

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020750.D
 Acq On : 02 Jul 2024 14:26
 Operator : MA/JU
 Sample : P2962-06DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0T78DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 23:34:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	239755	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.510	136	984079	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.363	164	623360	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	1175176	20.000	ng/u1	-0.01
79) Chrysene-d12	21.645	240	907395	20.000	ng/u1	0.00
88) Perylene-d12	25.004	264	1111028	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	5287	0.947	ng/uL	0.00
4) Pyridine-d5	3.693	84	76228	4.685	ng/u1	0.00
7) Phenol-d5	6.922	99	118774	6.040	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	74640	5.987	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.281	132	100227	6.236	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	104810	6.563	ng/u1	0.00
21) Nitrobenzene-d5	8.887	128	50291	6.922	ng/u1	0.00
24) 2-Nitrophenol-d4	9.599	143	55776	7.671	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	102874	6.869	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	128249	6.110	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	331123	7.640	ng/u1	-0.01
49) Acenaphthylene-d8	14.051	160	370161	7.157	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.604	143	26645	4.024	ng/u1	0.01
60) Fluorene-d10	15.369	176	276875	7.592	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.504	200	20476	3.457	ng/u1	0.00
73) Anthracene-d10	17.275	188	388624	7.368	ng/u1	0.00
81) Pyrene-d10	19.663	212	403989	7.411	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.763	264	395196	7.312	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.563	128	4775590	90.667	ng/u1	100
36) 2-Methylnaphthalene	12.163	142	1383421	39.209	ng/u1	100
37) 1-Methylnaphthalene	12.387	142	811290	22.493	ng/u1	99
43) 1,1'-Biphenyl	13.181	154	183575	3.938	ng/u1	99
50) Acenaphthylene	14.087	152	866545	14.833	ng/u1	99
52) Acenaphthene	14.428	153	138525	3.575	ng/u1	100
56) Dibenzofuran	14.769	168	53688	1.028	ng/u1	100
61) Fluorene	15.428	166	421836	10.054	ng/u1	99
72) Phenanthrene	17.216	178	1880732	30.562	ng/u1	100
74) Anthracene	17.304	178	502387	7.937	ng/u1	99
80) Fluoranthene	19.316	202	673964	10.121	ng/u1	99
82) Pyrene	19.692	202	1008556	14.769	ng/u1	99
85) Benzo(a)anthracene	21.622	228	342118m	5.379	ng/u1	
87) Chrysene	21.692	228	285814	4.754	ng/u1	96
90) Benzo(b)fluoranthene	23.939	252	210559	3.128	ng/u1	96
91) Benzo(k)fluoranthene	24.004	252	78390m	1.151	ng/u1	
93) Benzo(a)pyrene	24.845	252	270652	4.260	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.809	276	102383	1.256	ng/u1	95
96) Benzo(g,h,i)perylene	29.974	276	114093	1.715	ng/u1	99

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

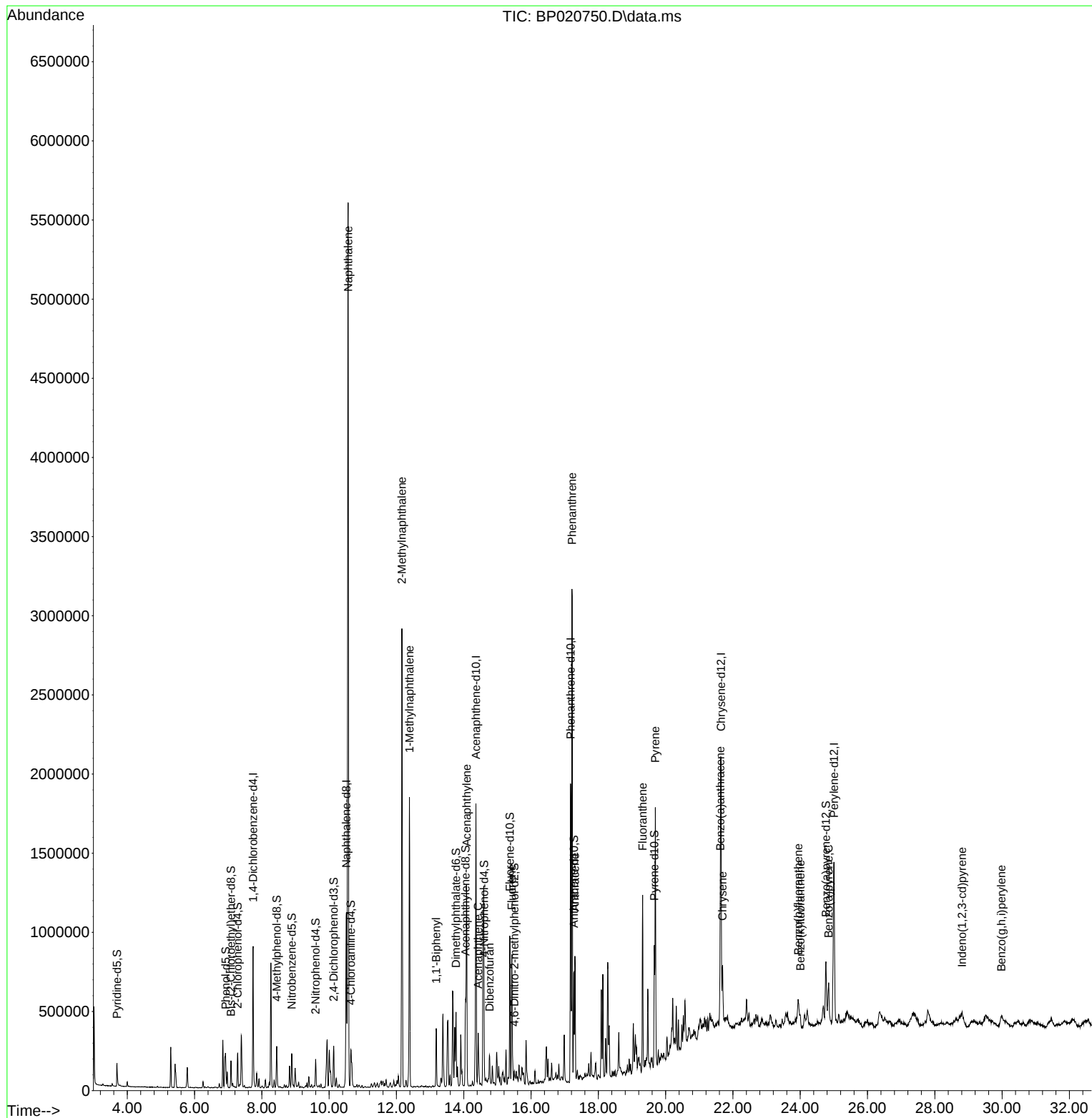
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020750.D
Acq On : 02 Jul 2024 14:26
Operator : MA/JU
Sample : P2962-06DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

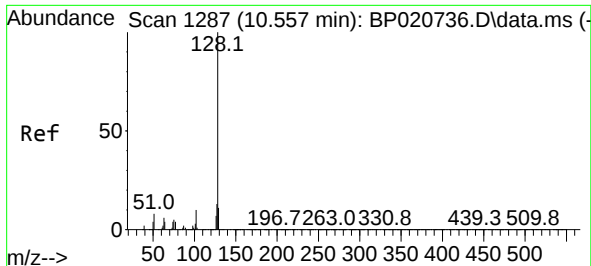
Instrument :
BNA_P
ClientSampleId :
C0T78DL

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

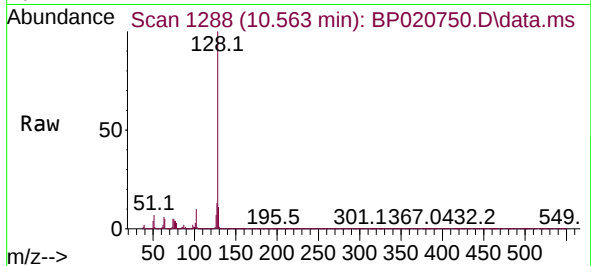
Quant Time: Jul 02 23:34:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 90.667 ng/ul
RT: 10.563 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP020750.D
Acq: 02 Jul 2024 14:26

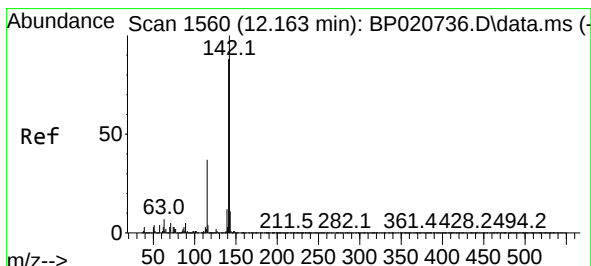
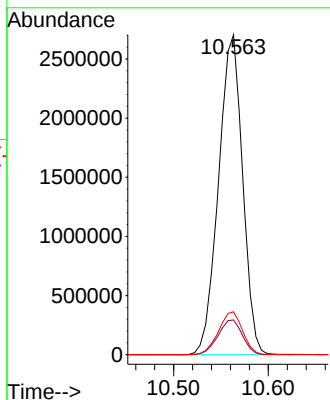
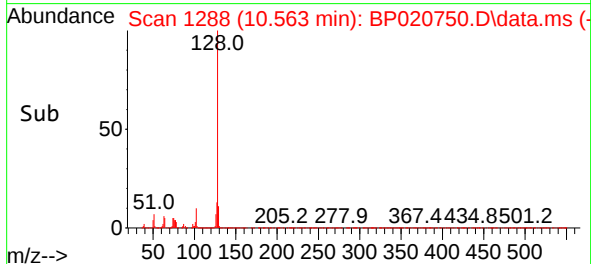
Instrument :
BNA_P
ClientSampleId :
C0T78DL



Tgt Ion:128 Resp: 4775590
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.4 10.6 15.8

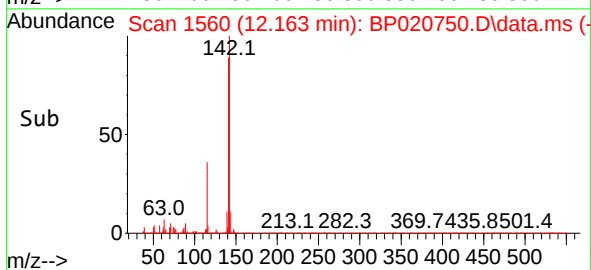
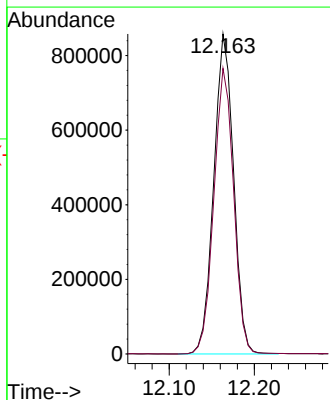
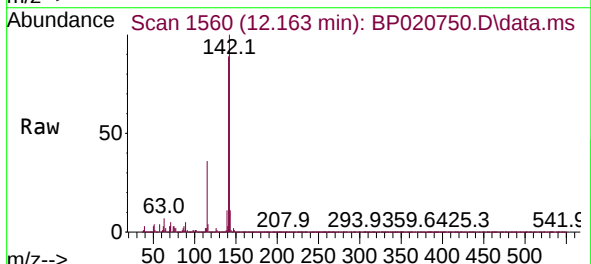
Manual Integrations
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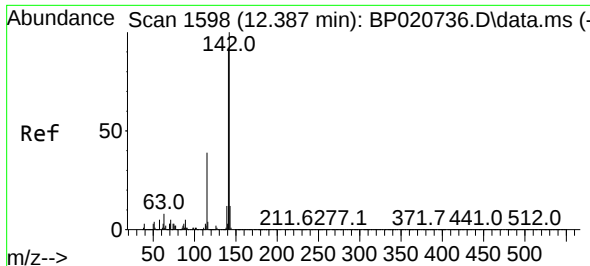
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#36
2-Methylnaphthalene
Concen: 39.209 ng/ul
RT: 12.163 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BP020750.D
Acq: 02 Jul 2024 14:26

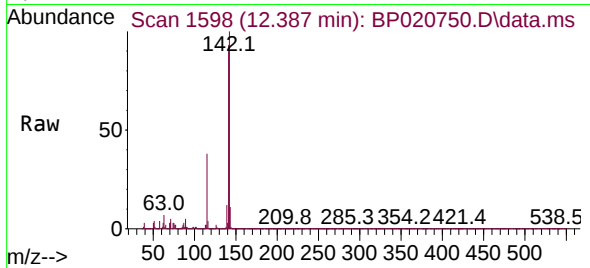
Tgt Ion:142 Resp: 1383421
Ion Ratio Lower Upper
142 100
141 89.3 71.1 106.7





#37
1-Methylnaphthalene
Concen: 22.493 ng/ul
RT: 12.387 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP020750.D
Acq: 02 Jul 2024 14:26

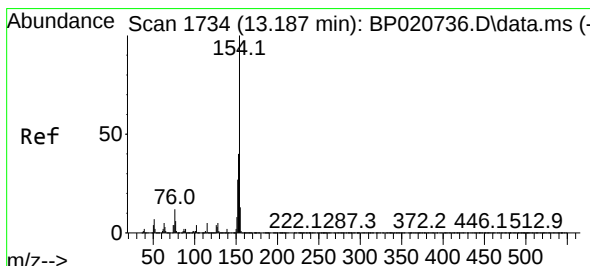
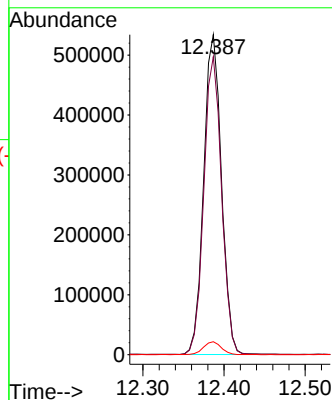
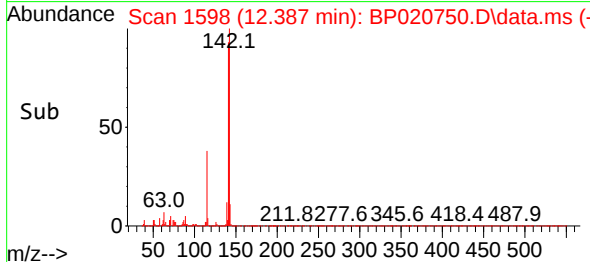
Instrument :
BNA_P
ClientSampleId :
C0T78DL



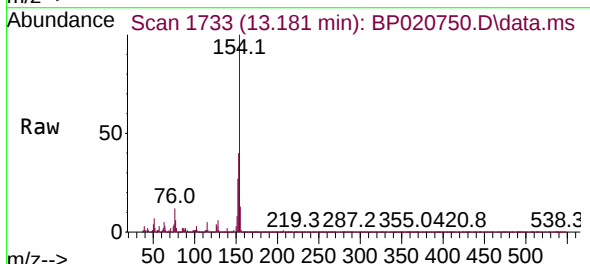
Tgt Ion:142 Resp: 811290
Ion Ratio Lower Upper
142 100
141 93.1 74.9 112.3
116 4.1 3.3 4.9

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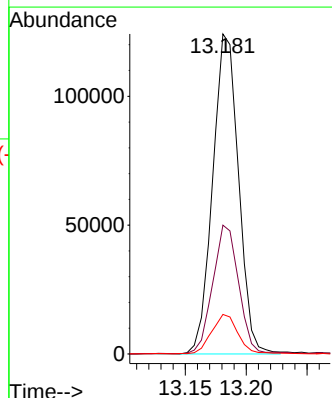
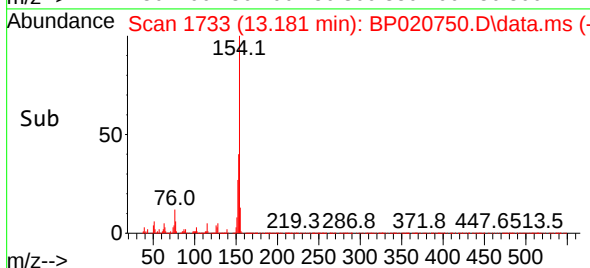
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

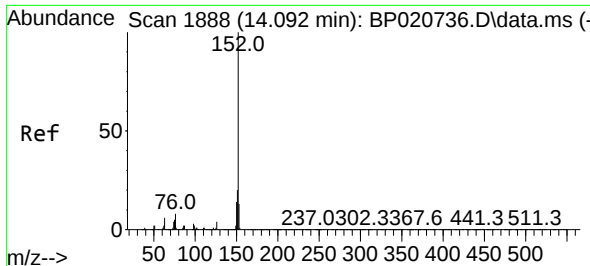


#43
1,1'-Biphenyl
Concen: 3.938 ng/ul
RT: 13.181 min Scan# 1733
Delta R.T. -0.012 min
Lab File: BP020750.D
Acq: 02 Jul 2024 14:26



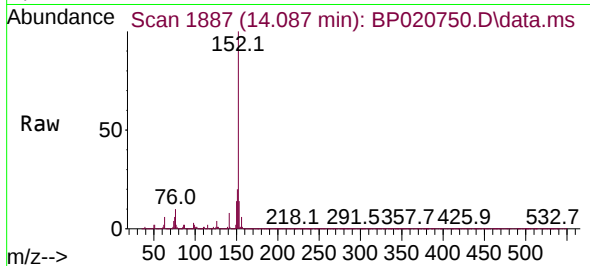
Tgt Ion:154 Resp: 183575
Ion Ratio Lower Upper
154 100
153 40.2 32.6 48.8
76 12.3 10.8 16.2





#50
Acenaphthylene
Concen: 14.833 ng/ul
RT: 14.087 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BP020750.D
Acq: 02 Jul 2024 14:26

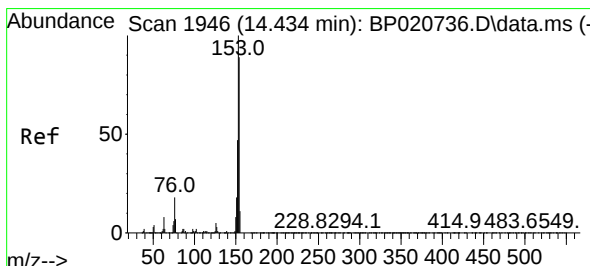
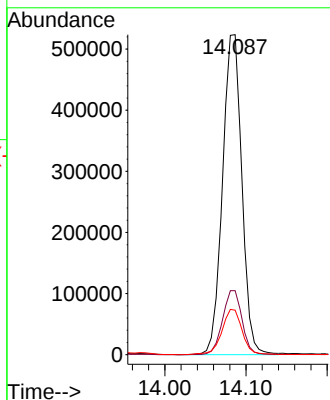
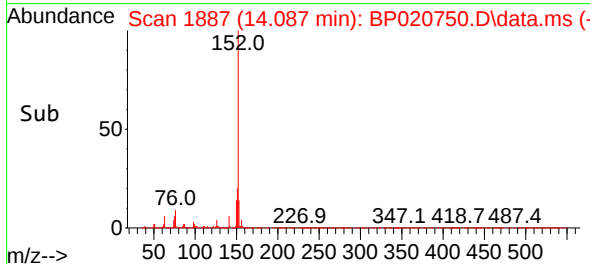
Instrument :
BNA_P
ClientSampleId :
C0T78DL



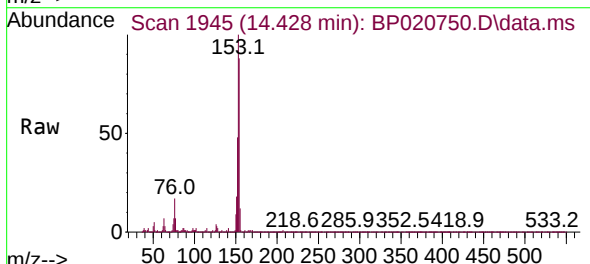
Tgt Ion:152 Resp: 866549
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.9 10.8 16.2

Manual Integrations
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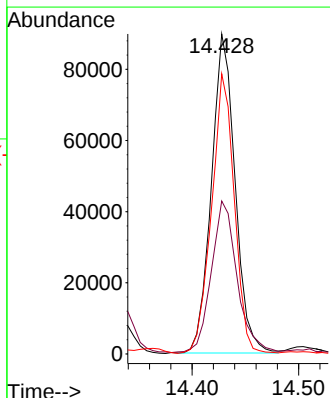
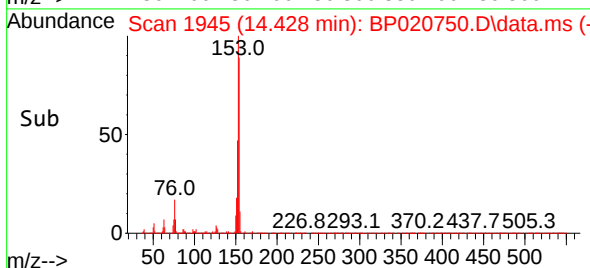
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

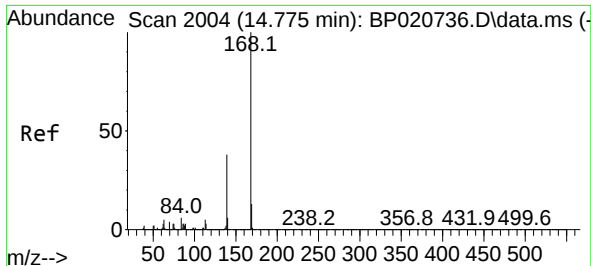


#52
Acenaphthene
Concen: 3.575 ng/ul
RT: 14.428 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP020750.D
Acq: 02 Jul 2024 14:26



Tgt Ion:153 Resp: 138525
Ion Ratio Lower Upper
153 100
152 47.8 38.2 57.2
154 87.5 69.8 104.6





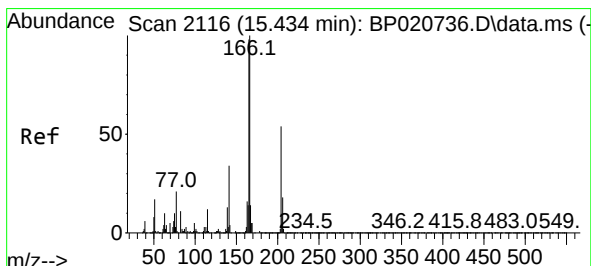
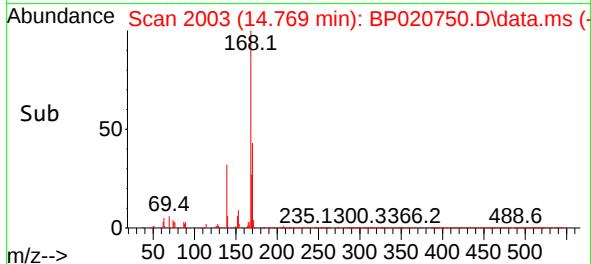
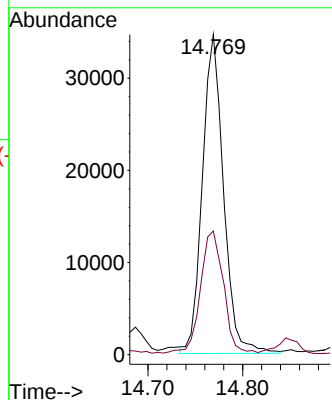
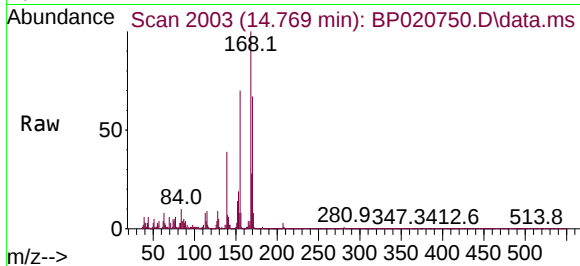
#56
Dibenzenofuran
Concen: 1.028 ng/ul
RT: 14.769 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP020750.D
Acq: 02 Jul 2024 14:26

Instrument :
BNA_P
ClientSampleId :
C0T78DL

Tgt Ion:168 Resp: 5368
Ion Ratio Lower Upper
168 100
139 38.6 30.7 46.1

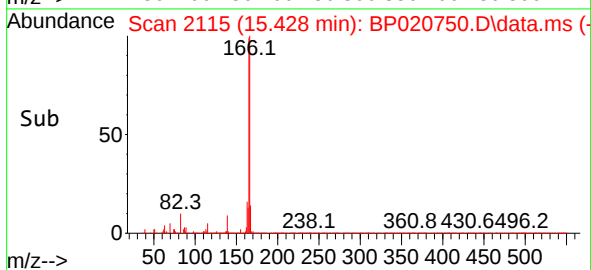
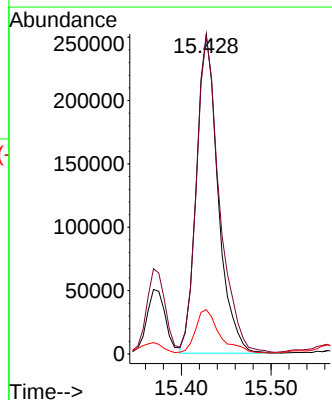
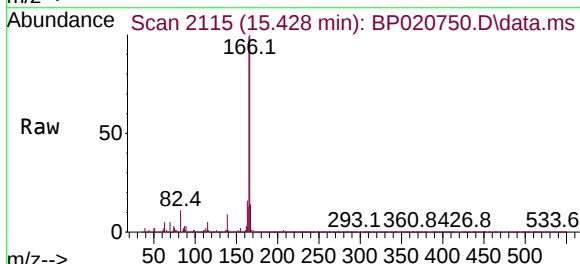
Manual Integrations
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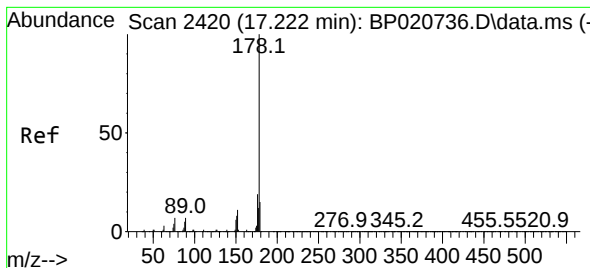
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#61
Fluorene
Concen: 10.054 ng/ul
RT: 15.428 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP020750.D
Acq: 02 Jul 2024 14:26

Tgt Ion:166 Resp: 421836
Ion Ratio Lower Upper
166 100
165 99.2 78.8 118.2
167 13.8 11.2 16.8





#72

Phenanthrene

Concen: 30.562 ng/ul

RT: 17.216 min Scan# 2419

Delta R.T. -0.012 min

Lab File: BP020750.D

Acq: 02 Jul 2024 14:26

Instrument :

BNA_P

ClientSampleId :

C0T78DL

Tgt Ion:178 Resp: 188073

Ion Ratio Lower Upper

178 100

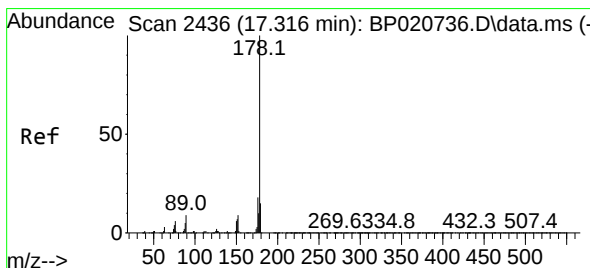
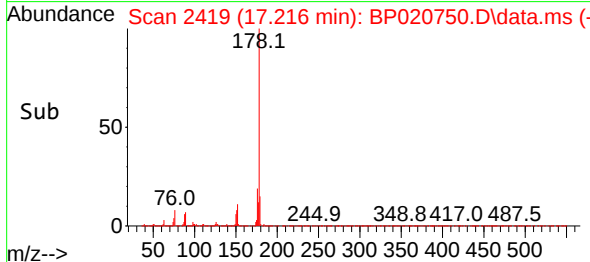
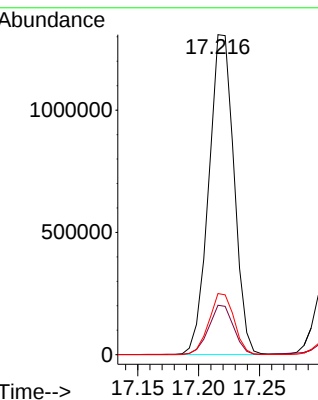
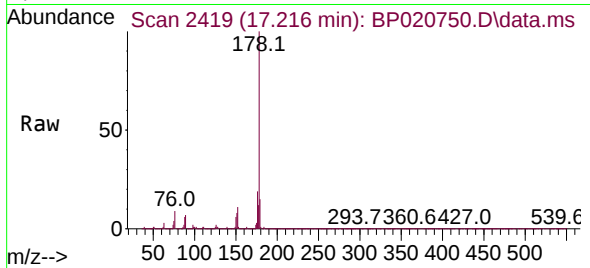
179 15.5 12.4 18.6

176 19.1 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#74

Anthracene

Concen: 7.937 ng/ul

RT: 17.304 min Scan# 2434

Delta R.T. -0.012 min

Lab File: BP020750.D

Acq: 02 Jul 2024 14:26

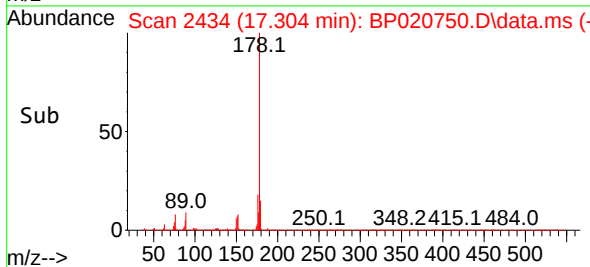
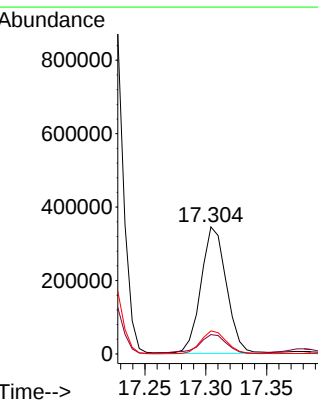
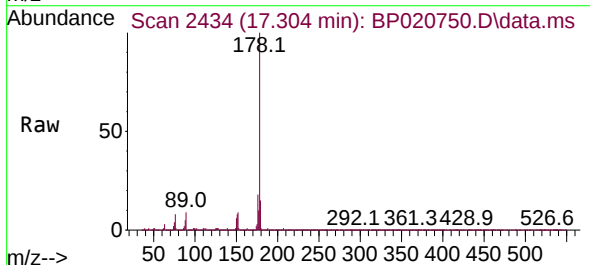
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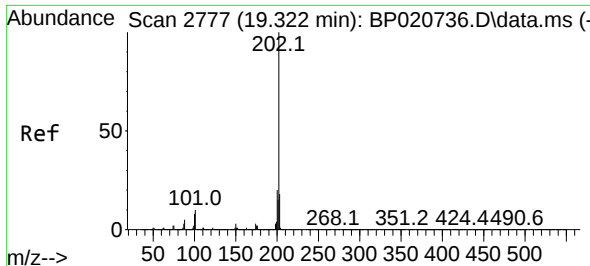
Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

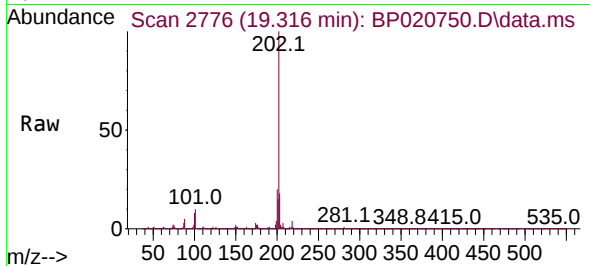
176 18.2 15.0 22.4





#80
Fluoranthene
Concen: 10.121 ng/ul
RT: 19.316 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP020750.D
Acq: 02 Jul 2024 14:26

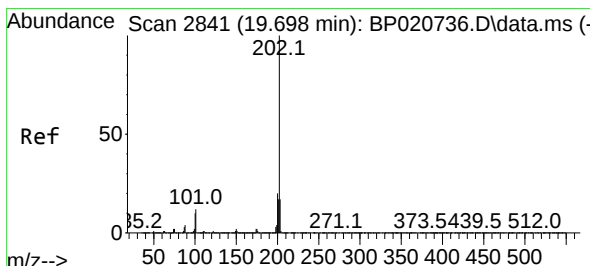
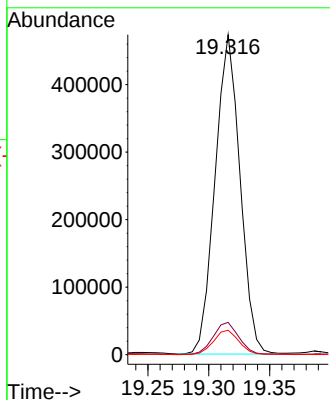
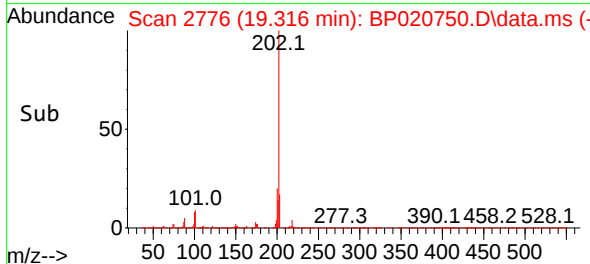
Instrument :
BNA_P
ClientSampleId :
C0T78DL



Tgt Ion:202 Resp: 673964
Ion Ratio Lower Upper
202 100
101 10.1 8.2 12.4
100 7.6 6.6 10.0

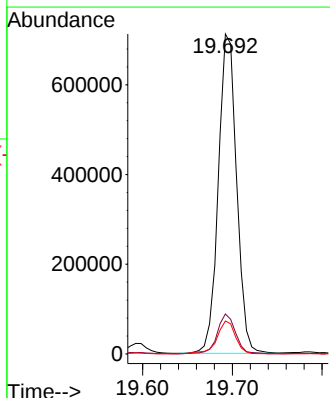
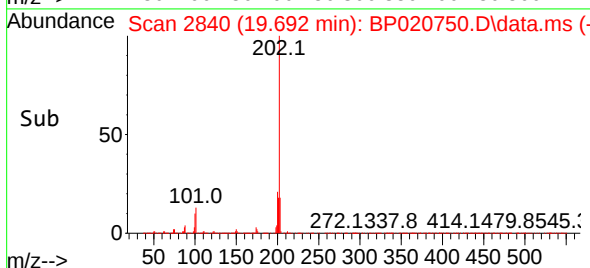
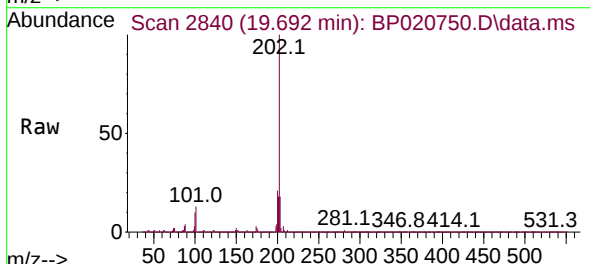
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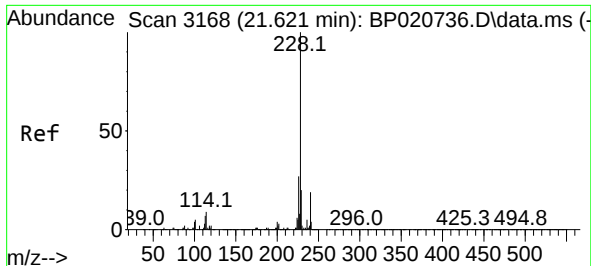
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#82
Pyrene
Concen: 14.769 ng/ul
RT: 19.692 min Scan# 2840
Delta R.T. -0.006 min
Lab File: BP020750.D
Acq: 02 Jul 2024 14:26

Tgt Ion:202 Resp: 1008556
Ion Ratio Lower Upper
202 100
101 12.5 9.8 14.8
100 10.3 7.9 11.9





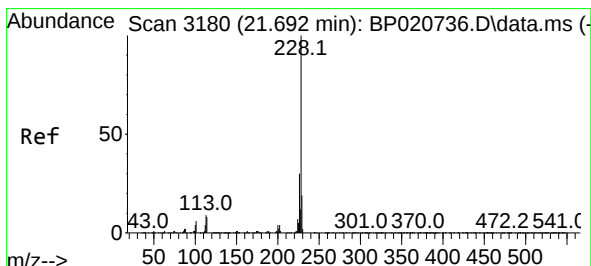
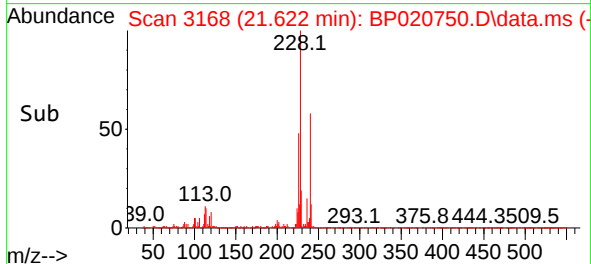
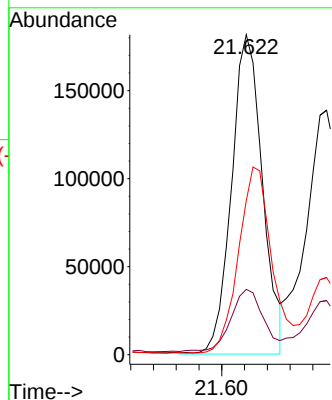
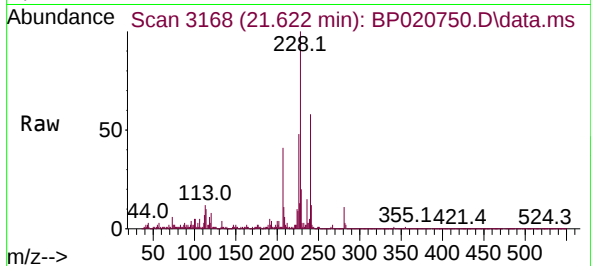
#85
Benzo(a)anthracene
Concen: 5.379 ng/ul m
RT: 21.622 min Scan# 3168
Delta R.T. 0.000 min
Lab File: BP020750.D
Acq: 02 Jul 2024 14:26

Instrument :
BNA_P
ClientSampleId :
C0T78DL

Tgt Ion:228 Resp: 342118
Ion Ratio Lower Upper
228 100
229 20.4 15.2 22.8
226 48.1 21.1 31.7

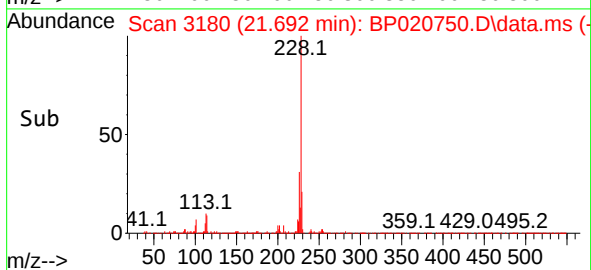
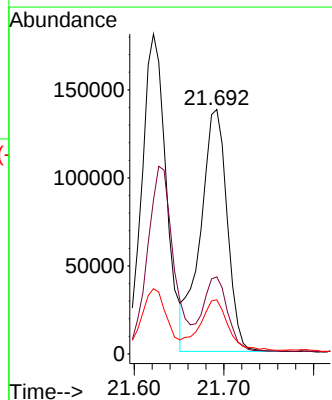
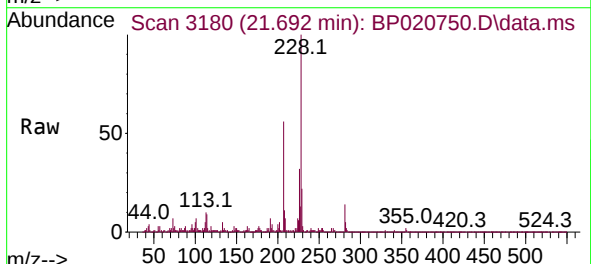
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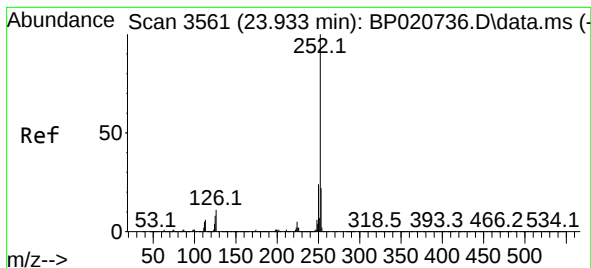
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#87
Chrysene
Concen: 4.754 ng/ul
RT: 21.692 min Scan# 3180
Delta R.T. 0.000 min
Lab File: BP020750.D
Acq: 02 Jul 2024 14:26

Tgt Ion:228 Resp: 285814
Ion Ratio Lower Upper
228 100
226 31.5 23.8 35.6
229 22.1 16.1 24.1





#90

Benzo(b)fluoranthene

Concen: 3.128 ng/ul

RT: 23.939 min Scan# 3562

Delta R.T. 0.000 min

Lab File: BP020750.D

Acq: 02 Jul 2024 14:26

Instrument :

BNA_P

ClientSampleId :

C0T78DL

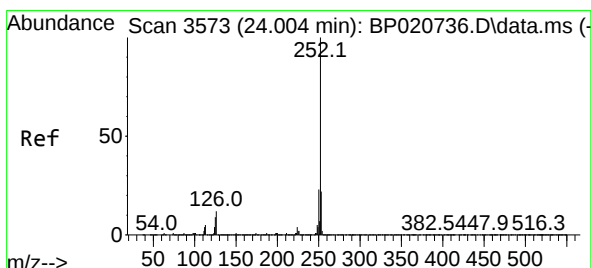
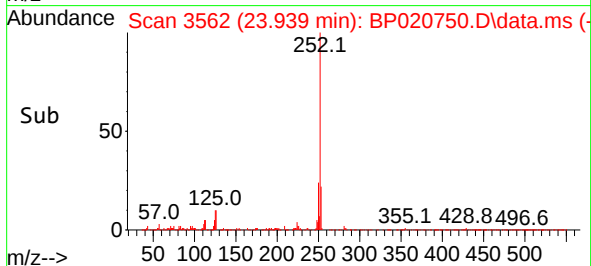
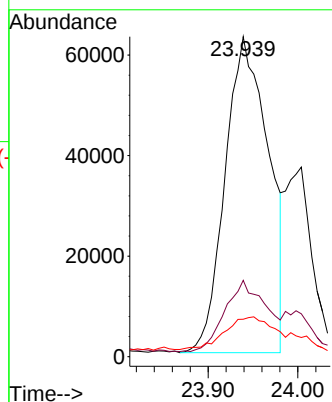
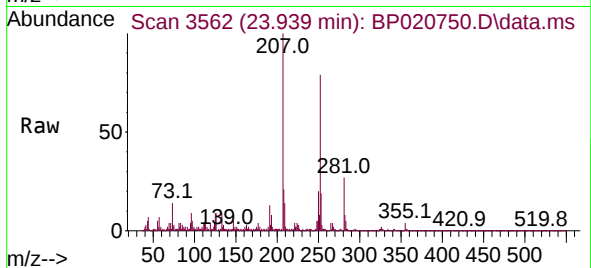
Tgt Ion:252 Resp: 210559

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	11.7	7.9	11.9

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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#91

Benzo(k)fluoranthene

Concen: 1.151 ng/ul m

RT: 24.004 min Scan# 3573

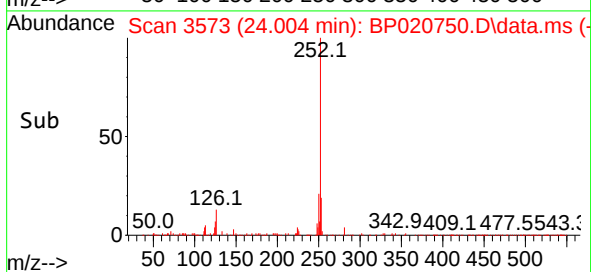
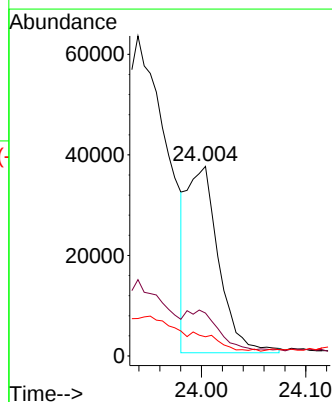
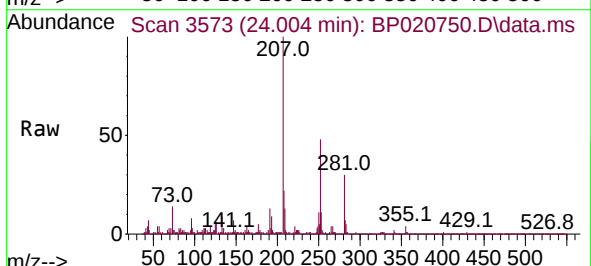
Delta R.T. 0.000 min

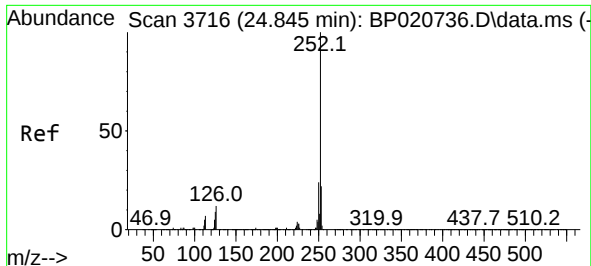
Lab File: BP020750.D

Acq: 02 Jul 2024 14:26

Tgt Ion:252 Resp: 78390

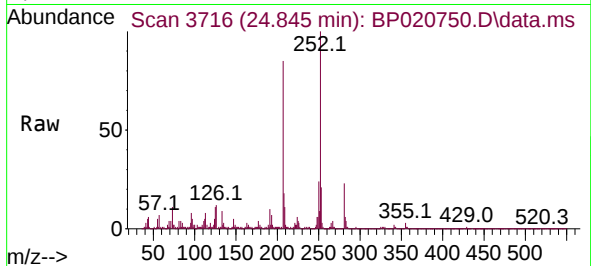
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	10.1	7.9	11.9





#93
Benzo(a)pyrene
Concen: 4.260 ng/ul
RT: 24.845 min Scan# 3716
Delta R.T. 0.000 min
Lab File: BP020750.D
Acq: 02 Jul 2024 14:26

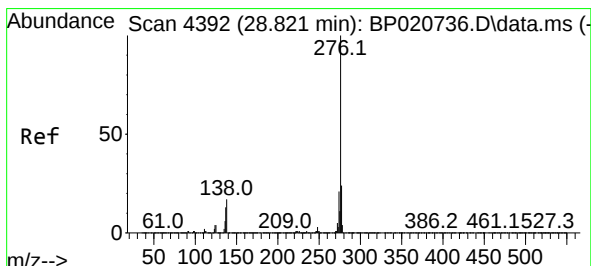
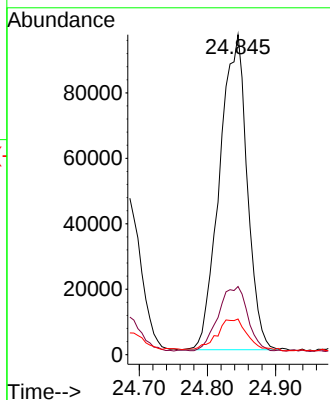
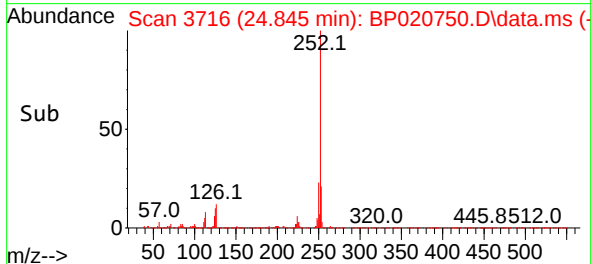
Instrument :
BNA_P
ClientSampleId :
C0T78DL



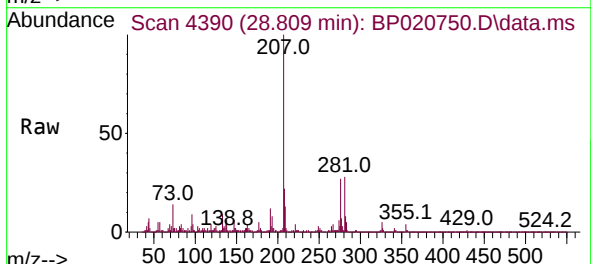
Tgt Ion:252 Resp: 270652
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 11.2 8.7 13.1

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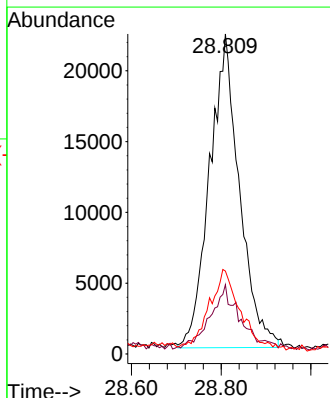
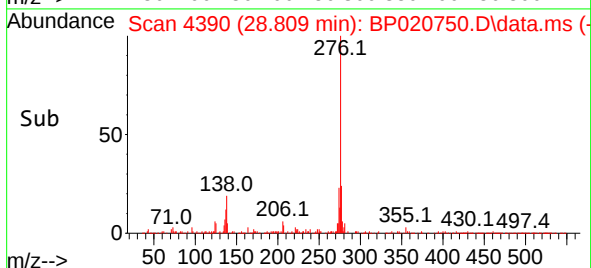
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

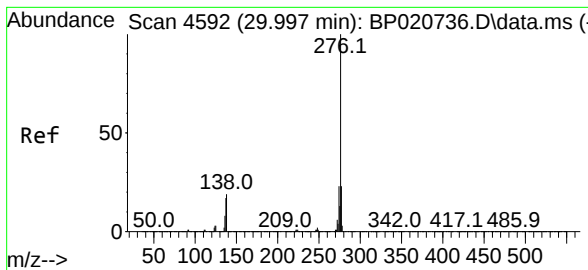


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.256 ng/ul
RT: 28.809 min Scan# 4390
Delta R.T. -0.006 min
Lab File: BP020750.D
Acq: 02 Jul 2024 14:26



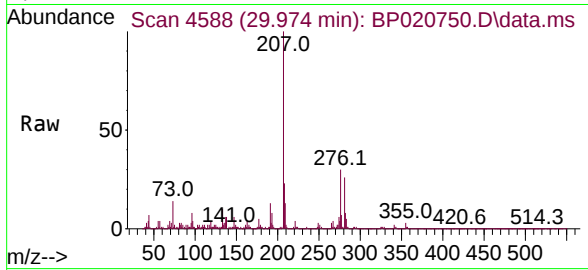
Tgt Ion:276 Resp: 102383
Ion Ratio Lower Upper
276 100
138 21.7 15.2 22.8
277 25.9 19.0 28.4





#96
 Benzo(g,h,i)perylene
 Concen: 1.715 ng/ul
 RT: 29.974 min Scan# 4588
 Delta R.T. -0.029 min
 Lab File: BP020750.D
 Acq: 02 Jul 2024 14:26

Instrument :
 BNA_P
 ClientSampleId :
 C0T78DL



Tgt Ion: 276 Resp: 11409

Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.4	24.6
277	24.2	18.7	28.1

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Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

