

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
 Data File : BP013256.D
 Acq On : 22 Dec 2022 21:51
 Operator : CG/JU
 Sample : N6015-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXY5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 22 22:49:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 22 22:43:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	647233	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	2687318	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.587	164	1663479	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.345	188	3267520	20.000	ng/u1	-0.01
79) Chrysene-d12	21.433	240	2232829	20.000	ng/u1	0.00
88) Perylene-d12	23.910	264	2601714	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	89777	5.931	ng/uL	0.00
4) Pyridine-d5	3.758	84	1299726	30.225	ng/u1	0.00
7) Phenol-d5	7.105	99	1883222	35.722	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	1153356	36.267	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	1523991	36.722	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	1480814	34.281	ng/u1	-0.01
21) Nitrobenzene-d5	9.116	128	767741	38.884	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	895356	40.280	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	1624864	37.634	ng/u1	0.00
31) 4-Chloroaniline-d4	10.899	131	1798949	29.514	ng/u1	0.00
46) Dimethylphthalate-d6	13.999	166	4677871	36.590	ng/u1	0.00
49) Acenaphthylene-d8	14.281	160	5431612	38.664	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.787	143	619836	26.953	ng/u1	-0.01
60) Fluorene-d10	15.581	176	4002068	37.002	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.704	200	600372	28.552	ng/u1	0.00
73) Anthracene-d10	17.445	188	5698490	38.657	ng/u1	-0.01
81) Pyrene-d10	19.681	212	5426677	42.342	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.751	264	5017105	38.688	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.810	128	231433	1.647	ng/u1	99
50) Acenaphthylene	14.310	152	275875	1.827	ng/u1	99
72) Phenanthrene	17.387	178	1095135	6.435	ng/u1	99
74) Anthracene	17.481	178	277654	1.634	ng/u1	99
80) Fluoranthene	19.351	202	2551117	17.538	ng/u1	99
82) Pyrene	19.704	202	1979699	13.193	ng/u1	100
85) Benzo(a)anthracene	21.416	228	1470152	9.918	ng/u1	99
87) Chrysene	21.469	228	1365505	9.742	ng/u1	98
90) Benzo(b)fluoranthene	23.157	252	2162164	13.033	ng/u1	98
91) Benzo(k)fluoranthene	23.198	252	693249m	4.214	ng/u1	
93) Benzo(a)pyrene	23.804	252	1391141	9.630	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.498	276	1125306	6.254	ng/u1	96
95) Dibenzo(a,h)anthracene	26.504	278	282884	1.899	ng/u1#	82
96) Benzo(g,h,i)perylene	27.298	276	1080047	7.477	ng/u1	98

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

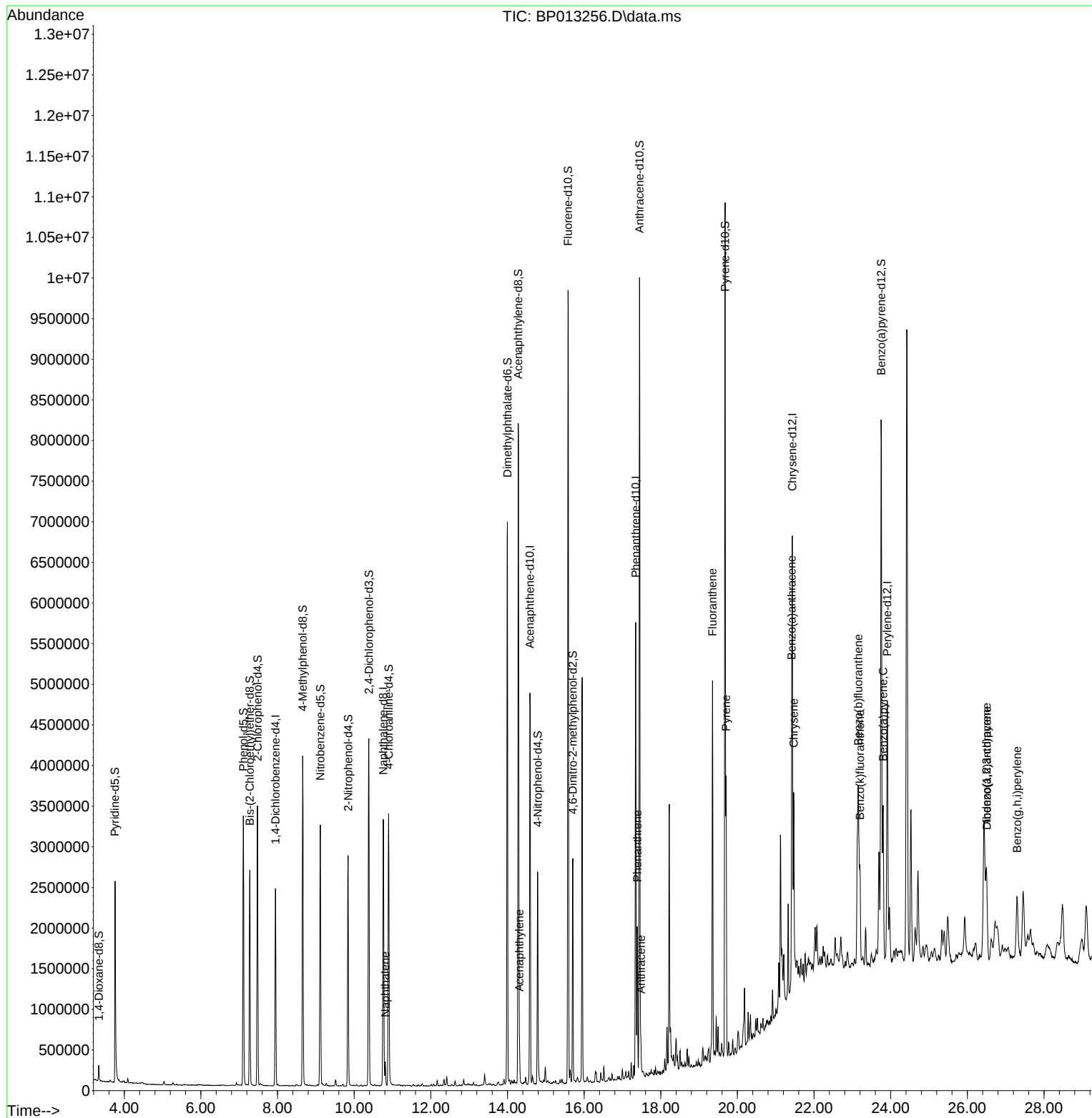
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Data File : BP013256.D
Acq On : 22 Dec 2022 21:51
Operator : CG/JU
Sample : N6015-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

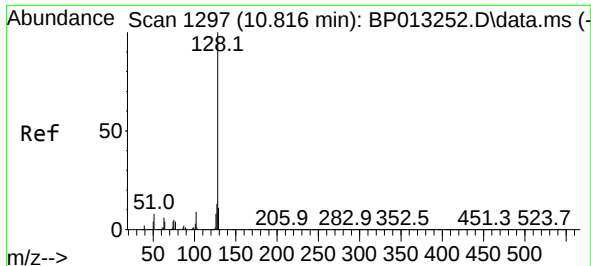
Instrument :
BNA_P
ClientSampleId :
DBXY5

Quant Time: Dec 22 22:49:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 22 22:43:06 2022
Response via : Initial Calibration

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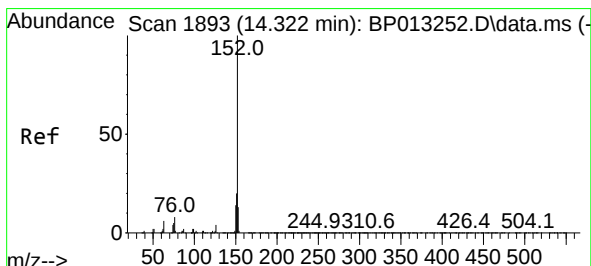
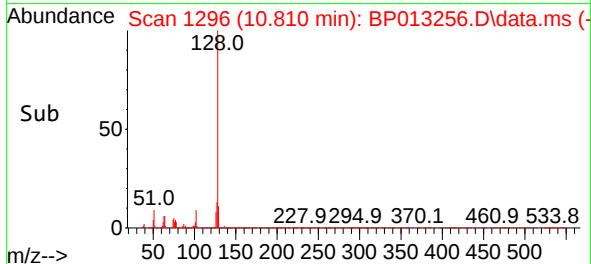
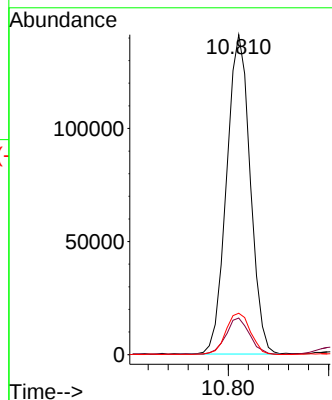
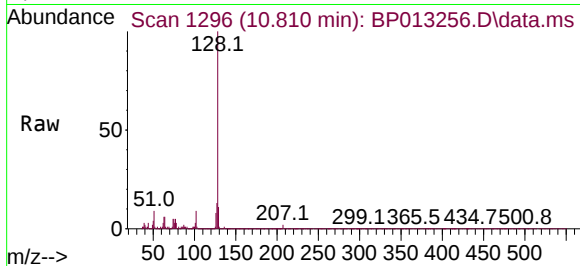
#30
Naphthalene
Concen: 1.647 ng/ul
RT: 10.810 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP013256.D
Acq: 22 Dec 2022 21:51

Instrument :
BNA_P
ClientSampleId :
DBXY5

Tgt Ion:128 Resp: 231433
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 12.9 10.4 15.6

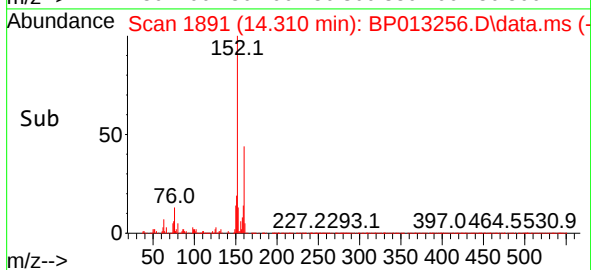
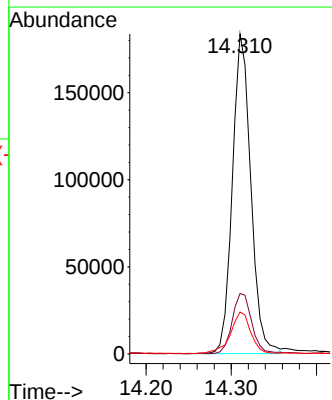
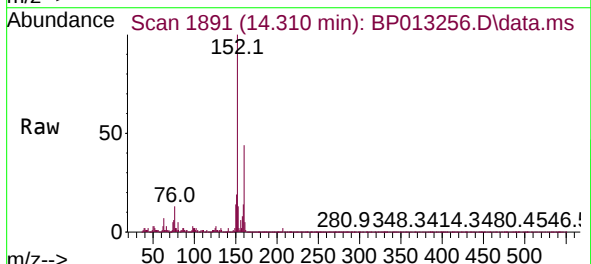
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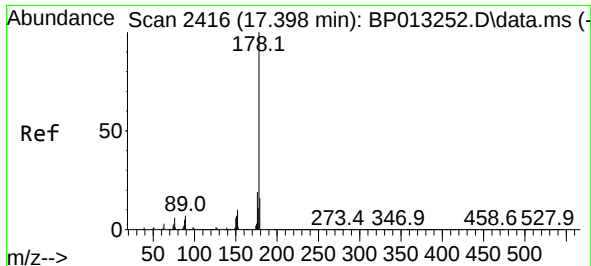
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#50
Acenaphthylene
Concen: 1.827 ng/ul
RT: 14.310 min Scan# 1891
Delta R.T. -0.012 min
Lab File: BP013256.D
Acq: 22 Dec 2022 21:51

Tgt Ion:152 Resp: 275875
Ion Ratio Lower Upper
152 100
151 18.9 15.8 23.6
153 13.1 10.6 16.0





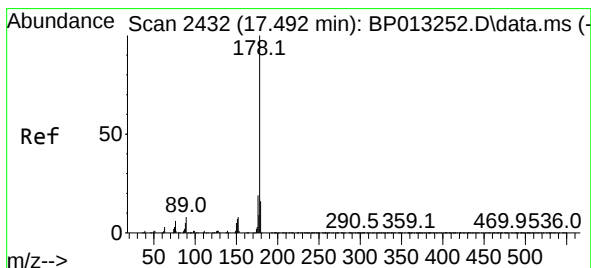
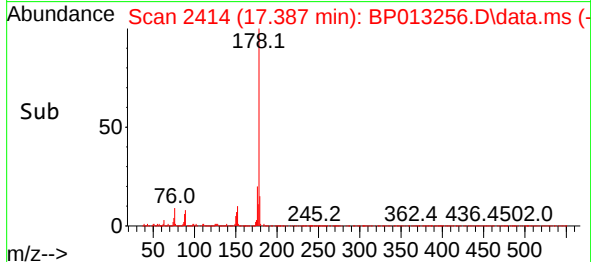
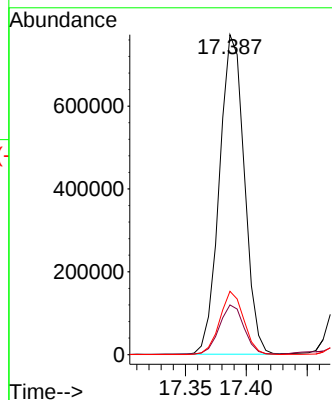
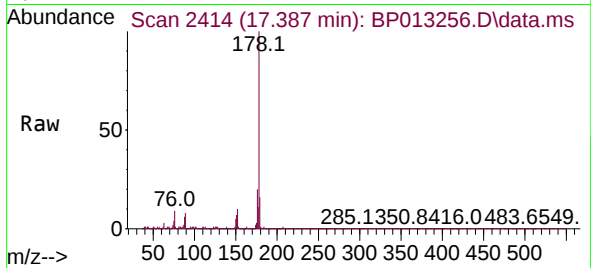
#72
Phenanthrene
Concen: 6.435 ng/ul
RT: 17.387 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BP013256.D
Acq: 22 Dec 2022 21:51

Instrument :
BNA_P
ClientSampleId :
DBXY5

Tgt Ion:178 Resp: 1095135
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.8 15.4 23.0

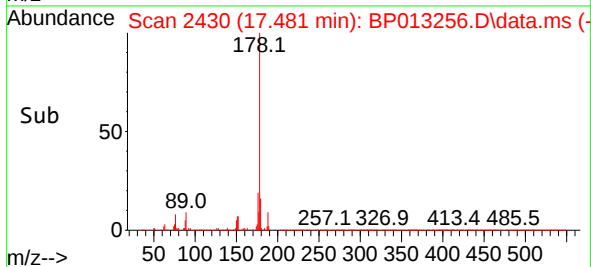
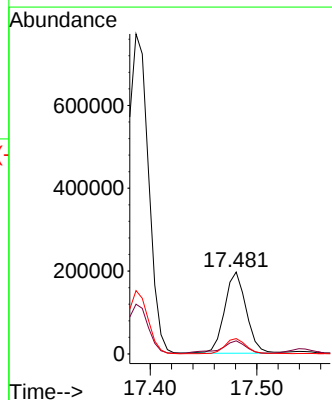
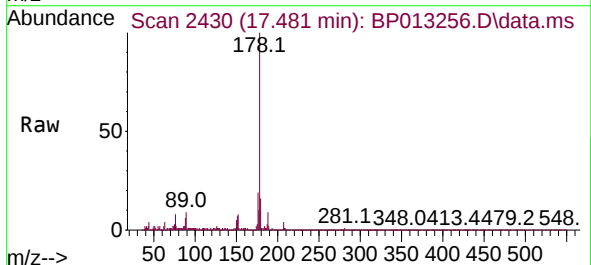
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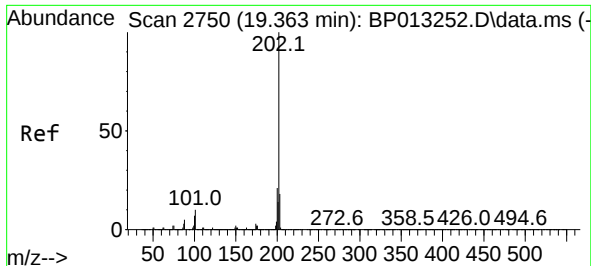
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#74
Anthracene
Concen: 1.634 ng/ul
RT: 17.481 min Scan# 2430
Delta R.T. -0.012 min
Lab File: BP013256.D
Acq: 22 Dec 2022 21:51

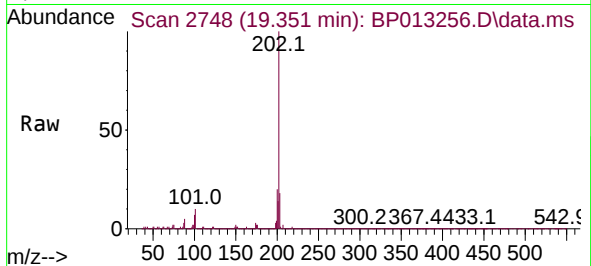
Tgt Ion:178 Resp: 277654
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 18.7 14.8 22.2





#80
Fluoranthene
Concen: 17.538 ng/ul
RT: 19.351 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP013256.D
Acq: 22 Dec 2022 21:51

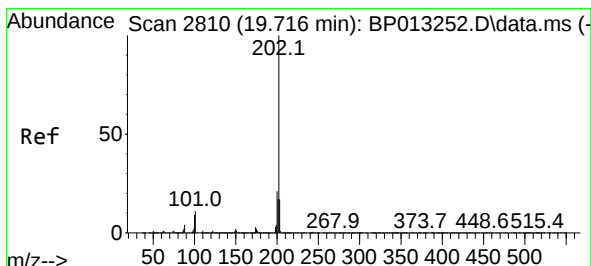
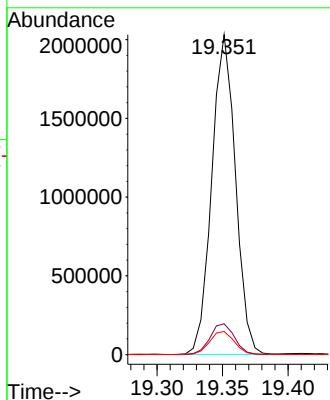
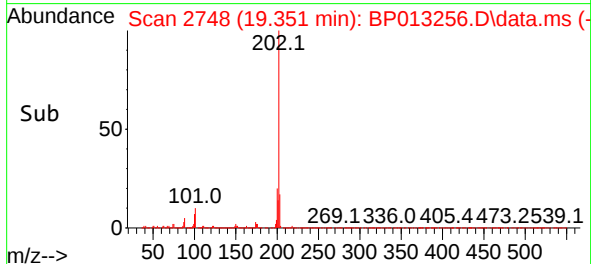
Instrument :
BNA_P
ClientSampleId :
DBXY5



Tgt Ion:202 Resp: 2551117
Ion Ratio Lower Upper
202 100
101 9.6 8.2 12.2
100 7.2 6.1 9.1

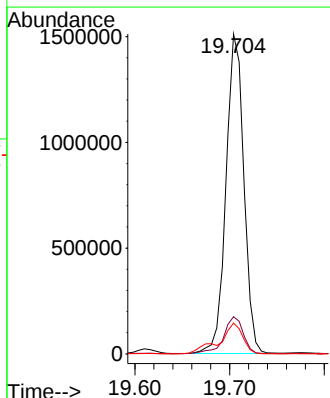
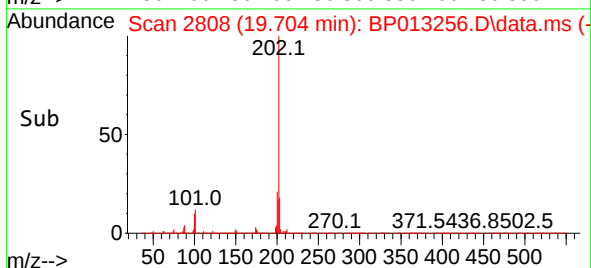
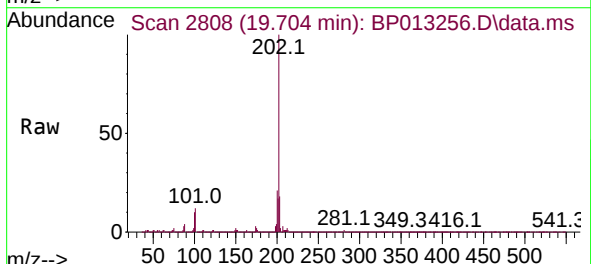
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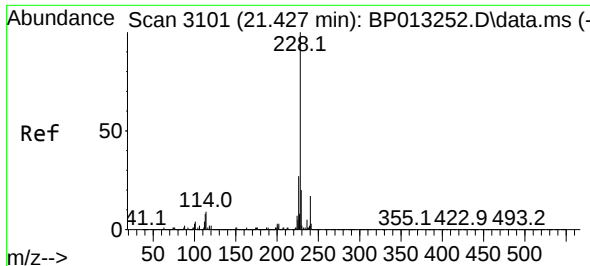
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#82
Pyrene
Concen: 13.193 ng/ul
RT: 19.704 min Scan# 2808
Delta R.T. -0.012 min
Lab File: BP013256.D
Acq: 22 Dec 2022 21:51

Tgt Ion:202 Resp: 1979699
Ion Ratio Lower Upper
202 100
101 11.6 9.4 14.2
100 9.6 7.8 11.8





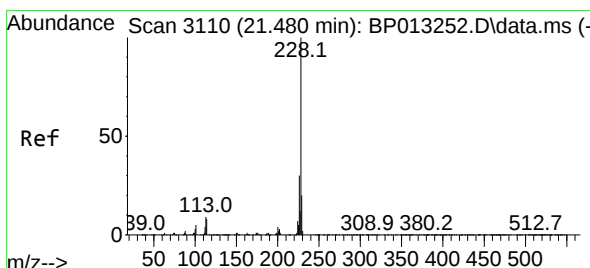
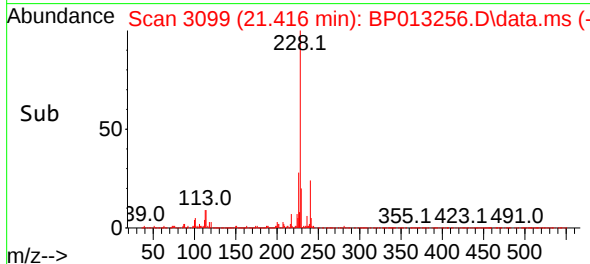
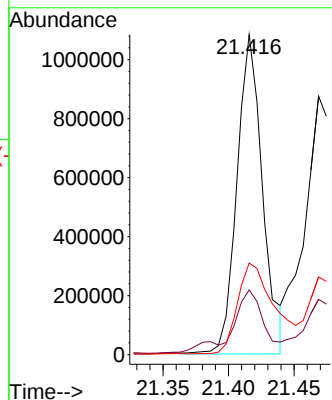
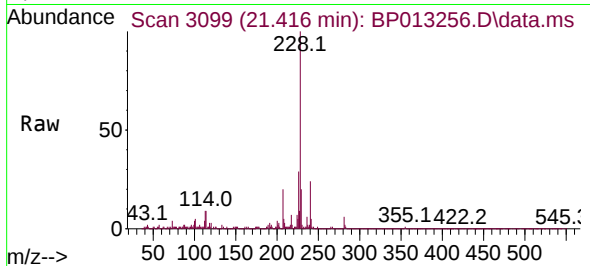
#85
Benzo(a)anthracene
Concen: 9.918 ng/ul
RT: 21.416 min Scan# 30
Delta R.T. -0.012 min
Lab File: BP013256.D
Acq: 22 Dec 2022 21:51

Instrument :
BNA_P
ClientSampleId :
DBXY5

Tgt Ion:228 Resp: 1470152
Ion Ratio Lower Upper
228 100
229 20.2 16.1 24.1
226 28.6 22.0 33.0

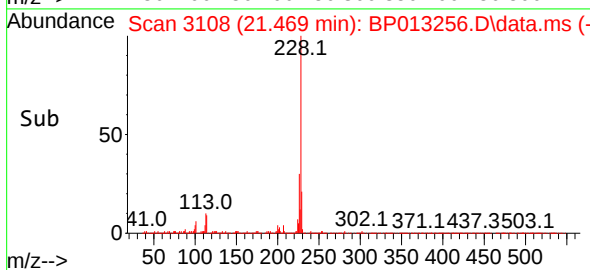
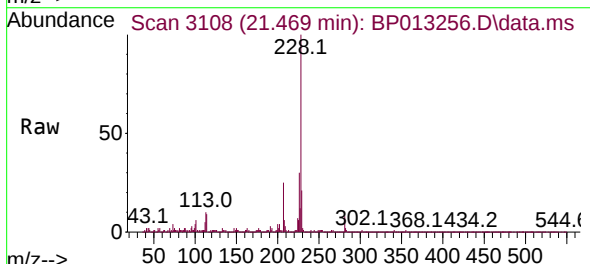
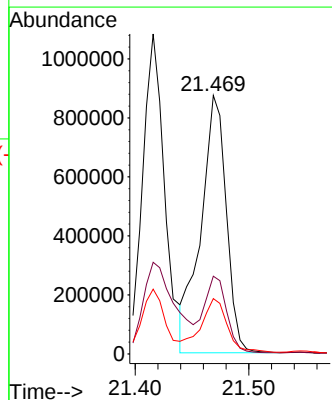
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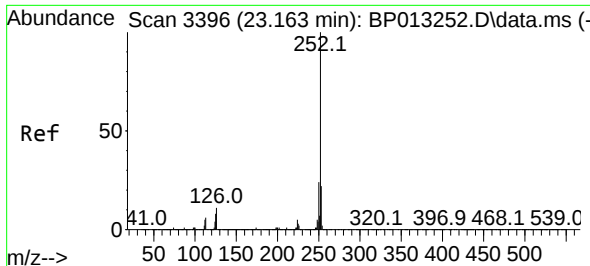
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#87
Chrysene
Concen: 9.742 ng/ul
RT: 21.469 min Scan# 3108
Delta R.T. -0.012 min
Lab File: BP013256.D
Acq: 22 Dec 2022 21:51

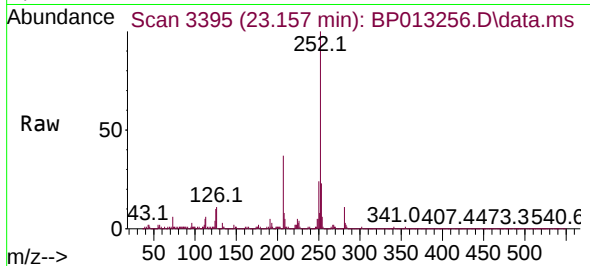
Tgt Ion:228 Resp: 1365505
Ion Ratio Lower Upper
228 100
226 30.1 24.5 36.7
229 21.4 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 13.033 ng/ul
RT: 23.157 min Scan# 3396
Delta R.T. -0.006 min
Lab File: BP013256.D
Acq: 22 Dec 2022 21:51

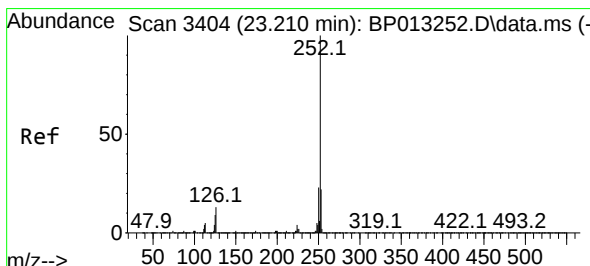
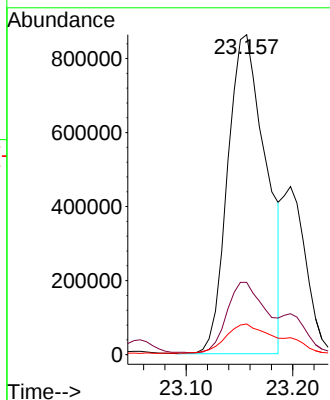
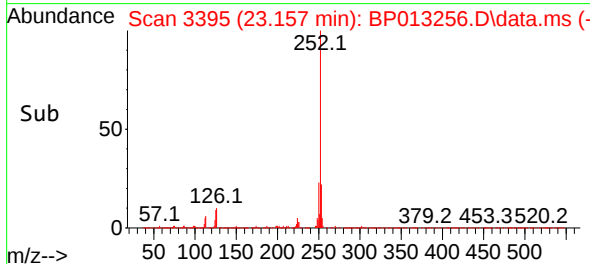
Instrument :
BNA_P
ClientSampleId :
DBXY5



Tgt Ion:252 Resp: 2162164
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 9.6 6.8 10.2

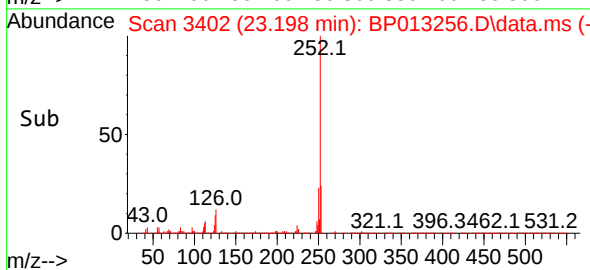
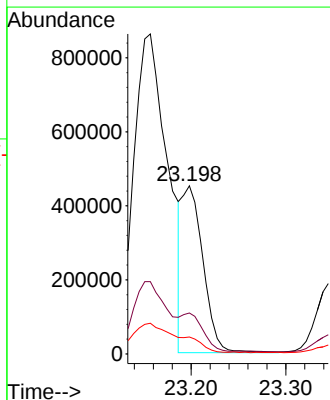
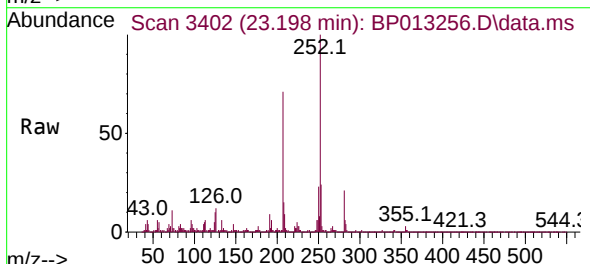
Manual Integrations
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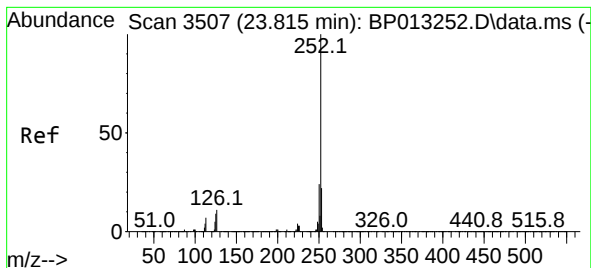
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#91
Benzo(k)fluoranthene
Concen: 4.214 ng/ul m
RT: 23.198 min Scan# 3402
Delta R.T. -0.012 min
Lab File: BP013256.D
Acq: 22 Dec 2022 21:51

Tgt Ion:252 Resp: 693249
Ion Ratio Lower Upper
252 100
253 24.3 17.7 26.5
125 10.0 6.8 10.2





#93

Benzo(a)pyrene

Concen: 9.630 ng/ul

RT: 23.804 min Scan# 3505

Delta R.T. -0.012 min

Lab File: BP013256.D

Acq: 22 Dec 2022 21:51

Instrument :

BNA_P

ClientSampleId :

DBXY5

Tgt Ion:252 Resp: 139114

Ion Ratio Lower Upper

252 100

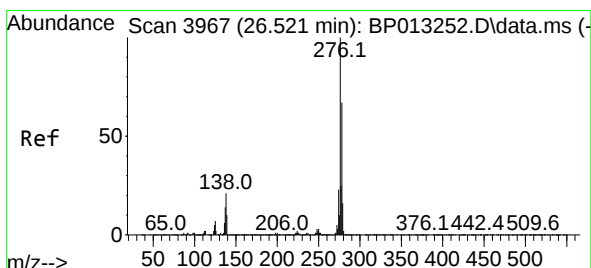
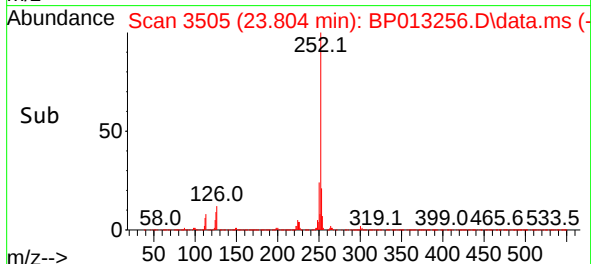
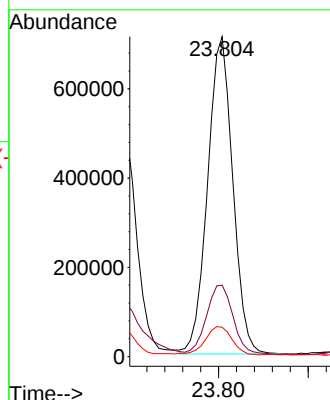
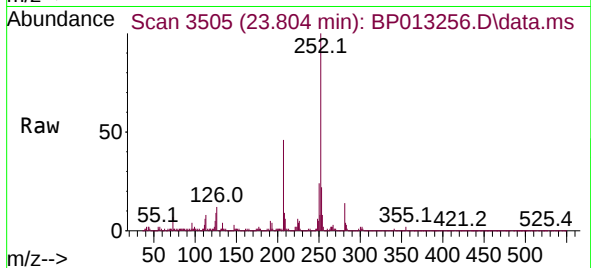
253 22.3 17.5 26.3

125 9.2 7.5 11.3

Manual Integrations

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Supervised By :mohammad ahmed 12/23/2022



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.254 ng/ul

RT: 26.498 min Scan# 3963

Delta R.T. -0.023 min

Lab File: BP013256.D

Acq: 22 Dec 2022 21:51

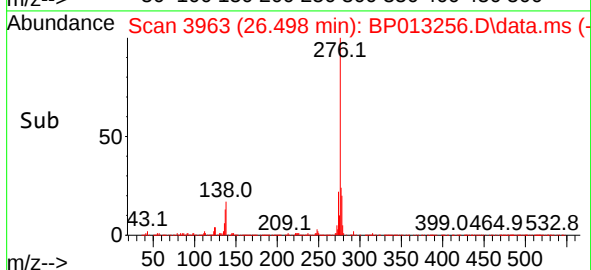
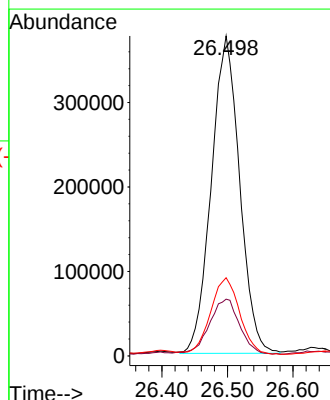
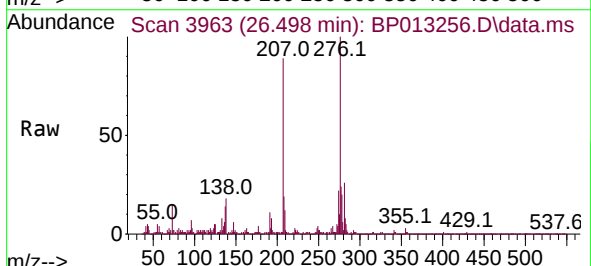
Tgt Ion:276 Resp: 1125306

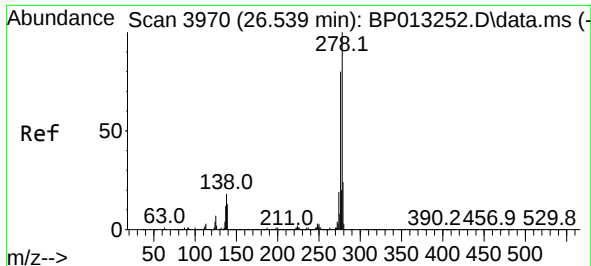
Ion Ratio Lower Upper

276 100

138 17.7 17.1 25.7

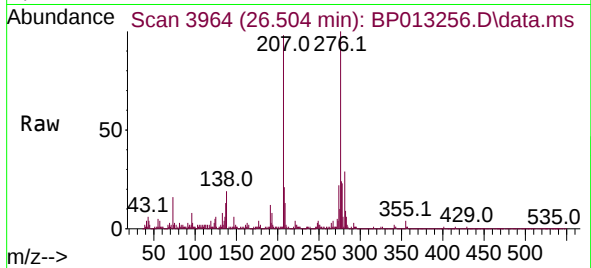
277 24.4 20.0 30.0





#95
Dibenzo(a,h)anthracene
Concen: 1.899 ng/ul
RT: 26.504 min Scan# 3970
Delta R.T. -0.035 min
Lab File: BP013256.D
Acq: 22 Dec 2022 21:51

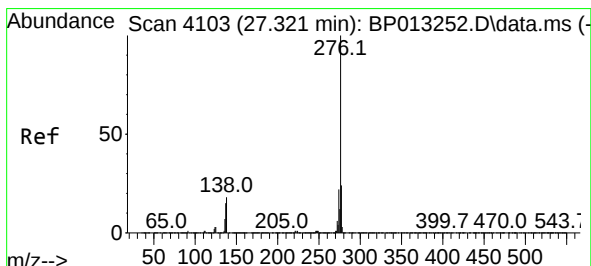
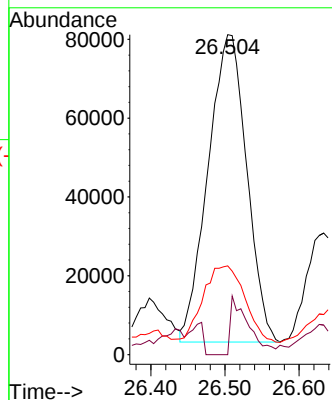
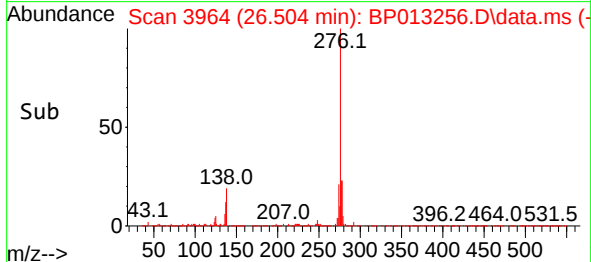
Instrument :
BNA_P
ClientSampleId :
DBXY5



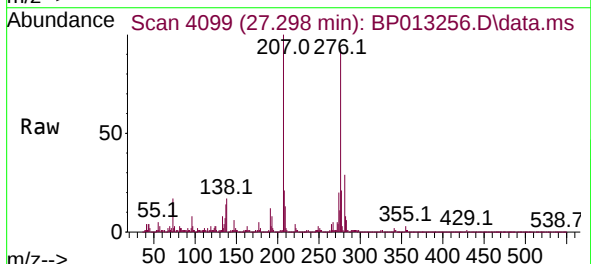
Tgt Ion:278 Resp: 282884
Ion Ratio Lower Upper
278 100
139 0.0 11.1 16.7
279 27.7 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#96
Benzo(g,h,i)perylene
Concen: 7.477 ng/ul
RT: 27.298 min Scan# 4099
Delta R.T. -0.023 min
Lab File: BP013256.D
Acq: 22 Dec 2022 21:51



Tgt Ion:276 Resp: 1080047
Ion Ratio Lower Upper
276 100
138 18.1 15.4 23.2
277 23.1 19.1 28.7

