

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013025.D
 Acq On : 09 Dec 2022 19:06
 Operator : CG/JU
 Sample : N5896-18 10X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXN6

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 21:58:25 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	771569	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	3345521	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	2207286	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	4675695	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	3042652	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	3065796	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	7084	0.393	ng/uL	0.00
4) Pyridine-d5	3.799	84	68800	1.342	ng/u1	0.01
7) Phenol-d5	7.128	99	150762	2.399	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	92701	2.445	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	127721	2.582	ng/u1	-0.01
15) 4-Methylphenol-d8	8.681	113	125678	2.441	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	56128	2.283	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	61508	2.223	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.404	165	136403	2.538	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	118294	1.559	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	455070	2.683	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	480813	2.579	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	38487	1.261	ng/u1	0.00
60) Fluorene-d10	15.604	176	395859	2.758	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	44404	1.476	ng/u1	0.00
73) Anthracene-d10	17.469	188	607316	2.879	ng/u1	0.00
81) Pyrene-d10	19.698	212	632982	3.624	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.780	264	417906	2.735	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.840	128	446660	2.553	ng/u1	100
36) 2-Methylnaphthalene	12.440	142	210183	1.751	ng/u1	98
50) Acenaphthylene	14.334	152	334939	1.671	ng/u1	99
52) Acenaphthene	14.675	153	210594	1.516	ng/u1	98
61) Fluorene	15.663	166	910051	5.747	ng/u1	100
71) Pentachlorophenol	17.016	266	67885	1.859	ng/u1	97
72) Phenanthrene	17.410	178	3015694	12.383	ng/u1	100
74) Anthracene	17.504	178	15180492m	62.427	ng/u1	
80) Fluoranthene	19.375	202	3805629	19.199	ng/u1	99
82) Pyrene	19.727	202	3189250	15.597	ng/u1	99
85) Benzo(a)anthracene	21.439	228	1266392m	6.270	ng/u1	
87) Chrysene	21.492	228	2806261m	14.691	ng/u1	
90) Benzo(b)fluoranthene	23.186	252	6787386	34.718	ng/u1	99
91) Benzo(k)fluoranthene	23.233	252	2189565m	11.295	ng/u1	
93) Benzo(a)pyrene	23.833	252	3113625	18.291	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.545	276	2087074	9.843	ng/u1	98
95) Dibenzo(a,h)anthracene	26.556	278	532027	3.031	ng/u1#	83
96) Benzo(g,h,i)perylene	27.351	276	1526208	8.966	ng/u1	100

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

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BNA_P

ClientSampleId :

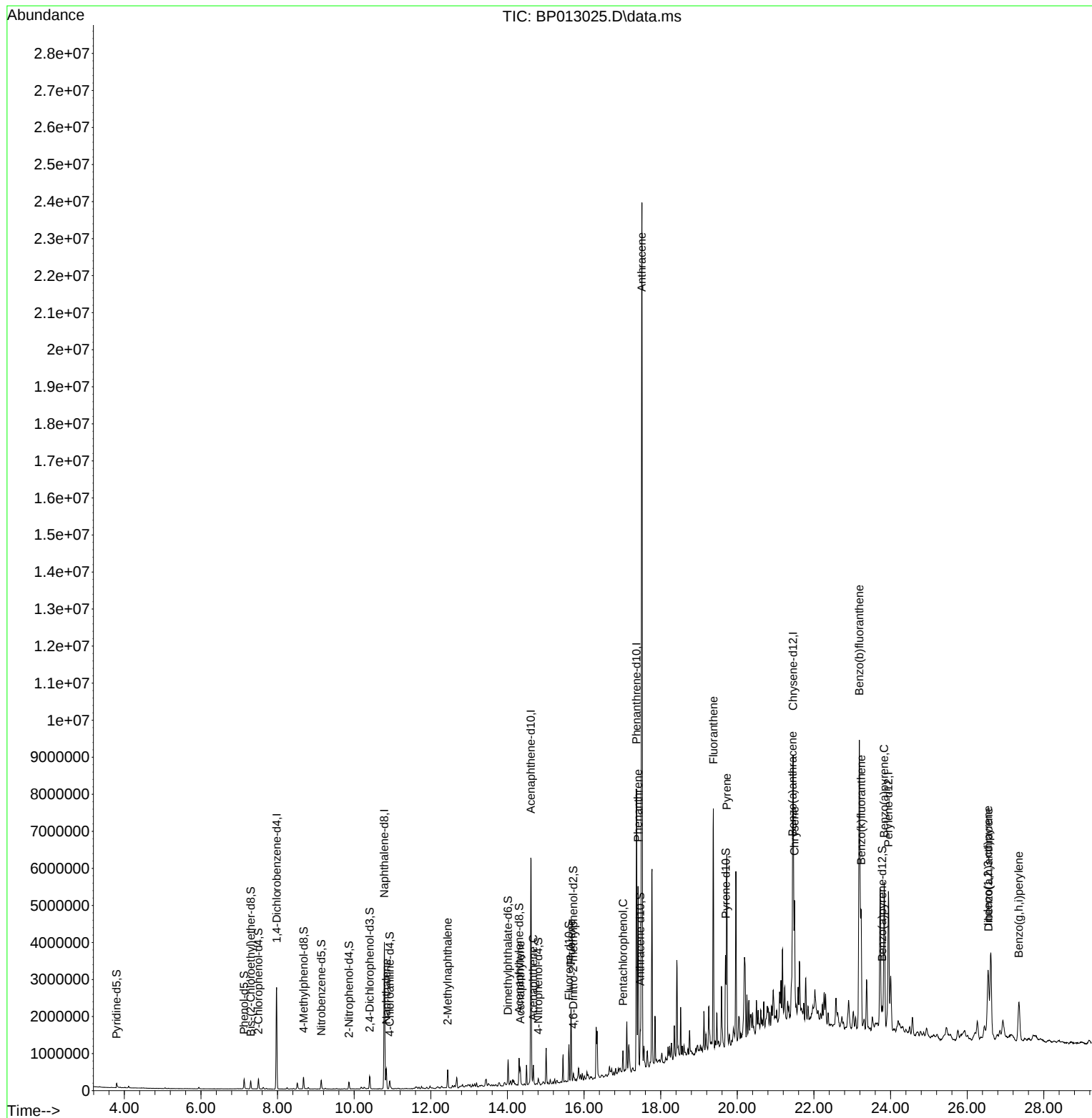
DBXN6

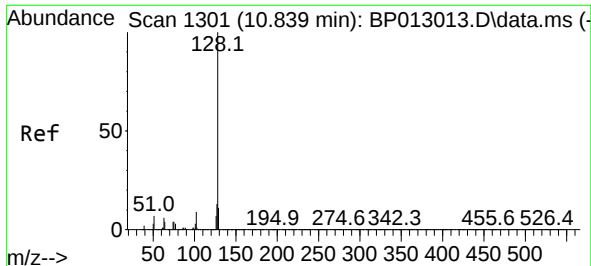
Manual Integrations

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 Supervised By :mohammad ahmed 12/10/2022

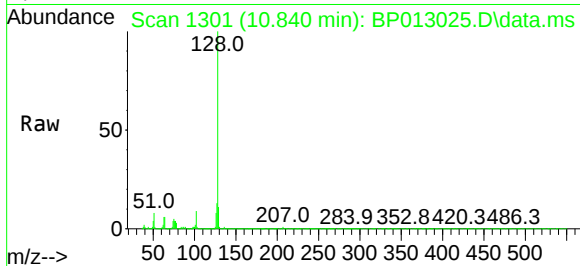
Quant Time: Dec 09 21:58:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
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#30
Naphthalene
Concen: 2.553 ng/ul
RT: 10.840 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06

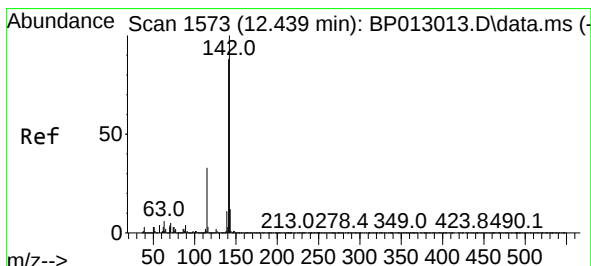
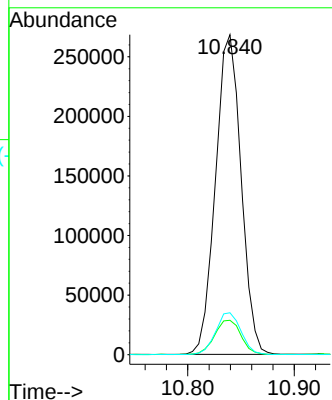
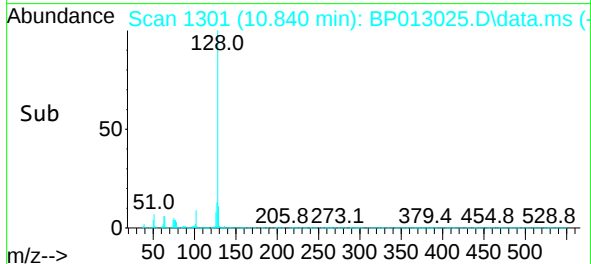
Instrument :
BNA_P
ClientSampleId :
DBXN6



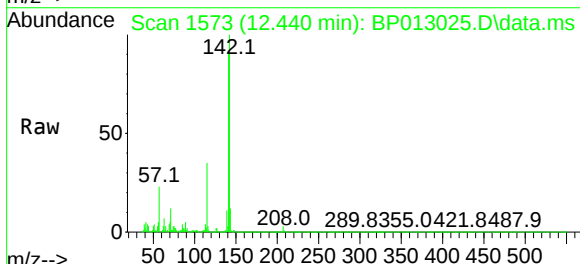
Tgt Ion:128 Resp: 446660
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.1 10.4 15.6

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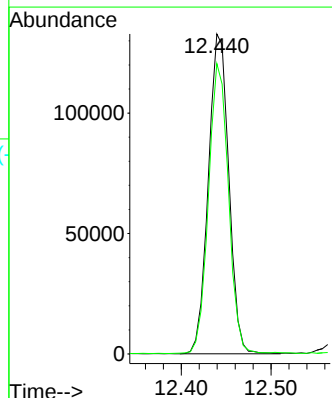
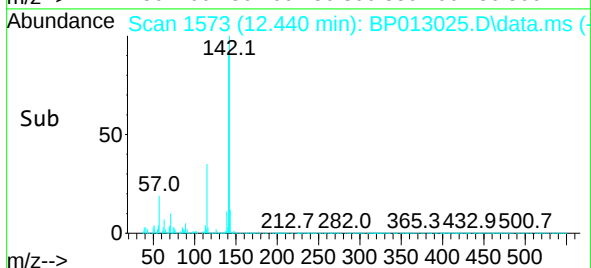
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

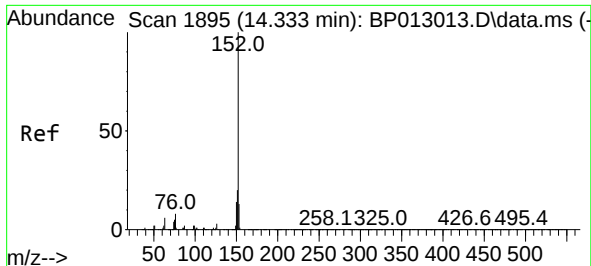


#36
2-Methylnaphthalene
Concen: 1.751 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06



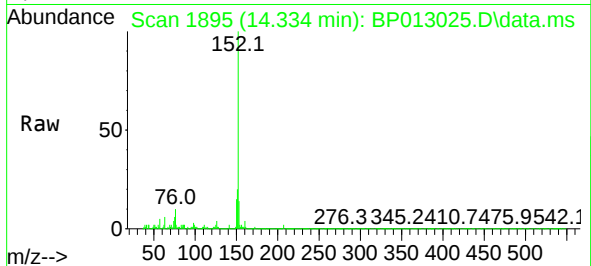
Tgt Ion:142 Resp: 210183
Ion Ratio Lower Upper
142 100
141 90.8 70.8 106.2





#50
Acenaphthylene
Concen: 1.671 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06

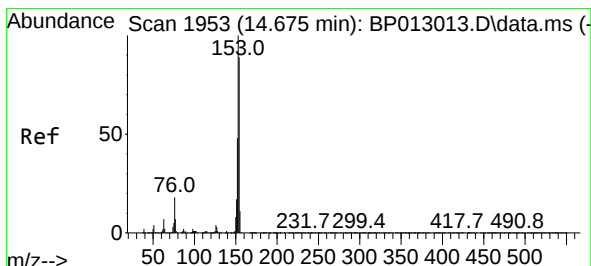
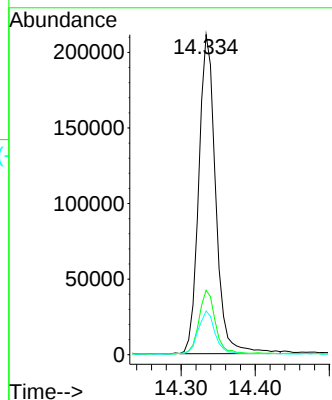
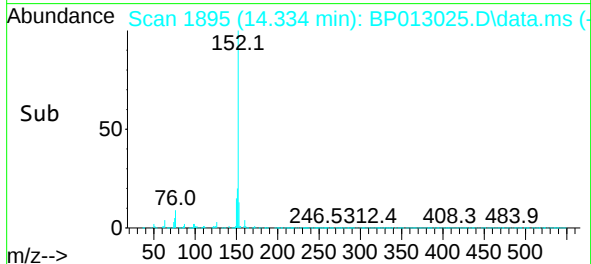
Instrument :
BNA_P
ClientSampleId :
DBXN6



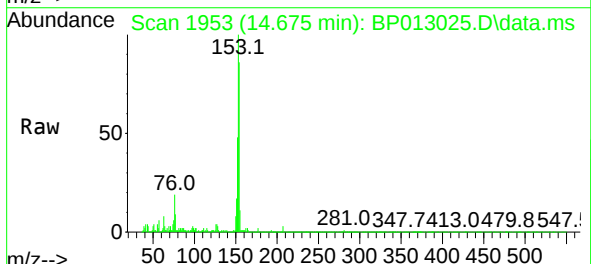
Tgt Ion:152 Resp: 334939
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 13.7 10.6 16.0

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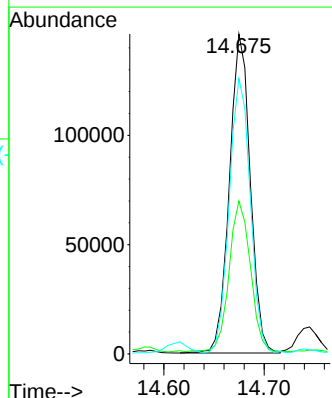
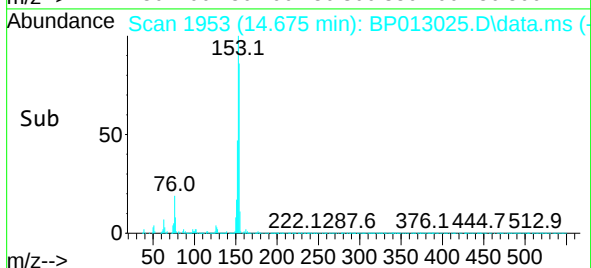
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

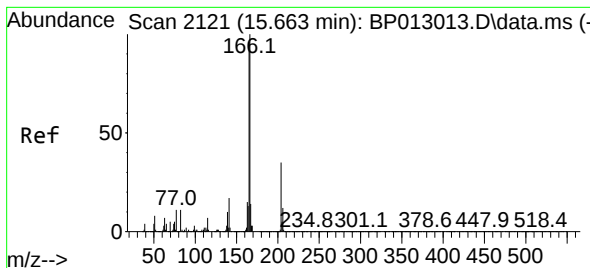


#52
Acenaphthene
Concen: 1.516 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06



Tgt Ion:153 Resp: 210594
Ion Ratio Lower Upper
153 100
152 47.8 38.2 57.4
154 86.1 70.8 106.2





#61

Fluorene

Concen: 5.747 ng/ul

RT: 15.663 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BP013025.D

Acq: 09 Dec 2022 19:06

Instrument :

BNA_P

ClientSampleId :

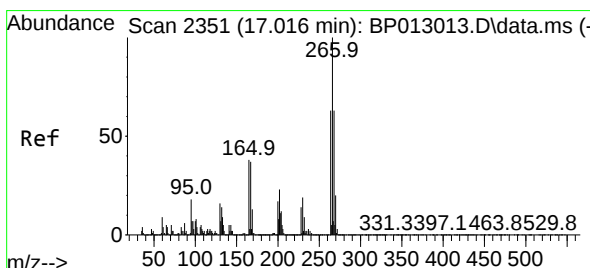
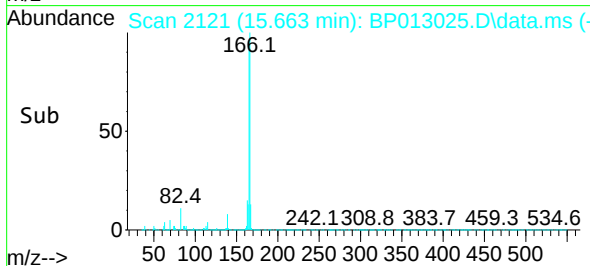
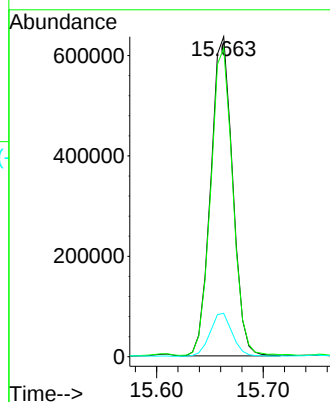
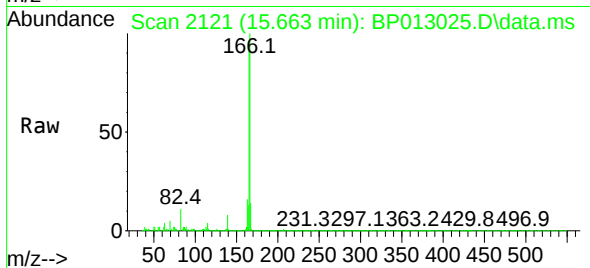
DBXN6

Tgt Ion:	166	Resp:	91005
Ion Ratio	Lower	Upper	
166	100		
165	96.5	77.4	116.2
167	13.6	10.6	16.0

Manual Integrations

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#71

Pentachlorophenol

Concen: 1.859 ng/ul

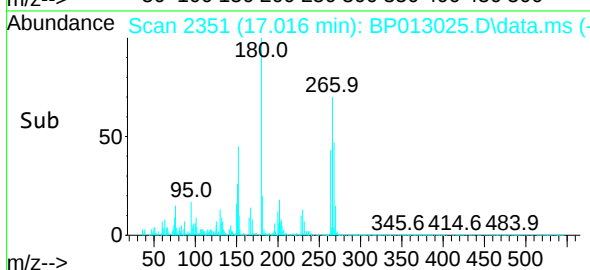
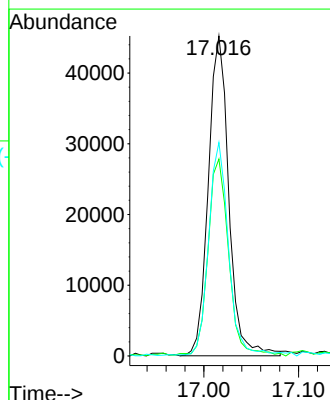
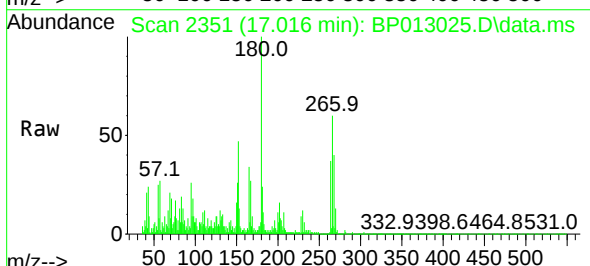
RT: 17.016 min Scan# 2351

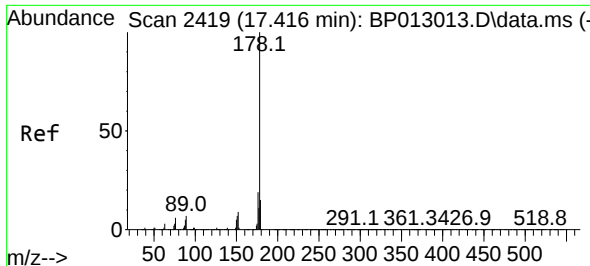
Delta R.T. 0.000 min

Lab File: BP013025.D

Acq: 09 Dec 2022 19:06

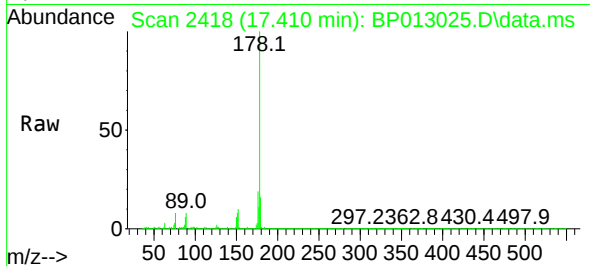
Tgt Ion:	266	Resp:	67885
Ion Ratio	Lower	Upper	
266	100		
264	61.6	50.9	76.3
268	66.7	51.4	77.2





#72
Phenanthrene
Concen: 12.383 ng/ul
RT: 17.410 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06

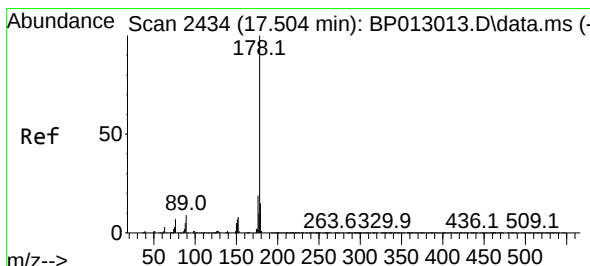
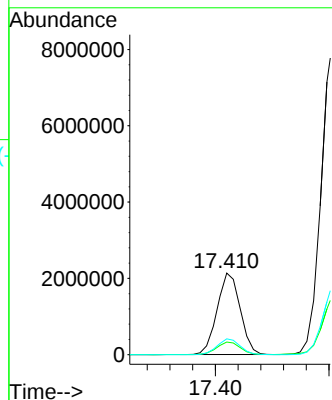
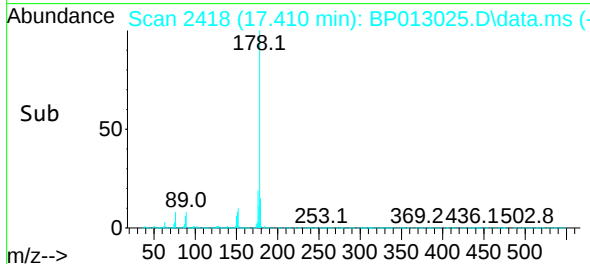
Instrument :
BNA_P
ClientSampleId :
DBXN6



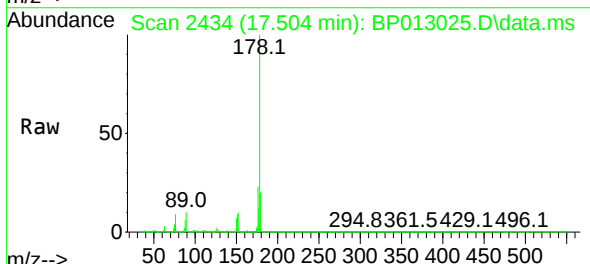
Tgt Ion:178 Resp: 3015694
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.3 15.4 23.0

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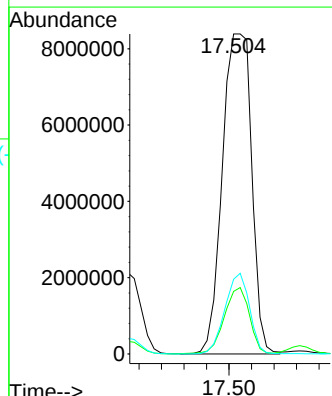
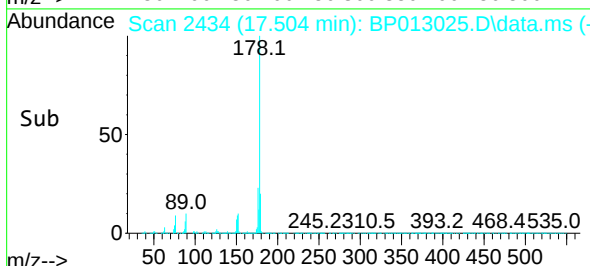
Reviewed By :Jagrut Upadhyay 12/10/2022
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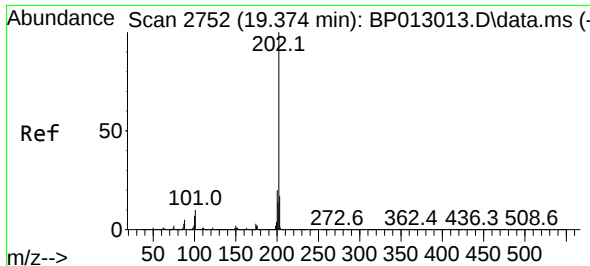


#74
Anthracene
Concen: 62.427 ng/ul m
RT: 17.504 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06



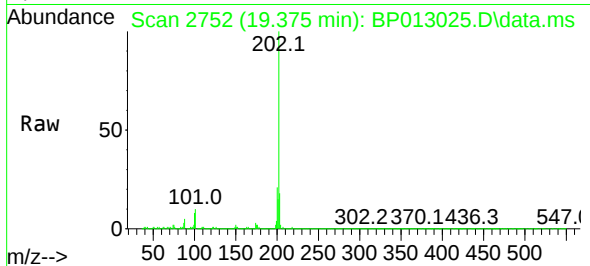
Tgt Ion:178 Resp:15180492
Ion Ratio Lower Upper
178 100
179 19.6 12.5 18.7#
176 23.4 14.8 22.2#





#80
Fluoranthene
Concen: 19.199 ng/u1
RT: 19.375 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06

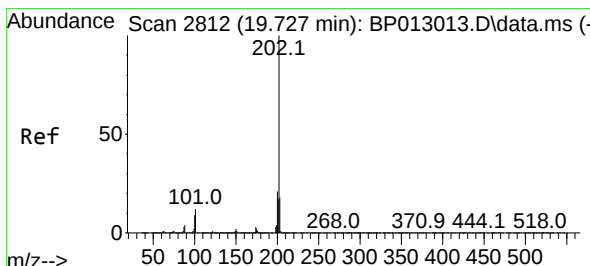
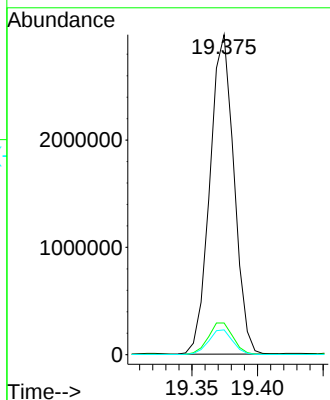
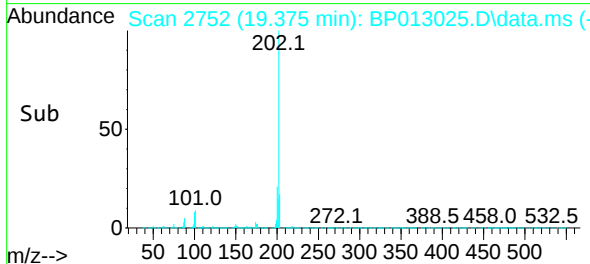
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:202 Resp: 3805629
Ion Ratio Lower Upper
202 100
101 9.9 8.2 12.2
100 7.8 6.1 9.1

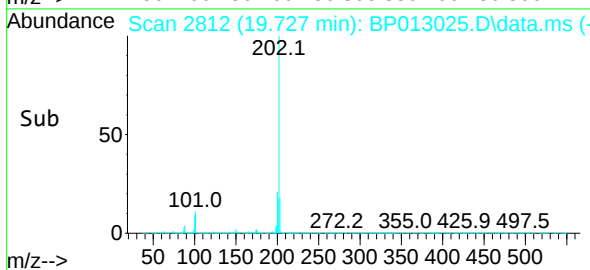
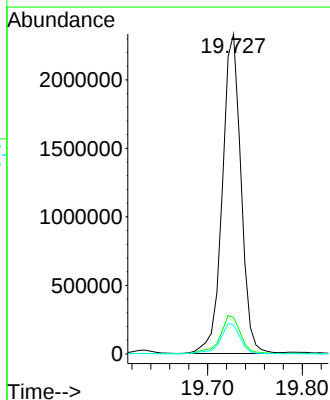
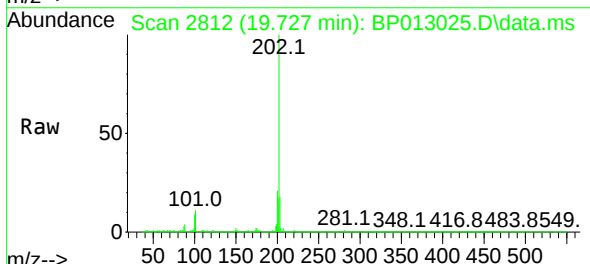
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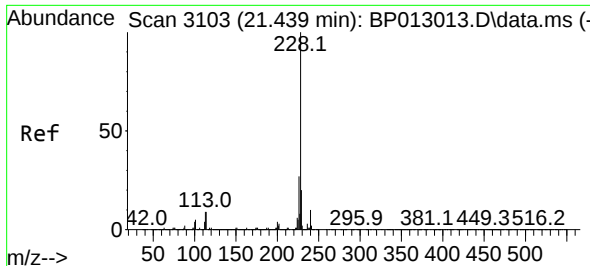
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#82
Pyrene
Concen: 15.597 ng/u1
RT: 19.727 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06

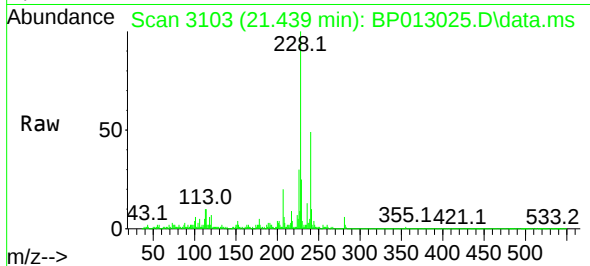
Tgt Ion:202 Resp: 3189250
Ion Ratio Lower Upper
202 100
101 11.4 9.4 14.2
100 9.1 7.8 11.8





#85
Benzo(a)anthracene
Concen: 6.270 ng/ul m
RT: 21.439 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06

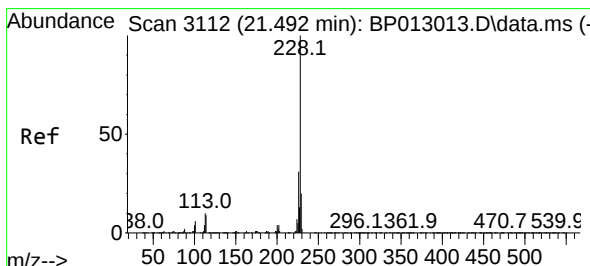
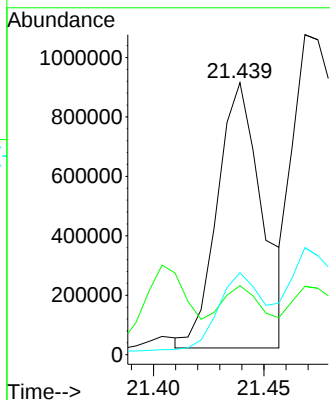
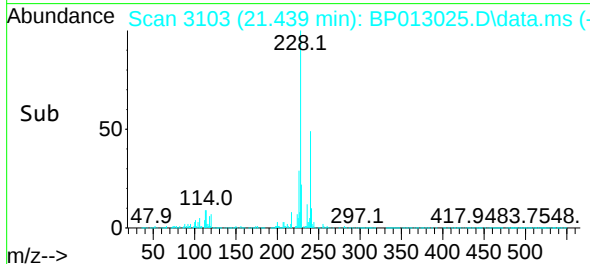
Instrument :
BNA_P
Client Sample Id :
DBXN6



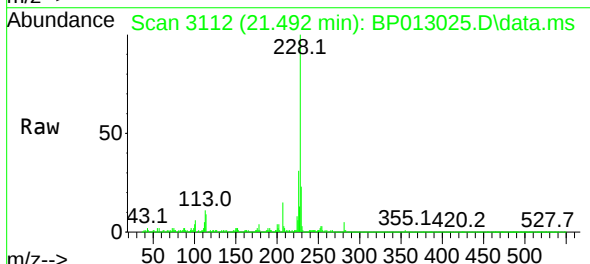
Tgt Ion:228 Resp: 1266392
Ion Ratio Lower Upper
228 100
229 25.4 16.1 24.1
226 30.1 22.0 33.0

Manual Integrations
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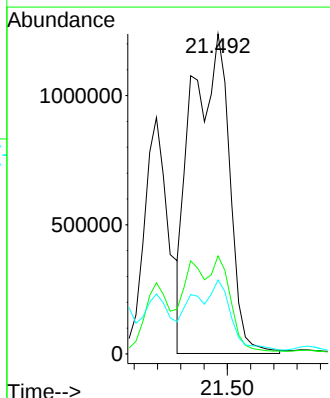
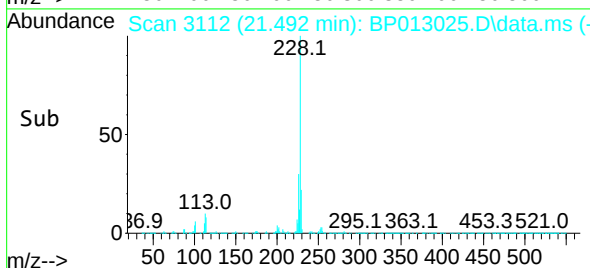
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Supervised By :mohammad ahmed 12/10/2022

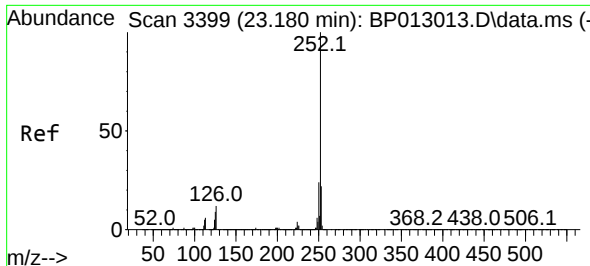


#87
Chrysene
Concen: 14.691 ng/ul m
RT: 21.492 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06



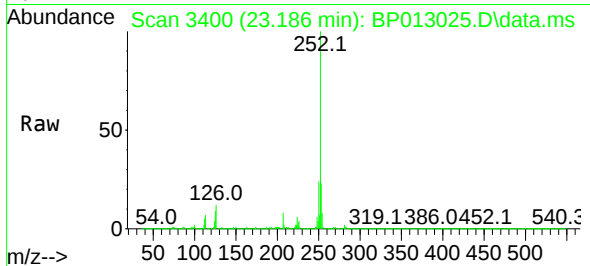
Tgt Ion:228 Resp: 2806261
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 23.1 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 34.718 ng/ul
RT: 23.186 min Scan# 3400
Delta R.T. 0.000 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06

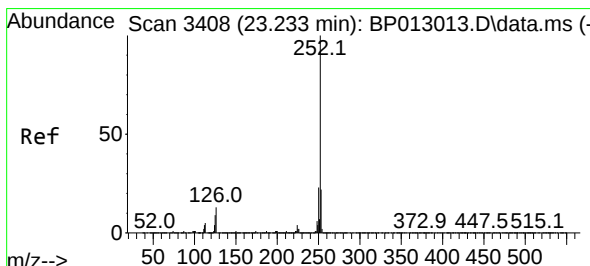
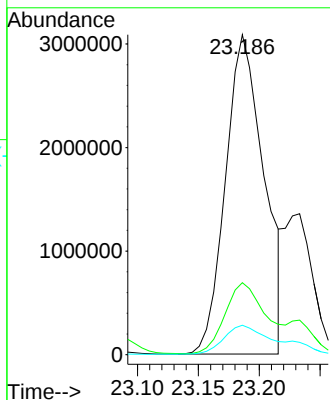
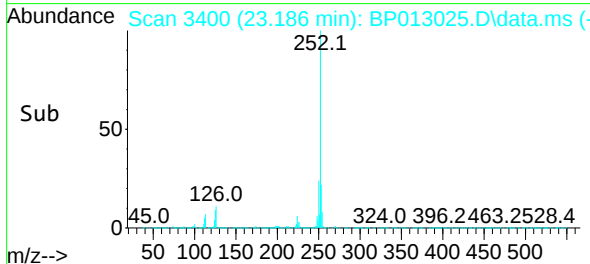
Instrument :
BNA_P
ClientSampleId :
DBXN6



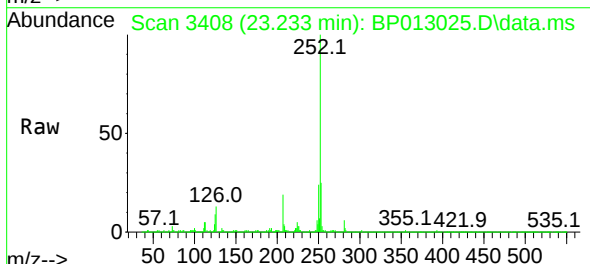
Tgt Ion:252 Resp: 6787380
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 9.2 6.8 10.2

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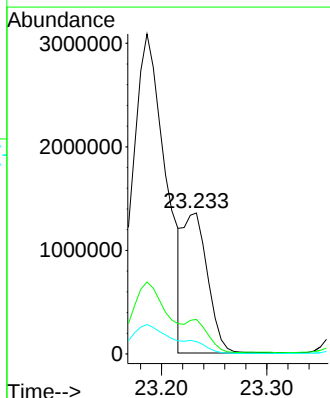
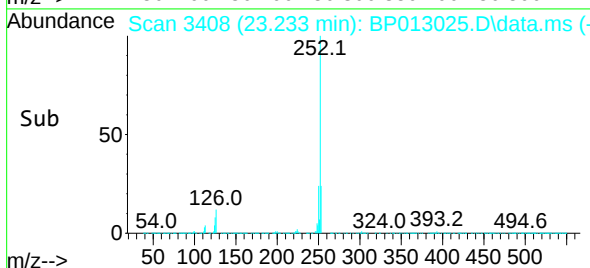
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

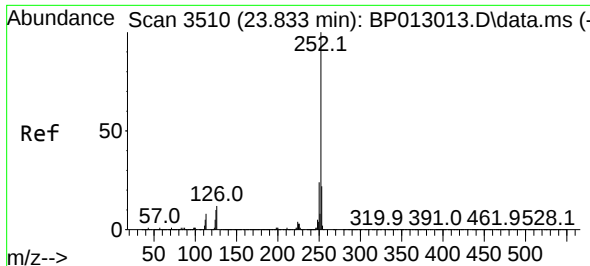


#91
Benzo(k)fluoranthene
Concen: 11.295 ng/ul m
RT: 23.233 min Scan# 3408
Delta R.T. 0.000 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06



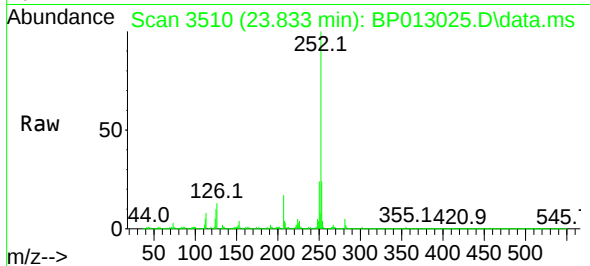
Tgt Ion:252 Resp: 2189565
Ion Ratio Lower Upper
252 100
253 24.5 17.7 26.5
125 8.8 6.8 10.2





#93
Benzo(a)pyrene
Concen: 18.291 ng/ul
RT: 23.833 min Scan# 311362
Delta R.T. -0.006 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06

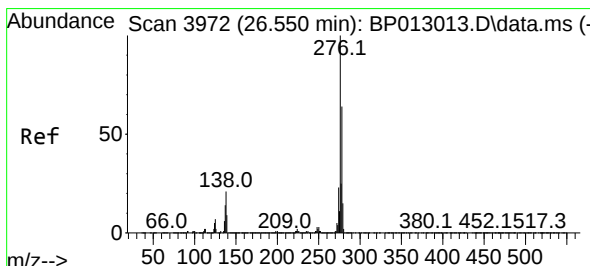
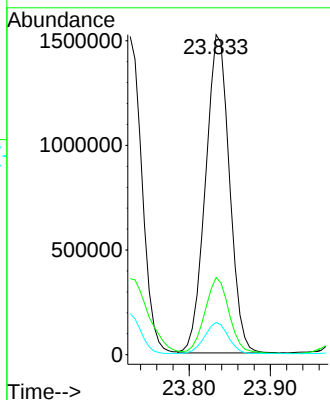
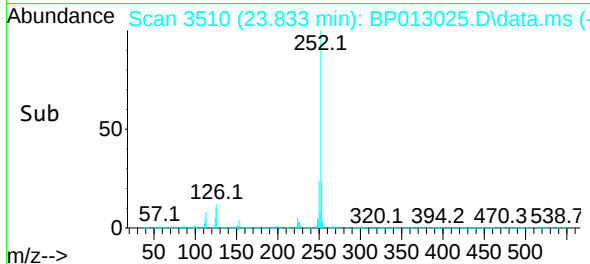
Instrument :
BNA_P
ClientSampleId :
DBXN6



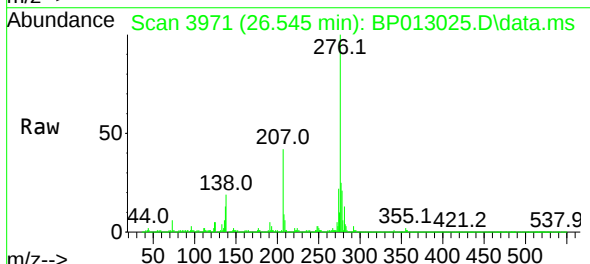
Tgt Ion:252 Resp: 311362
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 10.1 7.5 11.3

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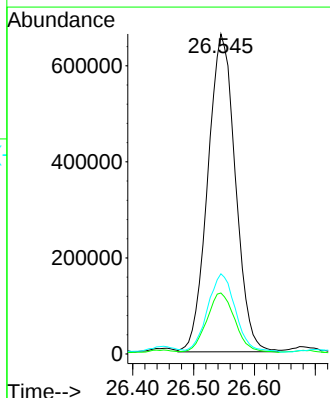
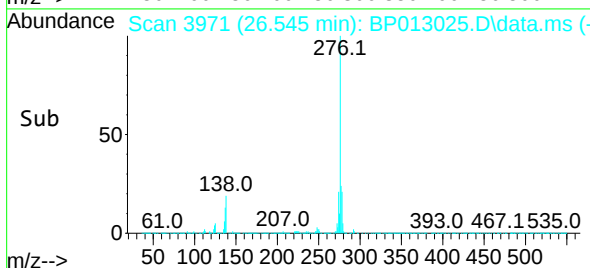
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

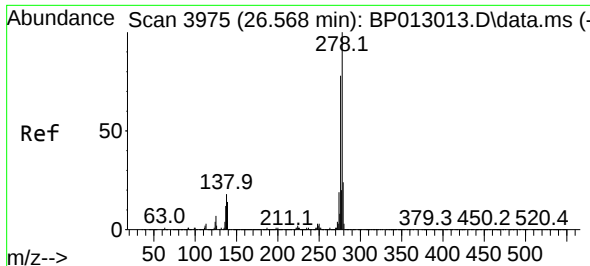


#94
Indeno(1,2,3-cd)pyrene
Concen: 9.843 ng/ul
RT: 26.545 min Scan# 3971
Delta R.T. -0.012 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06



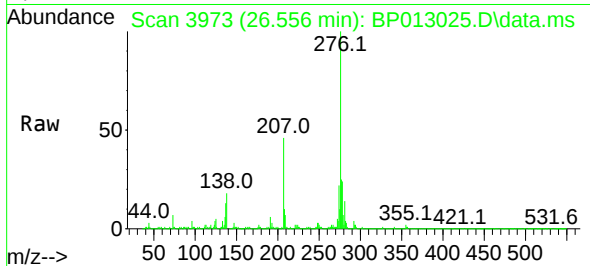
Tgt Ion:276 Resp: 2087074
Ion Ratio Lower Upper
276 100
138 19.0 17.1 25.7
277 25.0 20.0 30.0





#95
Dibenzo(a,h)anthracene
Concen: 3.031 ng/ul
RT: 26.556 min Scan# 3975
Delta R.T. -0.012 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06

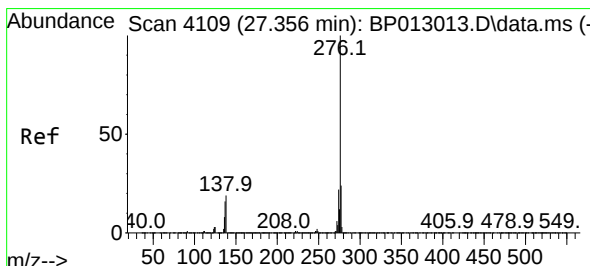
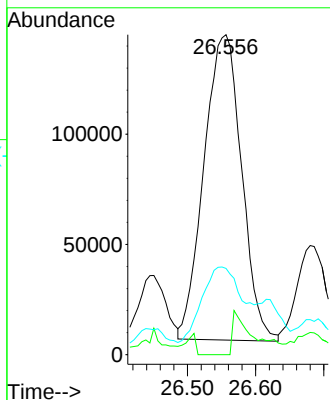
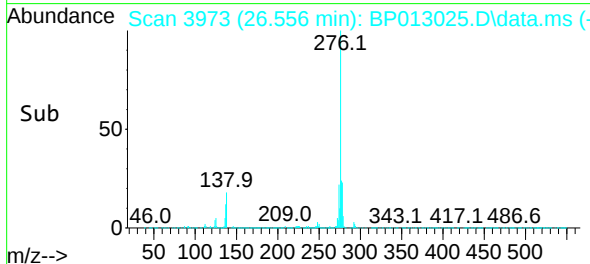
Instrument :
BNA_P
ClientSampleId :
DBXN6



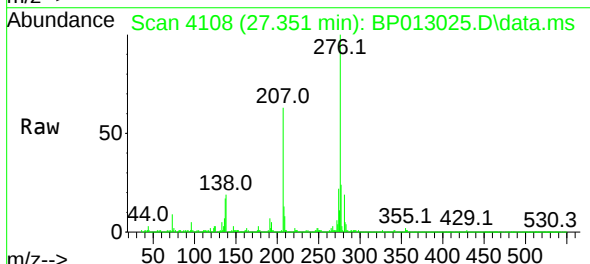
Tgt Ion:278 Resp: 53202
Ion Ratio Lower Upper
278 100
139 0.0 11.1 16.7
279 27.0 19.0 28.6

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



#96
Benzo(g,h,i)perylene
Concen: 8.966 ng/ul
RT: 27.351 min Scan# 4108
Delta R.T. 0.000 min
Lab File: BP013025.D
Acq: 09 Dec 2022 19:06



Tgt Ion:276 Resp: 1526208
Ion Ratio Lower Upper
276 100
138 19.3 15.4 23.2
277 24.1 19.1 28.7

