

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
 Data File : BP012011.D
 Acq On : 07 Oct 2022 16:43
 Operator : CG/JU
 Sample : N4923-01DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E10007DL

Quant Time: Oct 07 23:09:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 07 03:22:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	206025	20.000	ng/u1	0.00
20) Naphthalene-d8	10.698	136	837973	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.528	164	536117	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	1101058	20.000	ng/u1	0.00
79) Chrysene-d12	21.368	240	1174711	20.000	ng/u1	0.00
88) Perylene-d12	23.804	264	1200480	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.075	99	27067m	1.522	ng/u1	0.04
9) Bis-(2-Chloroethyl)eth...	7.222	67	114419	11.606	ng/u1	0.02
11) 2-Chlorophenol-d4	7.416	132	79181	5.639	ng/u1	0.01
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.063	128	54911	8.603	ng/u1	0.02
24) 2-Nitrophenol-d4	9.775	143	51494	7.541	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.328	165	84829	6.716	ng/u1	0.02
31) 4-Chloroaniline-d4	10.840	131	201635m	10.471	ng/u1	0.02
46) Dimethylphthalate-d6	13.939	166	294091	7.671	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	353113	8.079	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	82864	10.438	ng/u1	0.00
60) Fluorene-d10	15.522	176	305169	9.166	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	31787	4.770	ng/u1	0.02
73) Anthracene-d10	17.380	188	416186	8.298	ng/u1	0.00
81) Pyrene-d10	19.616	212	478993	8.051	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.645	264	498349	8.293	ng/u1	0.01
Target Compounds						
					Qvalue	
8) Phenol	7.116	94	12135045	657.808	ng/u1	95
13) 2-Methylphenol	8.357	108	7607304	523.409	ng/u1	100
18) 4-Methylphenol	8.722	108	14595819	911.452	ng/u1	94
26) 2,4-Dimethylphenol	9.893	107	10175794m	694.521	ng/u1	
30) Naphthalene	10.769	128	22042615	489.744	ng/u1	97
36) 2-Methylnaphthalene	12.357	142	3727757	118.598	ng/u1	99
37) 1-Methylnaphthalene	12.575	142	2477281	78.545	ng/u1	99
43) 1,1'-Biphenyl	13.357	154	552906	13.943	ng/u1	99
50) Acenaphthylene	14.251	152	2234623	46.036	ng/u1	99
52) Acenaphthene	14.586	153	522283	15.251	ng/u1	98
56) Dibenzofuran	14.928	168	1565492	33.375	ng/u1	99
61) Fluorene	15.575	166	1152303	29.994	ng/u1	99
72) Phenanthrene	17.328	178	3995865	66.036	ng/u1	99
74) Anthracene	17.416	178	1374267	22.573	ng/u1	99
77) Carbazole	17.692	167	1639109	29.798	ng/u1	99
80) Fluoranthene	19.292	202	2042475	28.053	ng/u1	99
82) Pyrene	19.645	202	1641839	21.659	ng/u1	98
85) Benzo(a)anthracene	21.357	228	826892	10.764	ng/u1	94
87) Chrysene	21.410	228	645376	8.952	ng/u1	97
90) Benzo(b)fluoranthene	23.062	252	667106	8.706	ng/u1	98
91) Benzo(k)fluoranthene	23.104	252	242232m	3.283	ng/u1	
93) Benzo(a)pyrene	23.692	252	564944	8.262	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.327	276	281737	3.237	ng/u1	96
95) Dibenzo(a,h)anthracene	26.339	278	82630	1.069	ng/u1#	86

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 03:22:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) Benzo(g,h,i)perylene	27.115	276	217778	2.822	ng/ul	96

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

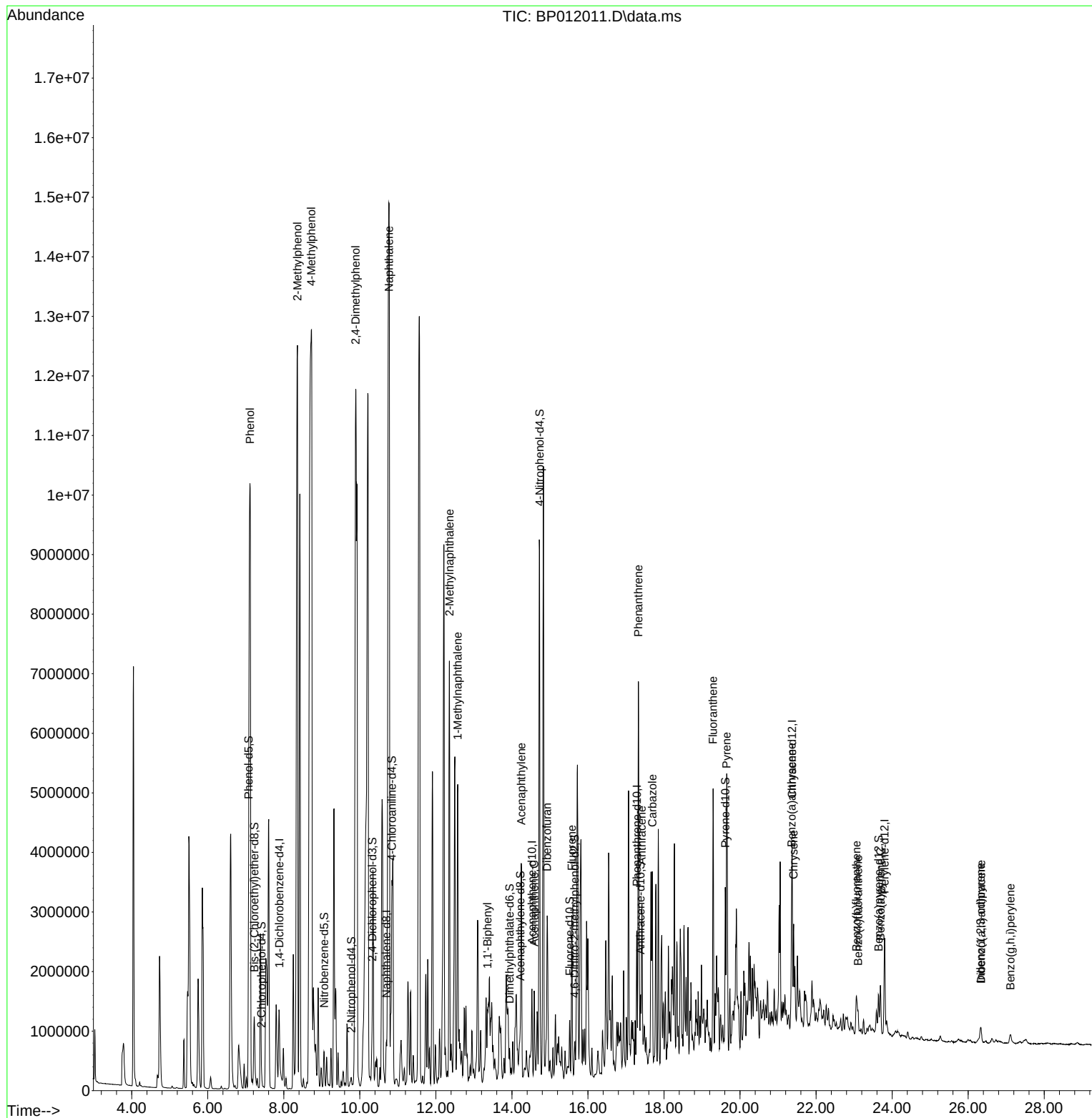
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
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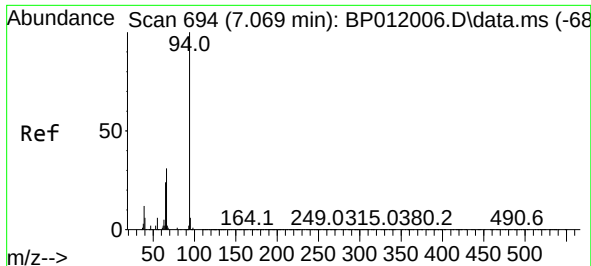
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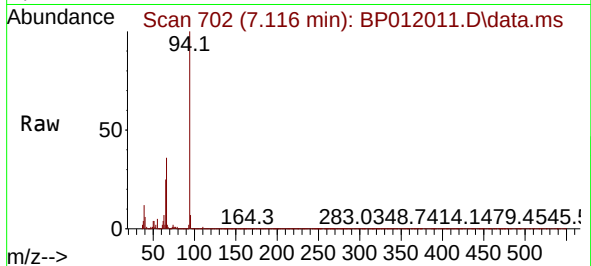
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#8
Phenol
Concen: 657.808 ng/ul
RT: 7.116 min Scan# 702
Delta R.T. 0.053 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

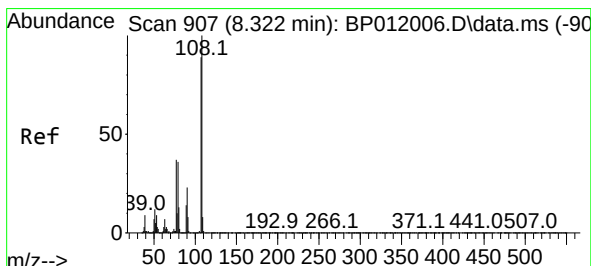
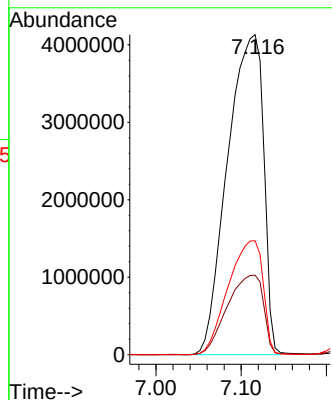
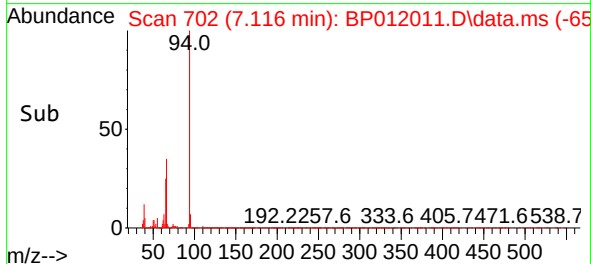
Instrument :
BNA_P
ClientSampleId :
E10007DL



Tgt Ion: 94 Resp: 1213504
Ion Ratio Lower Upper
94 100
65 24.9 19.5 29.3
66 35.6 25.0 37.4

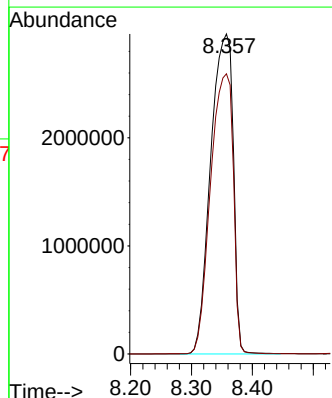
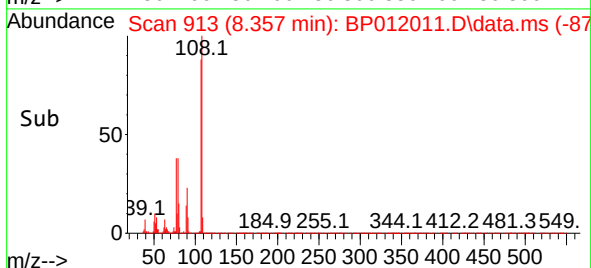
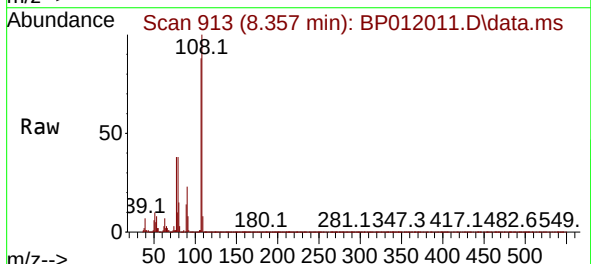
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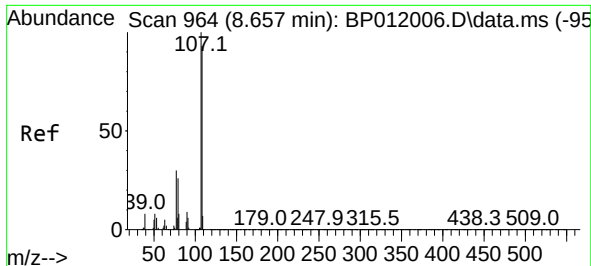
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/10/2022



#13
2-Methylphenol
Concen: 523.409 ng/ul
RT: 8.357 min Scan# 913
Delta R.T. 0.035 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Tgt Ion: 108 Resp: 7607304
Ion Ratio Lower Upper
108 100
107 87.6 70.2 105.2





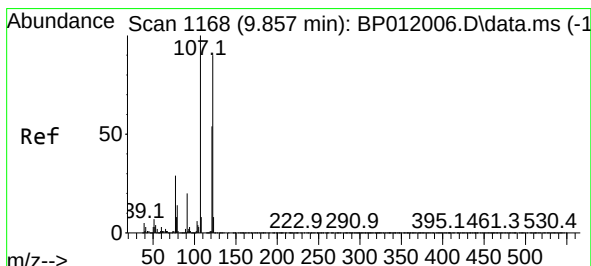
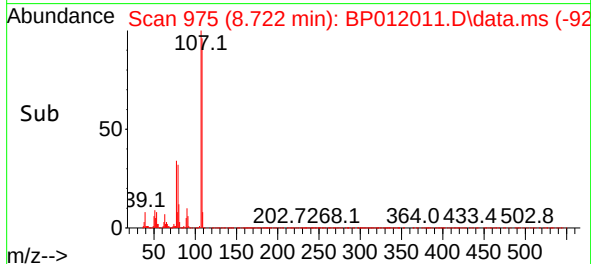
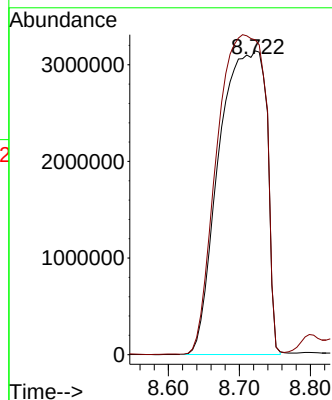
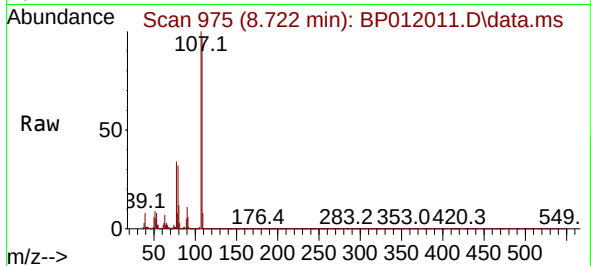
#18
4-Methylphenol
Concen: 911.452 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. 0.070 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Instrument :
BNA_P
ClientSampleId :
E10007DL

Tgt Ion:108 Resp:14595819
Ion Ratio Lower Upper
108 100
107 103.6 88.0 132.0

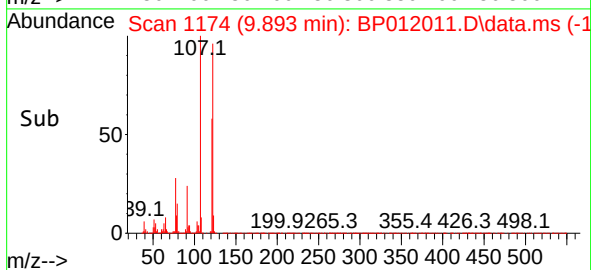
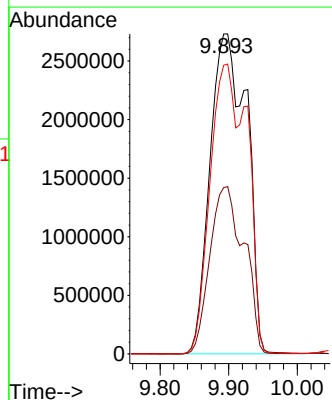
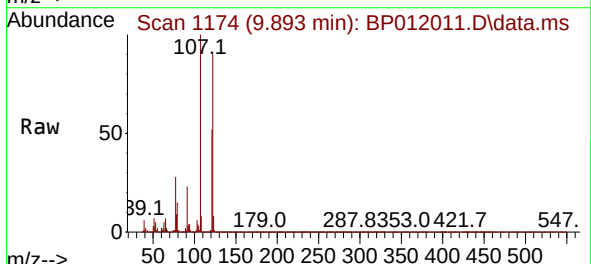
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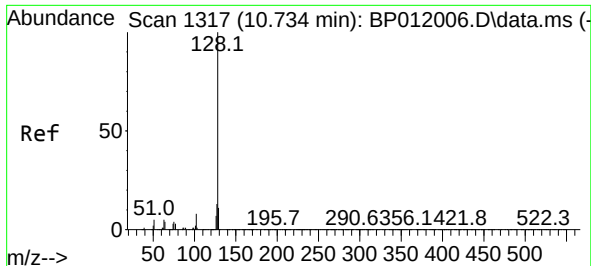
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/10/2022



#26
2,4-Dimethylphenol
Concen: 694.521 ng/ul m
RT: 9.893 min Scan# 1174
Delta R.T. 0.035 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

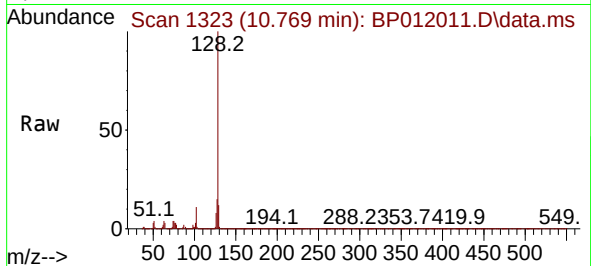
Tgt Ion:107 Resp:10175794
Ion Ratio Lower Upper
107 100
121 52.0 43.0 64.6
122 90.2 74.9 112.3





#30
Naphthalene
Concen: 489.744 ng/ul
RT: 10.769 min Scan# 1317
Delta R.T. 0.035 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

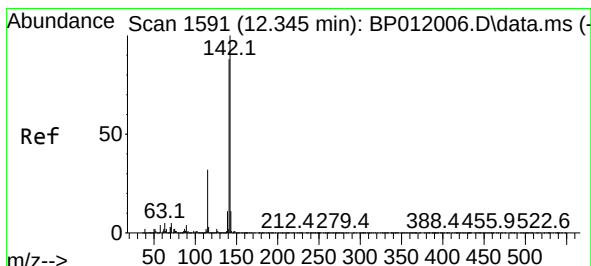
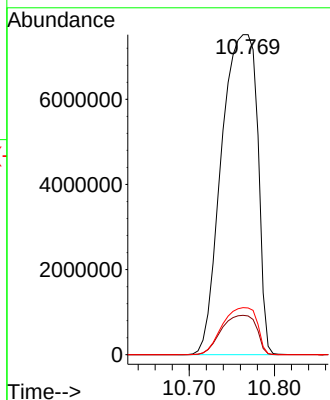
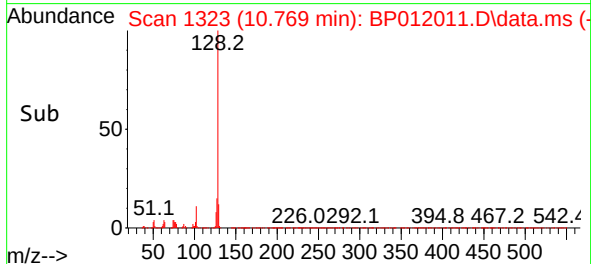
Instrument :
BNA_P
ClientSampleId :
E10007DL



Tgt Ion:128 Resp:2204261
Ion Ratio Lower Upper
128 100
129 12.1 8.9 13.3
127 14.6 10.5 15.7

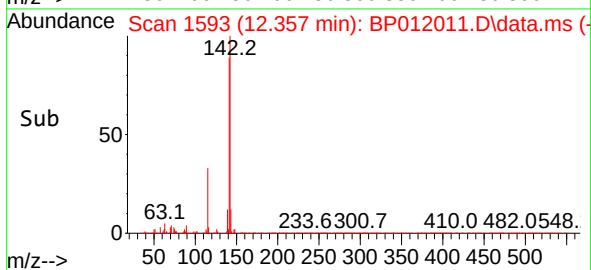
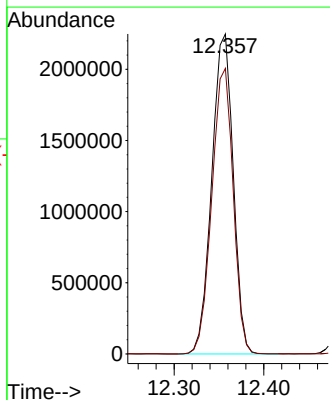
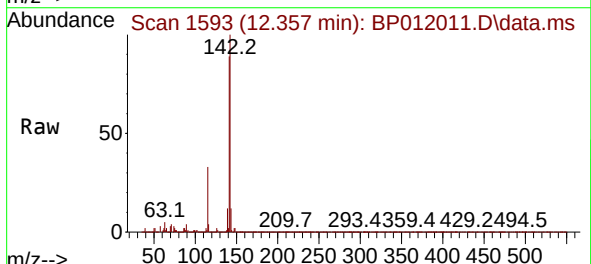
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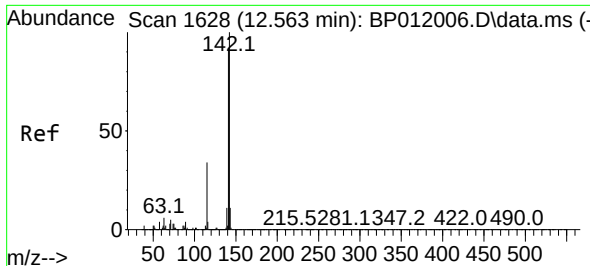
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/10/2022



#36
2-Methylnaphthalene
Concen: 118.598 ng/ul
RT: 12.357 min Scan# 1593
Delta R.T. 0.012 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

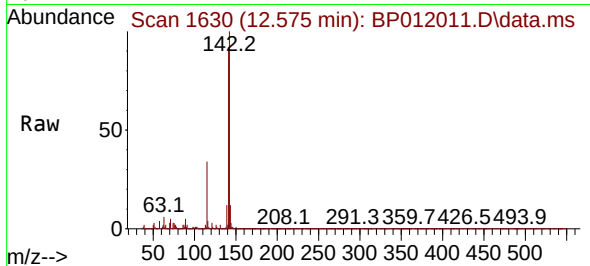
Tgt Ion:142 Resp: 3727757
Ion Ratio Lower Upper
142 100
141 89.3 70.6 106.0





#37
1-Methylnaphthalene
Concen: 78.545 ng/ul
RT: 12.575 min Scan# 1630
Delta R.T. 0.012 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

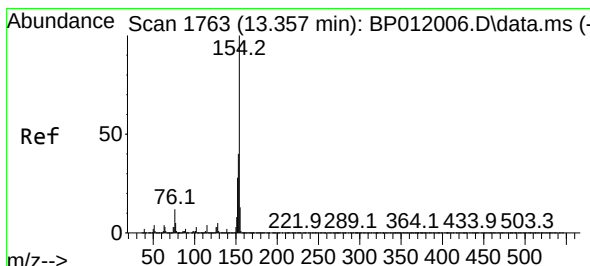
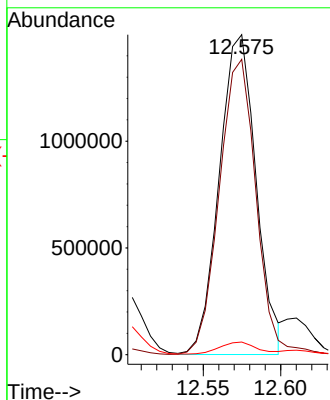
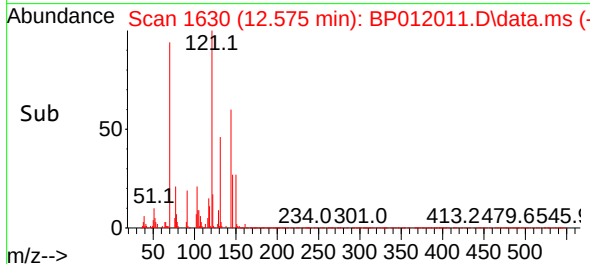
Instrument :
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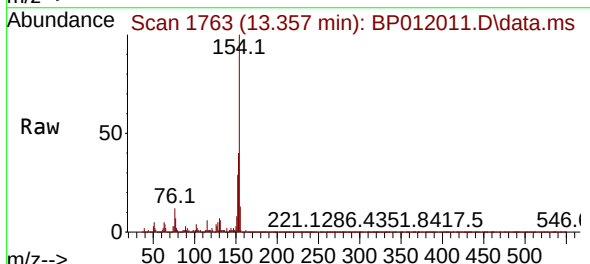
Tgt Ion:142 Resp: 247728
Ion Ratio Lower Upper
142 100
141 92.3 74.8 112.2
116 3.9 2.9 4.3

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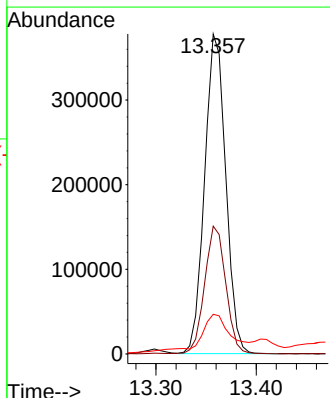
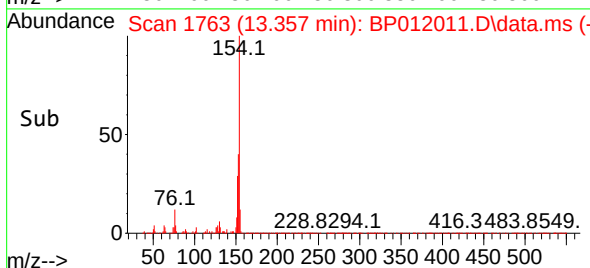
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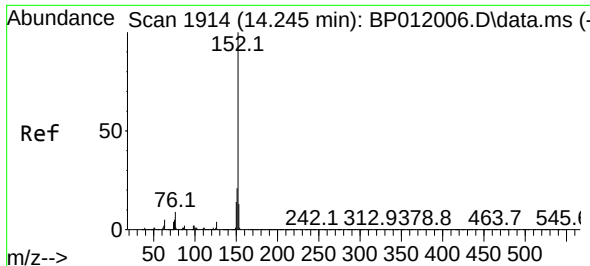


#43
1,1'-Biphenyl
Concen: 13.943 ng/ul
RT: 13.357 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BP012011.D
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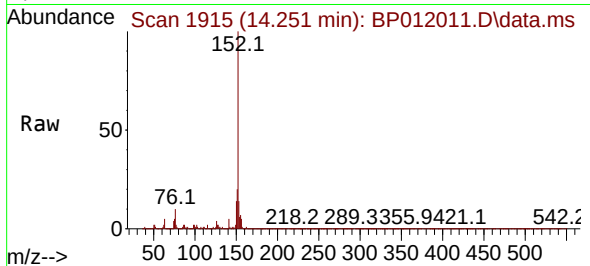
Tgt Ion:154 Resp: 552906
Ion Ratio Lower Upper
154 100
153 40.0 31.8 47.6
76 12.4 9.5 14.3





#50
Acenaphthylene
Concen: 46.036 ng/ul
RT: 14.251 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

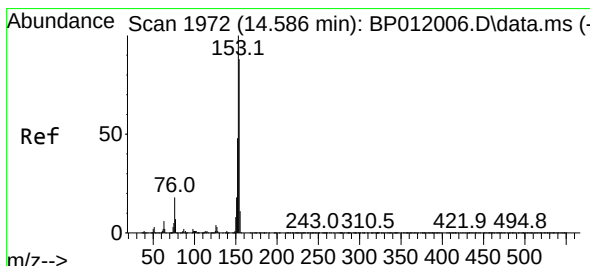
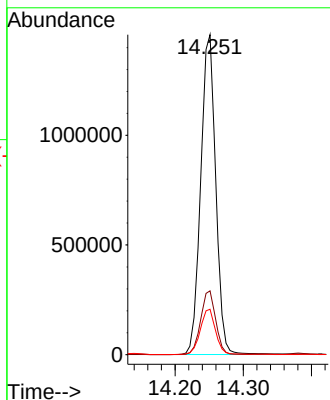
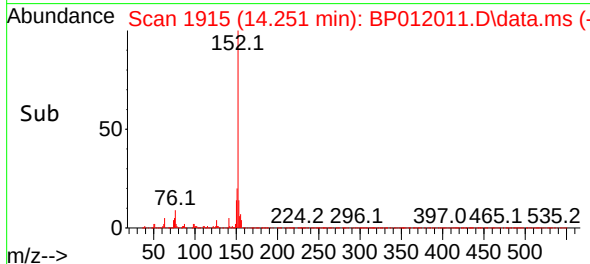
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Tgt Ion:152 Resp: 223462
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 14.2 10.8 16.2

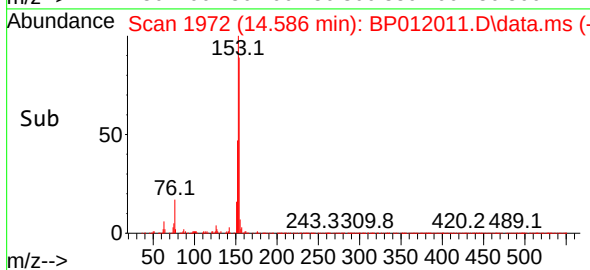
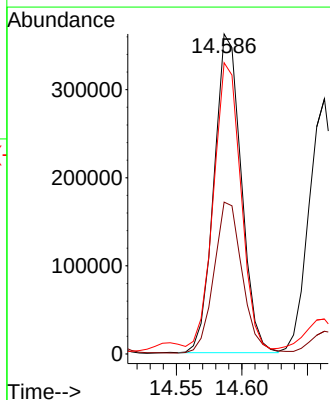
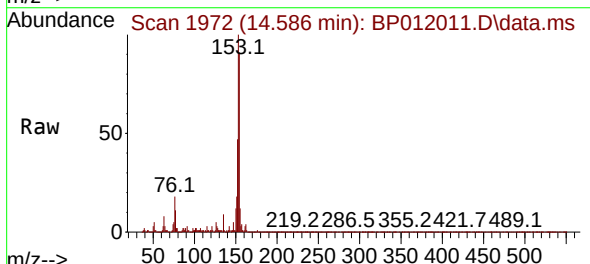
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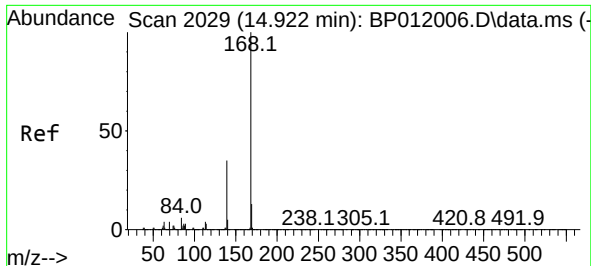
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/10/2022



#52
Acenaphthene
Concen: 15.251 ng/ul
RT: 14.586 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

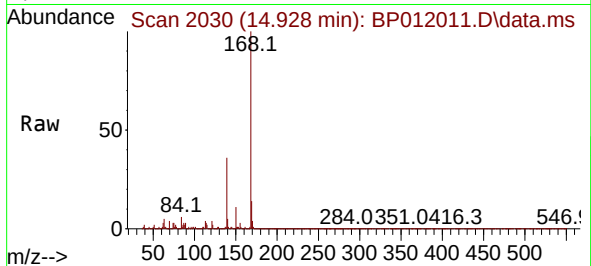
Tgt Ion:153 Resp: 522283
Ion Ratio Lower Upper
153 100
152 47.4 38.4 57.6
154 91.0 70.6 105.8





#56
Dibenzenofuran
Concen: 33.375 ng/ul
RT: 14.928 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

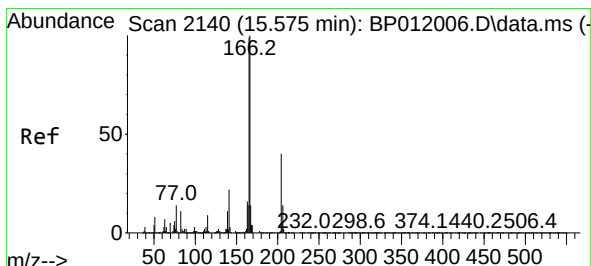
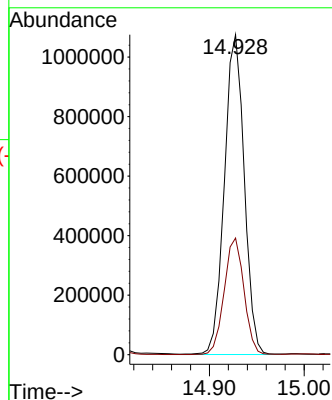
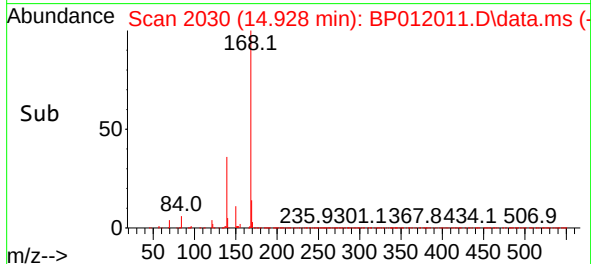
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Tgt Ion:168 Resp: 1565492
Ion Ratio Lower Upper
168 100
139 36.5 29.4 44.2

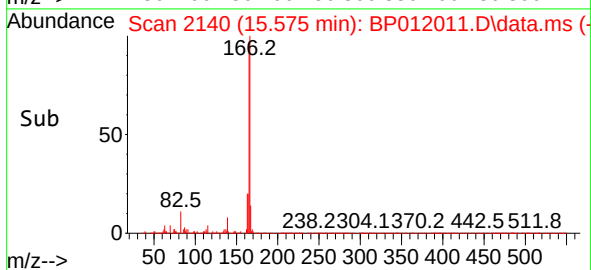
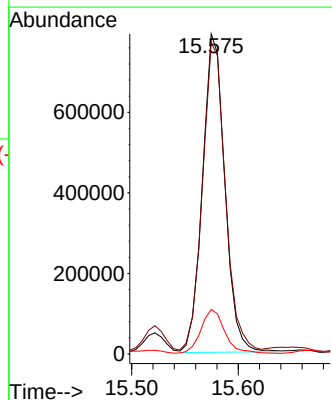
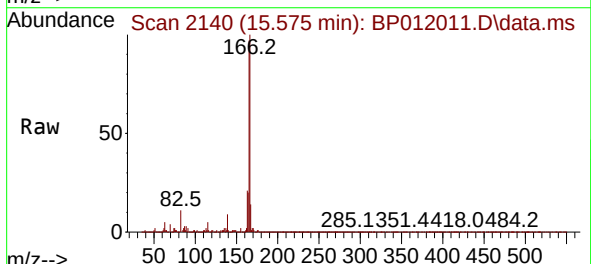
Manual Integrations
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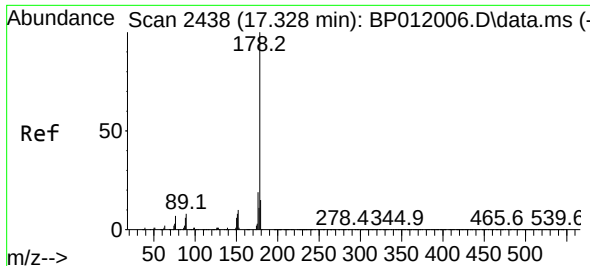
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/10/2022



#61
Fluorene
Concen: 29.994 ng/ul
RT: 15.575 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

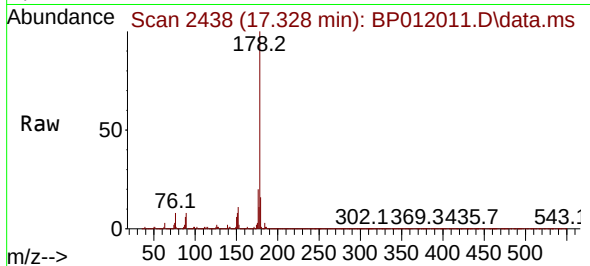
Tgt Ion:166 Resp: 1152303
Ion Ratio Lower Upper
166 100
165 97.3 77.2 115.8
167 13.9 10.7 16.1





#72
Phenanthrene
Concen: 66.036 ng/u1
RT: 17.328 min Scan# 2438
Delta R.T. 0.006 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

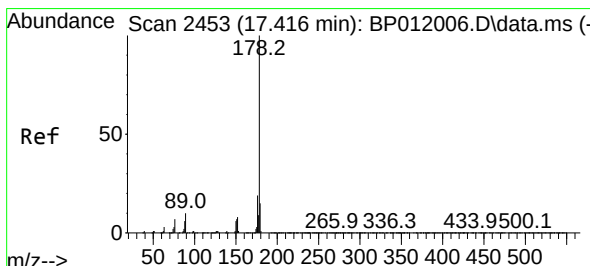
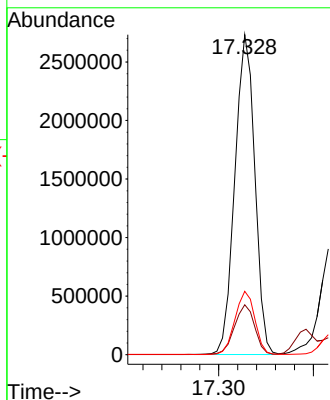
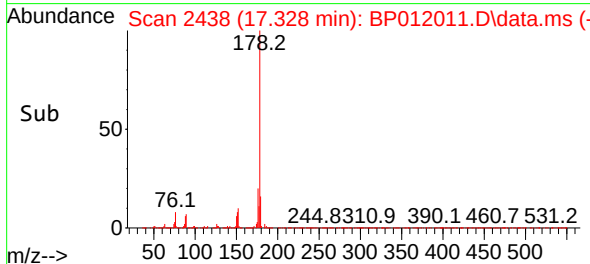
Instrument :
BNA_P
ClientSampleId :
E10007DL



Tgt Ion:178 Resp: 399586
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.8 15.4 23.2

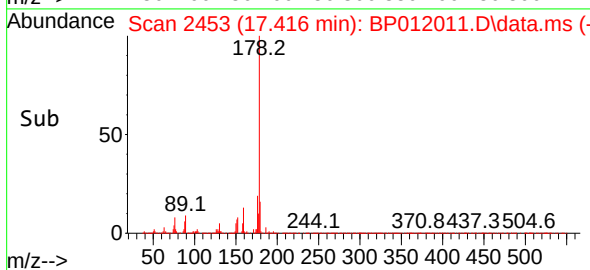
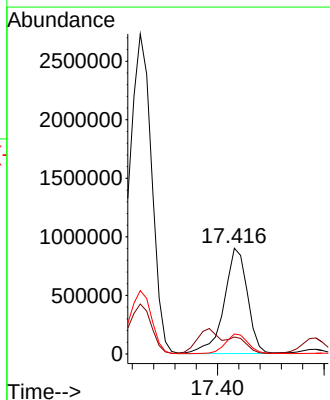
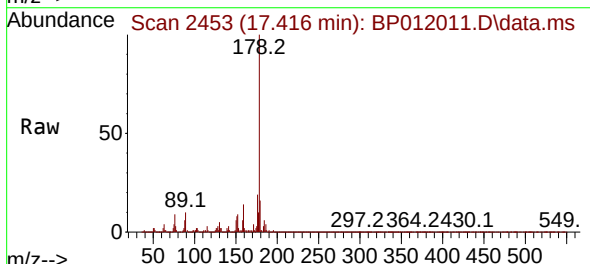
Manual Integrations
APPROVED

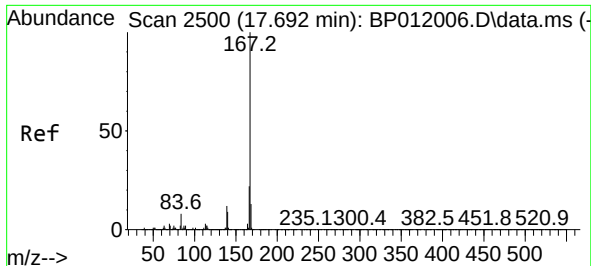
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/10/2022



#74
Anthracene
Concen: 22.573 ng/u1
RT: 17.416 min Scan# 2453
Delta R.T. 0.006 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

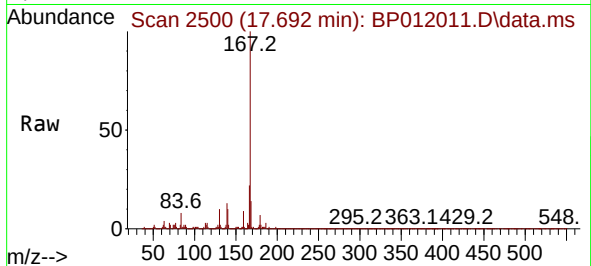
Tgt Ion:178 Resp: 1374267
Ion Ratio Lower Upper
178 100
179 16.1 12.3 18.5
176 18.9 15.4 23.2





#77
 Carbazole
 Concen: 29.798 ng/ul
 RT: 17.692 min Scan# 2500
 Delta R.T. 0.006 min
 Lab File: BP012011.D
 Acq: 07 Oct 2022 16:43

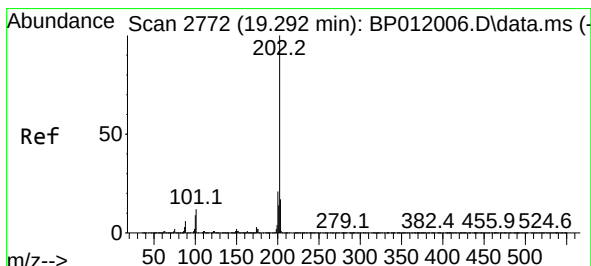
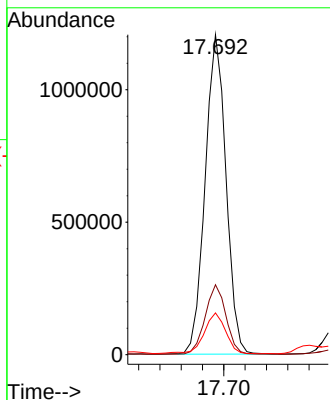
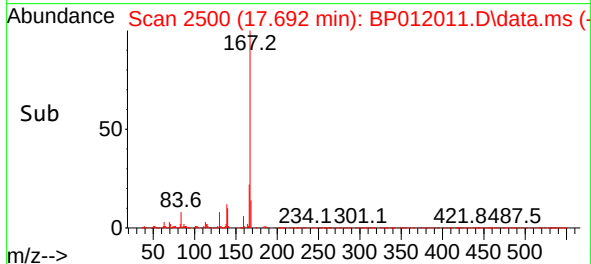
Instrument :
 BNA_P
 ClientSampleId :
 E10007DL



Tgt Ion:167 Resp: 1639109
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.1 25.7
 139 13.0 10.1 15.1

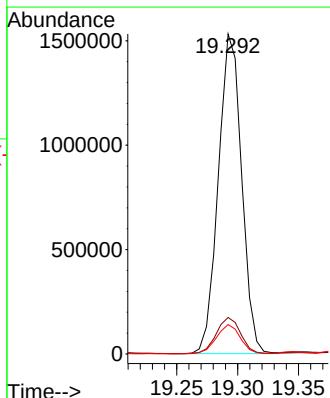
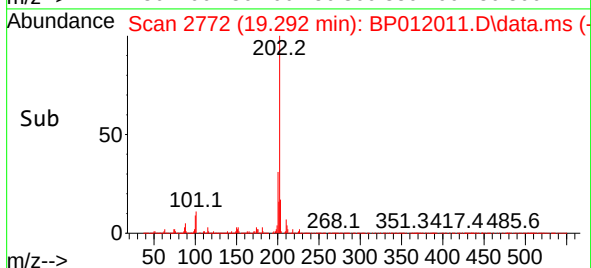
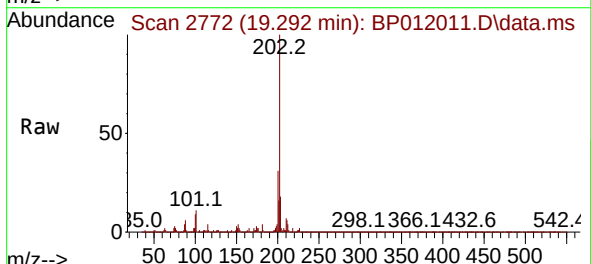
Manual Integrations
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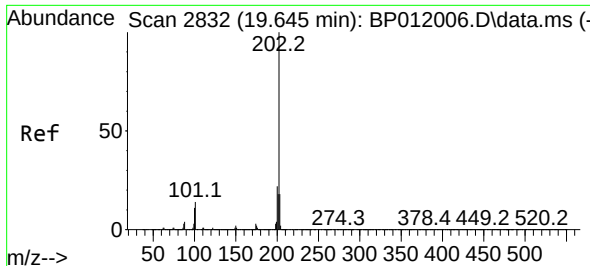
Reviewed By :Jagrut Upadhyay 10/10/2022
 Supervised By :mohammad ahmed 10/10/2022



#80
 Fluoranthene
 Concen: 28.053 ng/ul
 RT: 19.292 min Scan# 2772
 Delta R.T. 0.006 min
 Lab File: BP012011.D
 Acq: 07 Oct 2022 16:43

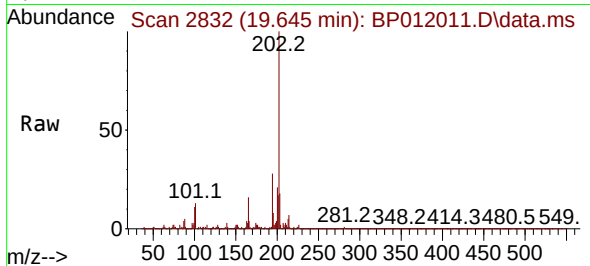
Tgt Ion:202 Resp: 2042475
 Ion Ratio Lower Upper
 202 100
 101 11.4 9.8 14.6
 100 9.2 7.4 11.0





#82
Pyrene
Concen: 21.659 ng/u1
RT: 19.645 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

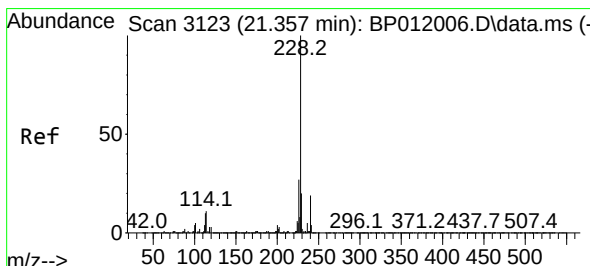
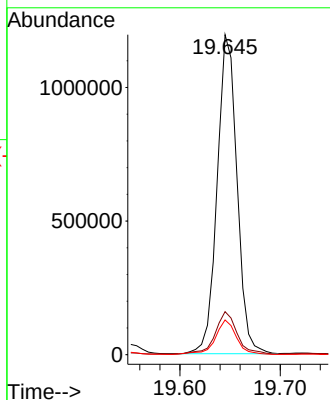
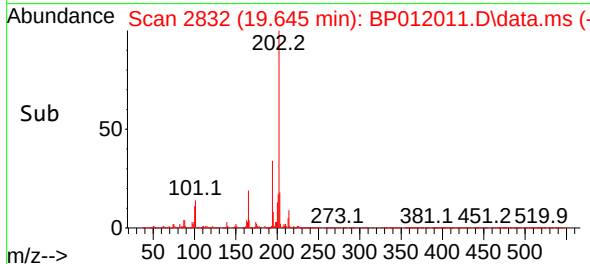
Instrument :
BNA_P
ClientSampleId :
E10007DL



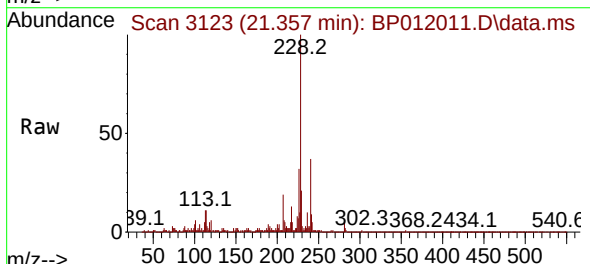
Tgt Ion:202 Resp: 1641839
Ion Ratio Lower Upper
202 100
101 13.4 11.6 17.4
100 10.8 9.4 14.0

Manual Integrations
APPROVED

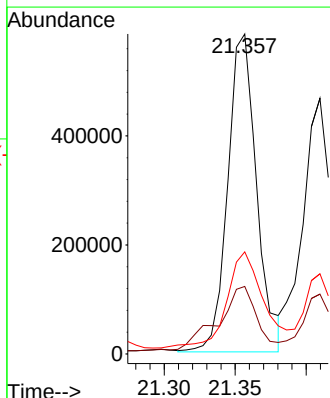
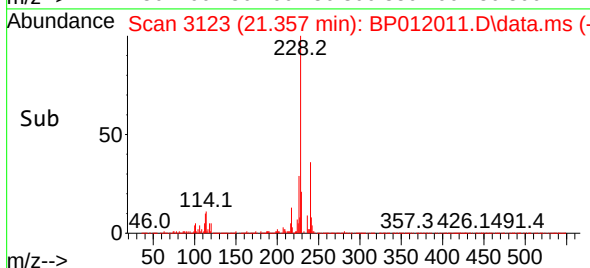
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/10/2022

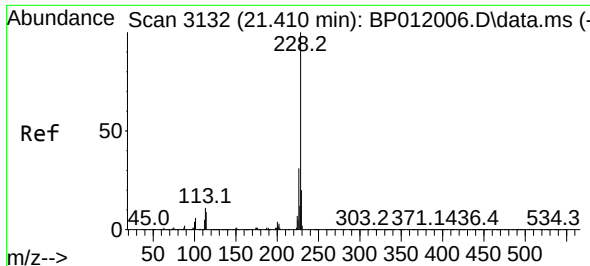


#85
Benzo(a)anthracene
Concen: 10.764 ng/u1
RT: 21.357 min Scan# 3123
Delta R.T. 0.006 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43



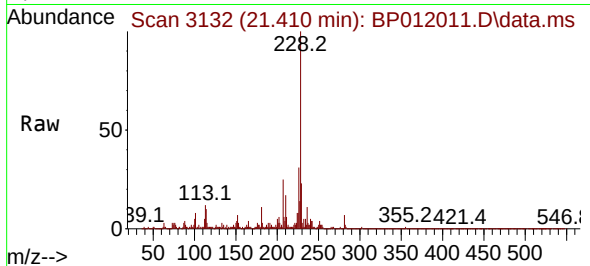
Tgt Ion:228 Resp: 826892
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.6
226 31.9 22.0 33.0





#87
Chrysene
Concen: 8.952 ng/u1
RT: 21.410 min Scan# 3132
Delta R.T. 0.006 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

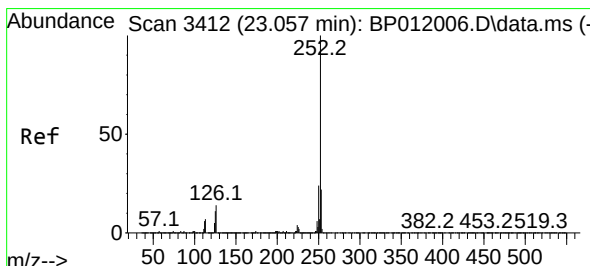
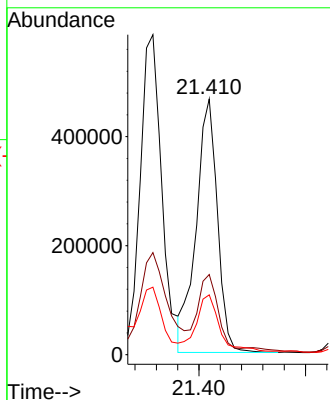
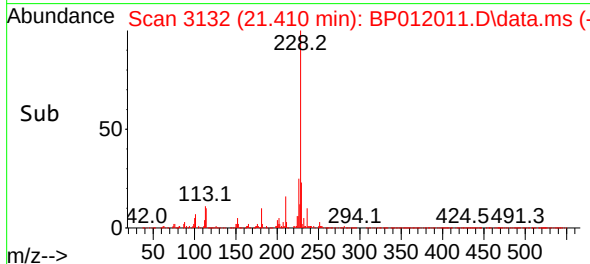
Instrument :
BNA_P
ClientSampleId :
E10007DL



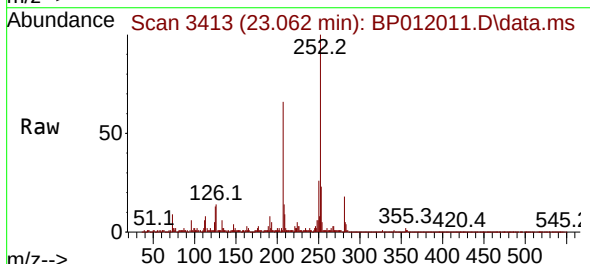
Tgt Ion:228 Resp: 645370
Ion Ratio Lower Upper
228 100
226 31.3 25.3 37.9
229 23.4 16.2 24.2

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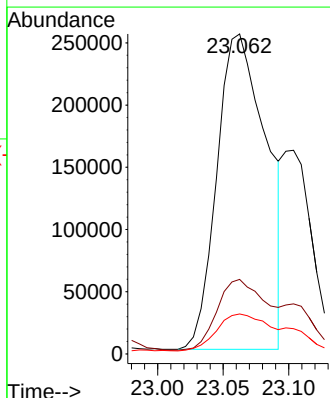
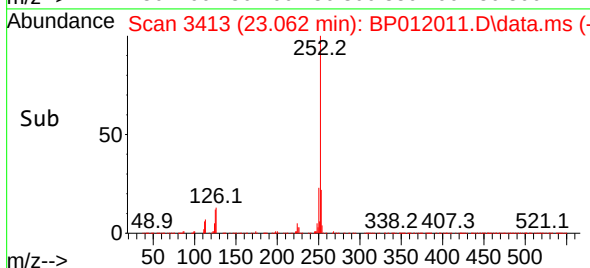
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/10/2022

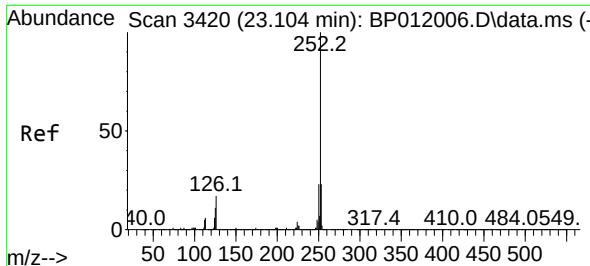


#90
Benzo(b)fluoranthene
Concen: 8.706 ng/u1
RT: 23.062 min Scan# 3413
Delta R.T. 0.012 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43



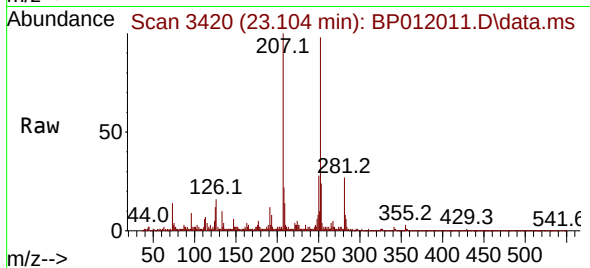
Tgt Ion:252 Resp: 667106
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 12.5 9.2 13.8





#91
Benzo(k)fluoranthene
Concen: 3.283 ng/ul m
RT: 23.104 min Scan# 3420
Delta R.T. 0.006 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

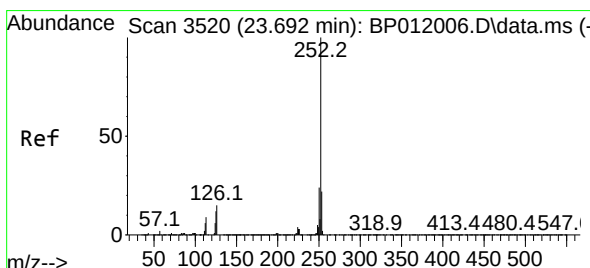
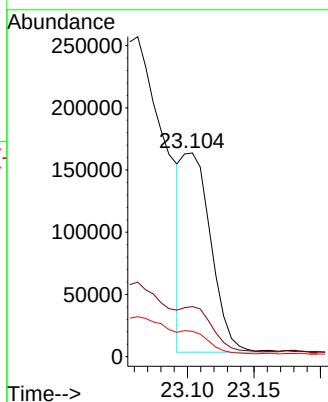
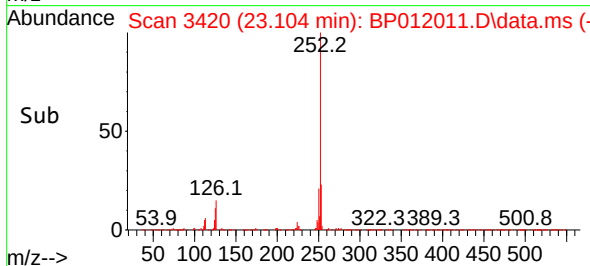
Instrument :
BNA_P
ClientSampleId :
E10007DL



Tgt Ion:252 Resp: 24223
Ion Ratio Lower Upper
252 100
253 24.6 18.0 27.0
125 12.4 9.2 13.8

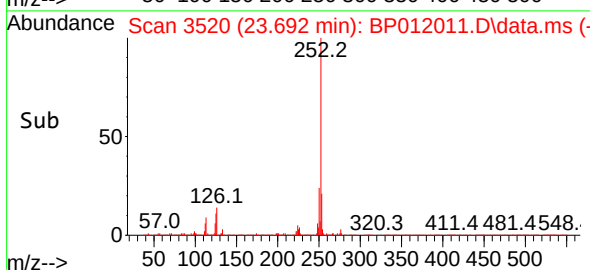
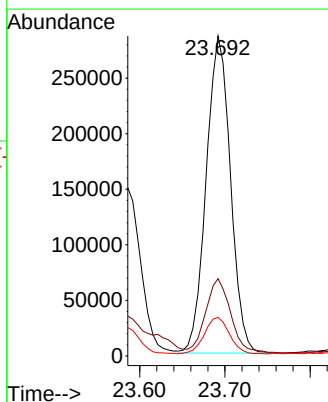
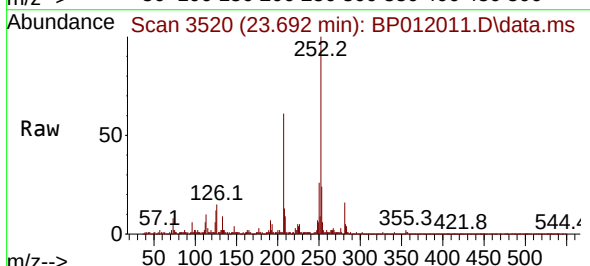
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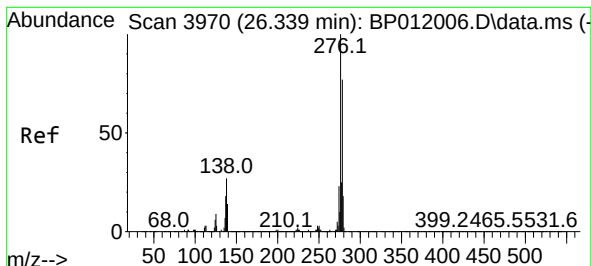
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/10/2022



#93
Benzo(a)pyrene
Concen: 8.262 ng/ul
RT: 23.692 min Scan# 3520
Delta R.T. 0.006 min
Lab File: BP012011.D
Acq: 07 Oct 2022 16:43

Tgt Ion:252 Resp: 564944
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 12.0 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.237 ng/ul

RT: 26.327 min Scan# 3968

Delta R.T. 0.006 min

Lab File: BP012011.D

Acq: 07 Oct 2022 16:43

Instrument :

BNA_P

ClientSampleId :

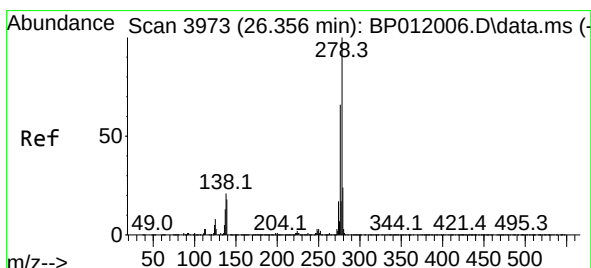
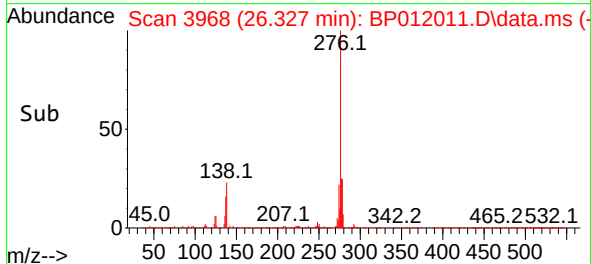
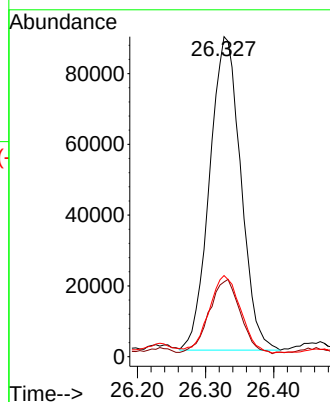
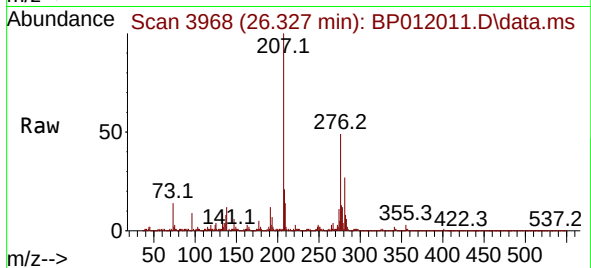
E10007DL

Tgt Ion:	276	Resp:	28173
Ion Ratio	Lower	Upper	
276	100		
138	23.4	21.4	32.0
277	25.4	19.9	29.9

Manual Integrations

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



#95

Dibenzo(a,h)anthracene

Concen: 1.069 ng/ul

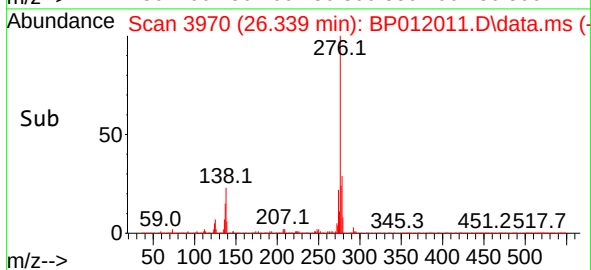
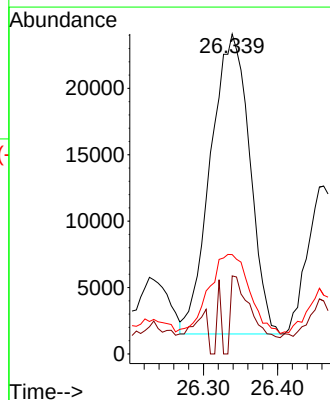
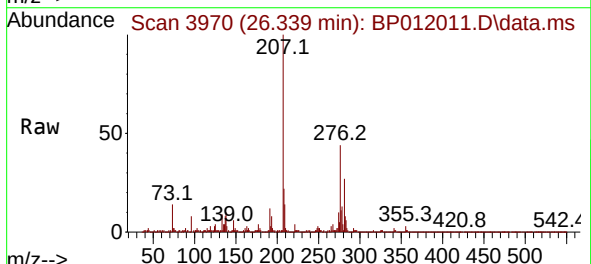
RT: 26.339 min Scan# 3970

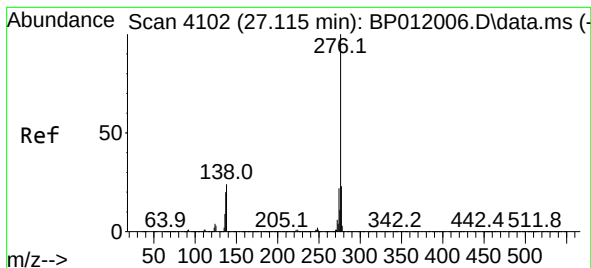
Delta R.T. -0.000 min

Lab File: BP012011.D

Acq: 07 Oct 2022 16:43

Tgt Ion:	278	Resp:	82630
Ion Ratio	Lower	Upper	
278	100		
139	24.4	15.0	22.6#
279	31.1	19.0	28.6#





#96

Benzo(g,h,i)perylene

Concen: 2.822 ng/ul

RT: 27.115 min Scan# 41

Delta R.T. 0.017 min

Lab File: BP012011.D

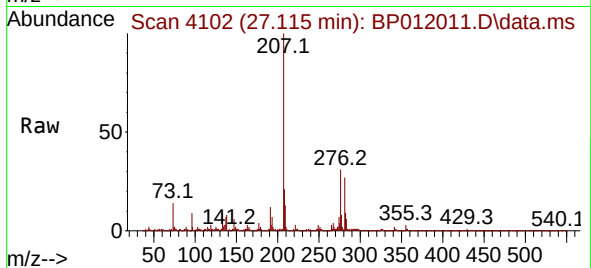
Acq: 07 Oct 2022 16:43

Instrument :

BNA_P

ClientSampleId :

E10007DL



Tgt Ion:276 Resp: 217778

Ion Ratio Lower Upper

276 100

138 24.8 19.8 29.6

277 26.7 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/10/2022

Supervised By :mohammad ahmed 10/10/2022

