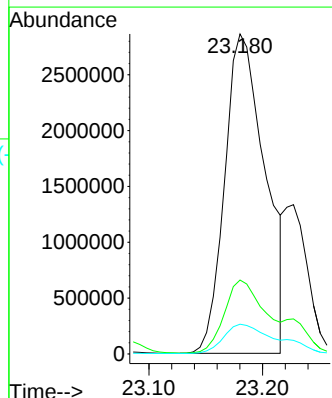
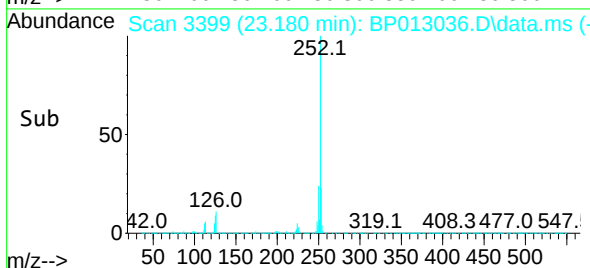
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Supervised By :mohammad ahmed 12/12/2022

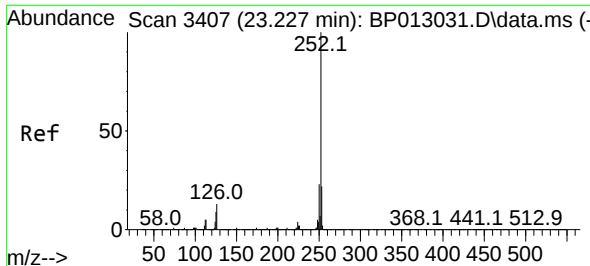


#90
Benzo(b)fluoranthene
Concen: 34.713 ng/u1
RT: 23.180 min Scan# 3399
Delta R.T. -0.006 min
Lab File: BP013036.D
Acq: 10 Dec 2022 13:03



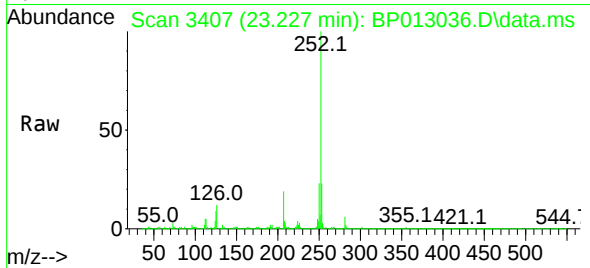
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Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 9.3 6.8 10.2





#91
Benzo(k)fluoranthene
Concen: 9.226 ng/ul m
RT: 23.227 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BP013036.D
Acq: 10 Dec 2022 13:03

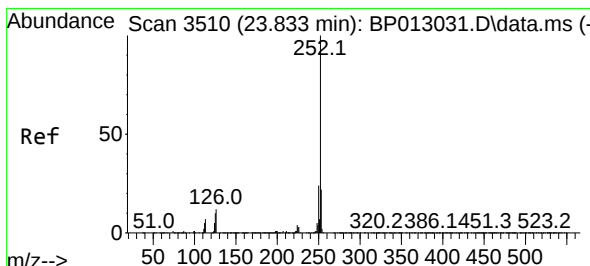
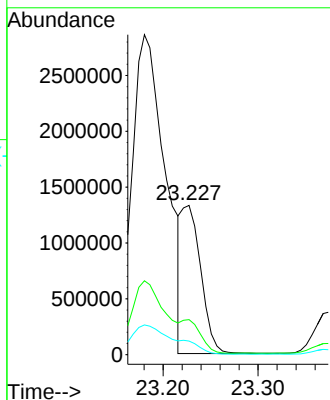
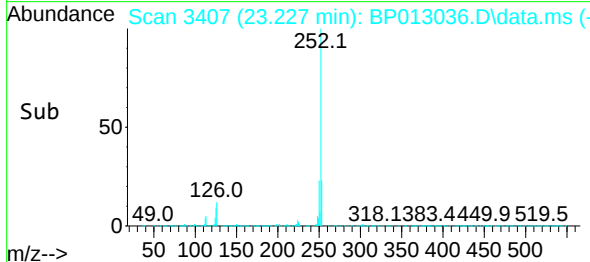
Instrument :
BNA_P
ClientSampleId :
DBXP0



Tgt Ion:252 Resp: 1871390
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 9.1 6.8 10.2

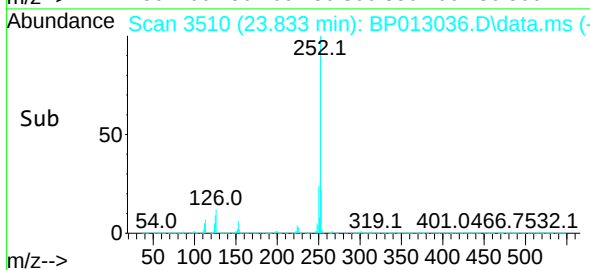
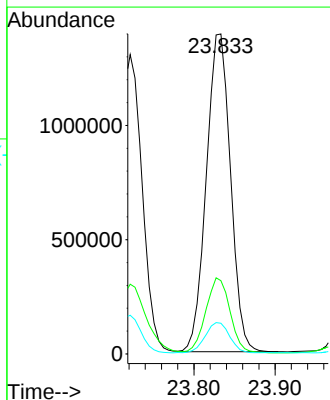
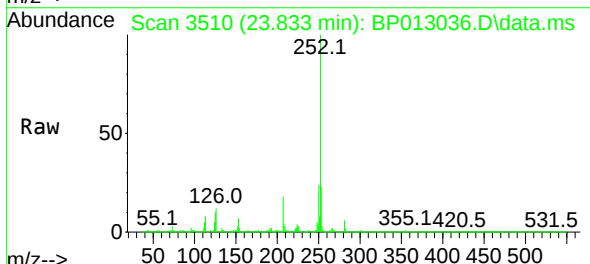
Manual Integrations
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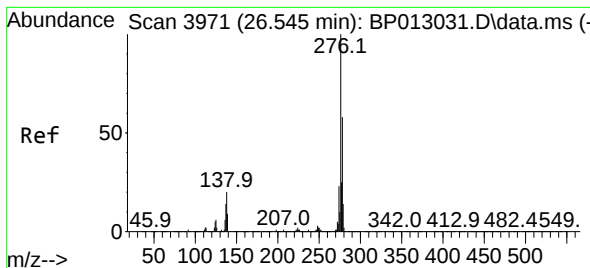
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022



#93
Benzo(a)pyrene
Concen: 16.200 ng/ul
RT: 23.833 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BP013036.D
Acq: 10 Dec 2022 13:03

Tgt Ion:252 Resp: 2885590
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 9.6 7.5 11.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.215 ng/ul

RT: 26.539 min Scan# 3970

Delta R.T. -0.018 min

Lab File: BP013036.D

Acq: 10 Dec 2022 13:03

Instrument :

BNA_P

ClientSampleId :

DBXP0

Tgt Ion:276 Resp: 1378938

Ion Ratio Lower Upper

276 100

138 18.8 17.1 25.7

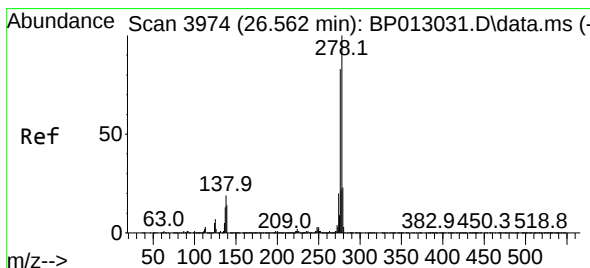
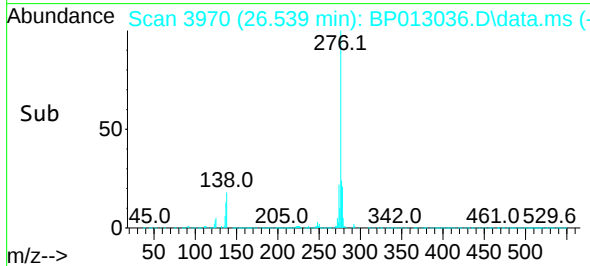
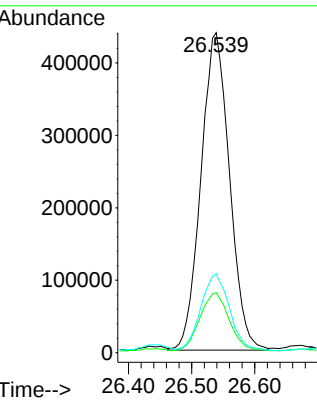
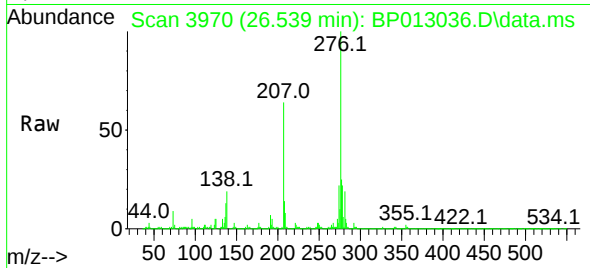
277 24.6 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/12/2022

Supervised By :mohammad ahmed 12/12/2022



#95

Dibenzo(a,h)anthracene

Concen: 2.008 ng/ul

RT: 26.539 min Scan# 3970

Delta R.T. -0.029 min

Lab File: BP013036.D

Acq: 10 Dec 2022 13:03

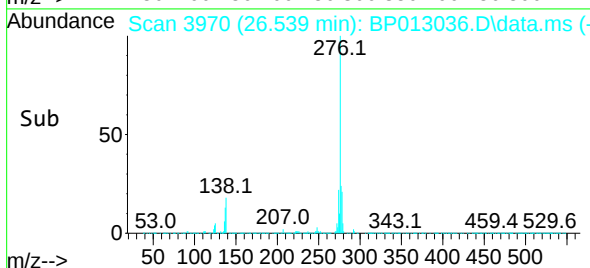
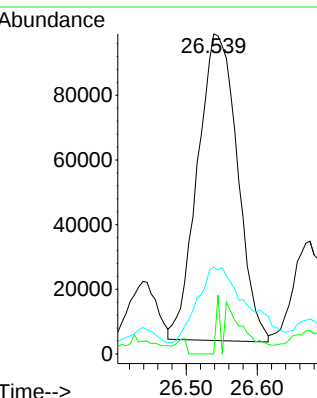
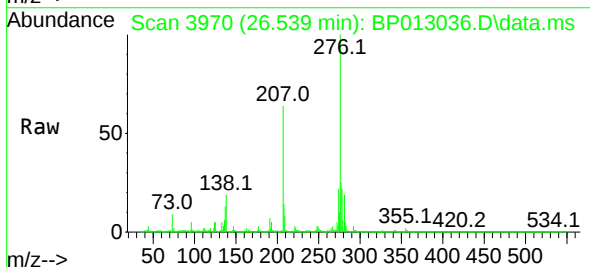
Tgt Ion:278 Resp: 368852

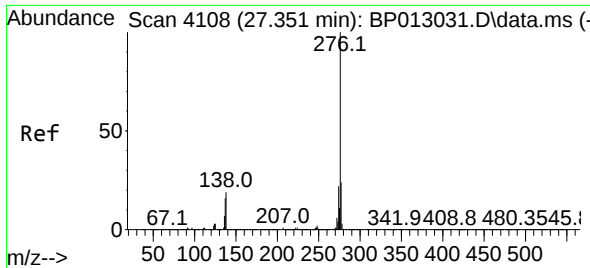
Ion Ratio Lower Upper

278 100

139 0.0 11.1 16.7#

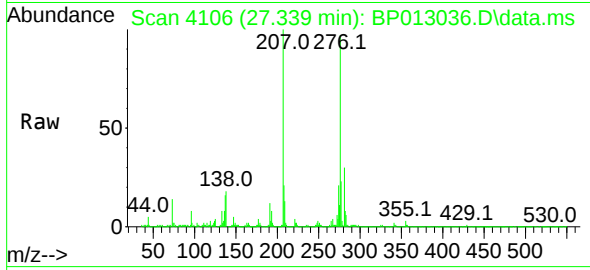
279 27.1 19.0 28.6





#96
 Benzo(g,h,i)perylene
 Concen: 5.365 ng/ul
 RT: 27.339 min Scan# 4106
 Delta R.T. -0.012 min
 Lab File: BP013036.D
 Acq: 10 Dec 2022 13:03

Instrument :
 BNA_P
 ClientSampleId :
 DBXP0



Tgt Ion:276 Resp: 955620
 Ion Ratio Lower Upper
 276 100
 138 18.5 15.4 23.2
 277 24.0 19.1 28.7

Manual Integrations
 APPROVED

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

