

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020745.D
 Acq On : 02 Jul 2024 10:53
 Operator : MA/JU
 Sample : P2963-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CQ9

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 12:26:02 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	7.746	152	227949	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	939945	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.363	164	615798	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1217352	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	812290	20.000	ng/u1	0.00
88) Perylene-d12	24.986	264	943986	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	20780	3.915	ng/uL	0.00
4) Pyridine-d5	3.699	84	20065	1.297	ng/u1	0.01
7) Phenol-d5	6.922	99	540331	28.901	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	317623	26.798	ng/u1	0.00
11) 2-Chlorophenol-d4	7.281	132	443353	29.015	ng/u1	0.00
15) 4-Methylphenol-d8	8.446	113	432920	28.511	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	221028	31.850	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	250553	36.079	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	462681	32.344	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	86480	4.314	ng/u1	0.00
46) Dimethylphthalate-d6	13.781	166	1445891	33.770	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	1627824	31.862	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	188044	28.745	ng/u1	0.00
60) Fluorene-d10	15.381	176	1220588	33.878	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	176716	28.806	ng/u1	0.00
73) Anthracene-d10	17.280	188	1799577	32.938	ng/u1	0.00
81) Pyrene-d10	19.663	212	1586532	32.512	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.756	264	1094768	23.841	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.563	105	36371	1.500	ng/u1	99
30) Naphthalene	10.563	128	193828	3.853	ng/u1	99
36) 2-Methylnaphthalene	12.163	142	51025	1.514	ng/u1	95
50) Acenaphthylene	14.086	152	68153	1.181	ng/u1	99
52) Acenaphthene	14.428	153	83329	2.177	ng/u1	99
56) Dibenzofuran	14.769	168	125013	2.423	ng/u1	97
61) Fluorene	15.433	166	96174	2.320	ng/u1	97
72) Phenanthrene	17.227	178	1693894	26.572	ng/u1	99
74) Anthracene	17.316	178	281433	4.292	ng/u1	99
77) Carbazole	17.604	167	148811	2.750	ng/u1	98
80) Fluoranthene	19.316	202	2073121	34.779	ng/u1	99
82) Pyrene	19.698	202	1481344	24.232	ng/u1	98
85) Benzo(a)anthracene	21.610	228	800313	14.057	ng/u1	97
87) Chrysene	21.680	228	848874	15.774	ng/u1	97
90) Benzo(b)fluoranthene	23.921	252	994739	17.394	ng/u1	98
91) Benzo(k)fluoranthene	23.998	252	381106	6.588	ng/u1	96
93) Benzo(a)pyrene	24.821	252	447775	8.294	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.792	276	408107	5.894	ng/u1	98
95) Dibenzo(a,h)anthracene	28.862	278	146461m	2.574	ng/u1	
96) Benzo(g,h,i)perylene	29.962	276	58908m	1.042	ng/u1	

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

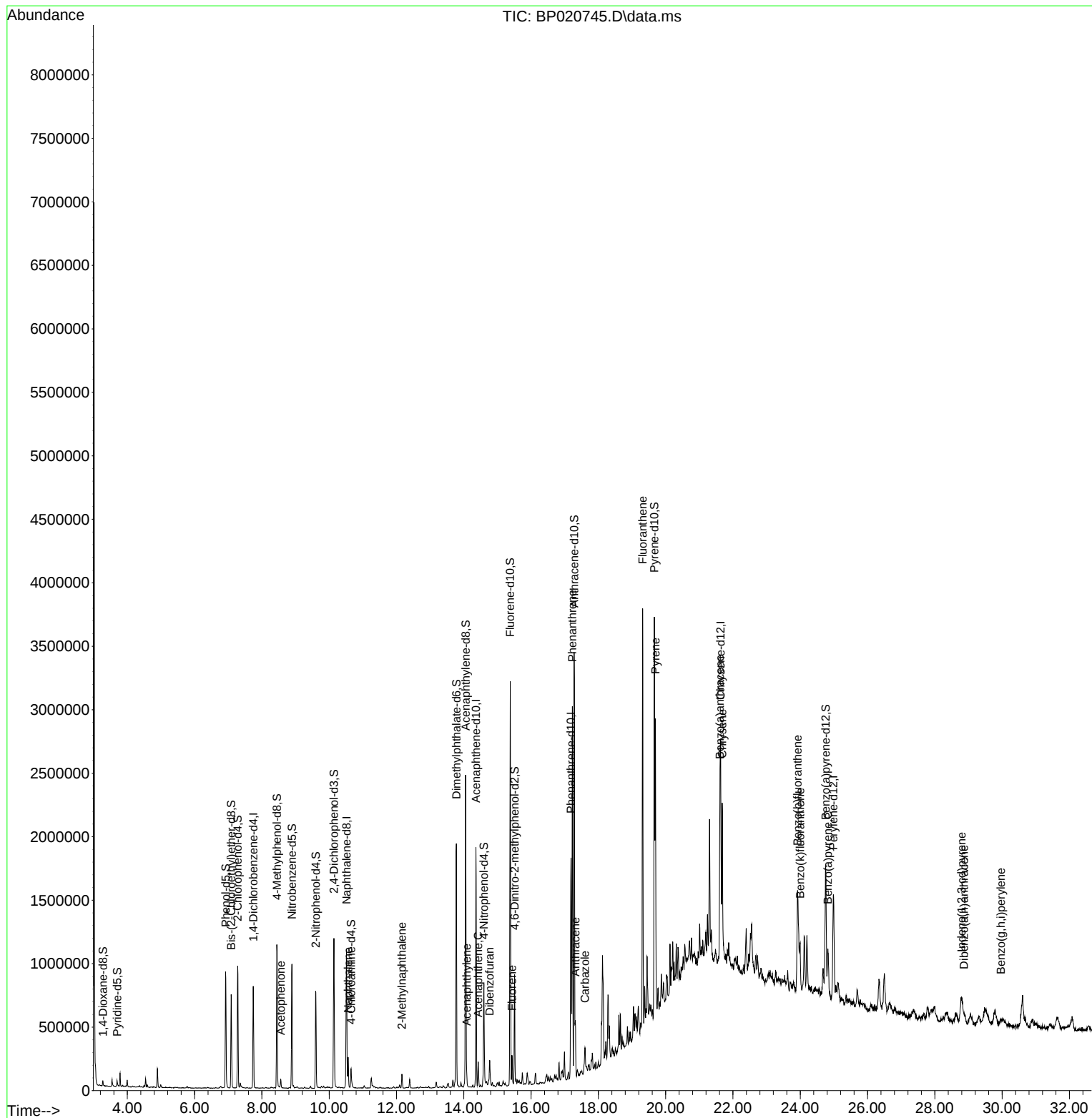
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020745.D
Acq On : 02 Jul 2024 10:53
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ALS Vial : 35 Sample Multiplier: 1

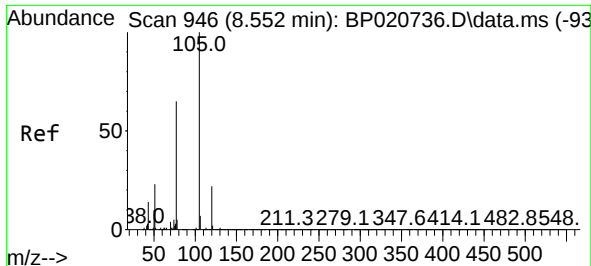
Instrument :
BNA_P
ClientSampleId :
A4CQ9

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

Quant Time: Jul 02 12:26:02 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
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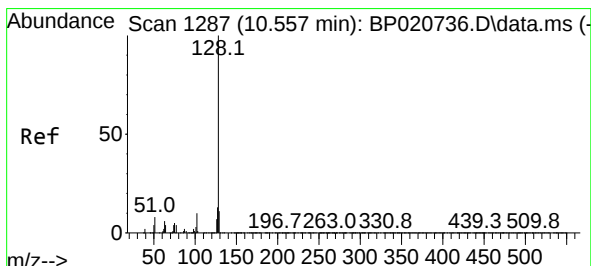
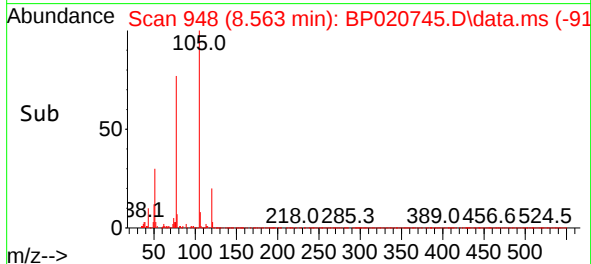
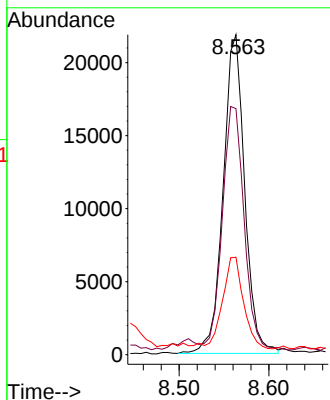
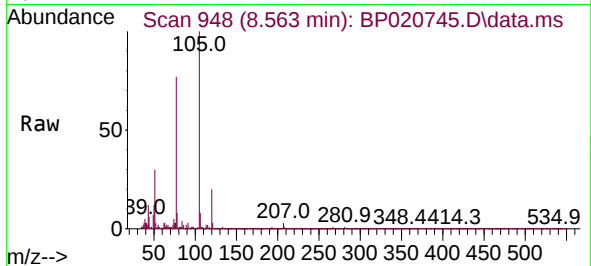
#16
Acetophenone
Concen: 1.500 ng/ul
RT: 8.563 min Scan# 946
Delta R.T. -0.000 min
Lab File: BP020745.D
Acq: 02 Jul 2024 10:53

Instrument :
BNA_P
ClientSampleId :
A4CQ9

Tgt Ion:105 Resp: 3637
Ion Ratio Lower Upper
105 100
77 76.9 62.2 93.4
51 30.4 23.6 35.4

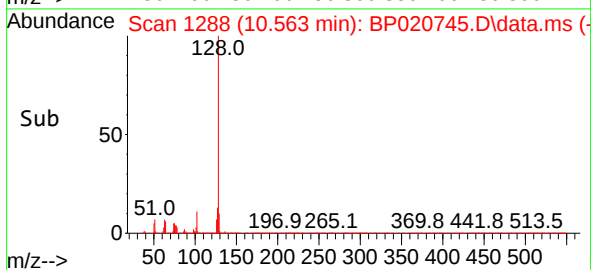
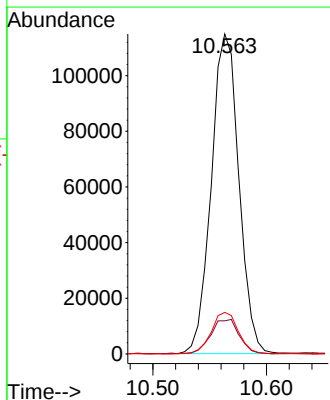
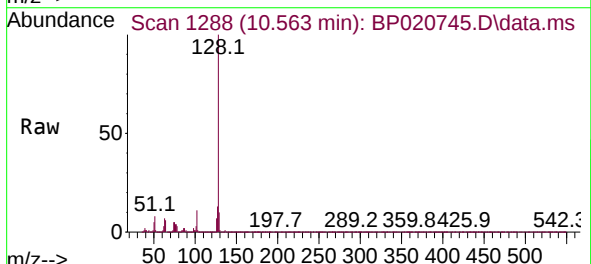
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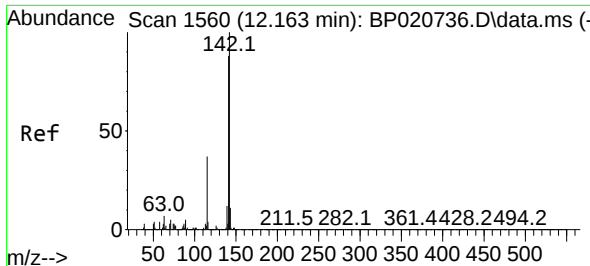
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#30
Naphthalene
Concen: 3.853 ng/ul
RT: 10.563 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP020745.D
Acq: 02 Jul 2024 10:53

Tgt Ion:128 Resp: 193828
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 13.0 10.6 15.8





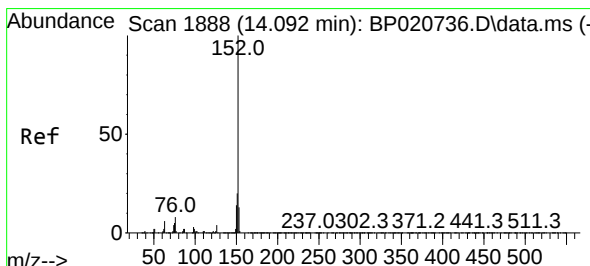
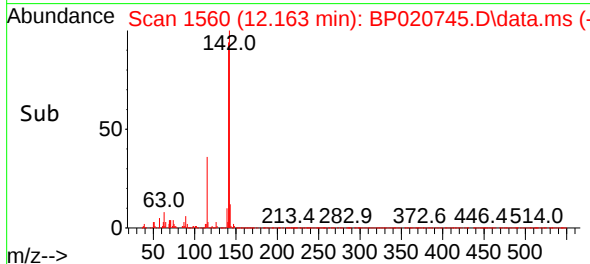
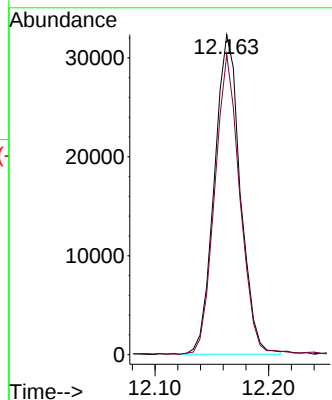
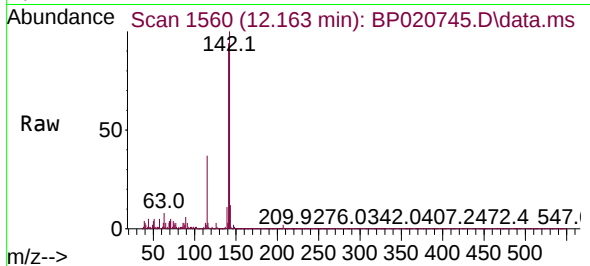
#36
2-Methylnaphthalene
Concen: 1.514 ng/ul
RT: 12.163 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BP020745.D
Acq: 02 Jul 2024 10:53

Instrument :
BNA_P
ClientSampleId :
A4CQ9

Tgt Ion:142 Resp: 51029
Ion Ratio Lower Upper
142 100
141 93.8 71.1 106.7

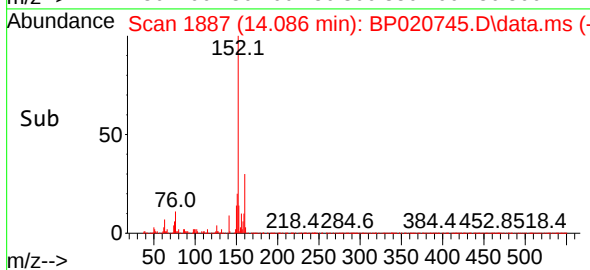
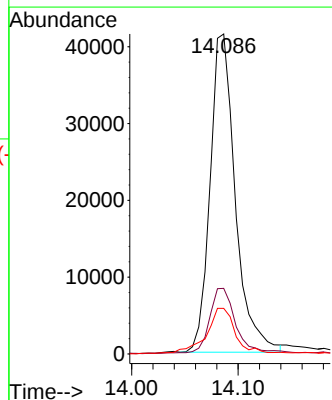
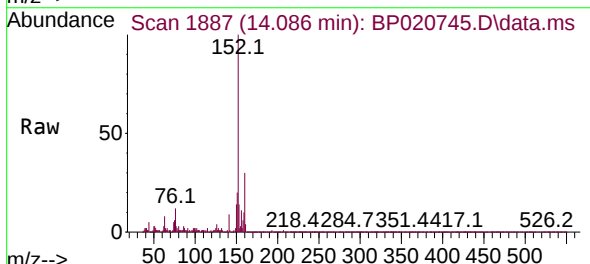
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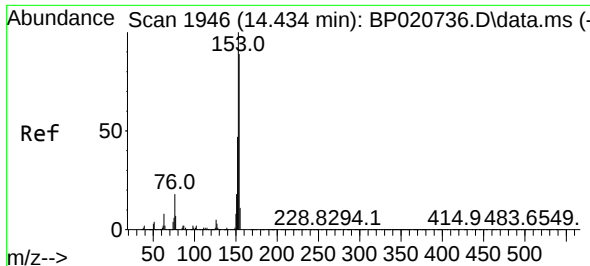
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#50
Acenaphthylene
Concen: 1.181 ng/ul
RT: 14.086 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BP020745.D
Acq: 02 Jul 2024 10:53

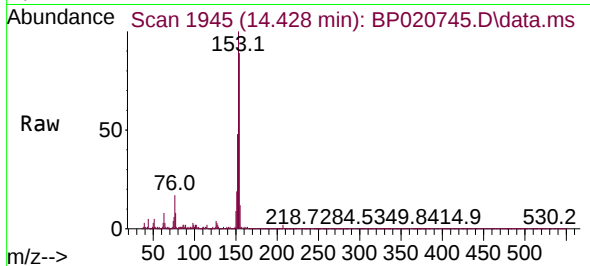
Tgt Ion:152 Resp: 68153
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 14.3 10.8 16.2





#52
Acenaphthene
Concen: 2.177 ng/ul
RT: 14.428 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BP020745.D
Acq: 02 Jul 2024 10:53

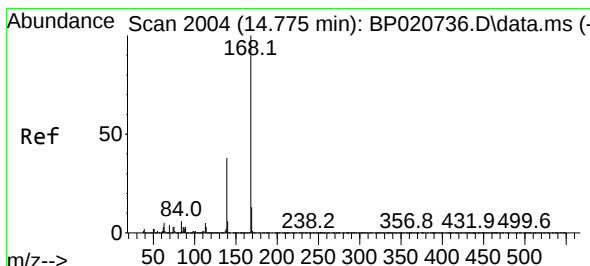
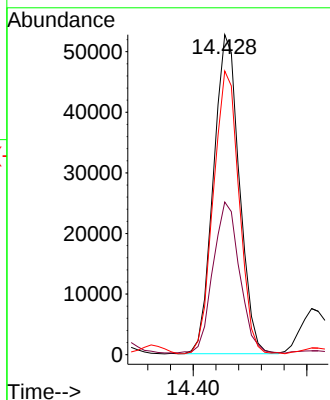
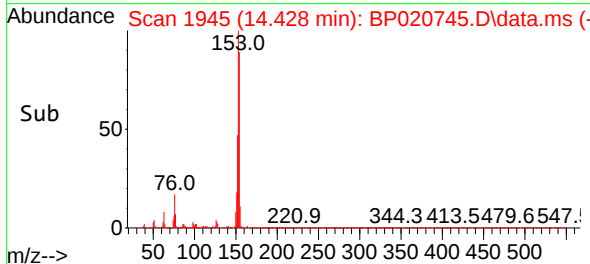
Instrument :
BNA_P
ClientSampleId :
A4CQ9



Tgt Ion:153 Resp: 83329
Ion Ratio Lower Upper
153 100
152 47.7 38.2 57.2
154 88.6 69.8 104.6

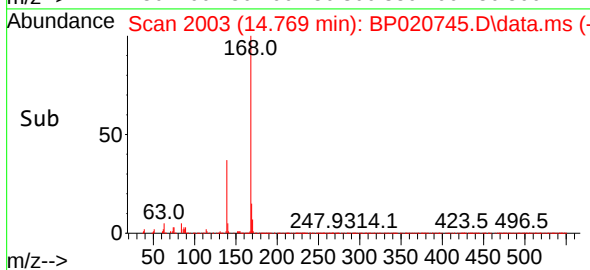
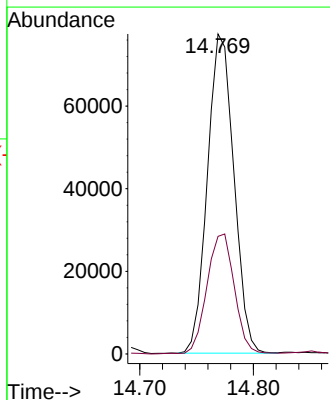
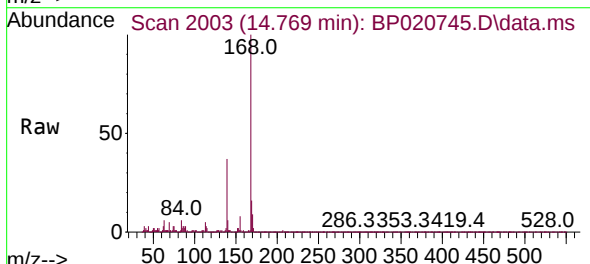
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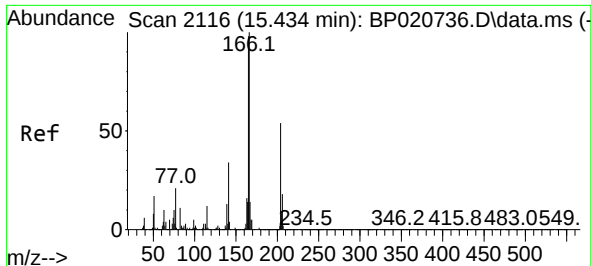
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#56
Dibenzofuran
Concen: 2.423 ng/ul
RT: 14.769 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BP020745.D
Acq: 02 Jul 2024 10:53

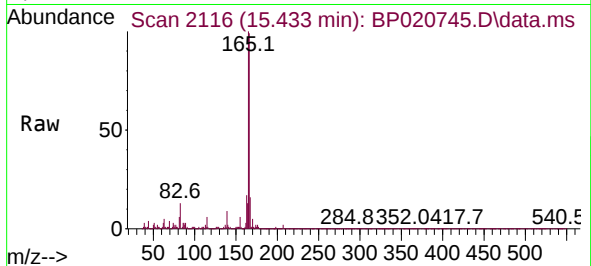
Tgt Ion:168 Resp: 125013
Ion Ratio Lower Upper
168 100
139 36.8 30.7 46.1





#61
Fluorene
Concen: 2.320 ng/ul
RT: 15.433 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BP020745.D
Acq: 02 Jul 2024 10:53

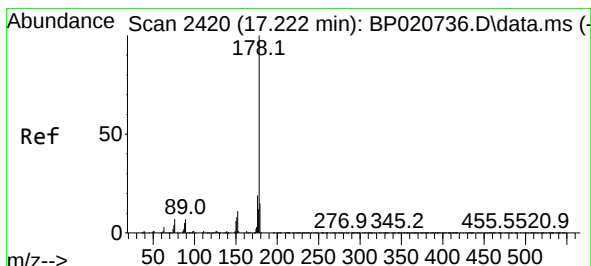
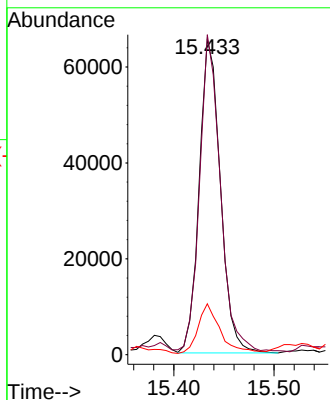
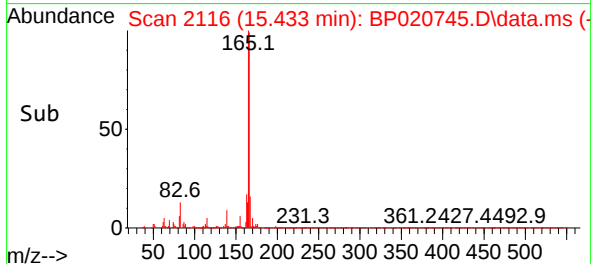
Instrument :
BNA_P
ClientSampleId :
A4CQ9



Tgt Ion:166 Resp: 96174
Ion Ratio Lower Upper
166 100
165 101.4 78.8 118.2
167 16.1 11.2 16.8

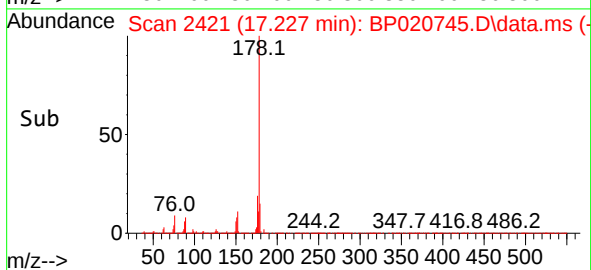
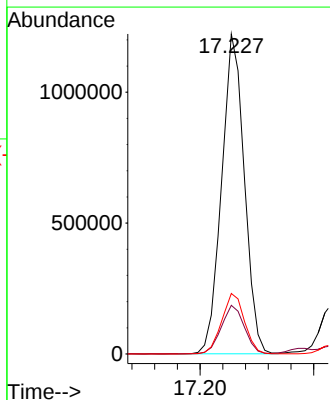
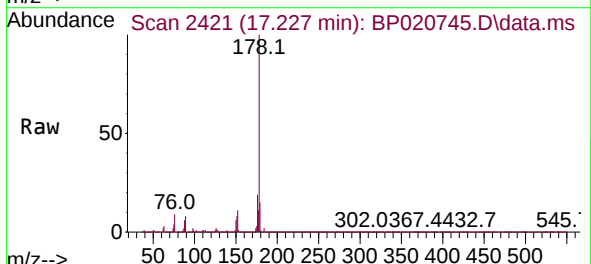
Manual Integrations
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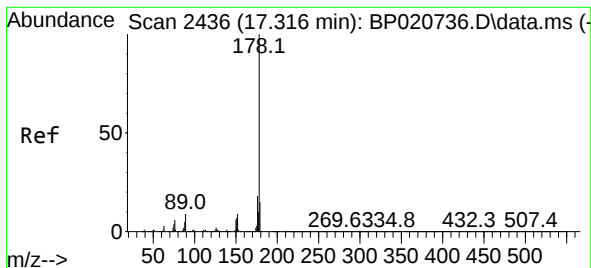
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#72
Phenanthrene
Concen: 26.572 ng/ul
RT: 17.227 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BP020745.D
Acq: 02 Jul 2024 10:53

Tgt Ion:178 Resp: 1693894
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 18.9 15.4 23.2





#74

Anthracene

Concen: 4.292 ng/ul

RT: 17.316 min Scan# 2436

Delta R.T. -0.000 min

Lab File: BP020745.D

Acq: 02 Jul 2024 10:53

Instrument :

BNA_P

ClientSampleId :

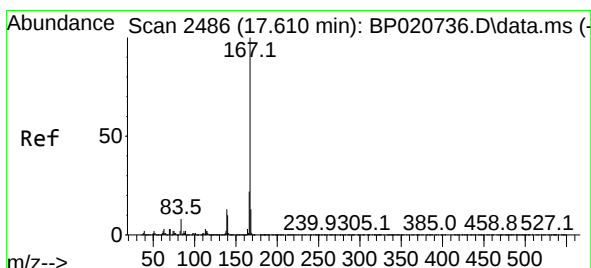
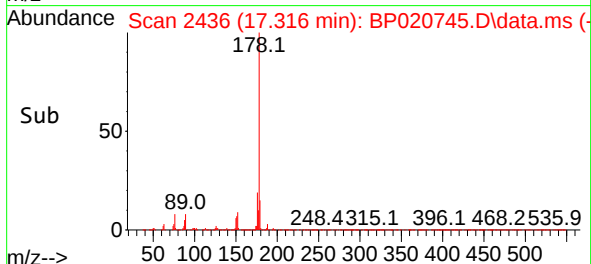
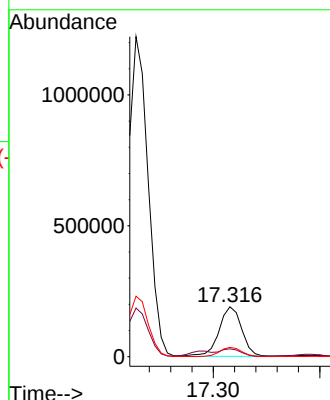
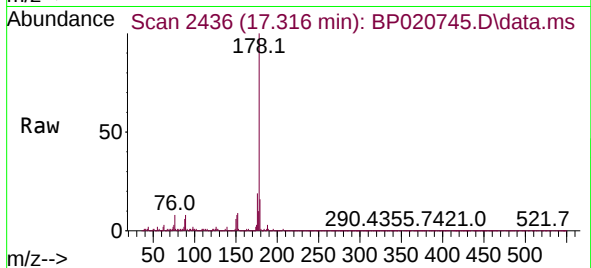
A4CQ9

Tgt Ion:178	Resp: 28143
Ion Ratio	Lower Upper
178 100	
179 15.6	12.1 18.1
176 18.7	15.0 22.4

Manual Integrations

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#77

Carbazole

Concen: 2.750 ng/ul

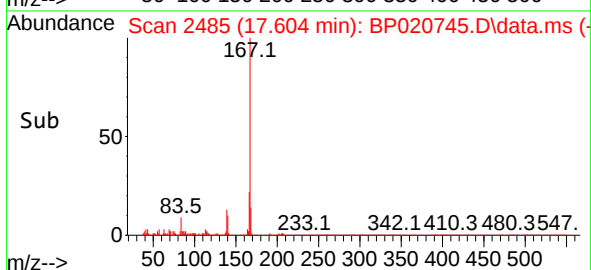
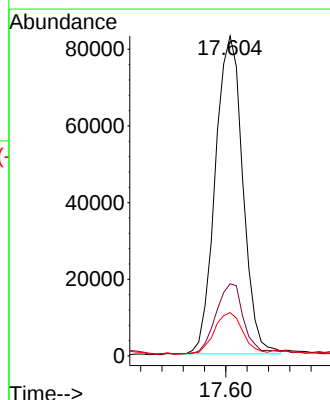
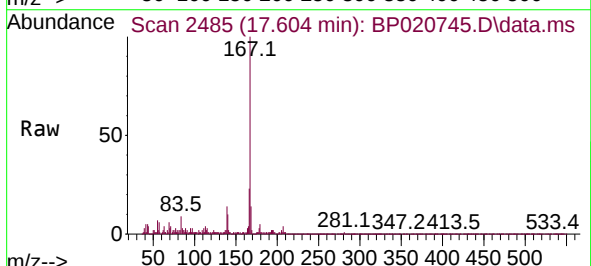
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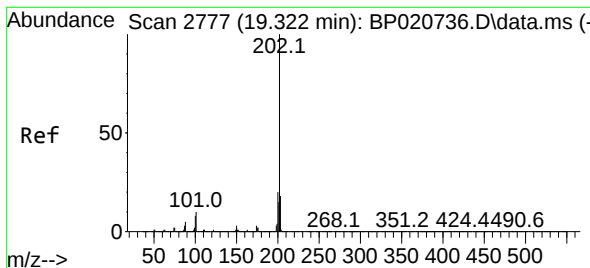
Delta R.T. -0.000 min

Lab File: BP020745.D

Acq: 02 Jul 2024 10:53

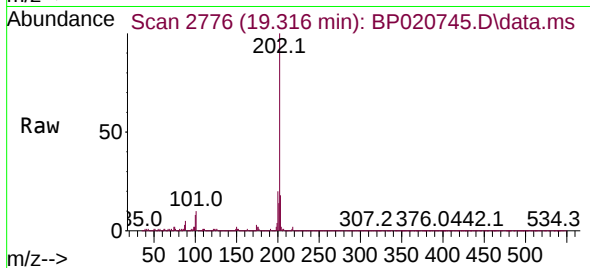
Tgt Ion:167	Resp: 148811
Ion Ratio	Lower Upper
167 100	
166 22.6	17.2 25.8
139 13.5	10.6 16.0





#80
Fluoranthene
Concen: 34.779 ng/ul
RT: 19.316 min Scan# 2776
Delta R.T. -0.006 min
Lab File: BP020745.D
Acq: 02 Jul 2024 10:53

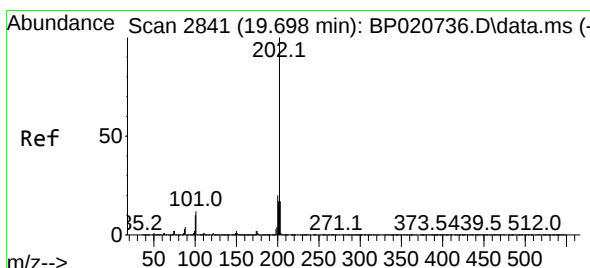
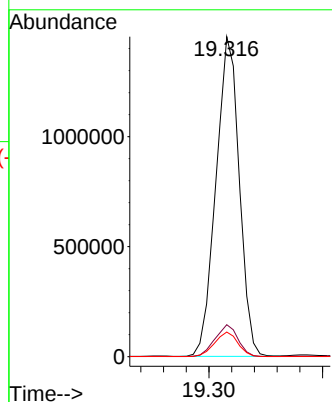
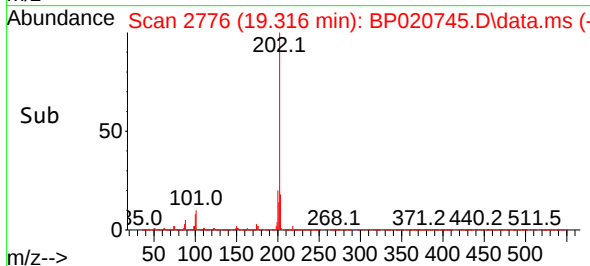
Instrument :
BNA_P
ClientSampleId :
A4CQ9



Tgt Ion:202 Resp: 207312
Ion Ratio Lower Upper
202 100
101 10.0 8.2 12.4
100 7.7 6.6 10.0

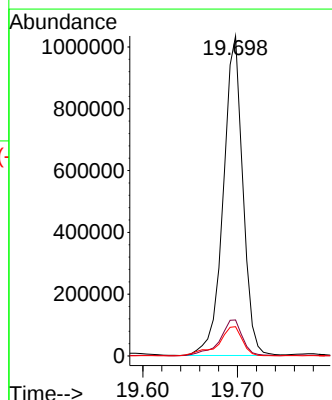
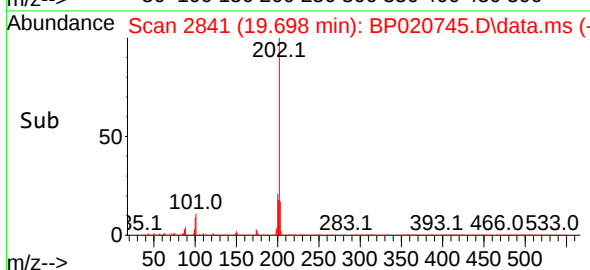
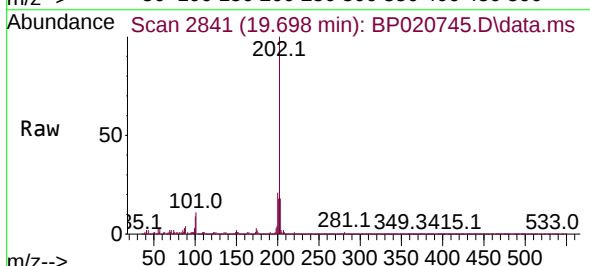
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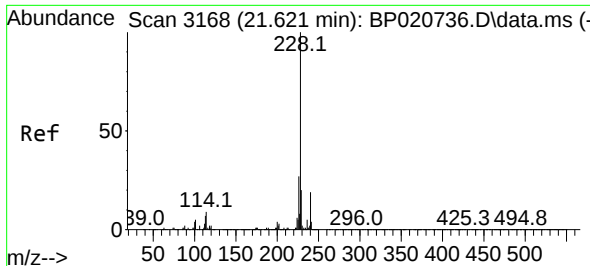
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#82
Pyrene
Concen: 24.232 ng/ul
RT: 19.698 min Scan# 2841
Delta R.T. -0.000 min
Lab File: BP020745.D
Acq: 02 Jul 2024 10:53

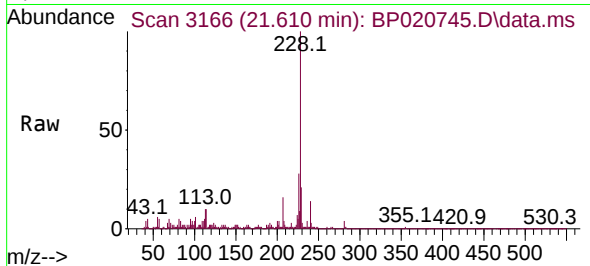
Tgt Ion:202 Resp: 1481344
Ion Ratio Lower Upper
202 100
101 11.3 9.8 14.8
100 9.2 7.9 11.9





#85
Benzo(a)anthracene
Concen: 14.057 ng/ul
RT: 21.610 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BP020745.D
Acq: 02 Jul 2024 10:53

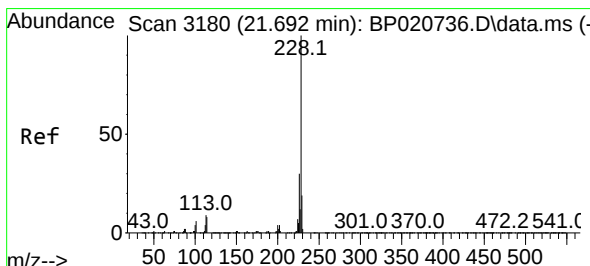
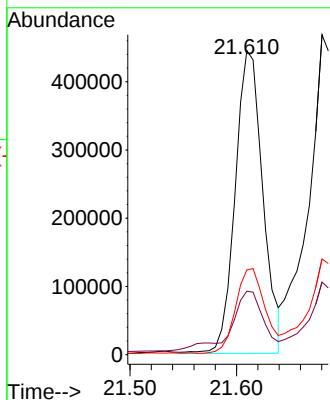
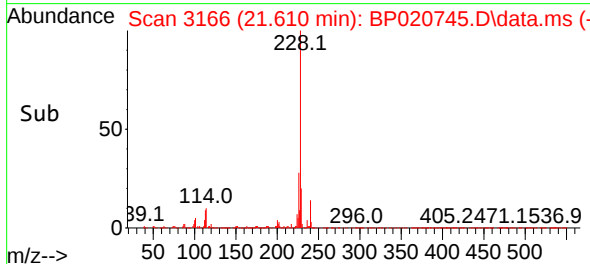
Instrument :
BNA_P
ClientSampleId :
A4CQ9



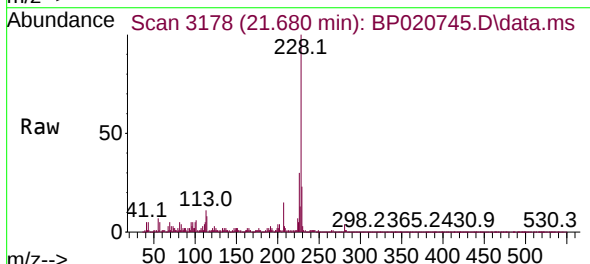
Tgt Ion:228 Resp: 800311
Ion Ratio Lower Upper
228 100
229 20.9 15.2 22.8
226 27.9 21.1 31.7

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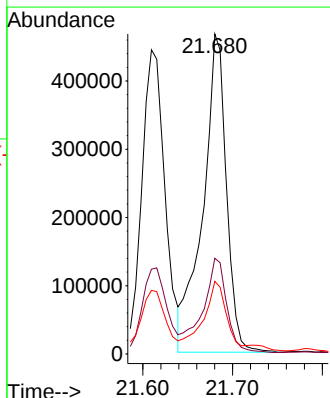
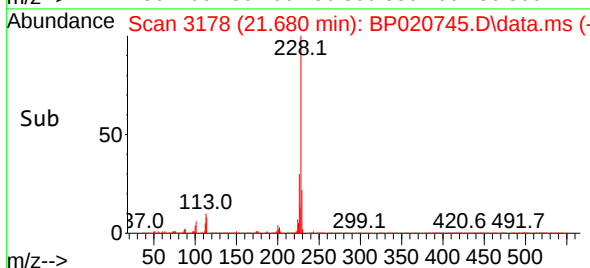
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

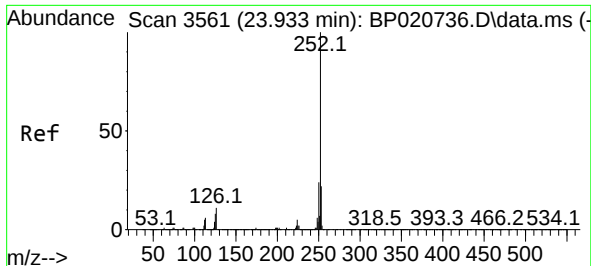


#87
Chrysene
Concen: 15.774 ng/ul
RT: 21.680 min Scan# 3178
Delta R.T. -0.012 min
Lab File: BP020745.D
Acq: 02 Jul 2024 10:53



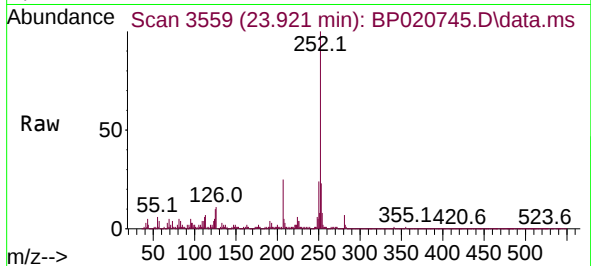
Tgt Ion:228 Resp: 848874
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.6
229 22.7 16.1 24.1





#90
Benzo(b)fluoranthene
Concen: 17.394 ng/ul
RT: 23.921 min Scan# 3559
Delta R.T. -0.018 min
Lab File: BP020745.D
Acq: 02 Jul 2024 10:53

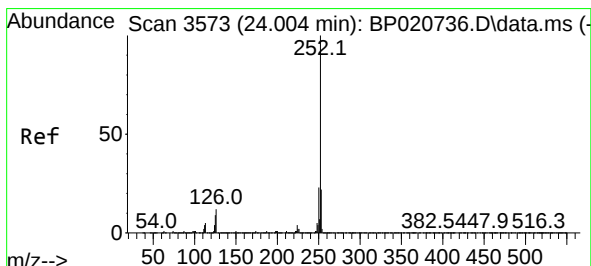
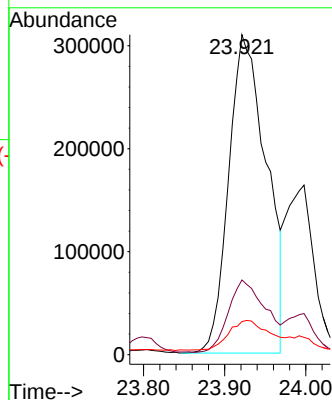
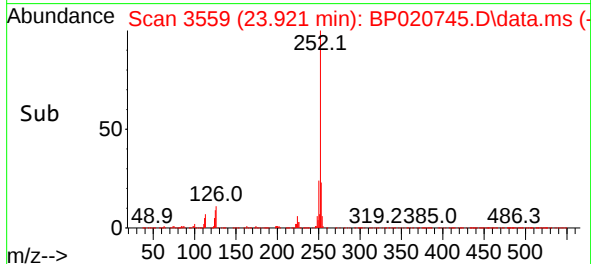
Instrument :
BNA_P
ClientSampleId :
A4CQ9



Tgt Ion:252 Resp: 994739
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 10.3 7.9 11.9

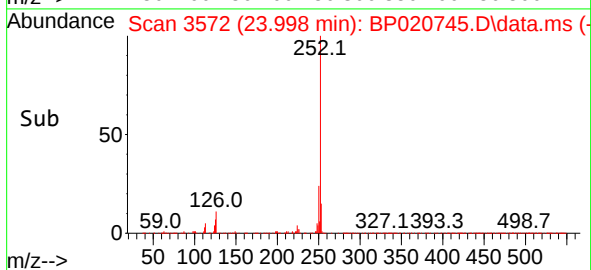
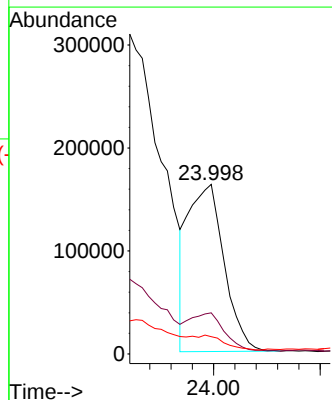
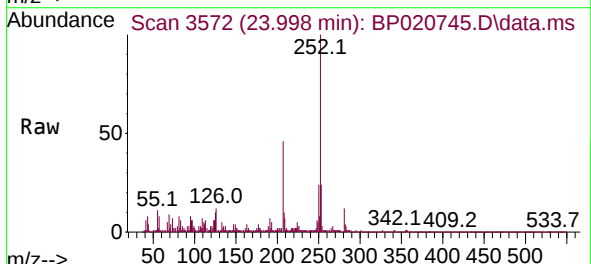
Manual Integrations
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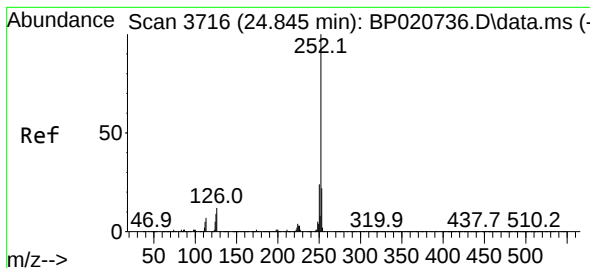
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#91
Benzo(k)fluoranthene
Concen: 6.588 ng/ul
RT: 23.998 min Scan# 3572
Delta R.T. -0.006 min
Lab File: BP020745.D
Acq: 02 Jul 2024 10:53

Tgt Ion:252 Resp: 381106
Ion Ratio Lower Upper
252 100
253 24.3 17.6 26.4
125 10.2 7.9 11.9





#93

Benzo(a)pyrene

Concen: 8.294 ng/ul

RT: 24.821 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP020745.D

Acq: 02 Jul 2024 10:53

Instrument :

BNA_P

ClientSampleId :

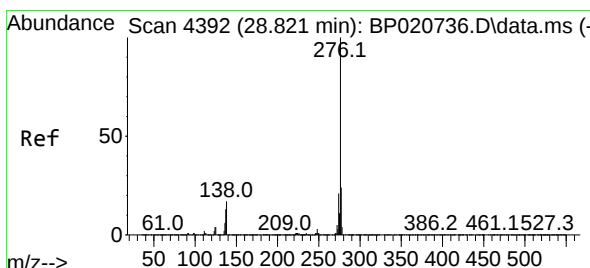
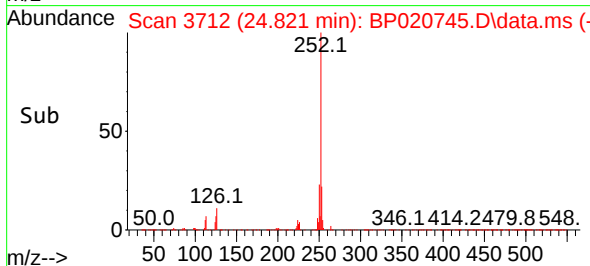
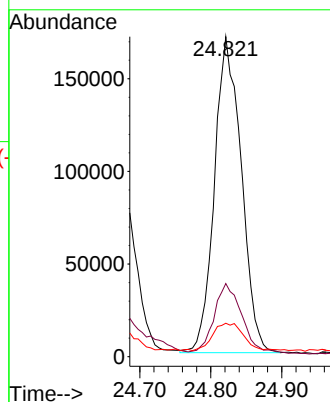
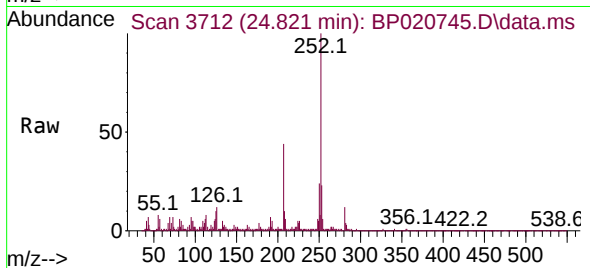
A4CQ9

Tgt Ion:252 Resp: 447775
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.4 26.2
 125 10.5 8.7 13.1

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.894 ng/ul

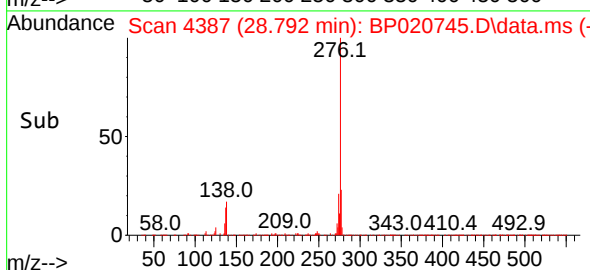
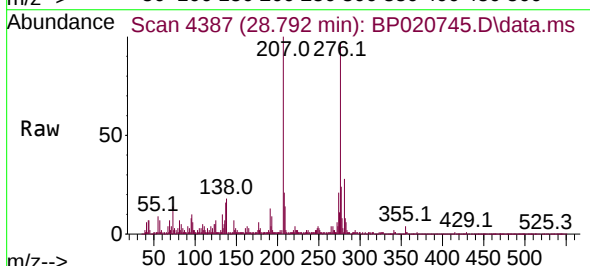
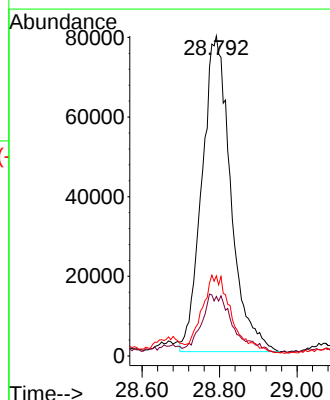
RT: 28.792 min Scan# 4387

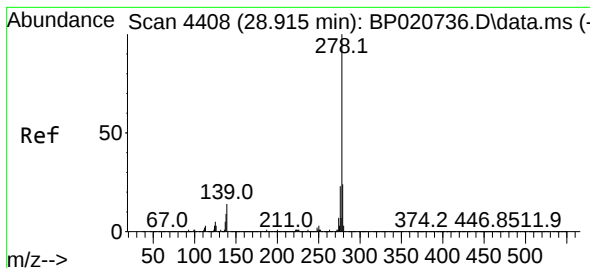
Delta R.T. -0.024 min

Lab File: BP020745.D

Acq: 02 Jul 2024 10:53

Tgt Ion:276 Resp: 408107
 Ion Ratio Lower Upper
 276 100
 138 18.6 15.2 22.8
 277 25.0 19.0 28.4





#95

Dibenzo(a,h)anthracene

Concen: 2.574 ng/ul m

RT: 28.862 min Scan# 41

Delta R.T. -0.035 min

Lab File: BP020745.D

Acq: 02 Jul 2024 10:53

Instrument :

BNA_P

ClientSampleId :

A4CQ9

Tgt Ion:278 Resp: 14646

Ion Ratio Lower Upper

278 100

139 19.1 11.1 16.7

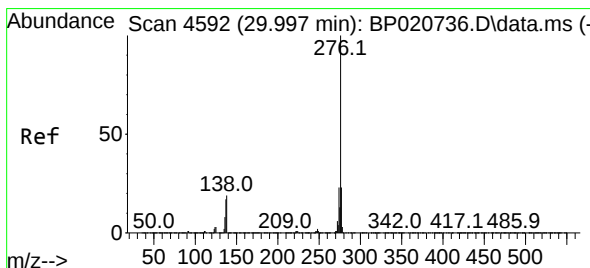
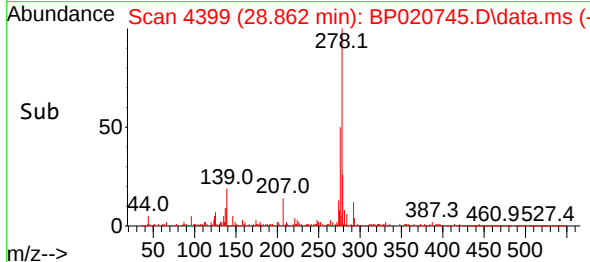
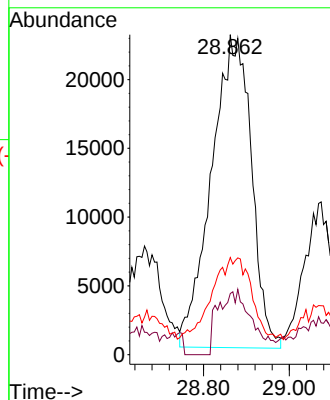
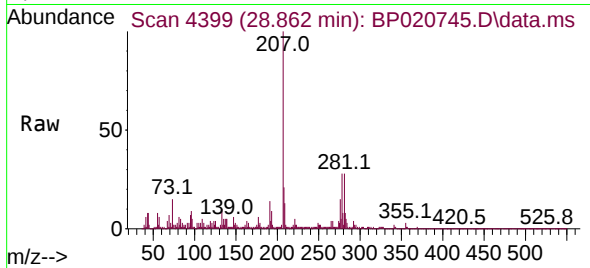
279 30.4 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024

Supervised By :mohammad ahmed 07/04/2024



#96

Benzo(g,h,i)perylene

Concen: 1.042 ng/ul m

RT: 29.962 min Scan# 4586

Delta R.T. -0.041 min

Lab File: BP020745.D

Acq: 02 Jul 2024 10:53

Tgt Ion:276 Resp: 58908

Ion Ratio Lower Upper

276 100

138 21.7 16.4 24.6

277 27.9 18.7 28.1

