

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
 Data File : BP013141.D
 Acq On : 19 Dec 2022 23:28
 Operator : CG/JU
 Sample : N6006-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXY9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022

Quant Time: Dec 20 00:42:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 19 21:43:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	596501	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	2548453	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	1639268	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	3448847	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	2255257	20.000	ng/u1	0.00
88) Perylene-d12	23.916	264	2438739	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	104982	7.525	ng/uL	0.00
4) Pyridine-d5	3.770	84	560443	14.142	ng/u1	0.00
7) Phenol-d5	7.111	99	2081810	42.848	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	1359268	46.377	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	1726357	45.136	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	1304036	32.756	ng/u1	0.00
21) Nitrobenzene-d5	9.122	128	902535	48.202	ng/u1	0.00
24) 2-Nitrophenol-d4	9.852	143	1018372	48.310	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	1797656	43.905	ng/u1	0.00
31) 4-Chloroaniline-d4	10.905	131	1384265	23.948	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	5551514	44.065	ng/u1	0.00
49) Acenaphthylene-d8	14.293	160	6380480	46.090	ng/u1	0.00
54) 4-Nitrophenol-d4	14.793	143	705131	31.115	ng/u1	0.00
60) Fluorene-d10	15.592	176	4853636	45.538	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	811442	36.561	ng/u1	0.00
73) Anthracene-d10	17.451	188	6860839	44.095	ng/u1	0.00
81) Pyrene-d10	19.686	212	7384373	57.044	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.757	264	5712754	46.997	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.392	178	724951	4.036	ng/u1	99
80) Fluoranthene	19.357	202	1976877	13.455	ng/u1	100
82) Pyrene	19.710	202	1684423	11.114	ng/u1	100
85) Benzo(a)anthracene	21.422	228	826586	5.521	ng/u1	98
87) Chrysene	21.475	228	861424	6.084	ng/u1	98
90) Benzo(b)fluoranthene	23.157	252	1276049	8.205	ng/u1	97
91) Benzo(k)fluoranthene	23.204	252	412560m	2.675	ng/u1	
93) Benzo(a)pyrene	23.810	252	828441	6.118	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.504	276	696130	4.127	ng/u1	96
95) Dibenzo(a,h)anthracene	26.515	278	167630	1.200	ng/u1#	87
96) Benzo(g,h,i)perylene	27.304	276	639196	4.721	ng/u1	99

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

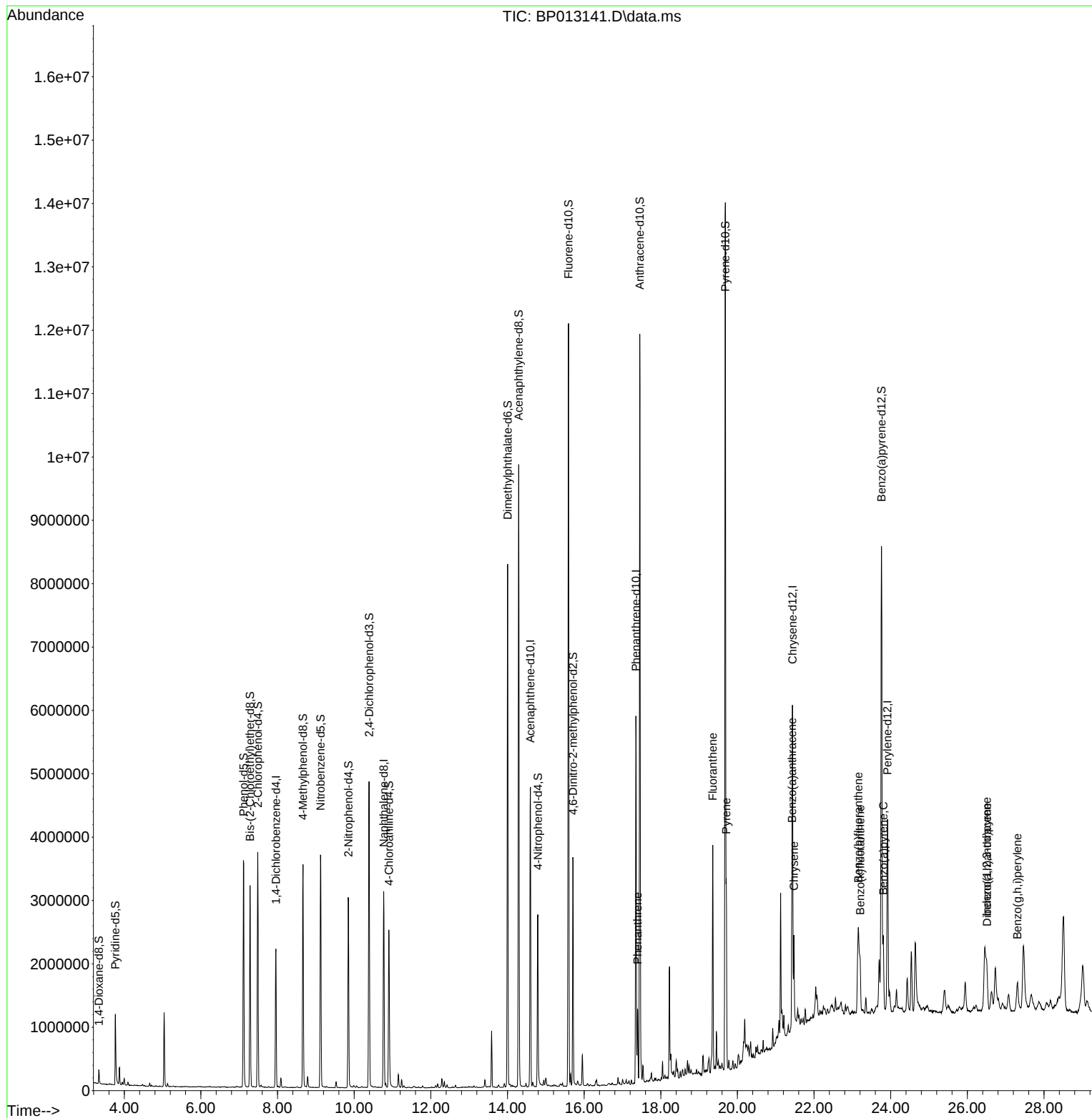
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
Data File : BP013141.D
Acq On : 19 Dec 2022 23:28
Operator : CG/JU
Sample : N6006-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

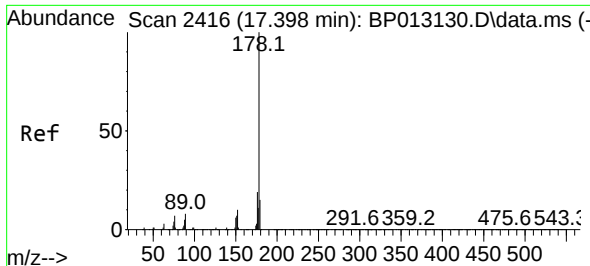
Instrument :
BNA_P
ClientSampleId :
DBXY9

Quant Time: Dec 20 00:42:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
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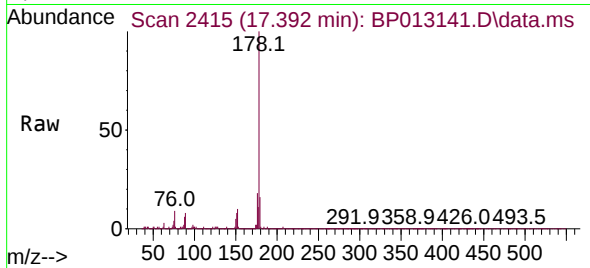
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022





#72
Phenanthrene
Concen: 4.036 ng/ul
RT: 17.392 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP013141.D
Acq: 19 Dec 2022 23:28

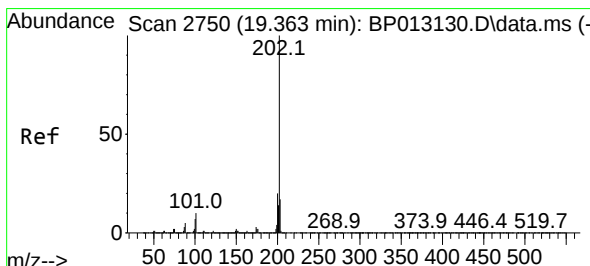
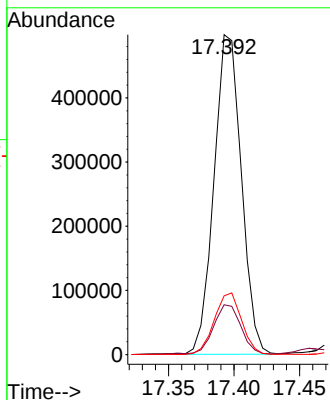
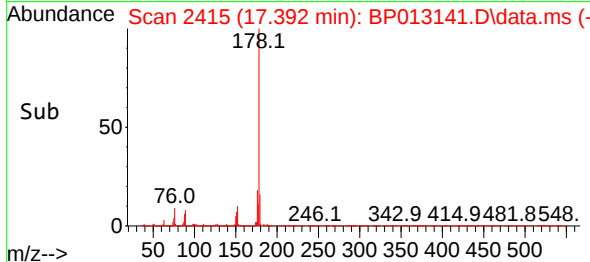
Instrument :
BNA_P
Client Sample Id :
DBXY9



Tgt Ion:178 Resp: 724951
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 18.4 15.4 23.0

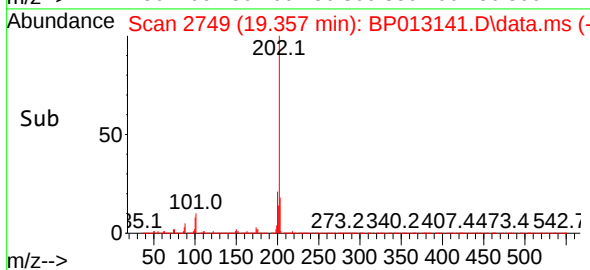
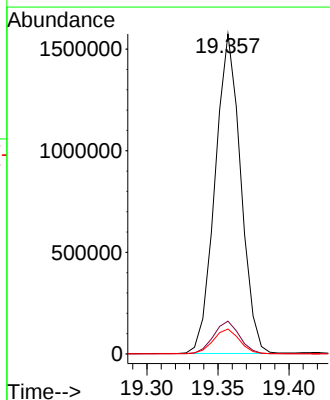
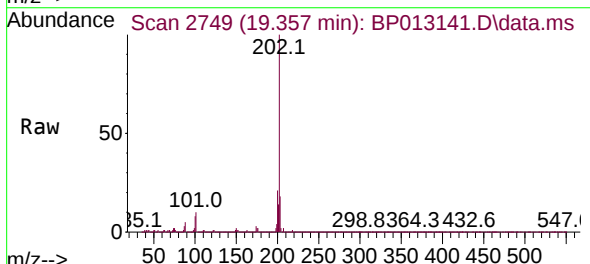
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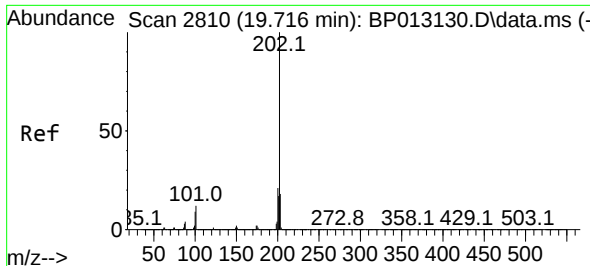
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#80
Fluoranthene
Concen: 13.455 ng/ul
RT: 19.357 min Scan# 2749
Delta R.T. -0.006 min
Lab File: BP013141.D
Acq: 19 Dec 2022 23:28

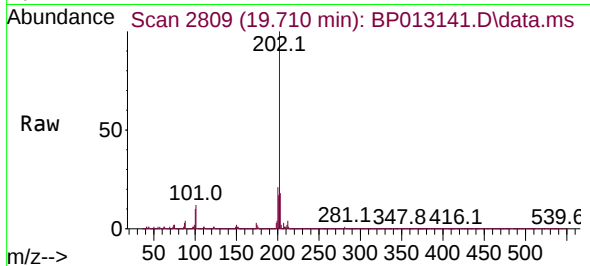
Tgt Ion:202 Resp: 1976877
Ion Ratio Lower Upper
202 100
101 10.2 8.2 12.2
100 7.8 6.1 9.1





#82
Pyrene
Concen: 11.114 ng/ul
RT: 19.710 min Scan# 2810
Delta R.T. -0.006 min
Lab File: BP013141.D
Acq: 19 Dec 2022 23:28

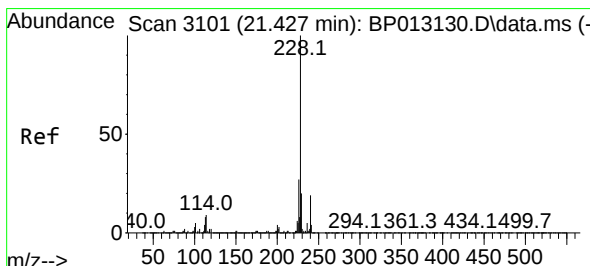
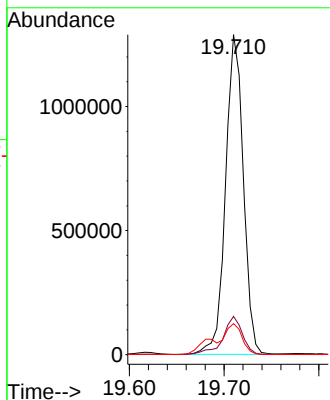
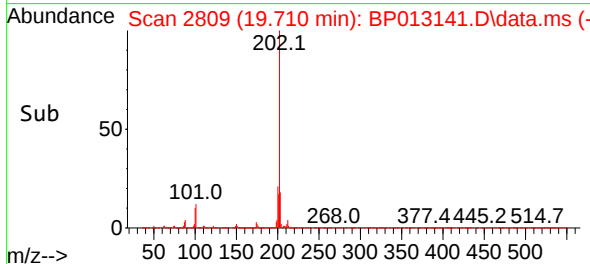
Instrument :
BNA_P
ClientSampleId :
DBXY9



Tgt Ion:202 Resp: 1684423
Ion Ratio Lower Upper
202 100
101 11.9 9.4 14.2
100 9.7 7.8 11.8

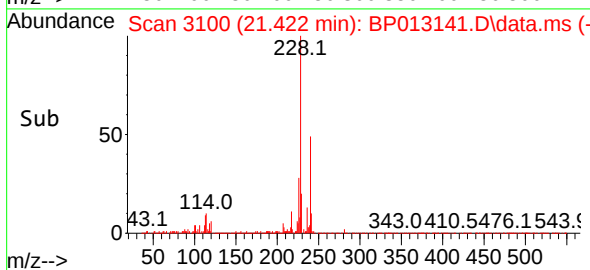
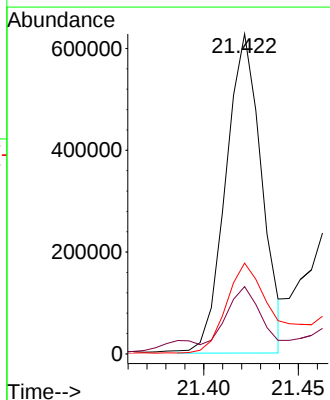
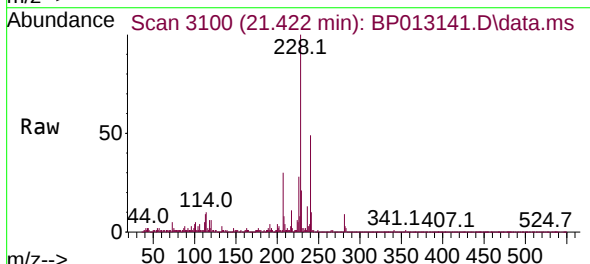
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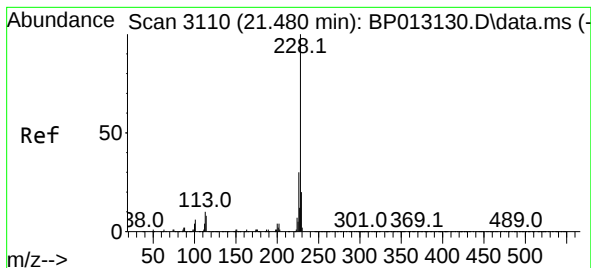
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#85
Benzo(a)anthracene
Concen: 5.521 ng/ul
RT: 21.422 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BP013141.D
Acq: 19 Dec 2022 23:28

Tgt Ion:228 Resp: 826586
Ion Ratio Lower Upper
228 100
229 21.0 16.1 24.1
226 28.4 22.0 33.0





#87

Chrysene

Concen: 6.084 ng/ul

RT: 21.475 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP013141.D

Acq: 19 Dec 2022 23:28

Instrument :

BNA_P

ClientSampleId :

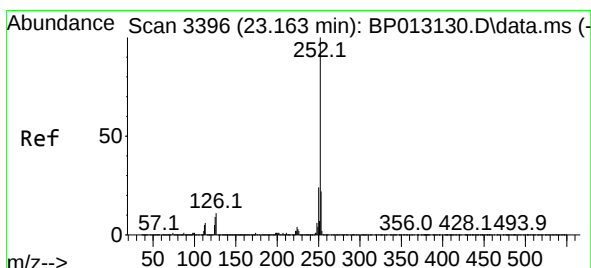
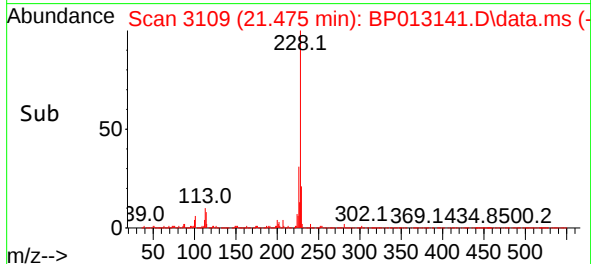
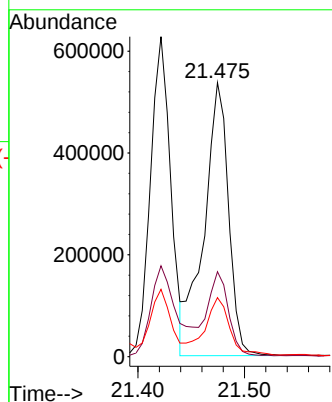
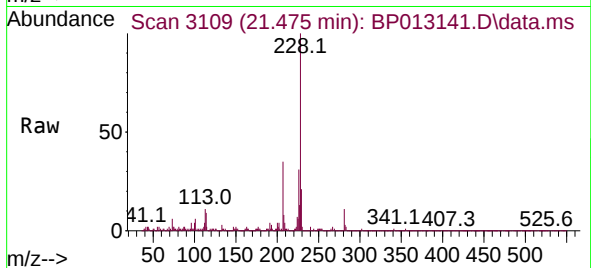
DBXY9

Tgt Ion:	228	Resp:	861424
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.5	36.7
229	21.5	16.0	24.0

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 8.205 ng/ul

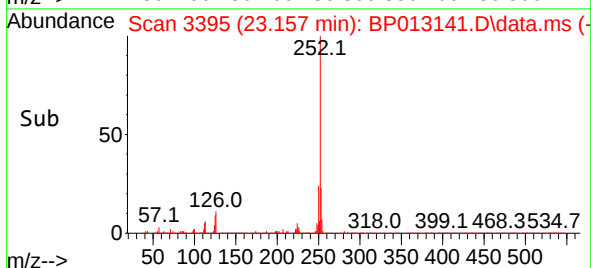
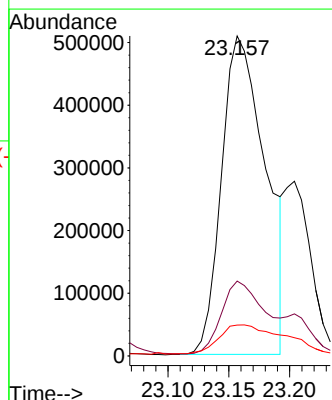
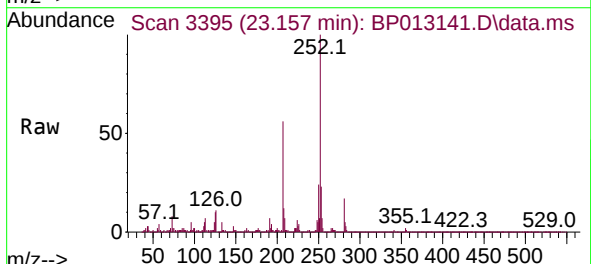
RT: 23.157 min Scan# 3395

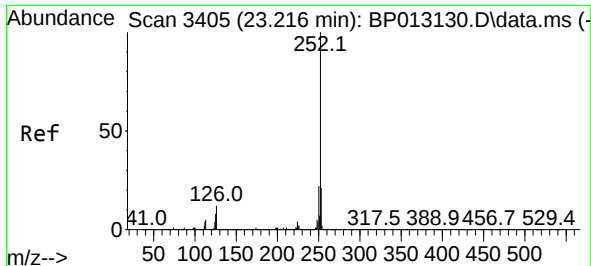
Delta R.T. -0.006 min

Lab File: BP013141.D

Acq: 19 Dec 2022 23:28

Tgt Ion:	252	Resp:	1276049
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.7	26.5
125	9.6	6.8	10.2





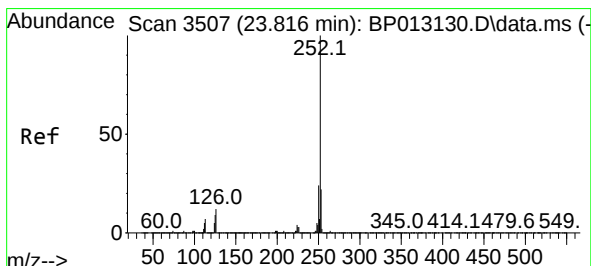
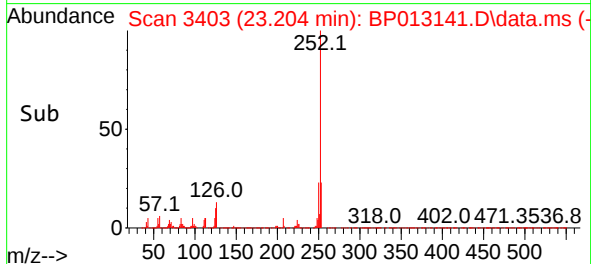
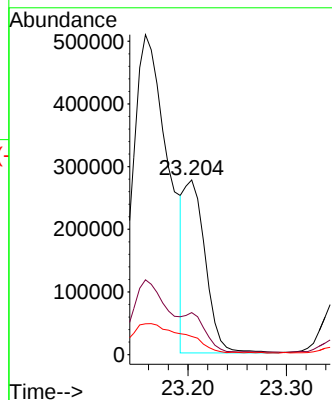
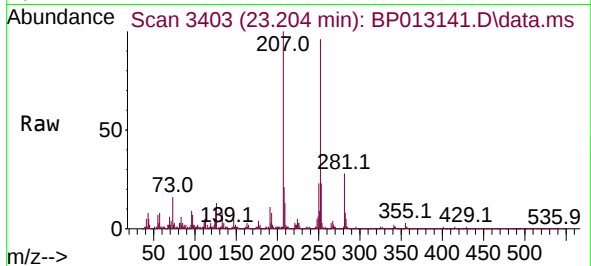
#91
Benzo(k)fluoranthene
Concen: 2.675 ng/ul m
RT: 23.204 min Scan# 3405
Delta R.T. -0.006 min
Lab File: BP013141.D
Acq: 19 Dec 2022 23:28

Instrument :
BNA_P
ClientSampleId :
DBXY9

Tgt Ion:252 Resp: 412560
Ion Ratio Lower Upper
252 100
253 24.1 17.7 26.5
125 10.4 6.8 10.2

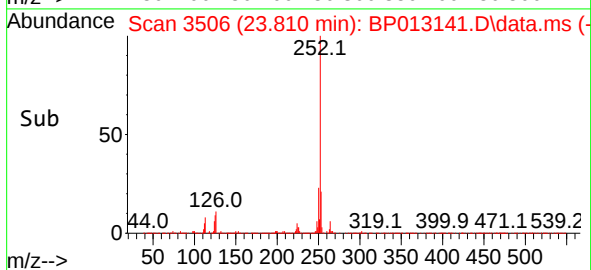
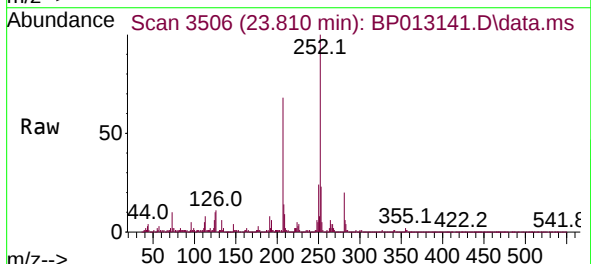
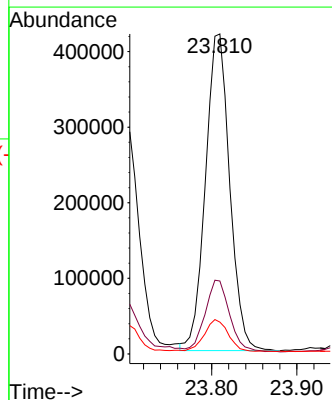
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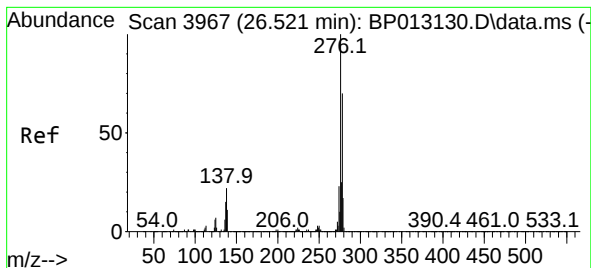
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#93
Benzo(a)pyrene
Concen: 6.118 ng/ul
RT: 23.810 min Scan# 3506
Delta R.T. 0.000 min
Lab File: BP013141.D
Acq: 19 Dec 2022 23:28

Tgt Ion:252 Resp: 828441
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 9.9 7.5 11.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.127 ng/ul

RT: 26.504 min Scan# 3964

Delta R.T. -0.012 min

Lab File: BP013141.D

Acq: 19 Dec 2022 23:28

Instrument :

BNA_P

ClientSampleId :

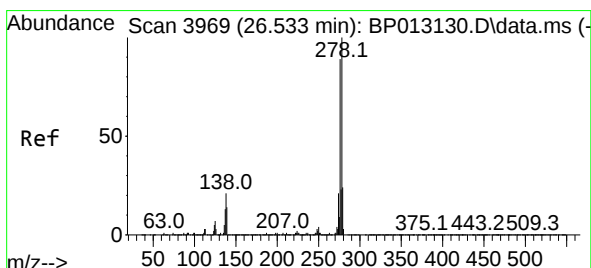
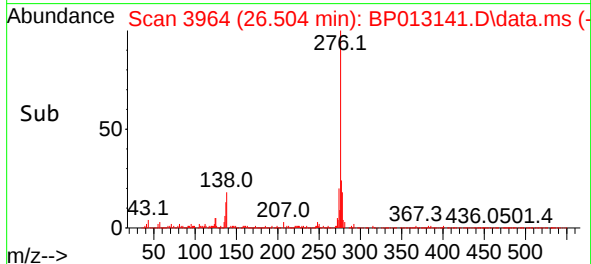
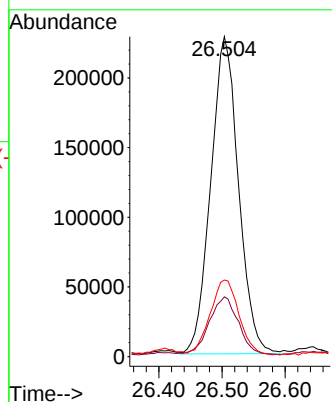
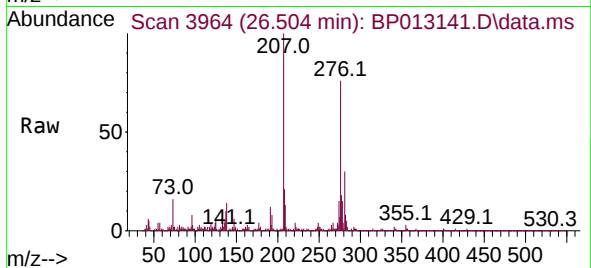
DBXY9

Tgt Ion:	276	Resp:	696130
Ion Ratio	Lower	Upper	
276	100		
138	18.7	17.1	25.7
277	23.9	20.0	30.0

Manual Integrations

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#95

Dibenzo(a,h)anthracene

Concen: 1.200 ng/ul

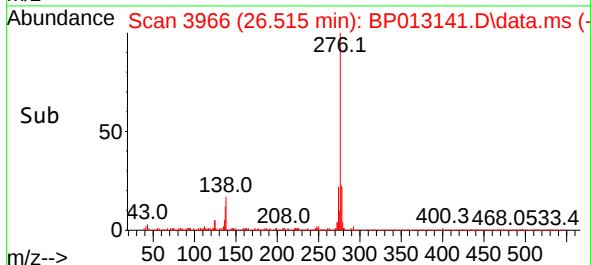
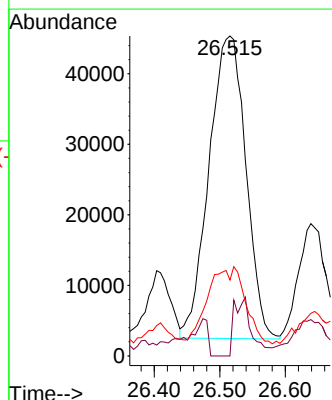
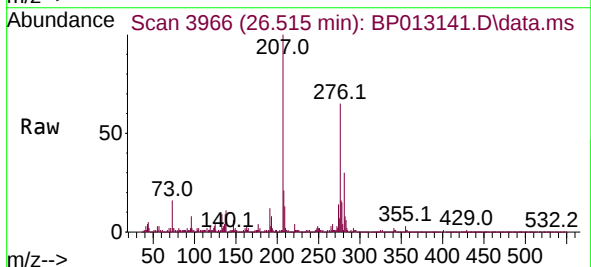
RT: 26.515 min Scan# 3966

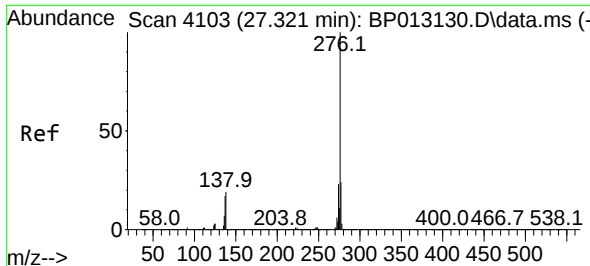
Delta R.T. -0.017 min

Lab File: BP013141.D

Acq: 19 Dec 2022 23:28

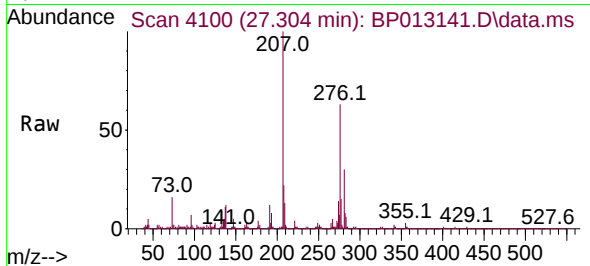
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Ion Ratio	Lower	Upper	
278	100		
139	0.0	11.1	16.7#
279	23.7	19.0	28.6





#96
 Benzo(g,h,i)perylene
 Concen: 4.721 ng/ul
 RT: 27.304 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BP013141.D
 Acq: 19 Dec 2022 23:28

Instrument :
 BNA_P
 ClientSampleId :
 DBXY9



Tgt Ion:276 Resp: 639196
 Ion Ratio Lower Upper
 276 100
 138 19.8 15.4 23.2
 277 24.3 19.1 28.7

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