

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013024.D
 Acq On : 09 Dec 2022 18:32
 Operator : CG/JU
 Sample : N5896-17 10X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXN5

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 21:57:56 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	7.975	152	704879	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	3049263	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	2042374	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	4591087	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	3933285	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	3612802	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	7154	0.434	ng/uL	0.00
4) Pyridine-d5	3.799	84	49856m	1.065	ng/u1	0.01
7) Phenol-d5	7.128	99	154806	2.696	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	95503	2.757	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	127591	2.823	ng/u1	-0.01
15) 4-Methylphenol-d8	8.681	113	130968	2.784	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	58458	2.609	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	64092	2.541	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.404	165	138162	2.820	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	129391	1.871	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	473971	3.020	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	517802	3.002	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	34336	1.216	ng/u1	0.00
60) Fluorene-d10	15.604	176	431355	3.248	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	41358	1.400	ng/u1	0.00
73) Anthracene-d10	17.469	188	706295	3.410	ng/u1	0.00
81) Pyrene-d10	19.698	212	820344	3.634	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	587556	3.263	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.840	128	507453	3.182	ng/u1	99
36) 2-Methylnaphthalene	12.440	142	296660	2.712	ng/u1	98
50) Acenaphthylene	14.334	152	297792	1.606	ng/u1	98
52) Acenaphthene	14.675	153	178939	1.393	ng/u1	99
61) Fluorene	15.663	166	1335327	9.114	ng/u1	99
71) Pentachlorophenol	17.016	266	53607	1.495	ng/u1	96
72) Phenanthrene	17.410	178	3982428	16.654	ng/u1	100
74) Anthracene	17.504	178	17446126m	73.066	ng/u1	
80) Fluoranthene	19.375	202	3953774	15.430	ng/u1	100
82) Pyrene	19.727	202	3471786	13.134	ng/u1	100
85) Benzo(a)anthracene	21.439	228	1427217	5.466	ng/u1	95
87) Chrysene	21.498	228	3349098m	13.563	ng/u1	
90) Benzo(b)fluoranthene	23.192	252	6676315	28.980	ng/u1	98
91) Benzo(k)fluoranthene	23.233	252	1809257m	7.920	ng/u1	
93) Benzo(a)pyrene	23.839	252	2796783	13.942	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.545	276	1586146	6.348	ng/u1	97
95) Dibenzo(a,h)anthracene	26.551	278	414109	2.002	ng/u1#	83
96) Benzo(g,h,i)perylene	27.356	276	1213262	6.048	ng/u1	99

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

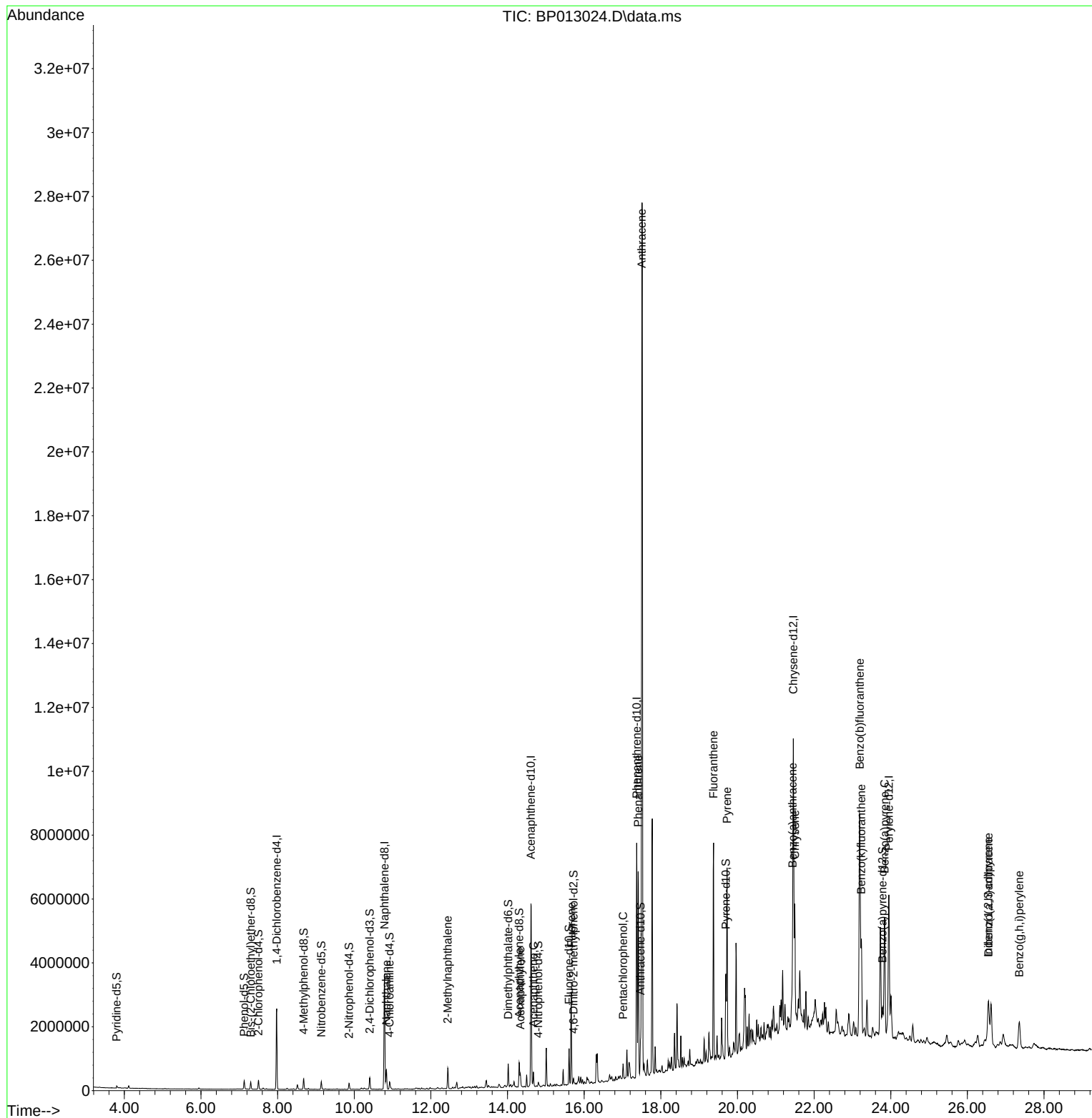
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013024.D
Acq On : 09 Dec 2022 18:32
Operator : CG/JU
Sample : N5896-17 10X
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ALS Vial : 51 Sample Multiplier: 1

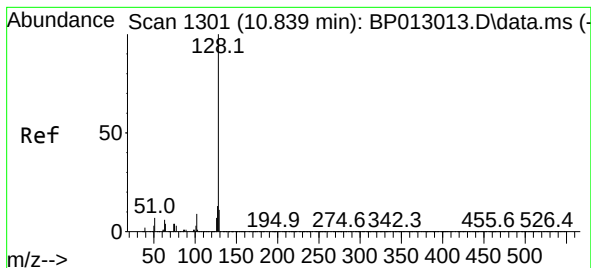
Instrument :
BNA_P
ClientSampleId :
DBXN5

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Supervised By :mohammad ahmed 12/10/2022

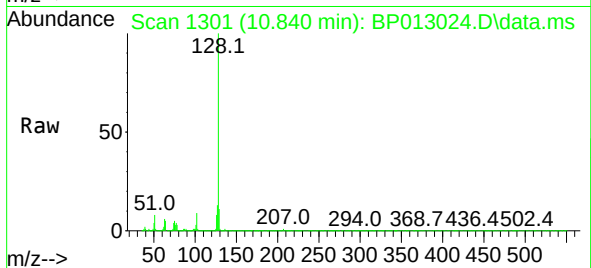
Quant Time: Dec 09 21:57:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 00:35:07 2022
Response via : Initial Calibration





#30
Naphthalene
Concen: 3.182 ng/ul
RT: 10.840 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

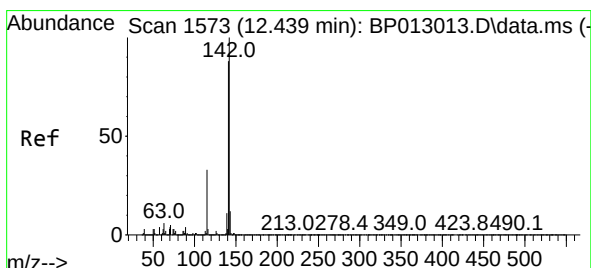
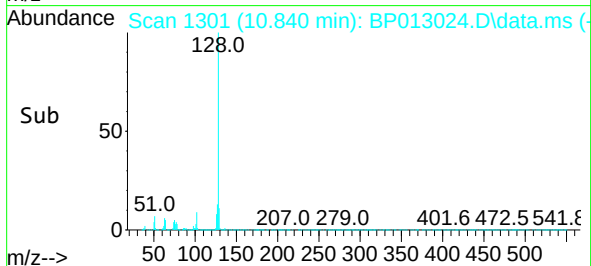
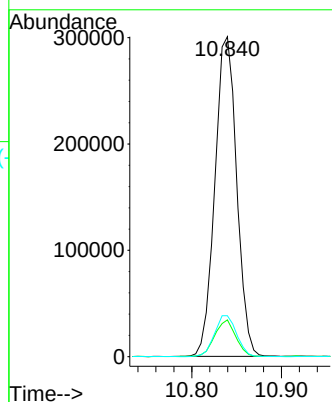
Instrument :
BNA_P
ClientSampleId :
DBXN5



Tgt Ion:128 Resp: 50745
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 12.8 10.4 15.6

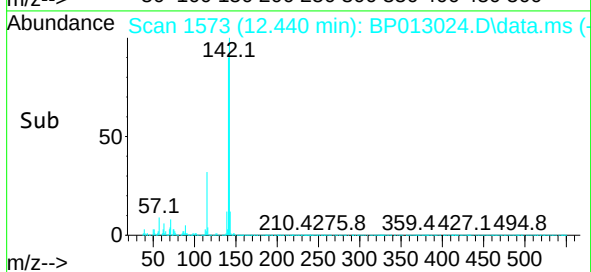
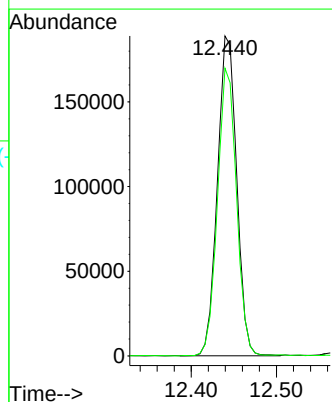
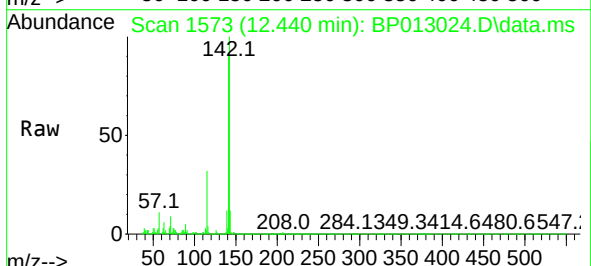
Manual Integrations
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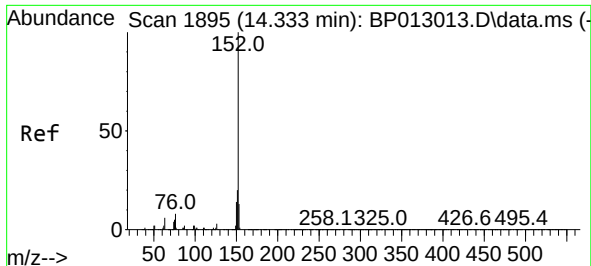
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#36
2-Methylnaphthalene
Concen: 2.712 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

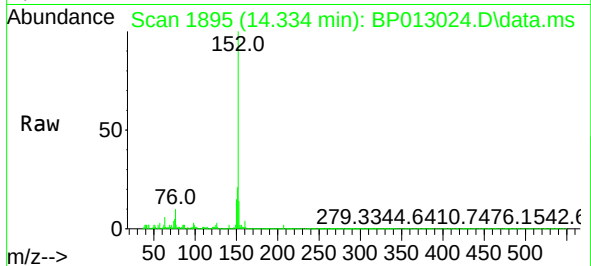
Tgt Ion:142 Resp: 296660
Ion Ratio Lower Upper
142 100
141 89.9 70.8 106.2





#50
Acenaphthylene
Concen: 1.606 ng/u1
RT: 14.334 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

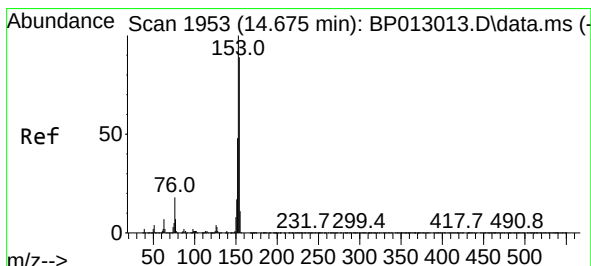
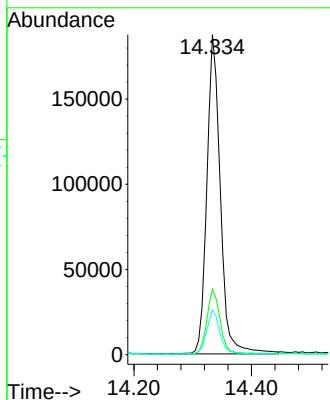
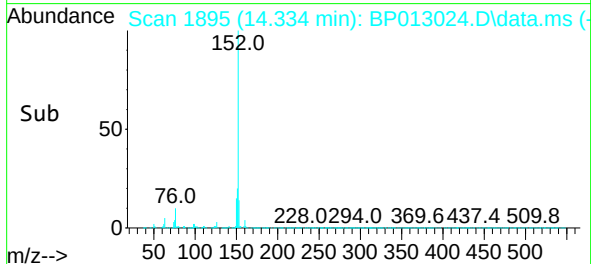
Instrument :
BNA_P
ClientSampleId :
DBXN5



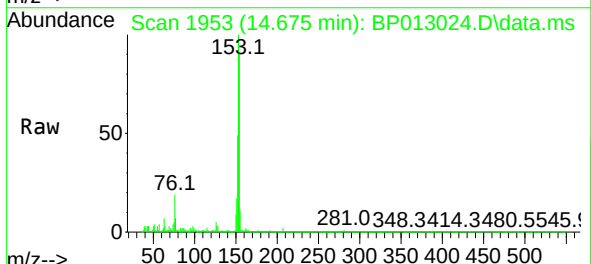
Tgt Ion:152 Resp: 297792
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.6
153 14.0 10.6 16.0

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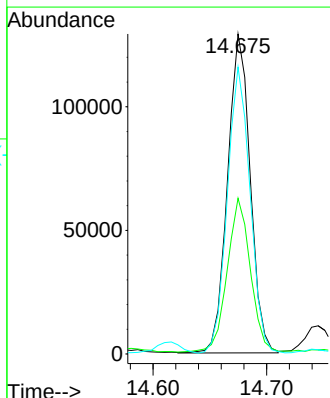
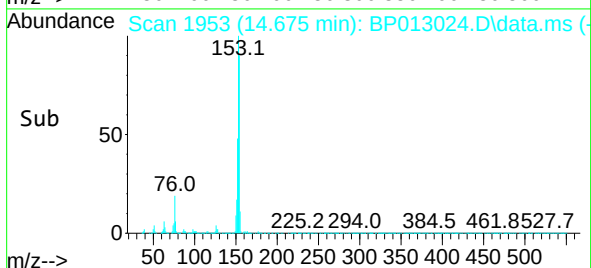
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

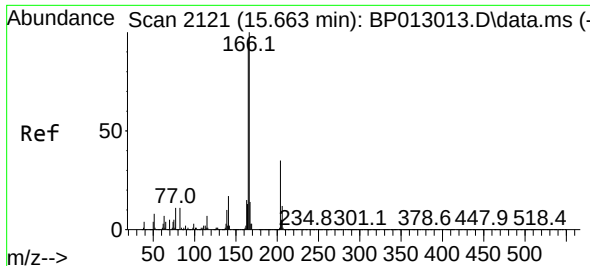


#52
Acenaphthene
Concen: 1.393 ng/u1
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32



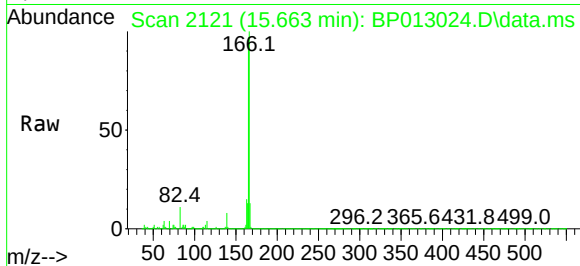
Tgt Ion:153 Resp: 178939
Ion Ratio Lower Upper
153 100
152 48.6 38.2 57.4
154 89.6 70.8 106.2





#61
Fluorene
Concen: 9.114 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

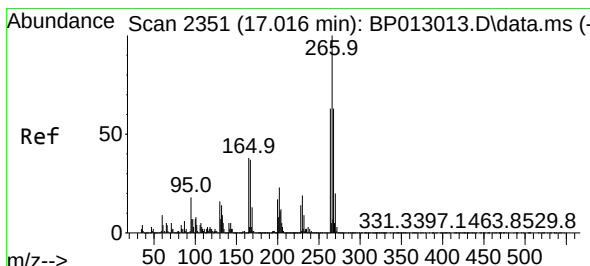
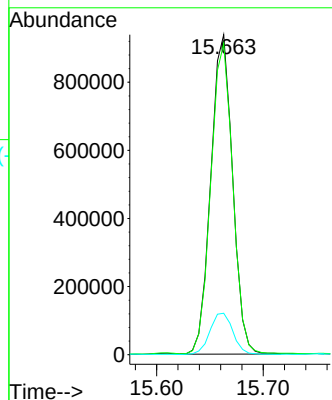
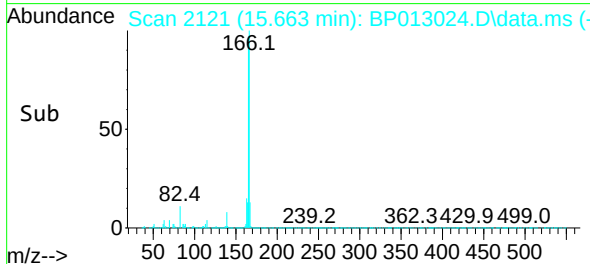
Instrument :
BNA_P
ClientSampleId :
DBXN5



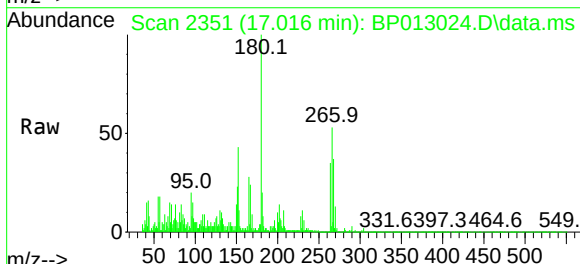
Tgt Ion:166 Resp: 133532
Ion Ratio Lower Upper
166 100
165 97.3 77.4 116.2
167 12.9 10.6 16.0

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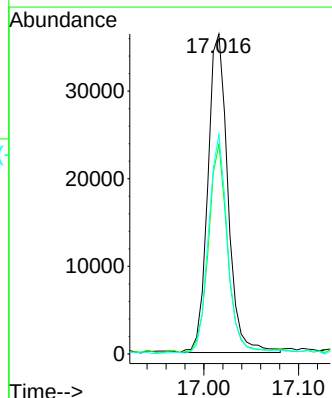
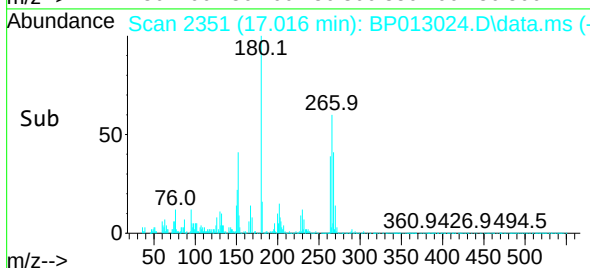
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

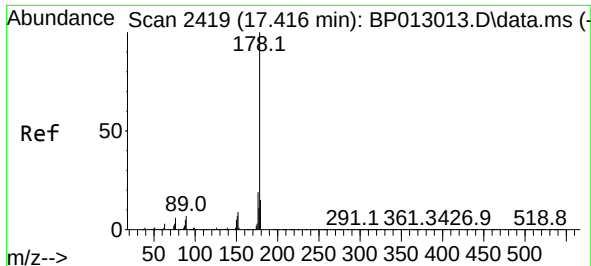


#71
Pentachlorophenol
Concen: 1.495 ng/ul
RT: 17.016 min Scan# 2351
Delta R.T. 0.000 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32



Tgt Ion:266 Resp: 53607
Ion Ratio Lower Upper
266 100
264 65.5 50.9 76.3
268 68.6 51.4 77.2





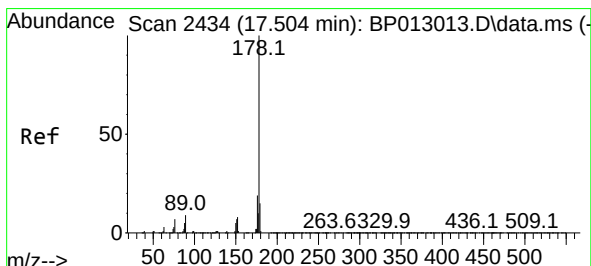
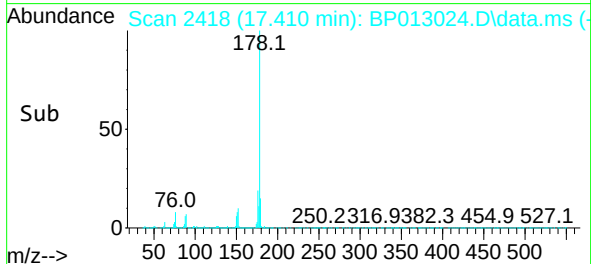
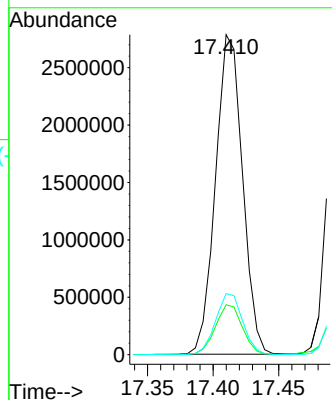
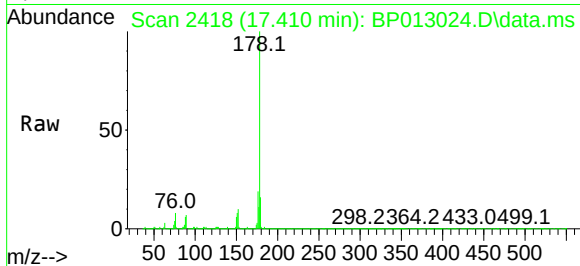
#72
Phenanthrene
Concen: 16.654 ng/ul
RT: 17.410 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

Instrument :
BNA_P
ClientSampleId :
DBXN5

Tgt Ion:178 Resp: 3982428
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.1 15.4 23.0

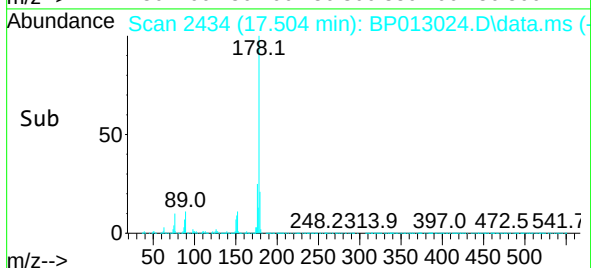
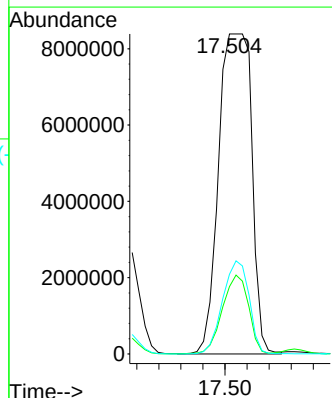
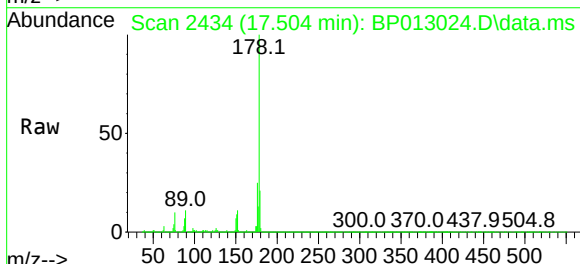
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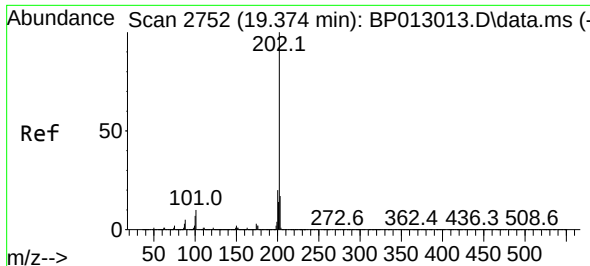
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#74
Anthracene
Concen: 73.066 ng/ul m
RT: 17.504 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

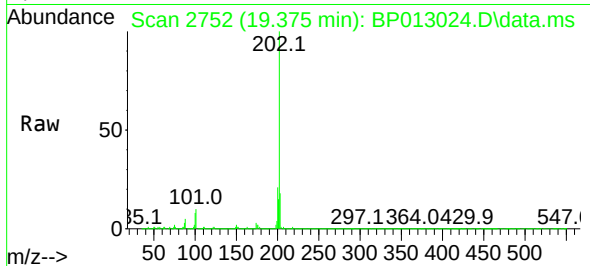
Tgt Ion:178 Resp:17446126
Ion Ratio Lower Upper
178 100
179 21.1 12.5 18.7#
176 24.9 14.8 22.2#





#80
Fluoranthene
Concen: 15.430 ng/u1
RT: 19.375 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

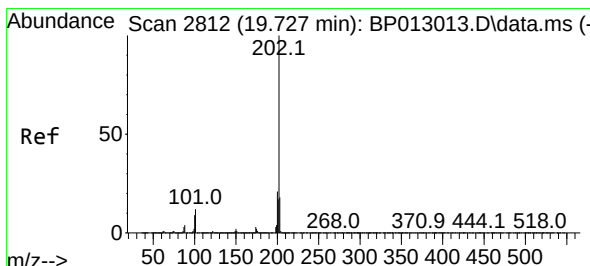
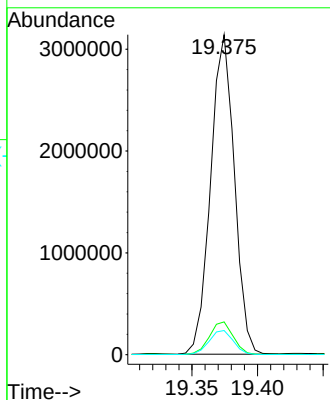
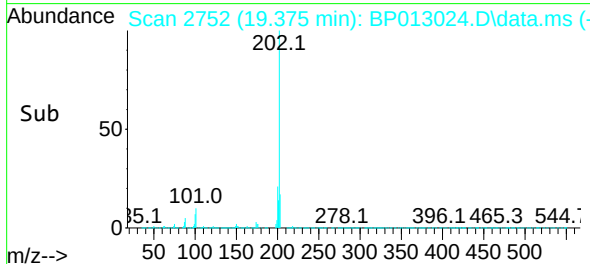
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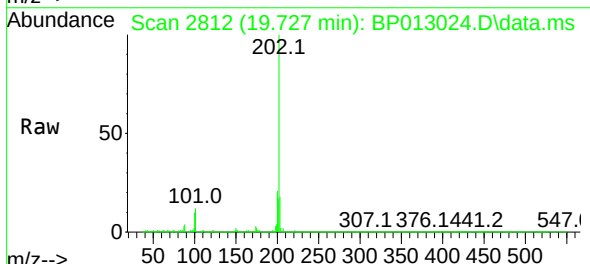
Tgt Ion:202 Resp: 3953774
Ion Ratio Lower Upper
202 100
101 10.2 8.2 12.2
100 7.5 6.1 9.1

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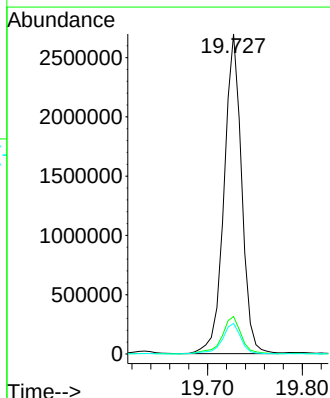
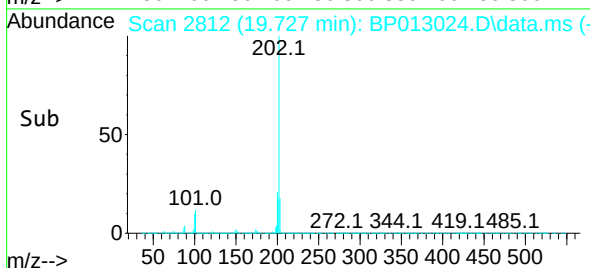
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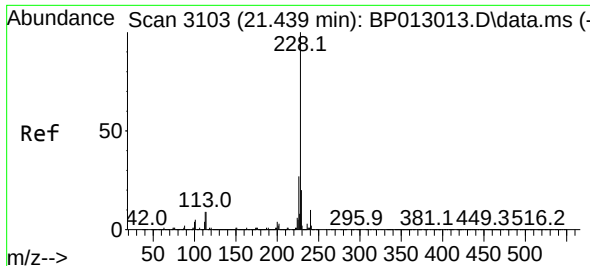


#82
Pyrene
Concen: 13.134 ng/u1
RT: 19.727 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32



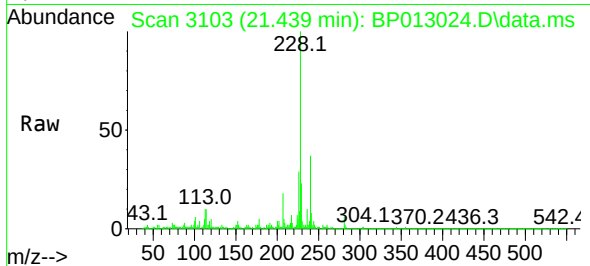
Tgt Ion:202 Resp: 3471786
Ion Ratio Lower Upper
202 100
101 11.7 9.4 14.2
100 9.5 7.8 11.8





#85
Benzo(a)anthracene
Concen: 5.466 ng/ul
RT: 21.439 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

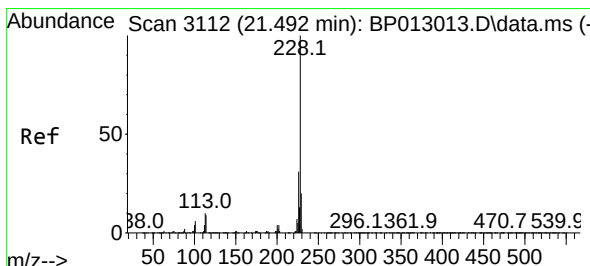
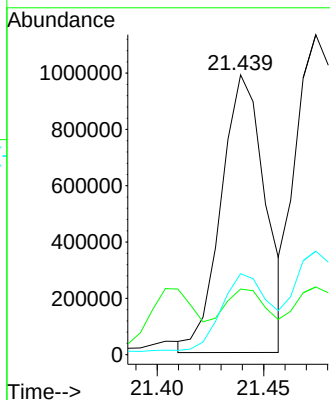
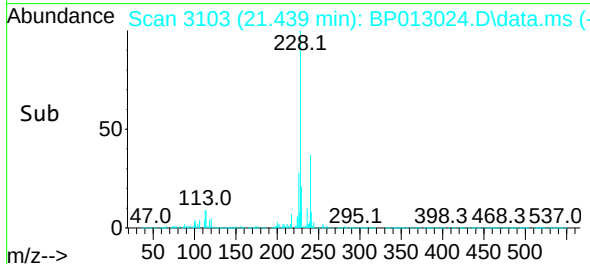
Instrument :
BNA_P
ClientSampleId :
DBXN5



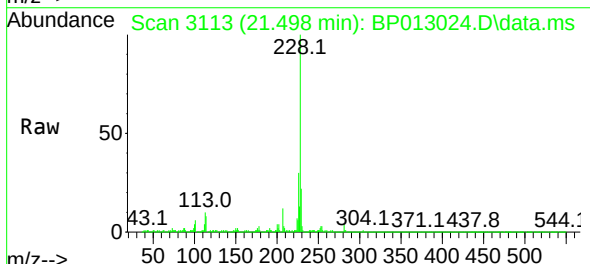
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Ion Ratio Lower Upper
228 100
229 23.4 16.1 24.1
226 29.0 22.0 33.0

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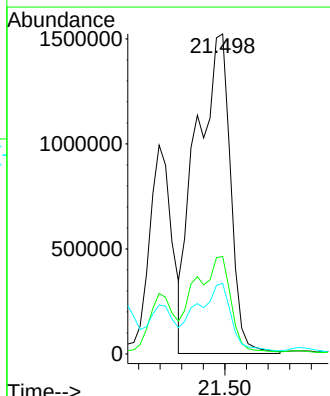
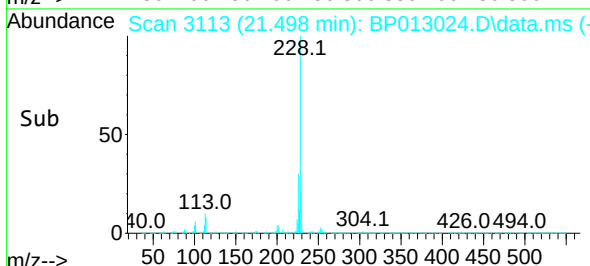
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

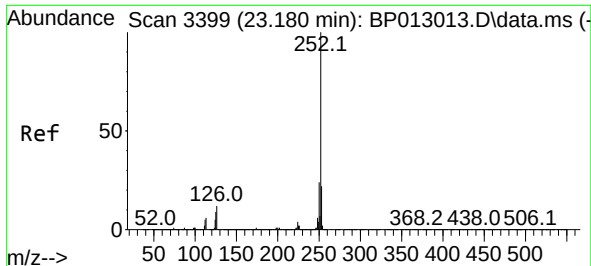


#87
Chrysene
Concen: 13.563 ng/ul m
RT: 21.498 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32



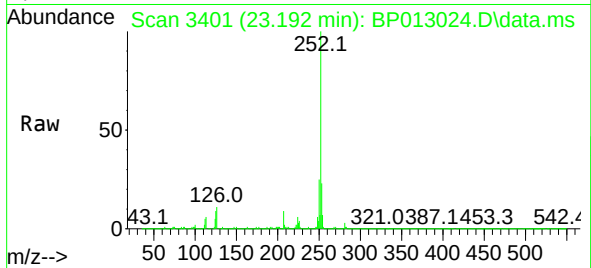
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Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 22.1 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 28.980 ng/ul
RT: 23.192 min Scan# 3401
Delta R.T. 0.006 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

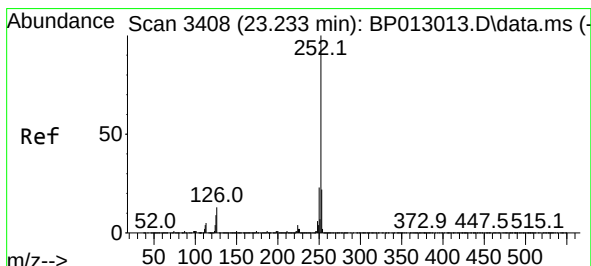
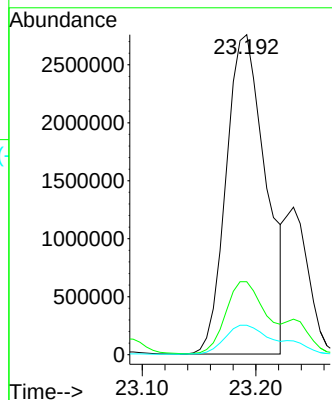
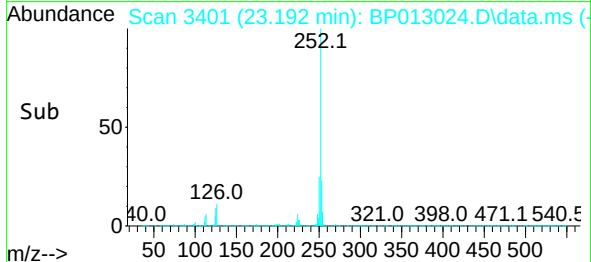
Instrument :
BNA_P
ClientSampleId :
DBXN5



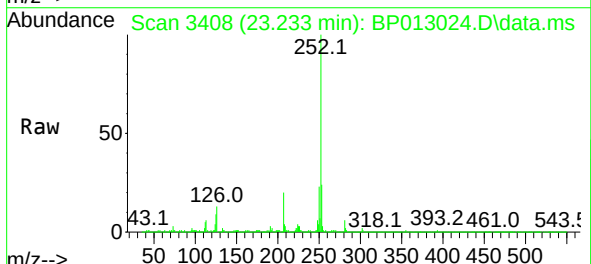
Tgt Ion:252 Resp: 667631
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 9.2 6.8 10.2

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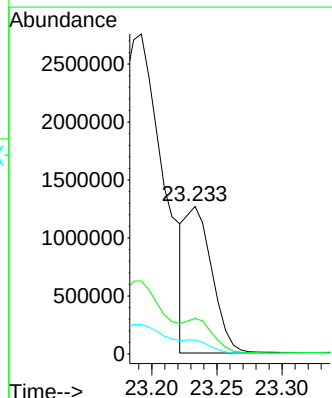
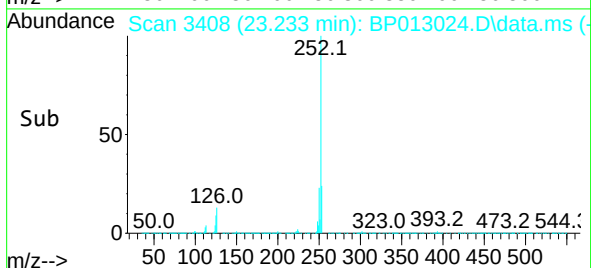
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

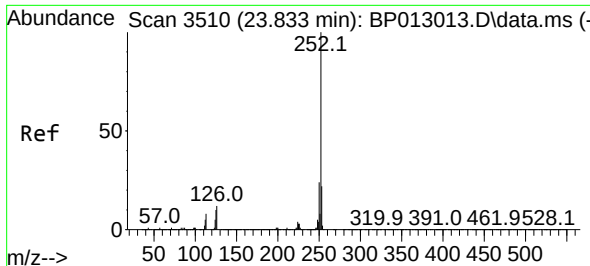


#91
Benzo(k)fluoranthene
Concen: 7.920 ng/ul m
RT: 23.233 min Scan# 3408
Delta R.T. 0.000 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32



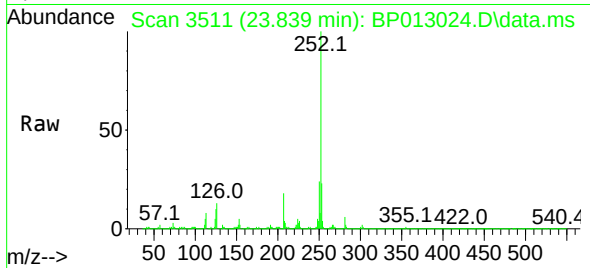
Tgt Ion:252 Resp: 1809257
Ion Ratio Lower Upper
252 100
253 24.1 17.7 26.5
125 9.3 6.8 10.2





#93
Benzo(a)pyrene
Concen: 13.942 ng/ul
RT: 23.839 min Scan# 3510
Delta R.T. 0.000 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

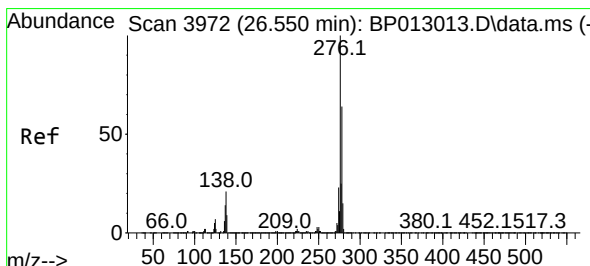
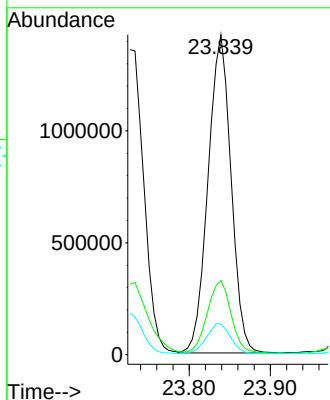
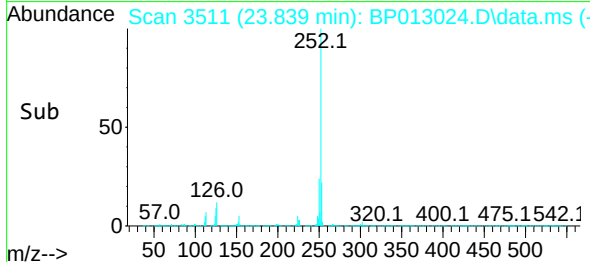
Instrument :
BNA_P
ClientSampleId :
DBXN5



Tgt Ion:252 Resp: 279678
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 9.6 7.5 11.3

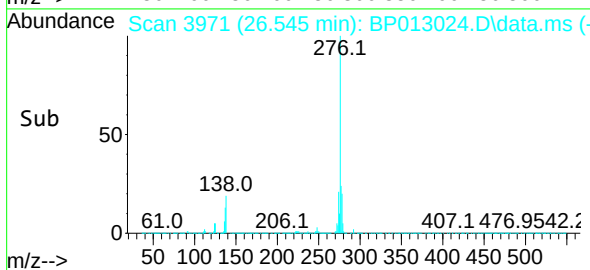
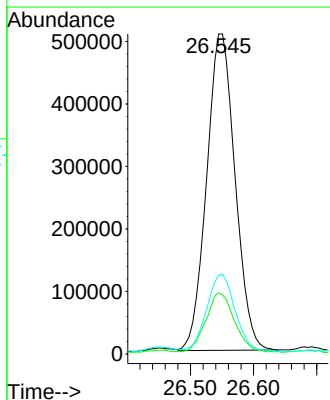
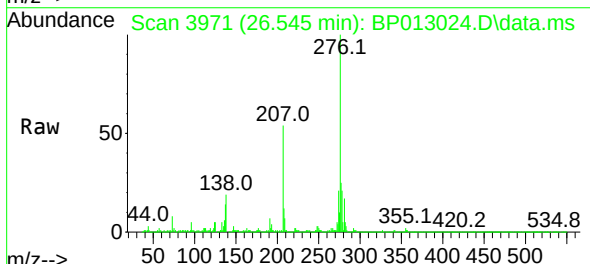
Manual Integrations
APPROVED

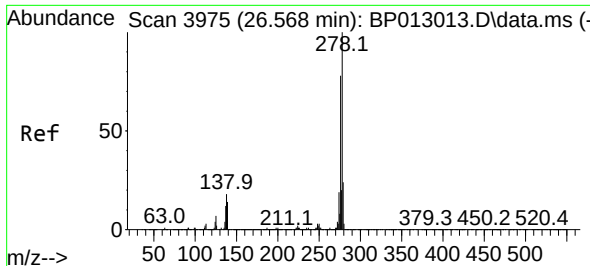
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#94
Indeno(1,2,3-cd)pyrene
Concen: 6.348 ng/ul
RT: 26.545 min Scan# 3971
Delta R.T. -0.012 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

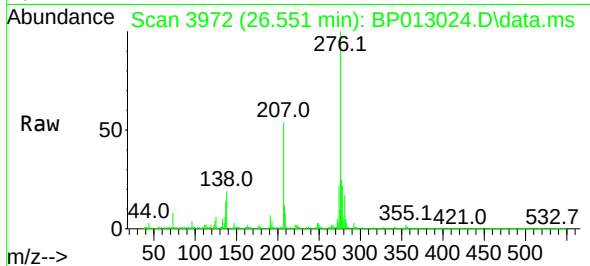
Tgt Ion:276 Resp: 1586146
Ion Ratio Lower Upper
276 100
138 19.0 17.1 25.7
277 24.5 20.0 30.0





#95
Dibenzo(a,h)anthracene
Concen: 2.002 ng/ul
RT: 26.551 min Scan# 3975
Delta R.T. -0.018 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32

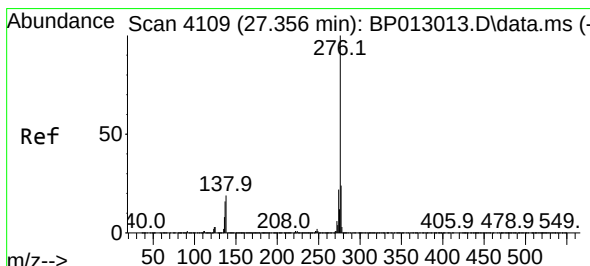
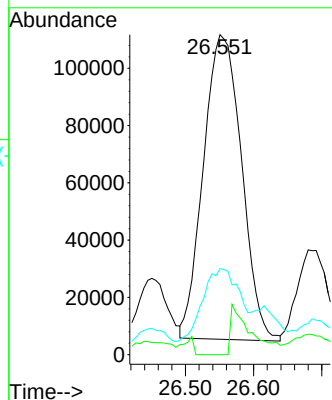
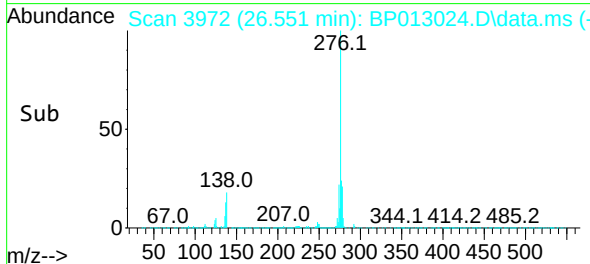
Instrument :
BNA_P
ClientSampleId :
DBXN5



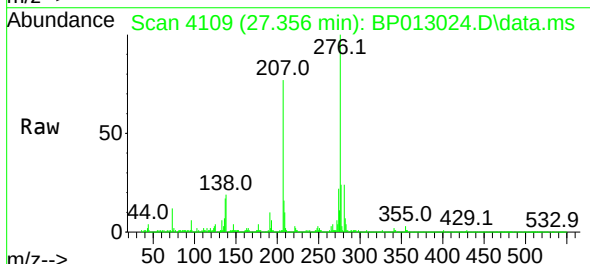
Tgt Ion:278 Resp: 414109
Ion Ratio Lower Upper
278 100
139 0.0 11.1 16.7
279 26.9 19.0 28.6

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 6.048 ng/ul
RT: 27.356 min Scan# 4109
Delta R.T. 0.006 min
Lab File: BP013024.D
Acq: 09 Dec 2022 18:32



Tgt Ion:276 Resp: 1213262
Ion Ratio Lower Upper
276 100
138 19.0 15.4 23.2
277 24.2 19.1 28.7

