

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020755.D
 Acq On : 02 Jul 2024 17:59
 Operator : MA/JU
 Sample : P2962-07DL 5X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0T79DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 18:49:24 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	235751	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.516	136	1005614	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.363	164	670937	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.181	188	1328417	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	957653	20.000	ng/u1	0.00
88) Perylene-d12	24.992	264	1080251	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	5176	0.943	ng/uL	0.00
4) Pyridine-d5	3.693	84	77968	4.873	ng/u1	0.00
7) Phenol-d5	6.928	99	112274	5.806	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	69892	5.702	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.281	132	94365	5.971	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	95769	6.098	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	47028	6.334	ng/u1	0.00
24) 2-Nitrophenol-d4	9.599	143	50070	6.739	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	94915	6.202	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	132374	6.172	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	335386	7.189	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	373039	6.702	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	26506m	3.719	ng/u1	0.01
60) Fluorene-d10	15.369	176	283155	7.213	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.498	200	18225	2.722	ng/u1	0.00
73) Anthracene-d10	17.275	188	405508	6.802	ng/u1	0.00
81) Pyrene-d10	19.663	212	418768	7.279	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.762	264	358082	6.814	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.557	128	1260048	23.410	ng/u1	99
36) 2-Methylnaphthalene	12.169	142	371896	10.315	ng/u1	99
37) 1-Methylnaphthalene	12.387	142	215492	5.846	ng/u1	99
50) Acenaphthylene	14.087	152	263295	4.187	ng/u1	99
61) Fluorene	15.422	166	121789	2.697	ng/u1	98
72) Phenanthrene	17.222	178	581787	8.363	ng/u1	99
74) Anthracene	17.310	178	149897	2.095	ng/u1	99
80) Fluoranthene	19.316	202	200858	2.858	ng/u1	97
82) Pyrene	19.692	202	305693	4.241	ng/u1	100
85) Benzo(a)anthracene	21.621	228	93346m	1.391	ng/u1	
87) Chrysene	21.686	228	80861	1.274	ng/u1	98
93) Benzo(a)pyrene	24.827	252	67331	1.090	ng/u1	96

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

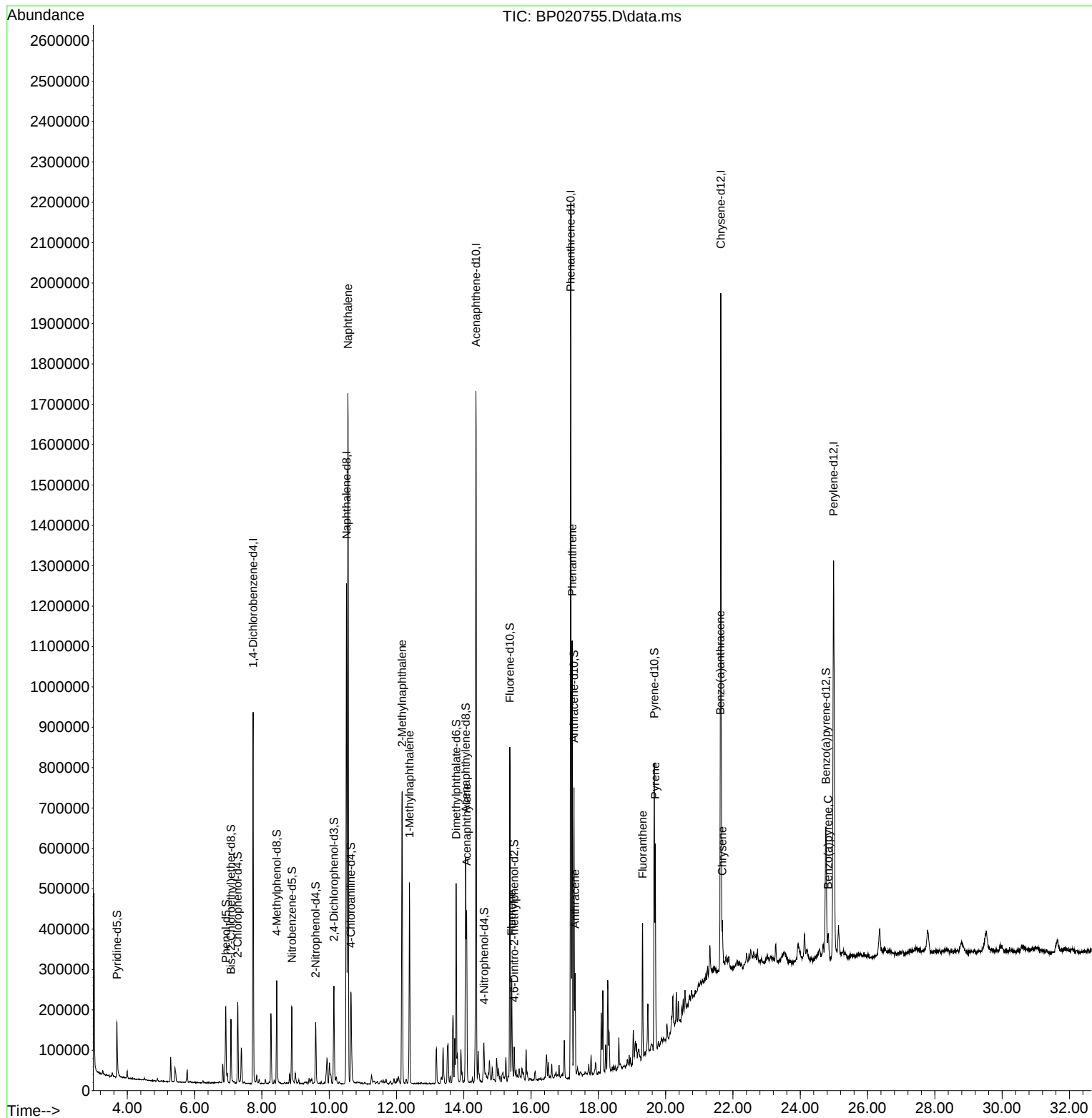
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020755.D
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 Operator : MA/JU
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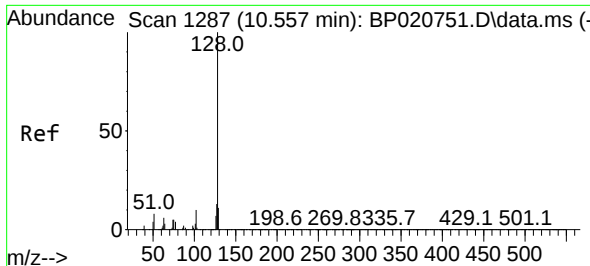
Instrument :
 BNA_P
 ClientSampleId :
 C0T79DL

Quant Time: Jul 02 18:49:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
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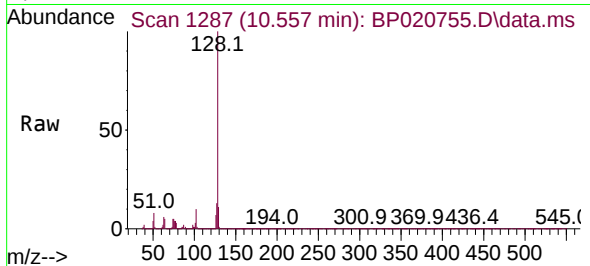
Reviewed By :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024





#30
Naphthalene
Concen: 23.410 ng/ul
RT: 10.557 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BP020755.D
Acq: 02 Jul 2024 17:59

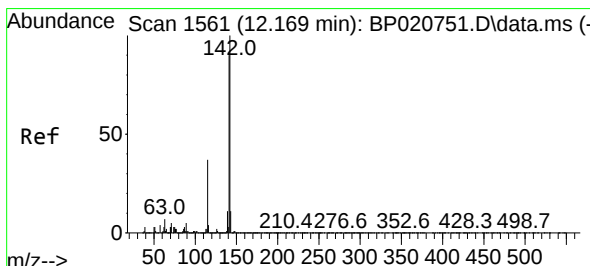
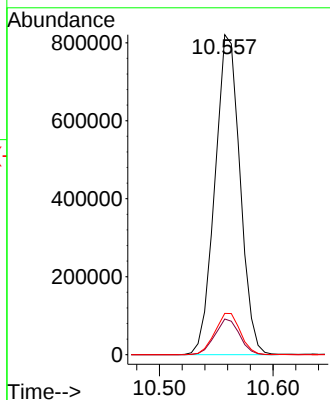
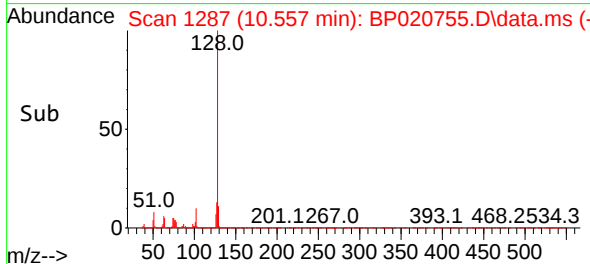
Instrument :
BNA_P
ClientSampleId :
C0T79DL



Tgt Ion:128 Resp: 1260048
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 12.9 10.6 15.8

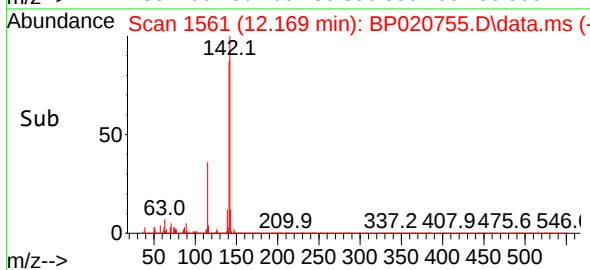
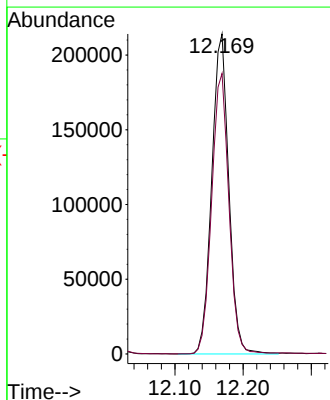
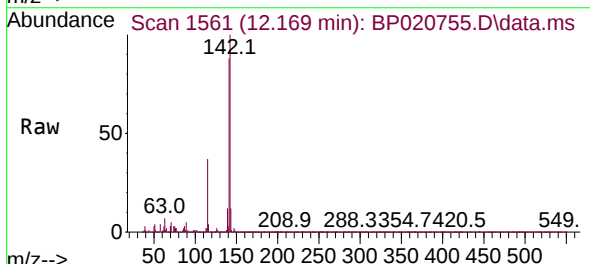
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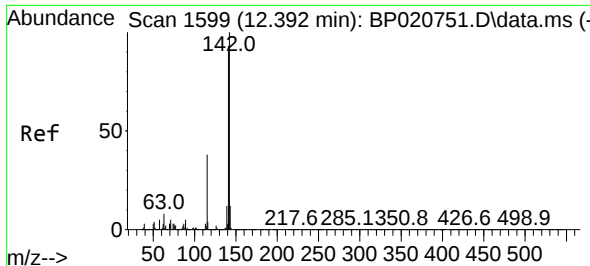
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#36
2-Methylnaphthalene
Concen: 10.315 ng/ul
RT: 12.169 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BP020755.D
Acq: 02 Jul 2024 17:59

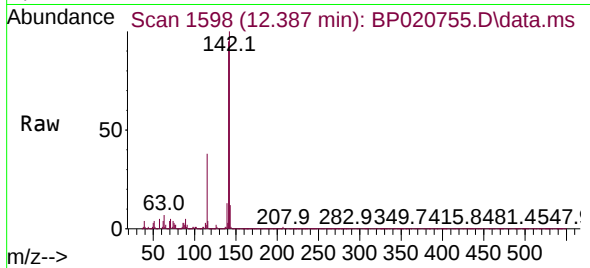
Tgt Ion:142 Resp: 371896
Ion Ratio Lower Upper
142 100
141 87.7 71.1 106.7





#37
1-Methylnaphthalene
Concen: 5.846 ng/ul
RT: 12.387 min Scan# 1599
Delta R.T. -0.018 min
Lab File: BP020755.D
Acq: 02 Jul 2024 17:59

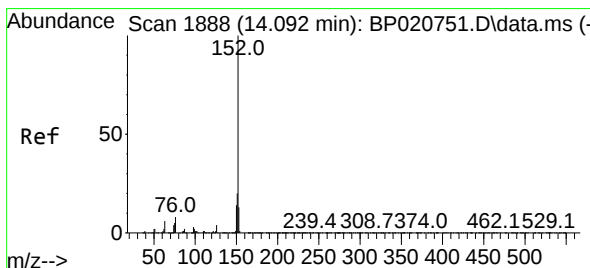
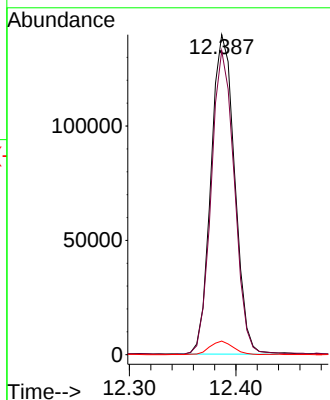
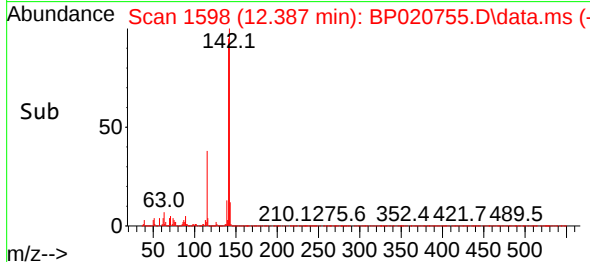
Instrument :
BNA_P
ClientSampleId :
C0T79DL



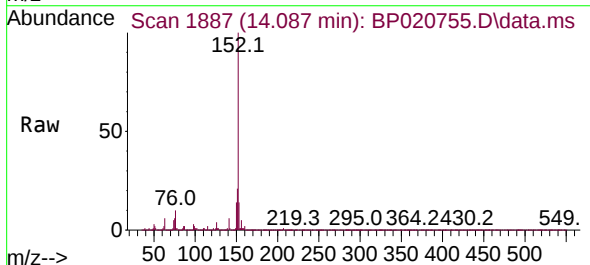
Tgt Ion:142 Resp: 215492
Ion Ratio Lower Upper
142 100
141 95.0 74.9 112.3
116 4.3 3.3 4.9

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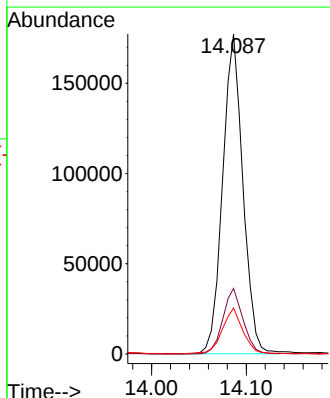
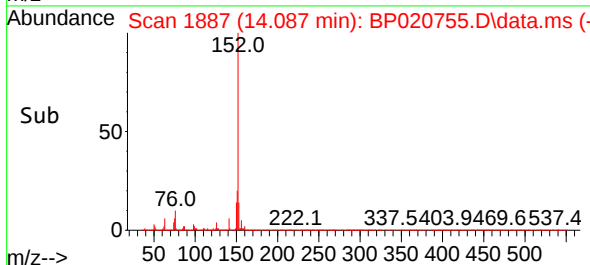
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

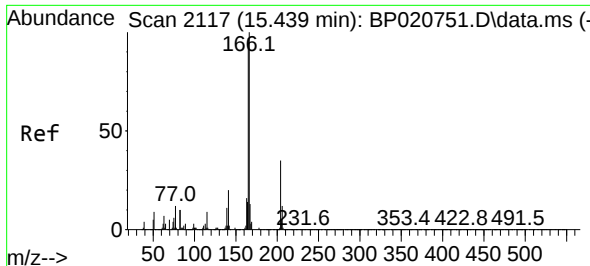


#50
Acenaphthylene
Concen: 4.187 ng/ul
RT: 14.087 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BP020755.D
Acq: 02 Jul 2024 17:59



Tgt Ion:152 Resp: 263295
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 14.4 10.8 16.2





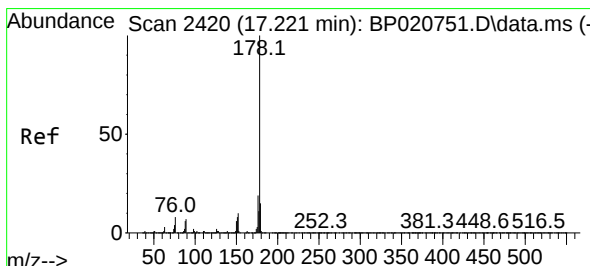
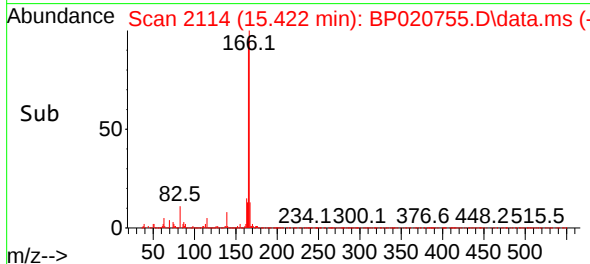
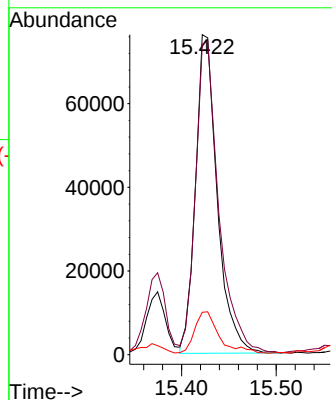
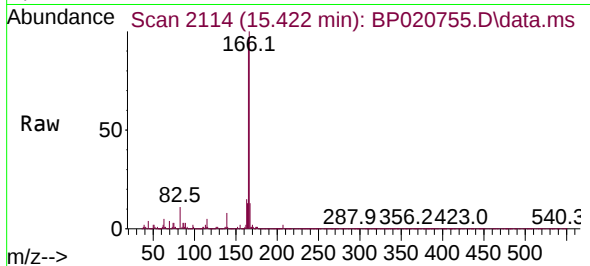
#61
Fluorene
Concen: 2.697 ng/ul
RT: 15.422 min Scan# 2114
Delta R.T. -0.012 min
Lab File: BP020755.D
Acq: 02 Jul 2024 17:59

Instrument :
BNA_P
ClientSampleId :
C0T79DL

Tgt Ion:166 Resp: 121789
Ion Ratio Lower Upper
166 100
165 97.0 78.8 118.2
167 13.2 11.2 16.8

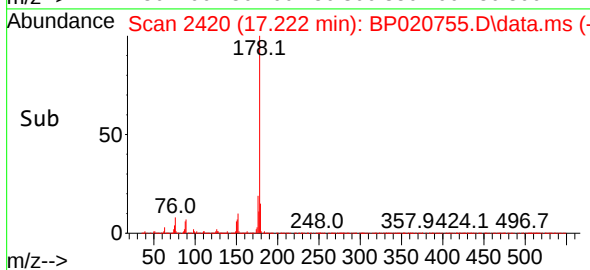
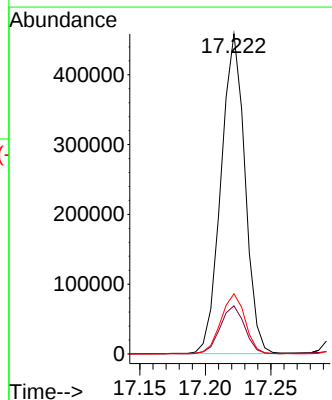
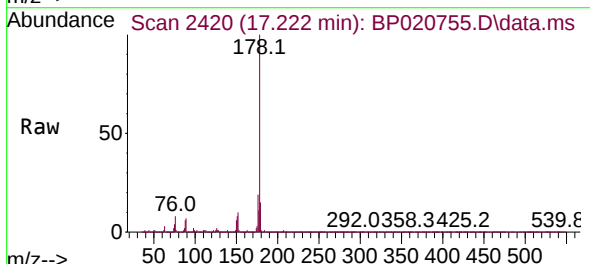
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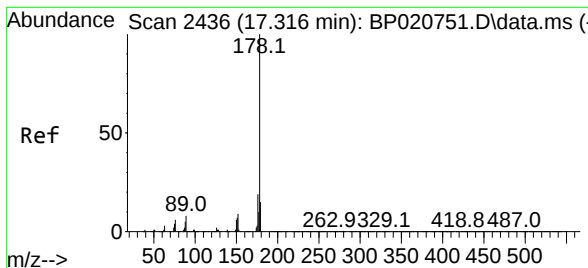
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#72
Phenanthrene
Concen: 8.363 ng/ul
RT: 17.222 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP020755.D
Acq: 02 Jul 2024 17:59

Tgt Ion:178 Resp: 581787
Ion Ratio Lower Upper
178 100
179 15.0 12.4 18.6
176 18.8 15.4 23.2





#74

Anthracene

Concen: 2.095 ng/ul

RT: 17.310 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BP020755.D

Acq: 02 Jul 2024 17:59

Instrument :

BNA_P

ClientSampleId :

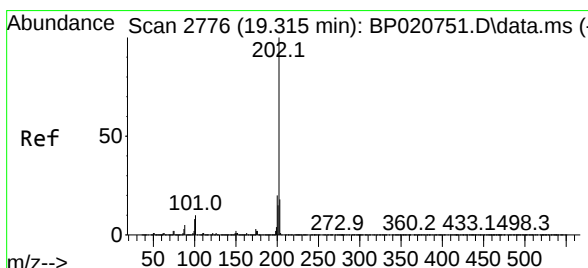
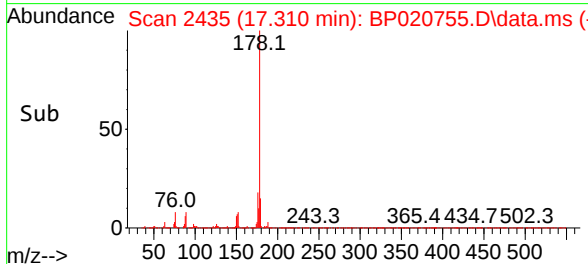
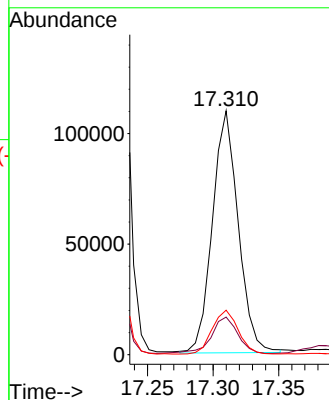
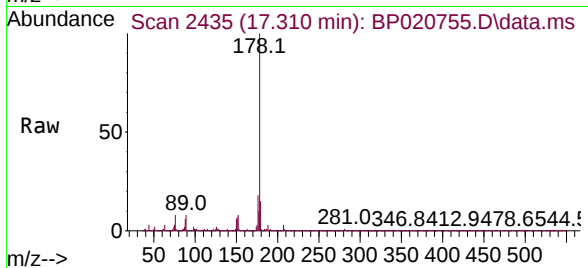
C0T79DL

Tgt Ion:	178	Resp:	14989
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.1	18.1
176	18.3	15.0	22.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#80

Fluoranthene

Concen: 2.858 ng/ul

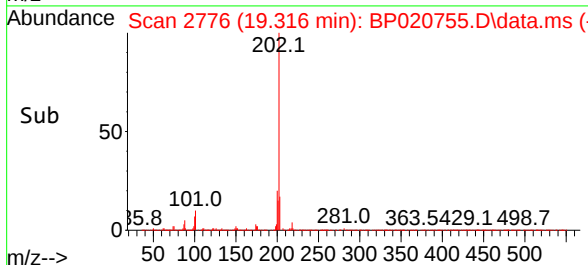
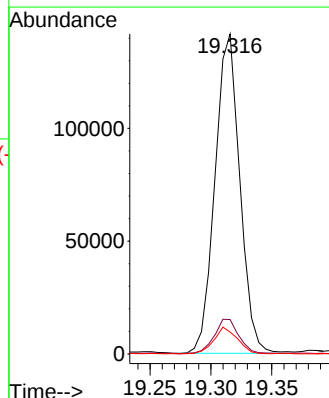
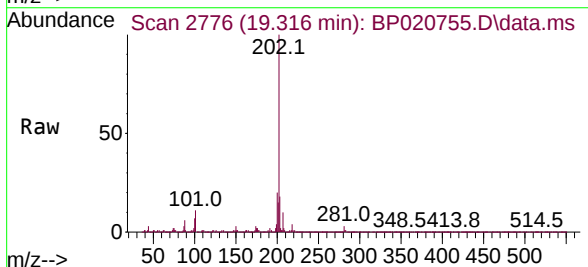
RT: 19.316 min Scan# 2776

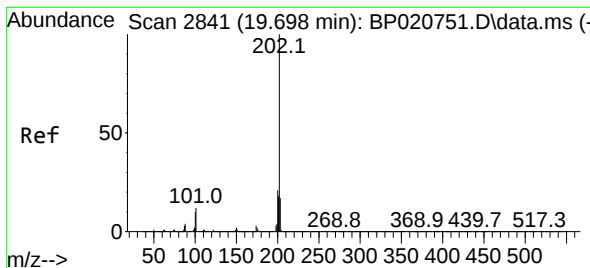
Delta R.T. -0.006 min

Lab File: BP020755.D

Acq: 02 Jul 2024 17:59

Tgt Ion:	202	Resp:	200858
Ion Ratio	Lower	Upper	
202	100		
101	10.8	8.2	12.4
100	6.8	6.6	10.0





#82

Pyrene

Concen: 4.241 ng/ul

RT: 19.692 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020755.D

Acq: 02 Jul 2024 17:59

Instrument :

BNA_P

ClientSampleId :

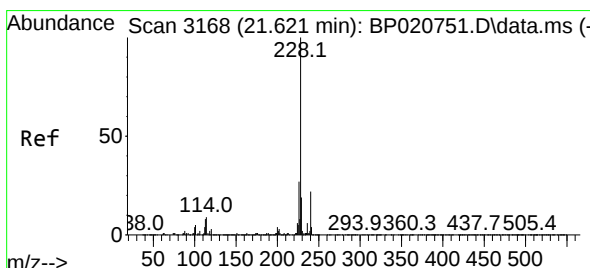
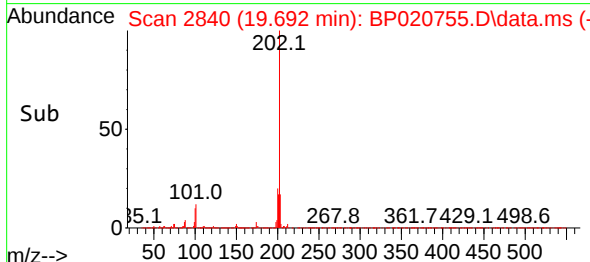
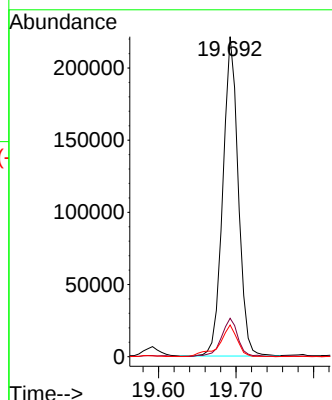
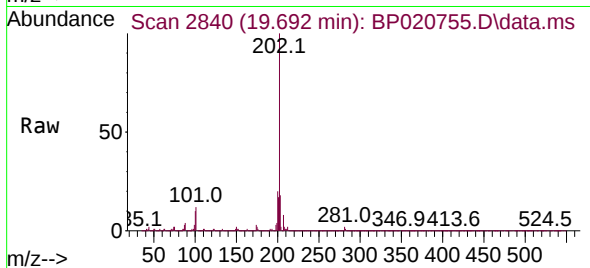
C0T79DL

Tgt Ion:	202	Resp:	30569
Ion Ratio	Lower	Upper	
202	100		
101	12.0	9.8	14.8
100	9.9	7.9	11.9

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2024



#85

Benzo(a)anthracene

Concen: 1.391 ng/ul m

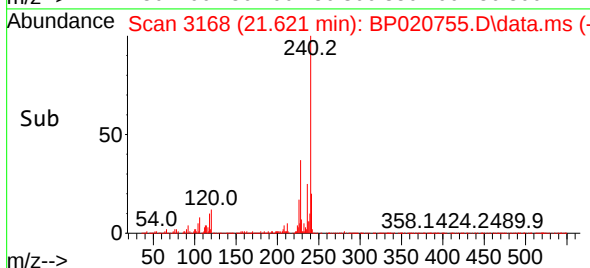
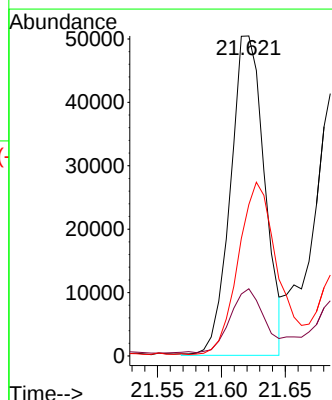
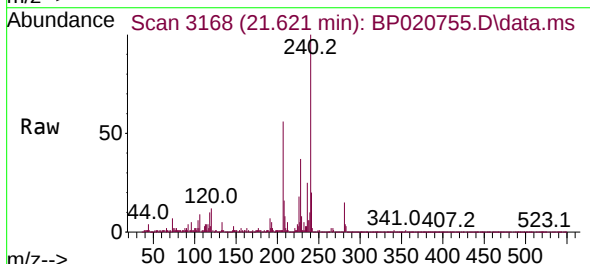
RT: 21.621 min Scan# 3168

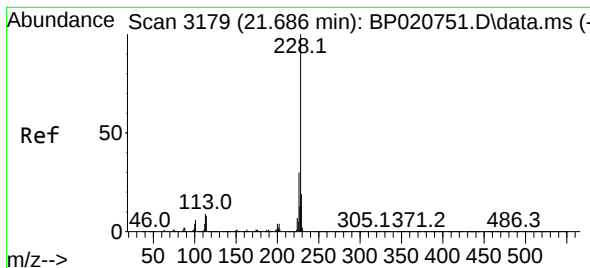
Delta R.T. 0.000 min

Lab File: BP020755.D

Acq: 02 Jul 2024 17:59

Tgt Ion:	228	Resp:	93346
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.2	22.8
226	47.3	21.1	31.7#





#87

Chrysene

Concen: 1.274 ng/ul

RT: 21.686 min Scan# 3179

Delta R.T. -0.006 min

Lab File: BP020755.D

Acq: 02 Jul 2024 17:59

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ClientSampleId :

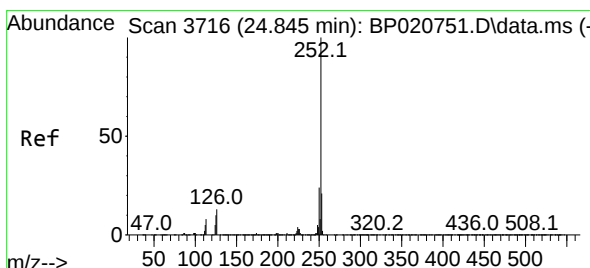
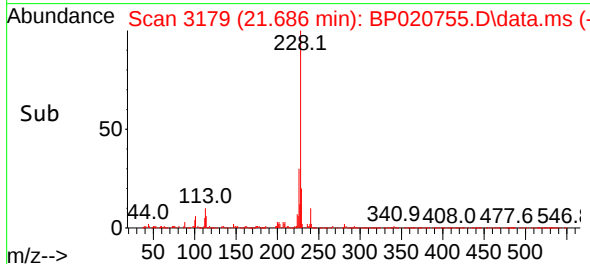
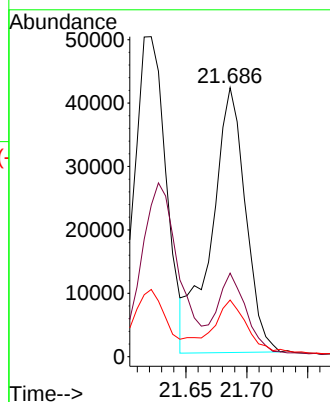
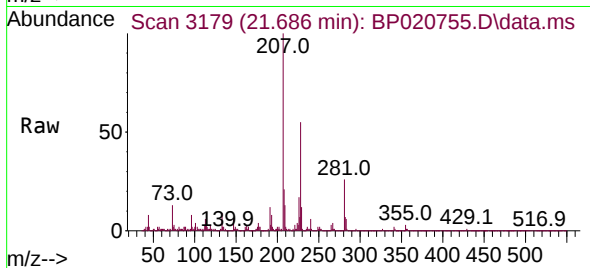
C0T79DL

Tgt Ion:	228	Resp:	8086
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.8	35.6
229	21.1	16.1	24.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#93

Benzo(a)pyrene

Concen: 1.090 ng/ul

RT: 24.827 min Scan# 3713

Delta R.T. -0.018 min

Lab File: BP020755.D

Acq: 02 Jul 2024 17:59

Tgt Ion:	252	Resp:	67331
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.4	26.2
125	12.0	8.7	13.1

