

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
 Data File : BP021385.D
 Acq On : 06 Aug 2024 00:49
 Operator : CG/JU
 Sample : P3329-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E03

Quant Time: Aug 06 01:33:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	246281	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.381	136	965962m	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.257	164	540874	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.086	188	839782	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	882933	20.000	ng/ul	0.00
88) Perylene-d12	24.827	264	1157307	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	17843	3.297	ng/uL	-0.01
4) Pyridine-d5	3.581	84	266695	17.021	ng/ul	-0.01
7) Phenol-d5	6.846	99	428750	21.354	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	249800	20.529	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.169	132	356371	21.542	ng/ul	-0.01
15) 4-Methylphenol-d8	8.352	113	357440	21.434	ng/ul	-0.01
21) Nitrobenzene-d5	8.775	128	175006	23.326	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.487	143	193769	22.565	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.057	165	338813	21.820	ng/ul	0.00
31) 4-Chloroaniline-d4	10.540	131	515621	25.066	ng/ul	-0.02
46) Dimethylphthalate-d6	13.663	166	866353	22.034	ng/ul	-0.02
49) Acenaphthylene-d8	13.940	160	1014529	22.979	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.622	143	103839m	18.562	ng/ul	0.04
60) Fluorene-d10	15.275	176	703934	21.823	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.504	200	44251m	8.709	ng/ul	0.04
73) Anthracene-d10	17.186	188	885597	23.743	ng/ul	0.00
81) Pyrene-d10	19.569	212	1066990	19.547	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.604	264	1458530	25.553	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.875	94	44090	2.170	ng/ul#	88
13) 2-Methylphenol	8.093	108	34827	2.216	ng/ul	98
18) 4-Methylphenol	8.422	108	90883	5.399	ng/ul	94
26) 2,4-Dimethylphenol	9.593	107	194636m	11.021	ng/ul	
30) Naphthalene	10.434	128	42337704m	833.250	ng/ul	
36) 2-Methylnaphthalene	12.063	142	14537791	416.817	ng/ul	99
37) 1-Methylnaphthalene	12.281	142	7264006	202.501	ng/ul	99
43) 1,1'-Biphenyl	13.075	154	4190341	106.010	ng/ul	99
50) Acenaphthylene	13.975	152	769053	15.385	ng/ul#	93
52) Acenaphthene	14.334	153	9470106	285.437	ng/ul	99
56) Dibenzofuran	14.669	168	11255451	247.736	ng/ul	99
61) Fluorene	15.345	166	10272701	277.080	ng/ul	100
72) Phenanthrene	17.133	178	22593591m	518.623	ng/ul	
74) Anthracene	17.228	178	13904009	313.066	ng/ul	98
77) Carbazole	17.528	167	7567220	208.430	ng/ul	98
80) Fluoranthene	19.227	202	18519931	280.940	ng/ul	100
82) Pyrene	19.610	202	14324270	213.537	ng/ul	97
85) Benzo(a)anthracene	21.516	228	5911562	95.579	ng/ul	97
87) Chrysene	21.580	228	4762619m	82.869	ng/ul	
90) Benzo(b)fluoranthene	23.792	252	3534462	50.326	ng/ul	99
91) Benzo(k)fluoranthene	23.851	252	1443819m	20.600	ng/ul	
93) Benzo(a)pyrene	24.668	252	2238331	33.727	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.592	276	769527	8.998	ng/ul	99
95) Dibenzo(a,h)anthracene	28.627	278	232854m	3.288	ng/ul	

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) Benzo(g,h,i)perylene	29.745	276	564174	8.100	ng/ul	95

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

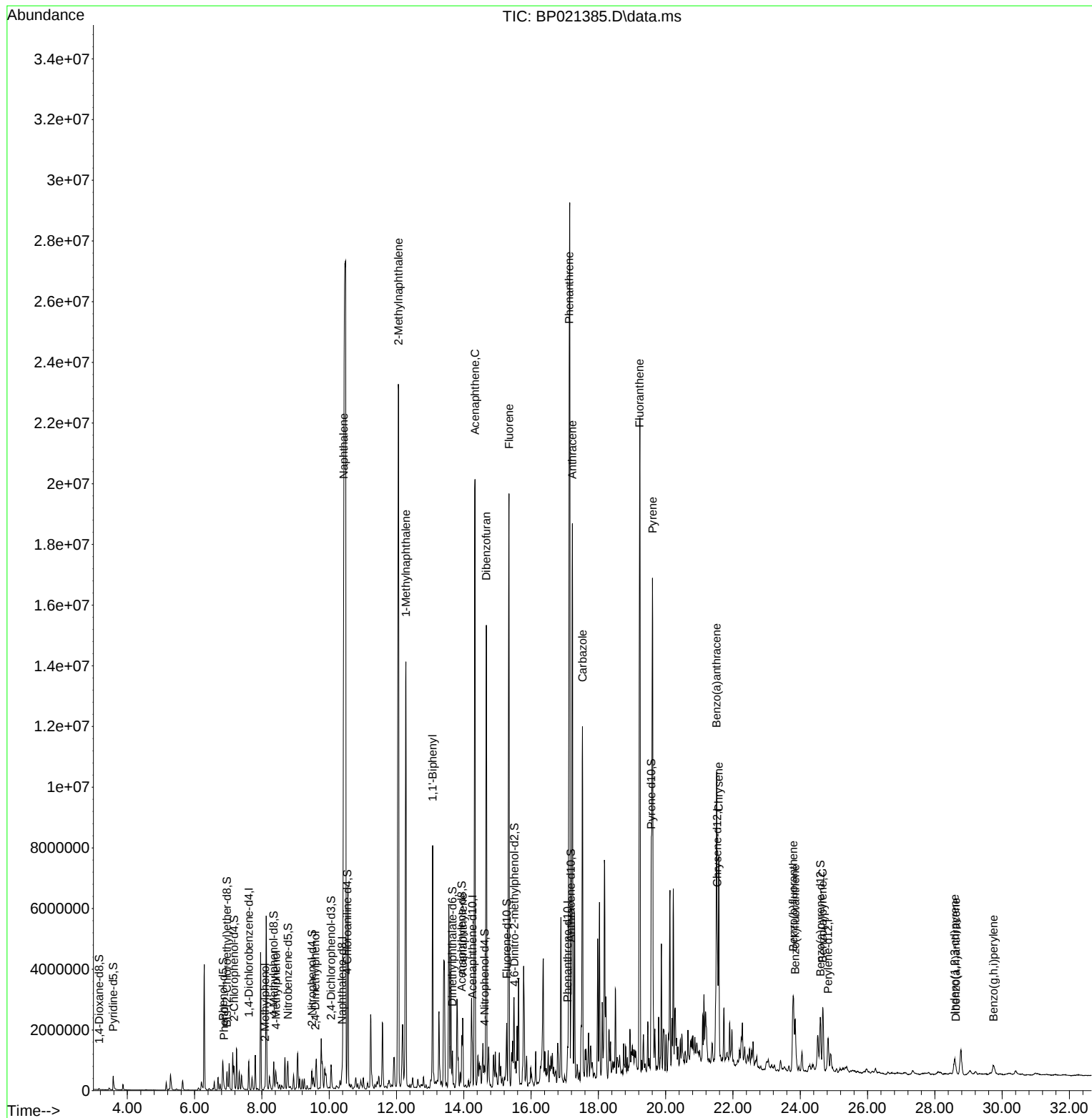
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Data File : BP021385.D
Acq On : 06 Aug 2024 00:49
Operator : CG/JU
Sample : P3329-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

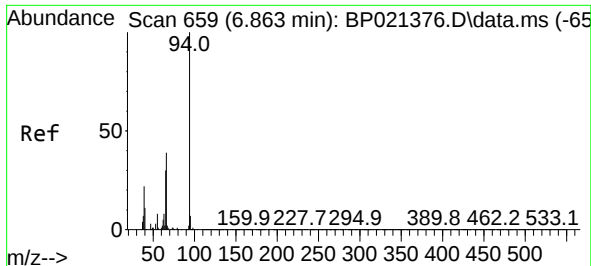
Instrument :
BNA_P
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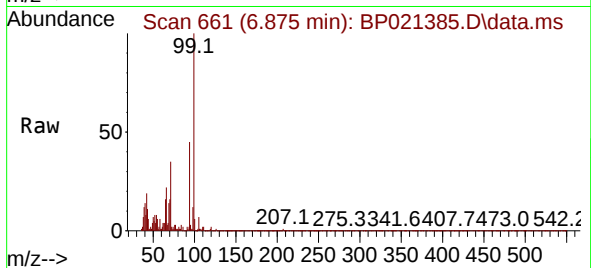
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
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#8
Phenol
Concen: 2.170 ng/ul
RT: 6.875 min Scan# 609
Delta R.T. 0.000 min
Lab File: BP021385.D
Acq: 06 Aug 2024 00:49

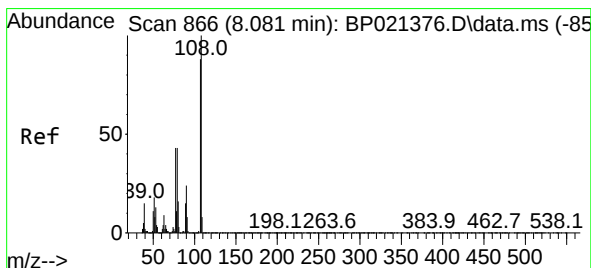
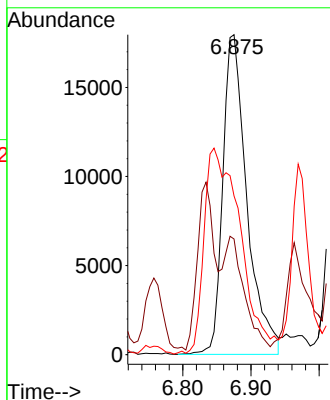
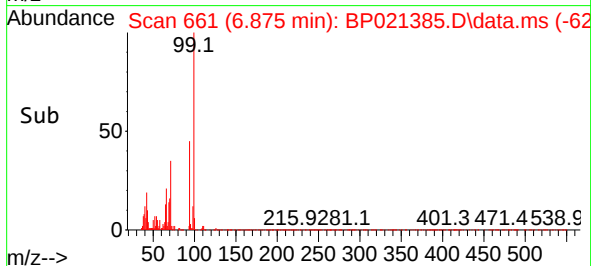
Instrument :
BNA_P
ClientSampleId :
F7E03



Tgt Ion: 94 Resp: 44090
Ion Ratio Lower Upper
94 100
65 36.2 23.4 35.0
66 49.6 33.9 50.9

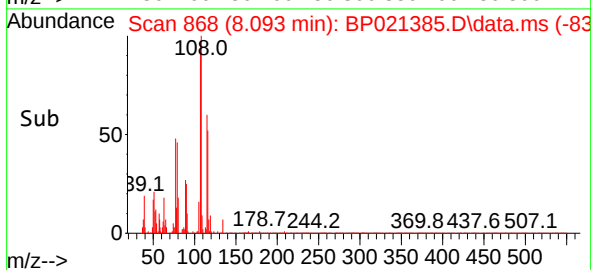
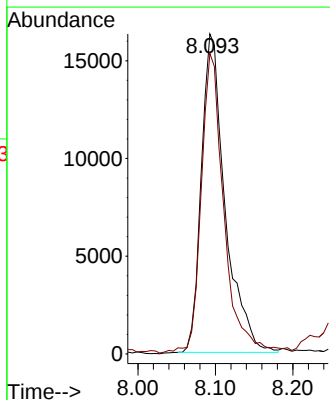
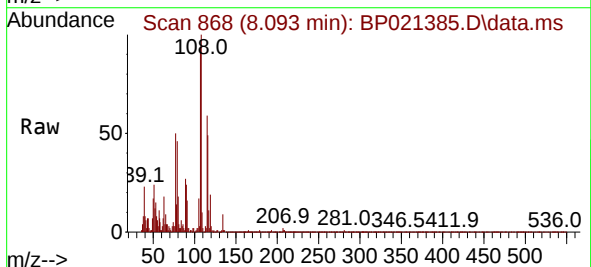
Manual Integrations
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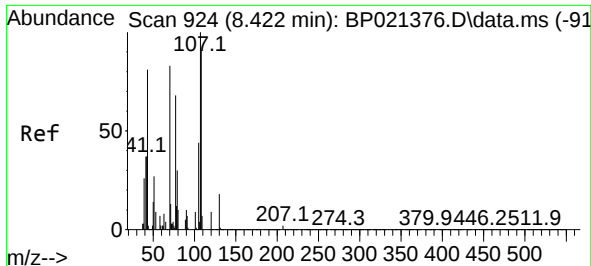
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#13
2-Methylphenol
Concen: 2.216 ng/ul
RT: 8.093 min Scan# 868
Delta R.T. -0.006 min
Lab File: BP021385.D
Acq: 06 Aug 2024 00:49

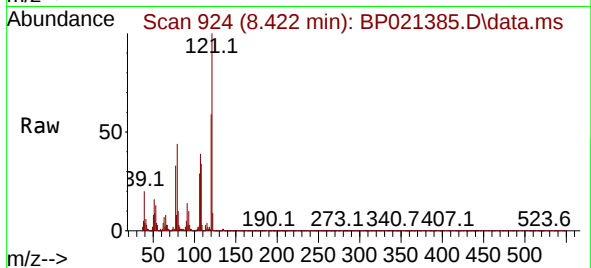
Tgt Ion:108 Resp: 34827
Ion Ratio Lower Upper
108 100
107 93.9 73.8 110.8





#18
4-Methylphenol
Concen: 5.399 ng/ul
RT: 8.422 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP021385.D
Acq: 06 Aug 2024 00:49

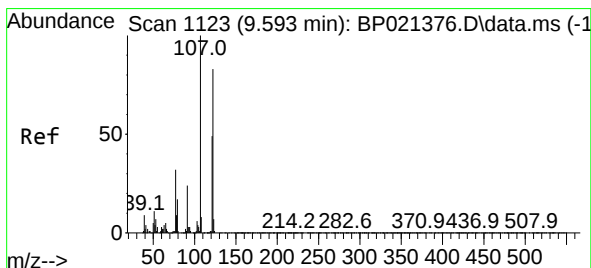
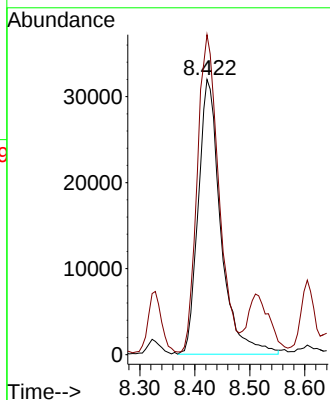
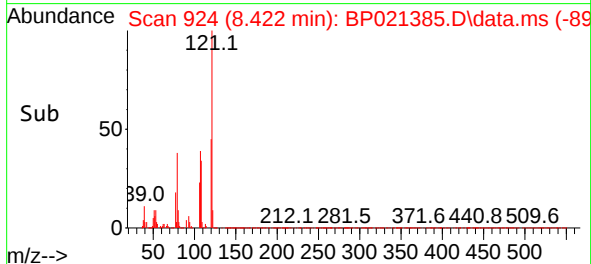
Instrument :
BNA_P
ClientSampleId :
F7E03



Tgt Ion:108 Resp: 9088
Ion Ratio Lower Upper
108 100
107 116.3 87.8 131.8

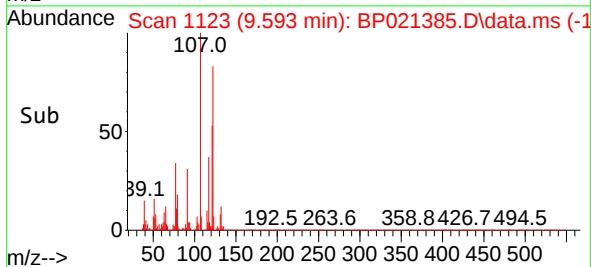
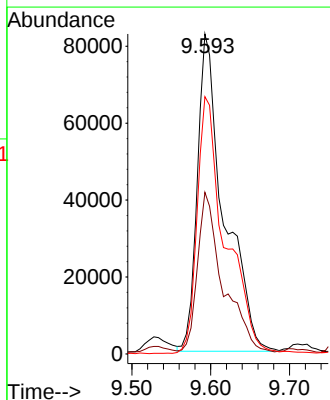
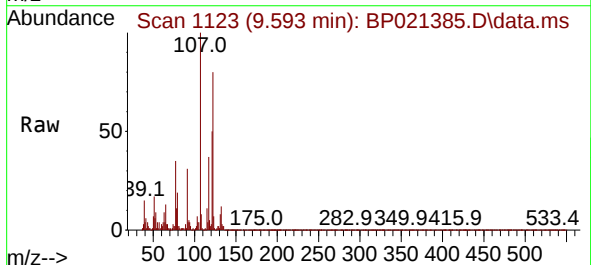
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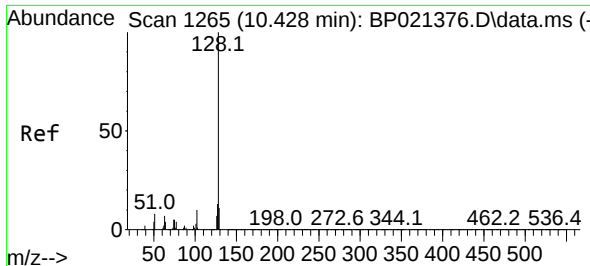
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#26
2,4-Dimethylphenol
Concen: 11.021 ng/ul m
RT: 9.593 min Scan# 1123
Delta R.T. -0.011 min
Lab File: BP021385.D
Acq: 06 Aug 2024 00:49

Tgt Ion:107 Resp: 194636
Ion Ratio Lower Upper
107 100
121 50.5 39.6 59.4
122 80.4 66.3 99.5





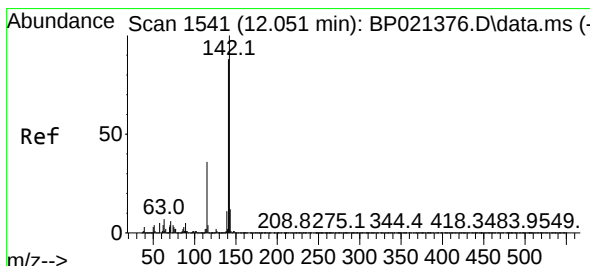
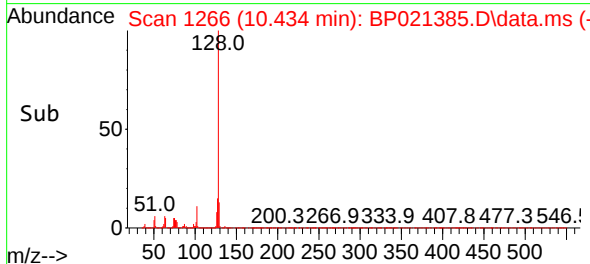
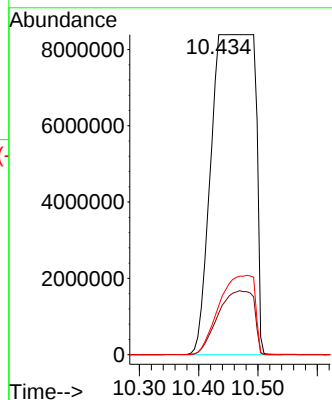
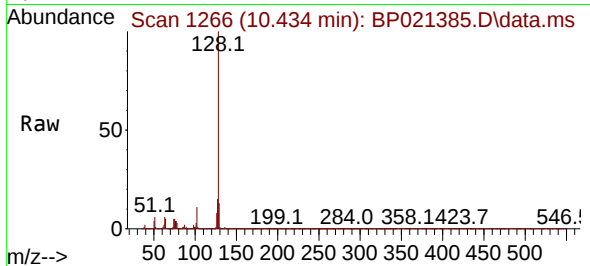
#30
Naphthalene
Concen: 833.250 ng/ul m
RT: 10.434 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BP021385.D
Acq: 06 Aug 2024 00:49

Instrument :
BNA_P
ClientSampleId :
F7E03

Tgt Ion:128 Resp:42337704
Ion Ratio Lower Upper
128 100
129 13.0 8.6 13.0
127 15.3 10.8 16.2

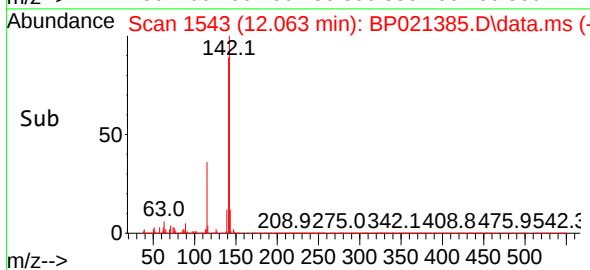
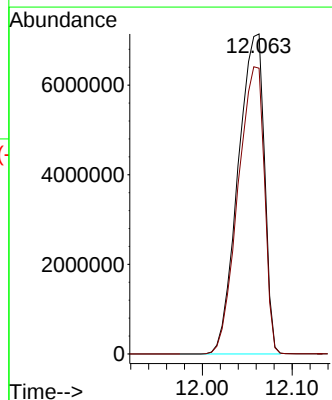
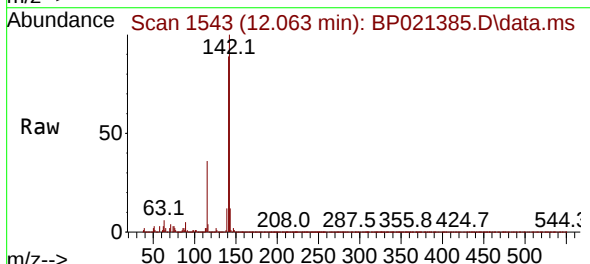
Manual Integrations
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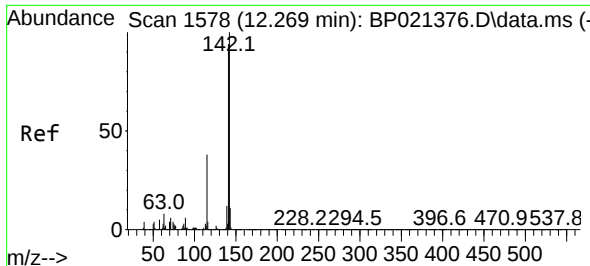
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#36
2-Methylnaphthalene
Concen: 416.817 ng/ul
RT: 12.063 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BP021385.D
Acq: 06 Aug 2024 00:49

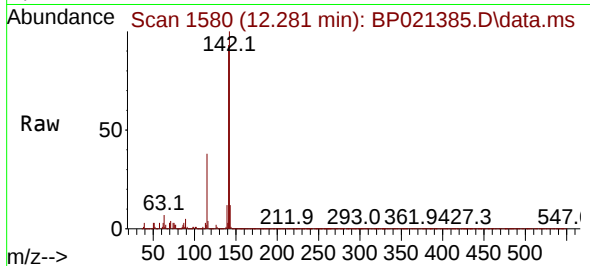
Tgt Ion:142 Resp:14537791
Ion Ratio Lower Upper
142 100
141 89.3 72.6 108.8





#37
1-Methylnaphthalene
Concen: 202.501 ng/ul
RT: 12.281 min Scan# 1578
Delta R.T. -0.011 min
Lab File: BP021385.D
Acq: 06 Aug 2024 00:49

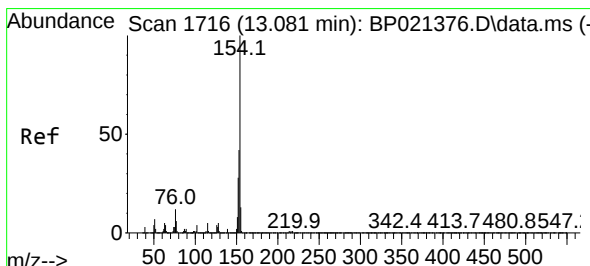
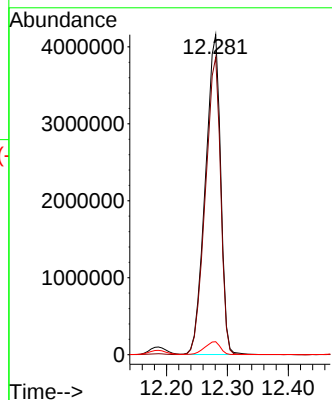
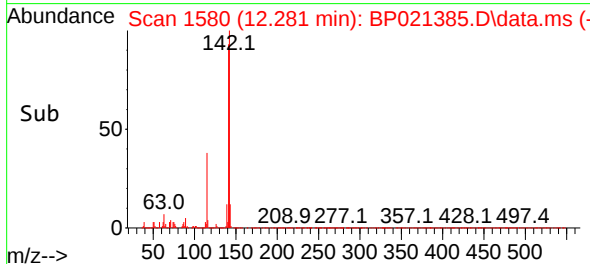
Instrument :
BNA_P
ClientSampleId :
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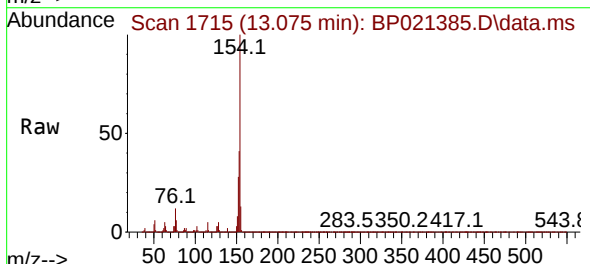
Tgt Ion:142 Resp: 7264000
Ion Ratio Lower Upper
142 100
141 92.9 75.0 112.6
116 4.0 3.2 4.8

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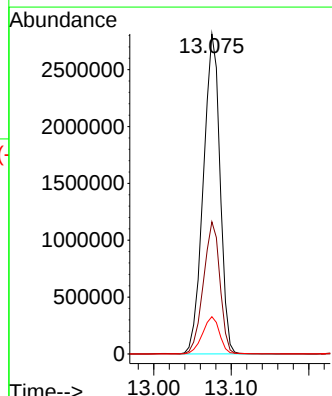
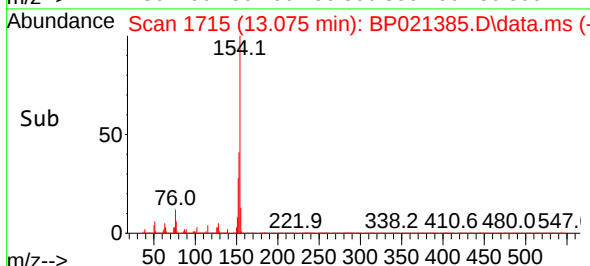
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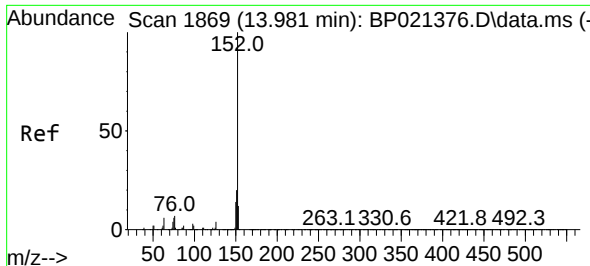


#43
1,1'-Biphenyl
Concen: 106.010 ng/ul
RT: 13.075 min Scan# 1715
Delta R.T. -0.011 min
Lab File: BP021385.D
Acq: 06 Aug 2024 00:49



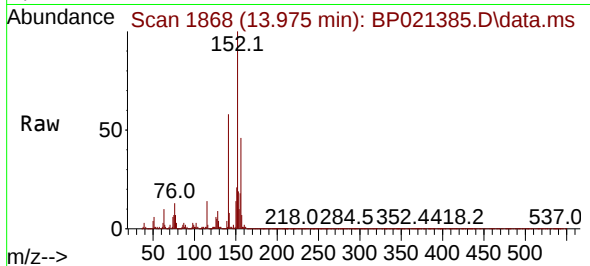
Tgt Ion:154 Resp: 4190341
Ion Ratio Lower Upper
154 100
153 41.3 32.7 49.1
76 11.6 9.4 14.2





#50
Acenaphthylene
Concen: 15.385 ng/ul
RT: 13.975 min Scan# 1868
Delta R.T. -0.017 min
Lab File: BP021385.D
Acq: 06 Aug 2024 00:49

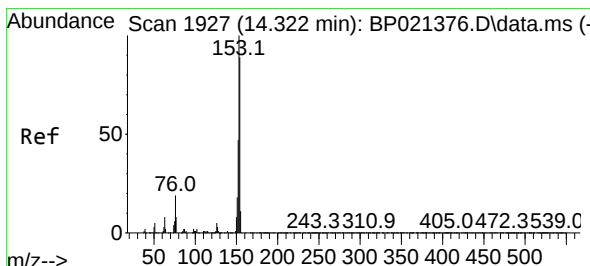
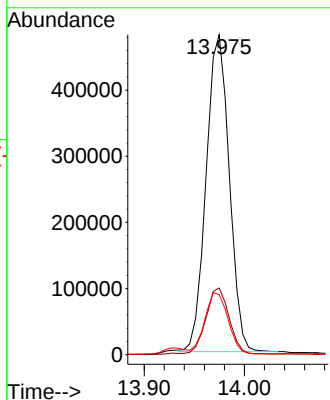
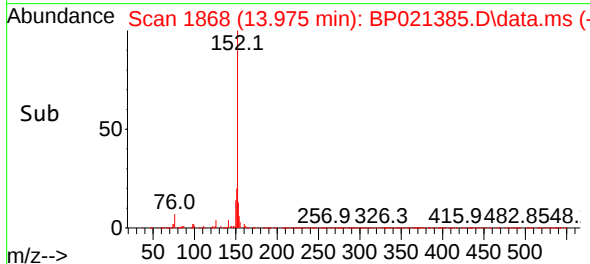
Instrument :
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Tgt Ion:152 Resp: 76905
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.2
153 18.7 10.3 15.5

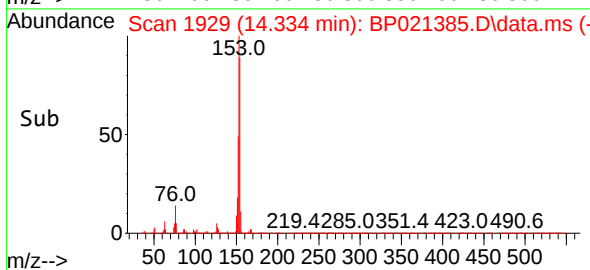
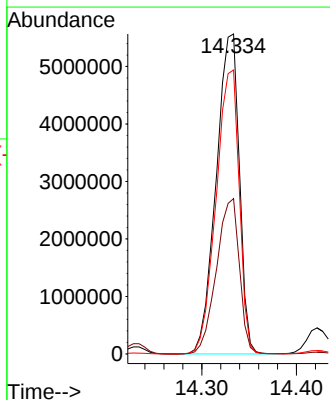
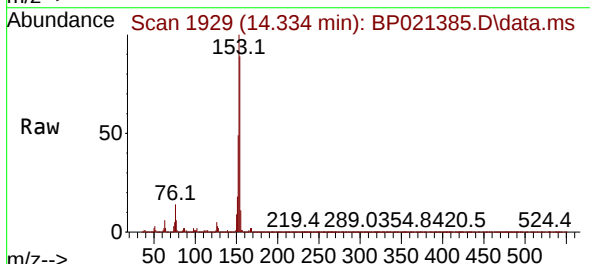
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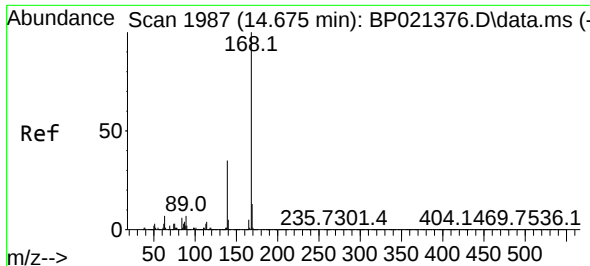
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#52
Acenaphthene
Concen: 285.437 ng/ul
RT: 14.334 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP021385.D
Acq: 06 Aug 2024 00:49

Tgt Ion:153 Resp: 9470106
Ion Ratio Lower Upper
153 100
152 48.6 37.8 56.6
154 88.8 71.8 107.6





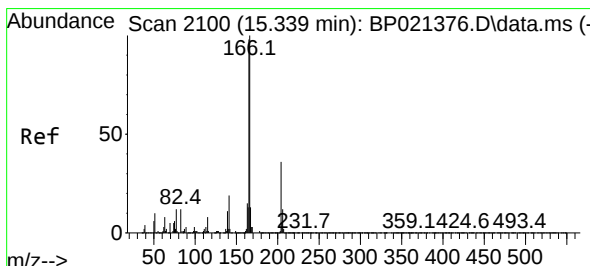
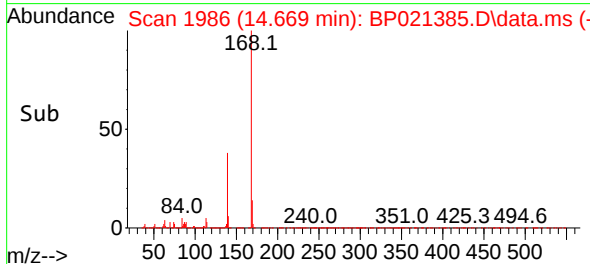
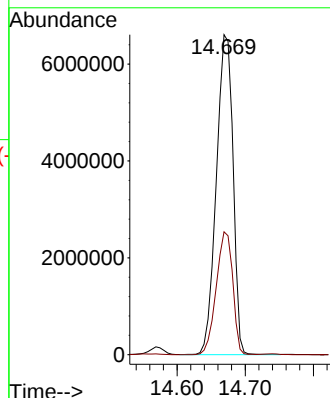
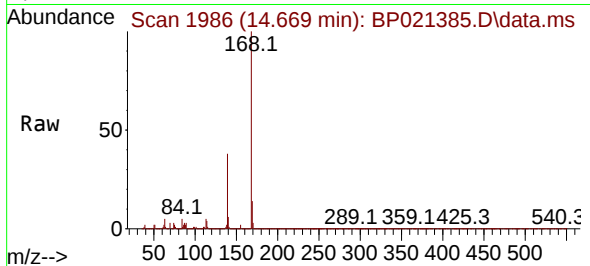
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Dibenzenofuran
Concen: 247.736 ng/ul
RT: 14.669 min Scan# 1987
Delta R.T. -0.017 min
Lab File: BP021385.D
Acq: 06 Aug 2024 00:49

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:168 Resp:1125545
Ion Ratio Lower Upper
168 100
139 38.4 31.1 46.7

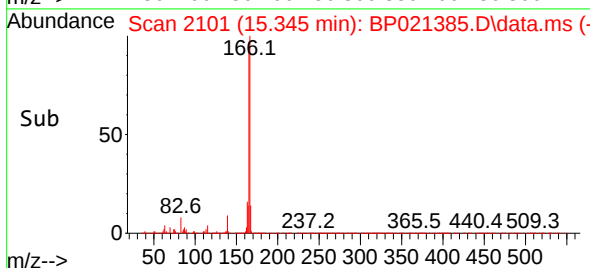
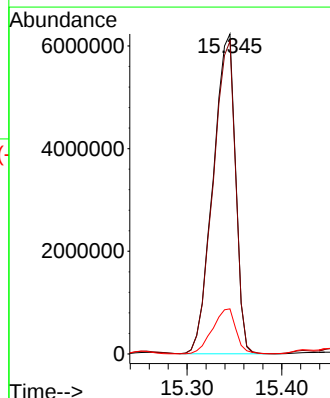
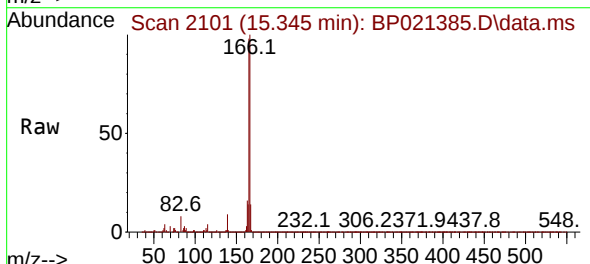
Manual Integrations
APPROVED

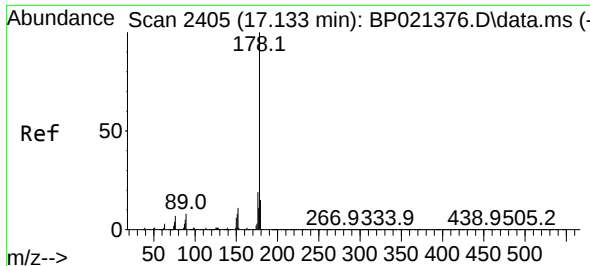
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#61
Fluorene
Concen: 277.080 ng/ul
RT: 15.345 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BP021385.D
Acq: 06 Aug 2024 00:49

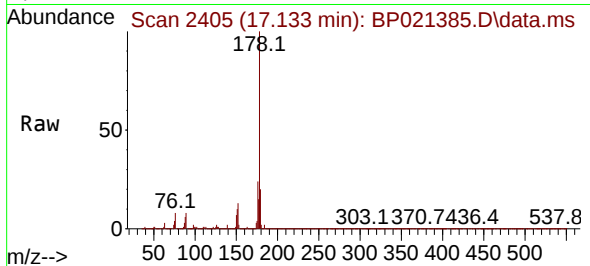
Tgt Ion:166 Resp:10272701
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 14.1 10.9 16.3





#72
Phenanthrene
Concen: 518.623 ng/ul m
RT: 17.133 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BP021385.D
Acq: 06 Aug 2024 00:49

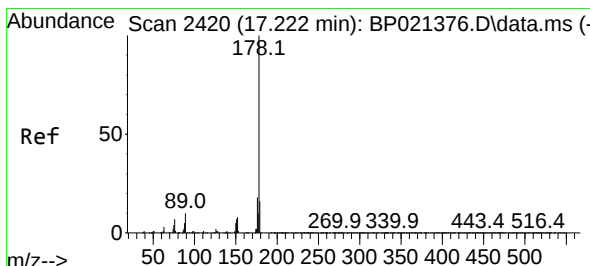
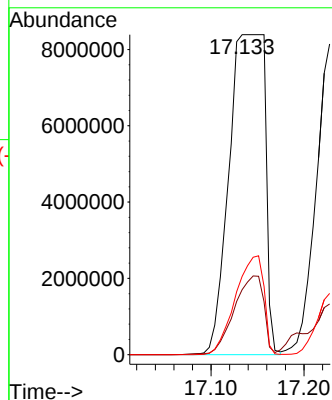
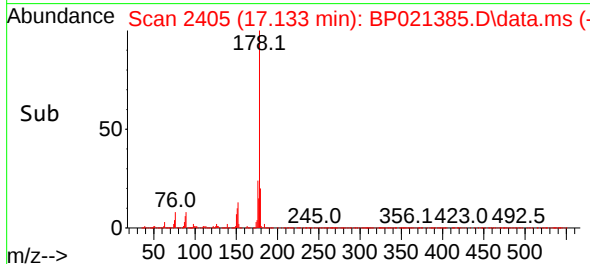
Instrument :
BNA_P
ClientSampleId :
F7E03



Tgt Ion:178 Resp:2259359
Ion Ratio Lower Upper
178 100
179 20.3 12.2 18.4
176 24.4 15.0 22.4

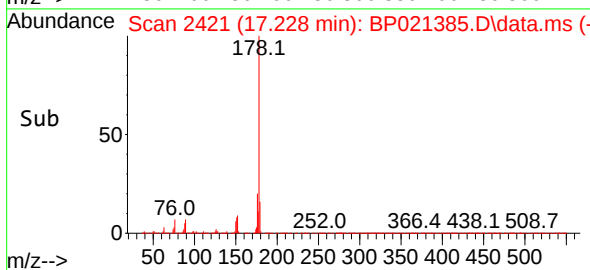
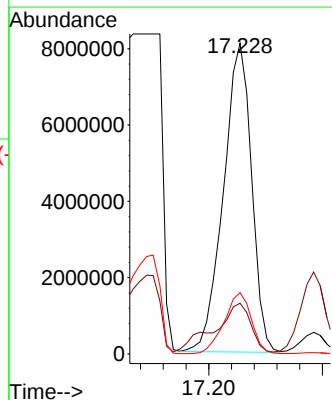
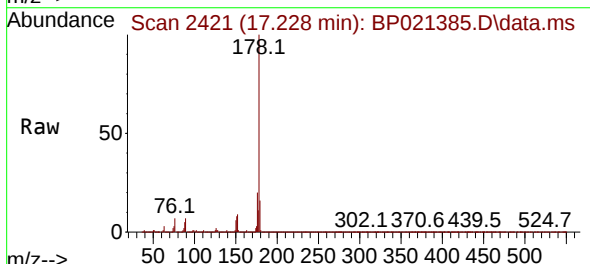
Manual Integrations
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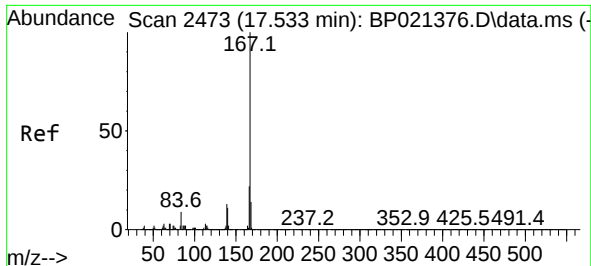
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#74
Anthracene
Concen: 313.066 ng/ul
RT: 17.228 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP021385.D
Acq: 06 Aug 2024 00:49

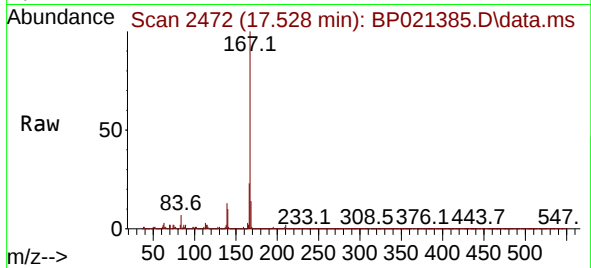
Tgt Ion:178 Resp:13904009
Ion Ratio Lower Upper
178 100
179 16.3 12.5 18.7
176 19.7 14.8 22.2





#77
 Carbazole
 Concen: 208.430 ng/ul
 RT: 17.528 min Scan# 2472
 Delta R.T. 0.006 min
 Lab File: BP021385.D
 Acq: 06 Aug 2024 00:49

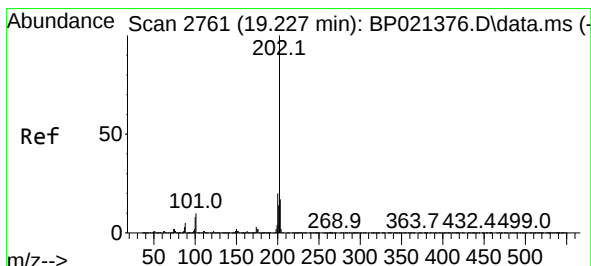
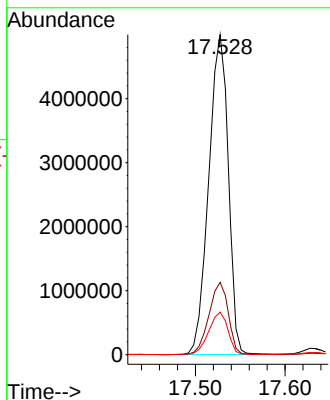
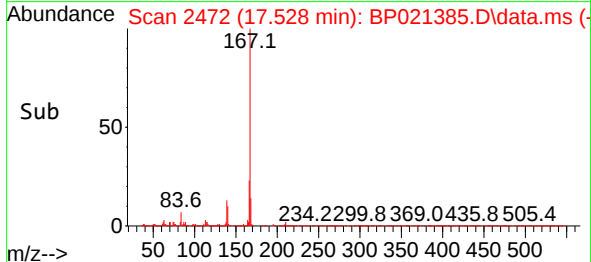
Instrument :
 BNA_P
 ClientSampleId :
 F7E03



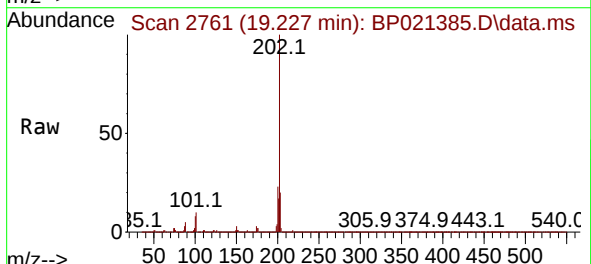
Tgt Ion:167 Resp: 7567220
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.3 25.9
 139 13.3 10.2 15.2

Manual Integrations
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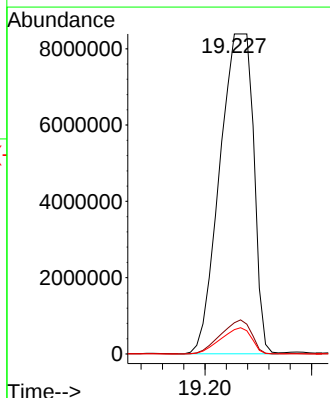
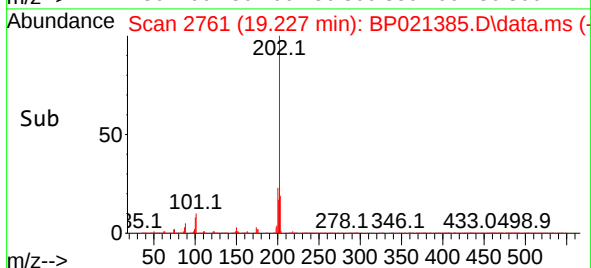
Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024

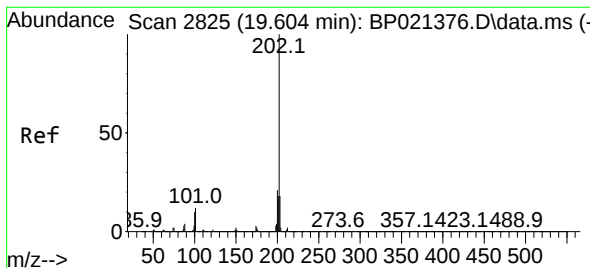


#80
 Fluoranthene
 Concen: 280.940 ng/ul
 RT: 19.227 min Scan# 2761
 Delta R.T. -0.006 min
 Lab File: BP021385.D
 Acq: 06 Aug 2024 00:49



Tgt Ion:202 Resp:18519931
 Ion Ratio Lower Upper
 202 100
 101 9.8 8.0 12.0
 100 7.6 6.1 9.1





#82

Pyrene

Concen: 213.537 ng/ul

RT: 19.610 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP021385.D

Acq: 06 Aug 2024 00:49

Instrument :

BNA_P

ClientSampleId :

F7E03

Tgt Ion:202 Resp:14324270

Ion Ratio Lower Upper

202 100

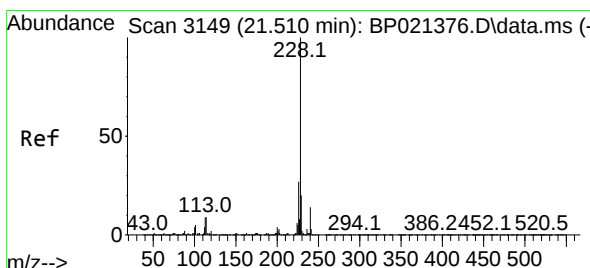
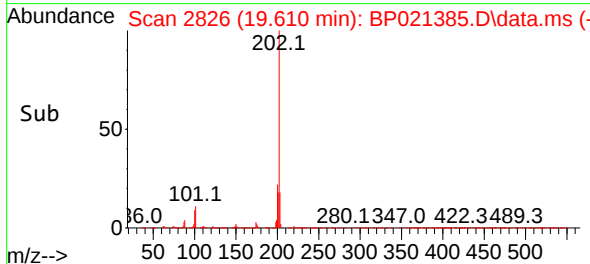
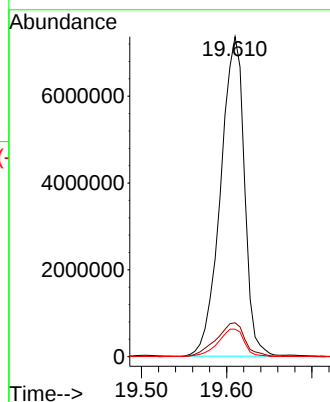
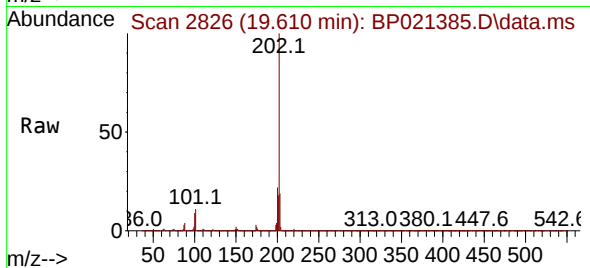
101 10.6 9.4 14.2

100 8.6 7.8 11.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#85

Benzo(a)anthracene

Concen: 95.579 ng/ul

RT: 21.516 min Scan# 3150

Delta R.T. 0.006 min

Lab File: BP021385.D

Acq: 06 Aug 2024 00:49

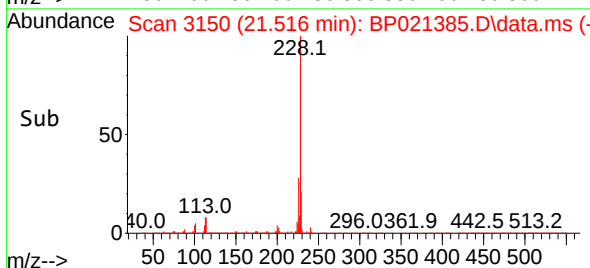
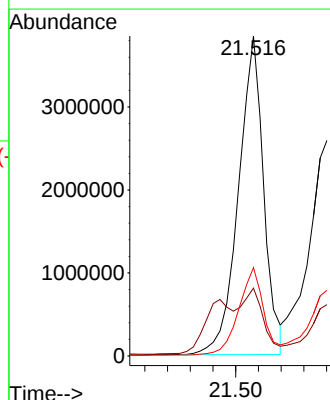
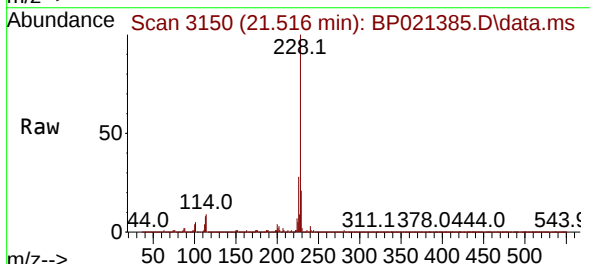
Tgt Ion:228 Resp: 5911562

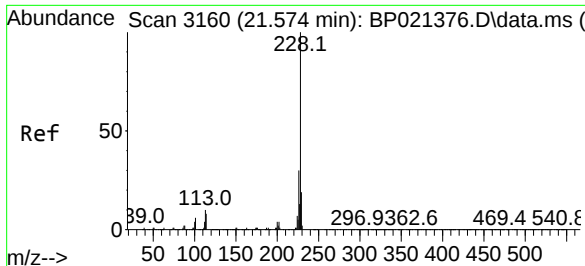
Ion Ratio Lower Upper

228 100

229 21.2 15.5 23.3

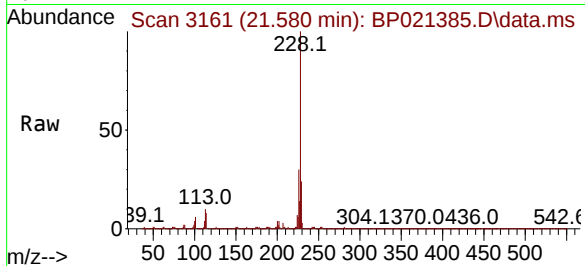
226 27.6 21.4 32.2





#87
Chrysene
Concen: 82.869 ng/ul m
RT: 21.580 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP021385.D
Acq: 06 Aug 2024 00:49

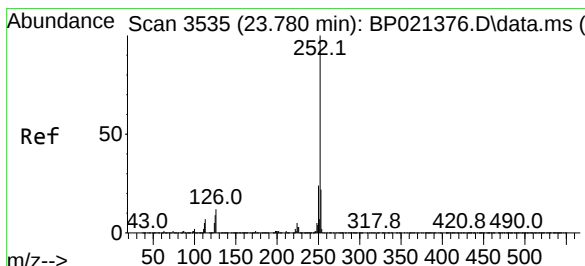
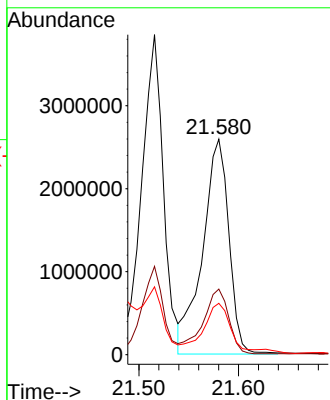
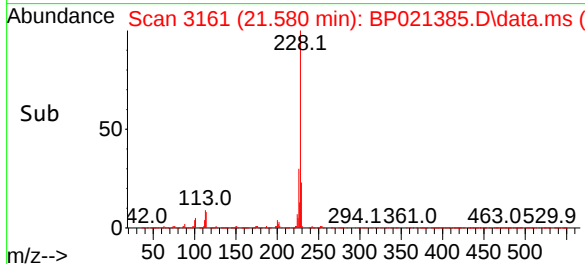
Instrument :
BNA_P
ClientSampleId :
F7E03



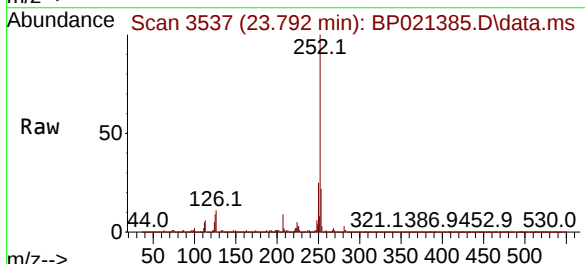
Tgt Ion:228 Resp: 4762619
Ion Ratio Lower Upper
228 100
226 30.5 23.6 35.4
229 23.8 15.5 23.3

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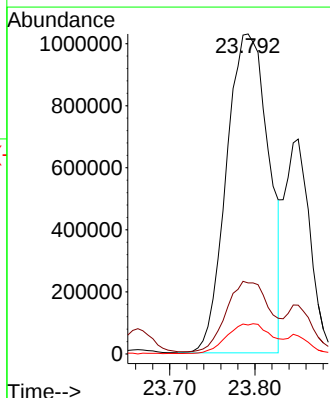
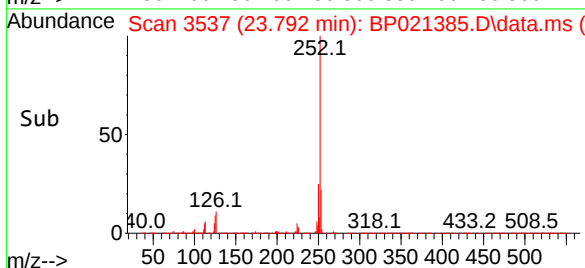
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

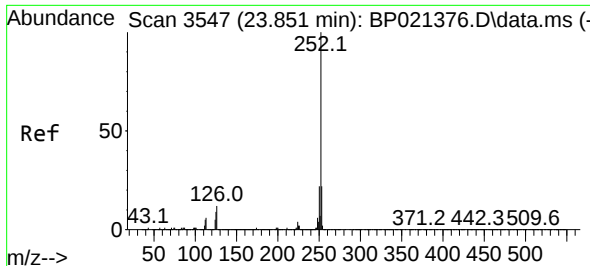


#90
Benzo(b)fluoranthene
Concen: 50.326 ng/ul
RT: 23.792 min Scan# 3537
Delta R.T. 0.006 min
Lab File: BP021385.D
Acq: 06 Aug 2024 00:49



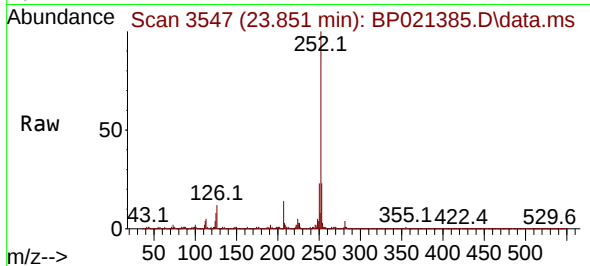
Tgt Ion:252 Resp: 3534462
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 9.1 7.0 10.4





#91
Benzo(k)fluoranthene
Concen: 20.600 ng/ul m
RT: 23.851 min Scan# 3547
Delta R.T. 0.000 min
Lab File: BP021385.D
Acq: 06 Aug 2024 00:49

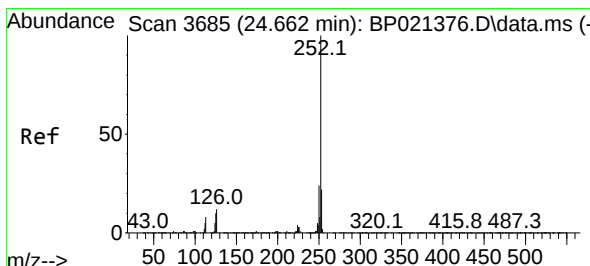
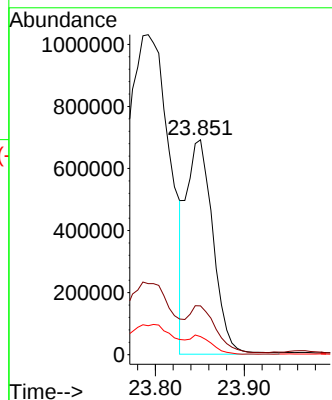
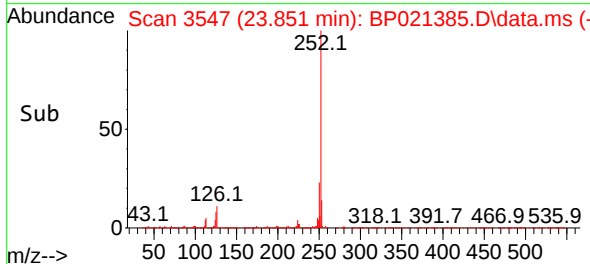
Instrument :
BNA_P
ClientSampleId :
F7E03



Tgt Ion:252 Resp: 1443819
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 8.4 7.4 11.0

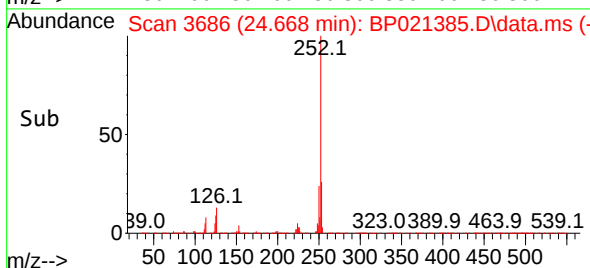
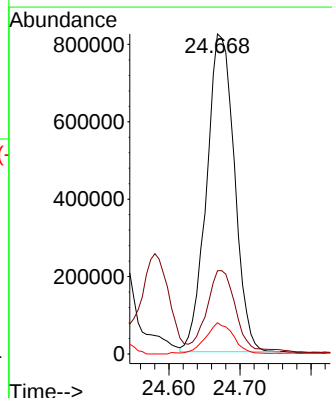
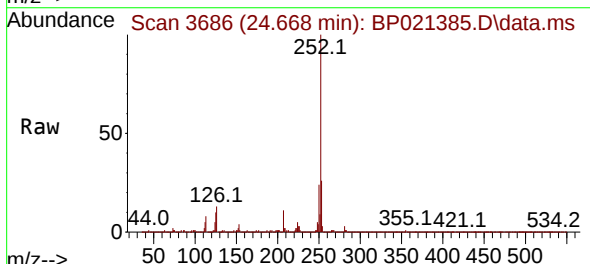
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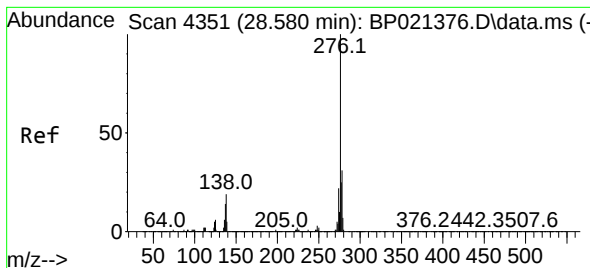
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#93
Benzo(a)pyrene
Concen: 33.727 ng/ul
RT: 24.668 min Scan# 3686
Delta R.T. -0.011 min
Lab File: BP021385.D
Acq: 06 Aug 2024 00:49

Tgt Ion:252 Resp: 2238331
Ion Ratio Lower Upper
252 100
253 26.0 17.4 26.0
125 9.7 7.7 11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 8.998 ng/ul

RT: 28.592 min Scan# 4353

Delta R.T. -0.006 min

Lab File: BP021385.D

Acq: 06 Aug 2024 00:49

Instrument :

BNA_P

ClientSampleId :

F7E03

Tgt Ion:276 Resp: 76952

Ion Ratio Lower Upper

276 100

138 17.4 14.3 21.5

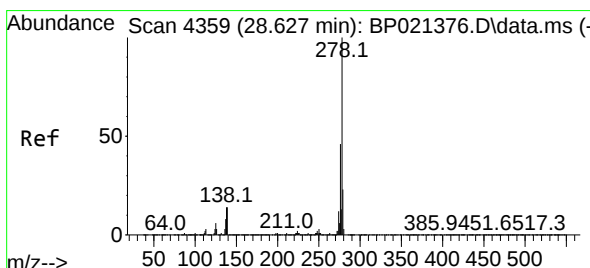
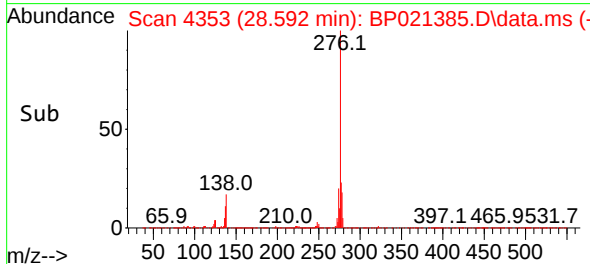
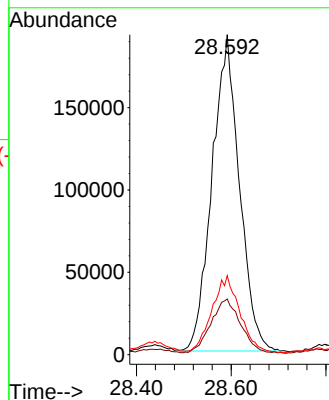
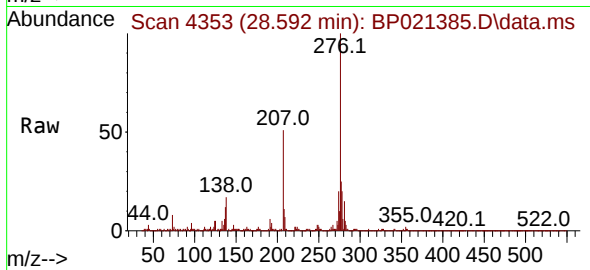
277 24.7 19.2 28.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/06/2024

Supervised By :mohammad ahmed 08/07/2024



#95

Dibenzo(a,h)anthracene

Concen: 3.288 ng/ul m

RT: 28.627 min Scan# 4359

Delta R.T. -0.011 min

Lab File: BP021385.D

Acq: 06 Aug 2024 00:49

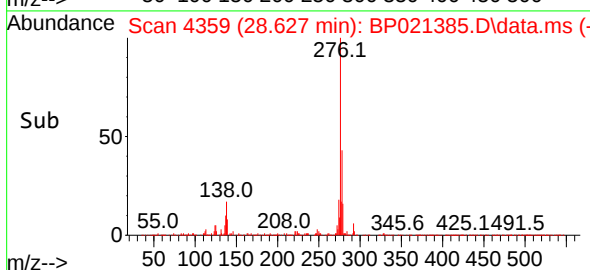
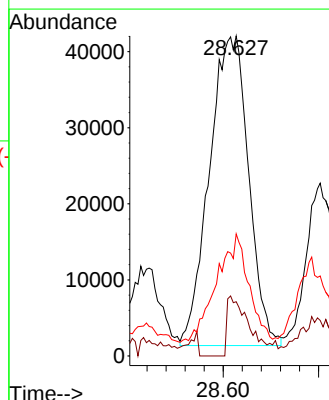
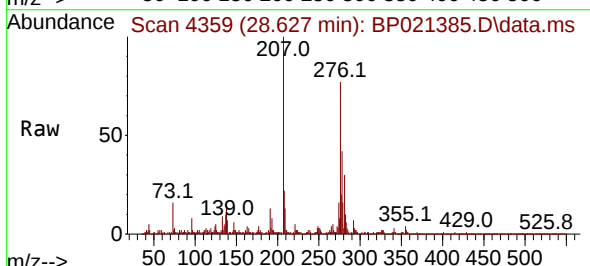
Tgt Ion:278 Resp: 232854

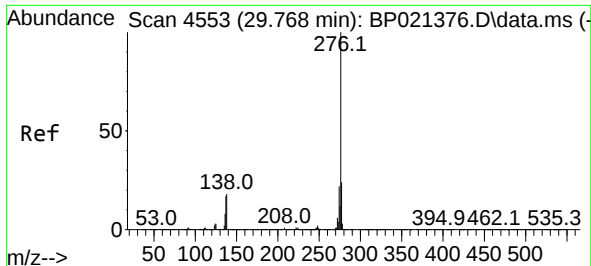
Ion Ratio Lower Upper

278 100

139 16.9 10.9 16.3#

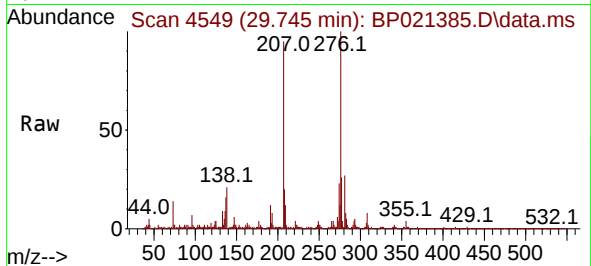
279 38.2 19.4 29.0#





#96
 Benzo(g,h,i)perylene
 Concen: 8.100 ng/ul
 RT: 29.745 min Scan# 4549
 Delta R.T. -0.017 min
 Lab File: BP021385.D
 Acq: 06 Aug 2024 00:49

Instrument :
 BNA_P
 ClientSampleId :
 F7E03



Tgt Ion:276 Resp: 564174
 Ion Ratio Lower Upper
 276 100
 138 20.8 15.3 22.9
 277 26.0 18.2 27.2

Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024

