

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP020970.D
 Acq On : 15 Jul 2024 23:15
 Operator : MA/JU
 Sample : P3100-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4D07

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 01:19:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	221406	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	830459	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.304	164	459959	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.128	188	931547	20.000	ng/u1	0.01
79) Chrysene-d12	21.557	240	987845	20.000	ng/u1	0.00
88) Perylene-d12	24.851	264	1188115	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	16461	3.383	ng/uL	0.00
4) Pyridine-d5	3.681	84	15512m	1.101	ng/u1	0.03
7) Phenol-d5	6.899	99	380256	21.066	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	241546	22.081	ng/u1	0.01
11) 2-Chlorophenol-d4	7.240	132	324892	21.846	ng/u1	0.00
15) 4-Methylphenol-d8	8.410	113	297822	19.866	ng/u1	0.02
21) Nitrobenzene-d5	8.852	128	153664	23.823	ng/u1	0.02
24) 2-Nitrophenol-d4	9.557	143	171541	23.235	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.099	165	279700	20.952	ng/u1	0.01
31) 4-Chloroaniline-d4	10.610	131	131700m	7.447	ng/u1	0.02
46) Dimethylphthalate-d6	13.710	166	801909	23.983	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	903325	24.060	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.581	143	92174m	19.375	ng/u1	0.01
60) Fluorene-d10	15.316	176	667867	24.347	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	90655	16.084	ng/u1	0.00
73) Anthracene-d10	17.216	188	1015291	24.539	ng/u1	0.00
81) Pyrene-d10	19.604	212	1079354	17.673	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.627	264	868075	14.814	ng/u1	0.02
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.022	152	42609	1.002	ng/u1	97
72) Phenanthrene	17.169	178	286012	5.919	ng/u1	99
74) Anthracene	17.251	178	58196	1.181	ng/u1	99
80) Fluoranthene	19.257	202	629731	8.538	ng/u1	99
82) Pyrene	19.633	202	461507	6.149	ng/u1	97
85) Benzo(a)anthracene	21.539	228	343204	4.960	ng/u1	96
87) Chrysene	21.604	228	411827	6.405	ng/u1	95
90) Benzo(b)fluoranthene	23.816	252	535975	7.434	ng/u1	96
91) Benzo(k)fluoranthene	23.874	252	206936m	2.876	ng/u1	
93) Benzo(a)pyrene	24.698	252	176527	2.591	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	28.586	276	187475m	2.135	ng/u1	
95) Dibenzo(a,h)anthracene	28.674	278	76991m	1.059	ng/u1	

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

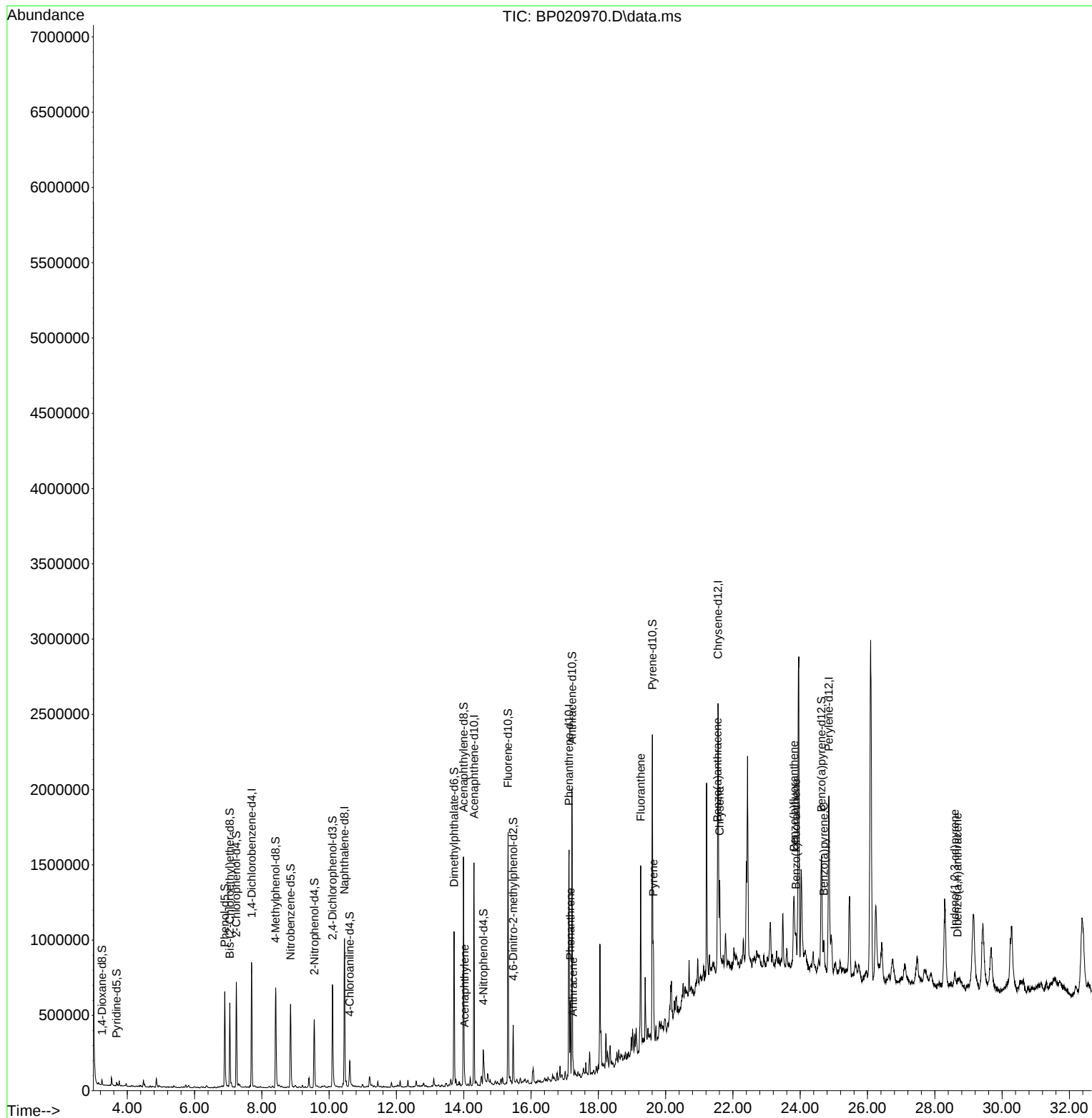
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP020970.D
Acq On : 15 Jul 2024 23:15
Operator : MA/JU
Sample : P3100-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

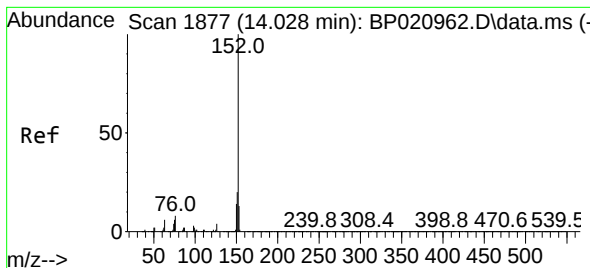
Instrument :
BNA_P
ClientSampleId :
A4D07

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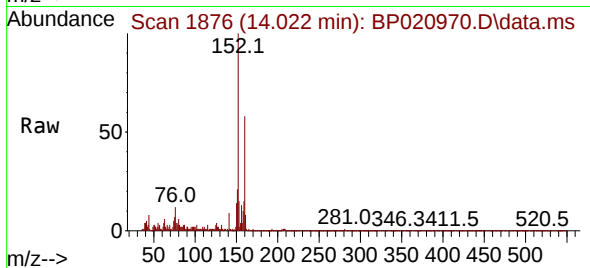
Quant Time: Jul 16 01:19:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.002 ng/ul
RT: 14.022 min Scan# 1877
Delta R.T. -0.006 min
Lab File: BP020970.D
Acq: 15 Jul 2024 23:15

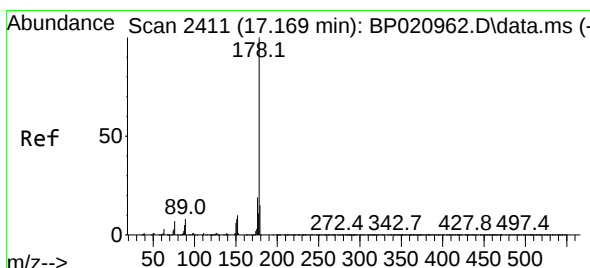
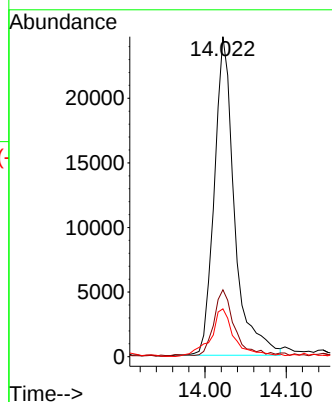
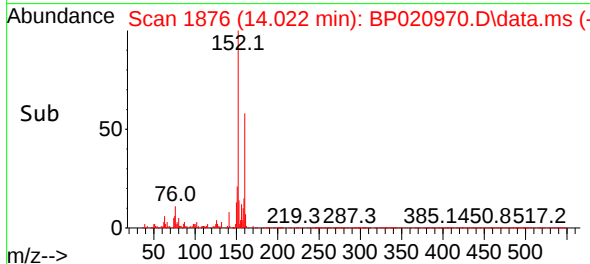
Instrument :
BNA_P
ClientSampleId :
A4D07



Tgt Ion:152 Resp: 42609
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.2
153 15.0 10.3 15.5

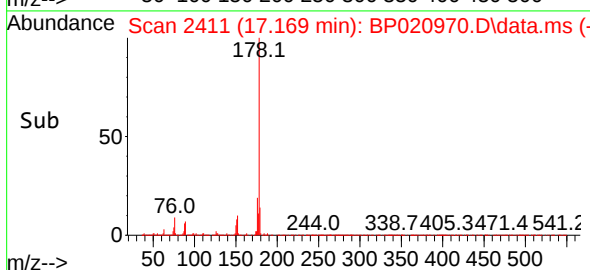
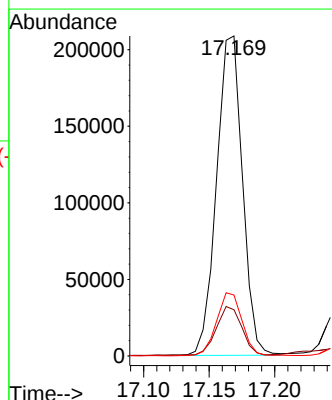
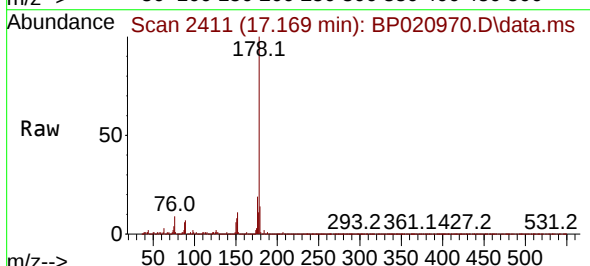
Manual Integrations
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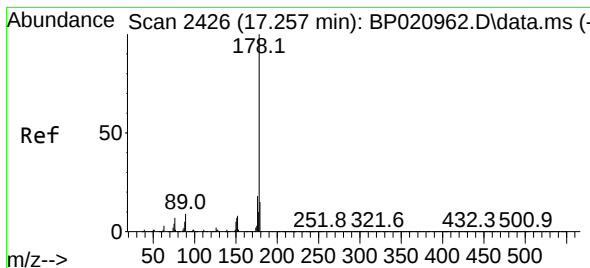
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#72
Phenanthrene
Concen: 5.919 ng/ul
RT: 17.169 min Scan# 2411
Delta R.T. 0.006 min
Lab File: BP020970.D
Acq: 15 Jul 2024 23:15

Tgt Ion:178 Resp: 286012
Ion Ratio Lower Upper
178 100
179 14.5 12.2 18.4
176 19.1 15.0 22.4





#74

Anthracene

Concen: 1.181 ng/ul

RT: 17.251 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BP020970.D

Acq: 15 Jul 2024 23:15

Instrument :

BNA_P

ClientSampleId :

A4D07

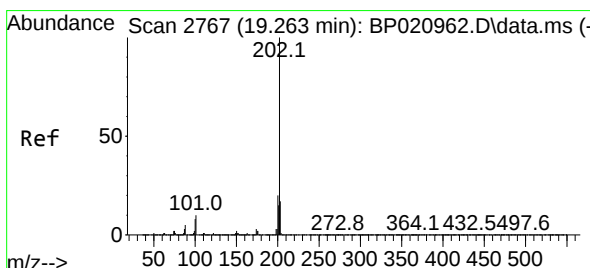
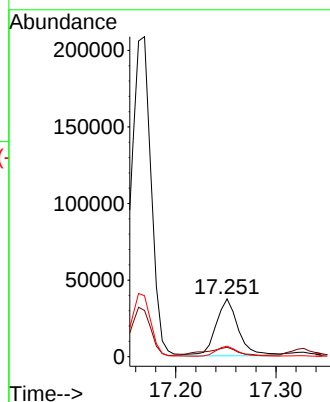
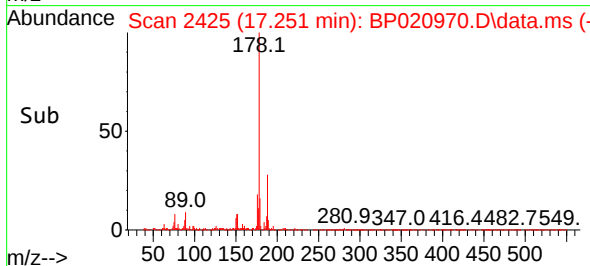
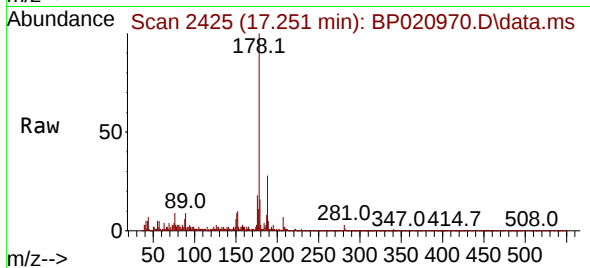
Tgt Ion:178	Resp:	58190
Ion Ratio	Lower	Upper
178	100	
179	16.3	12.5 18.7
176	18.4	14.8 22.2

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#80

Fluoranthene

Concen: 8.538 ng/ul

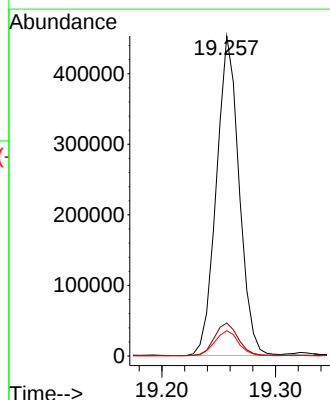
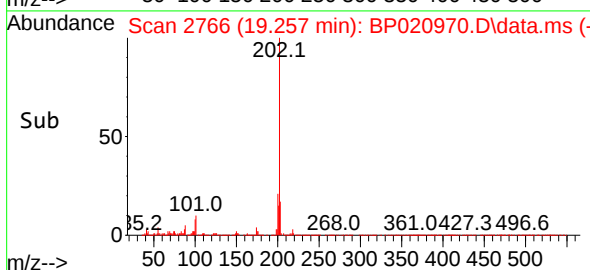
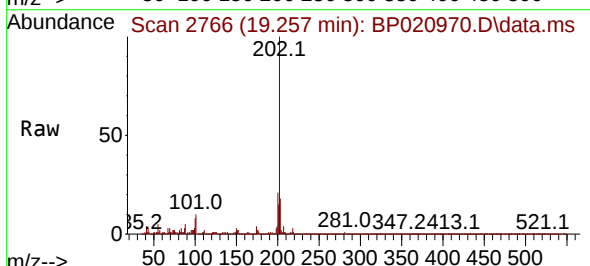
RT: 19.257 min Scan# 2766

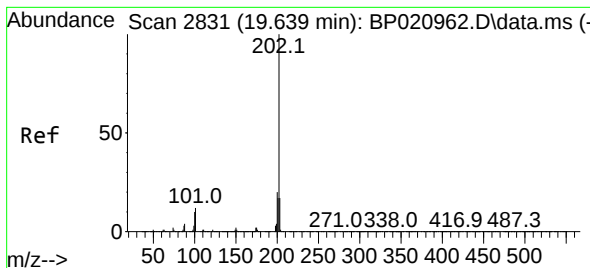
Delta R.T. 0.006 min

Lab File: BP020970.D

Acq: 15 Jul 2024 23:15

Tgt Ion:202	Resp:	629731
Ion Ratio	Lower	Upper
202	100	
101	10.3	8.0 12.0
100	7.9	6.1 9.1





#82

Pyrene

Concen: 6.149 ng/ul

RT: 19.633 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020970.D

Acq: 15 Jul 2024 23:15

Instrument :

BNA_P

ClientSampleId :

A4D07

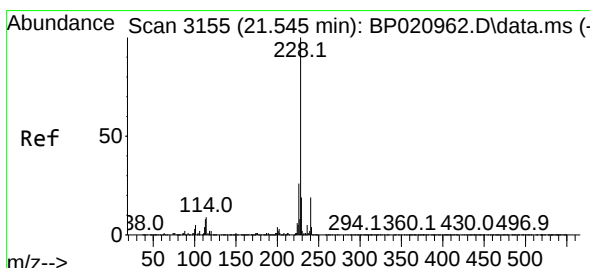
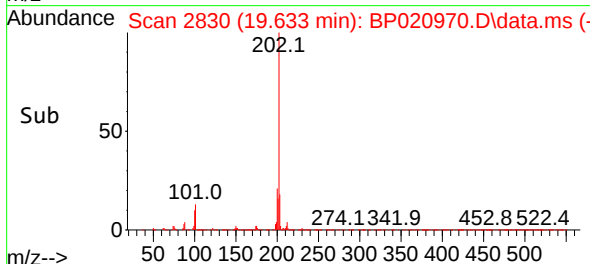
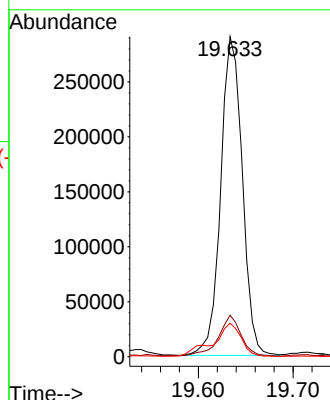
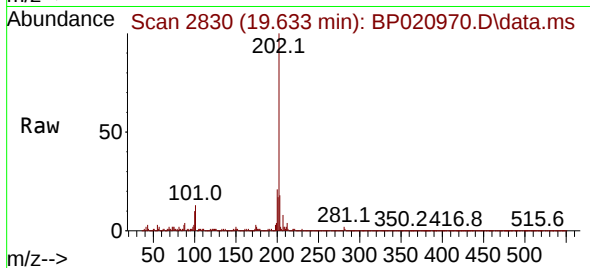
Tgt Ion:	202	Resp:	46150
Ion Ratio	Lower	Upper	
202	100		
101	12.9	9.4	14.2
100	10.4	7.8	11.6

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#85

Benzo(a)anthracene

Concen: 4.960 ng/ul

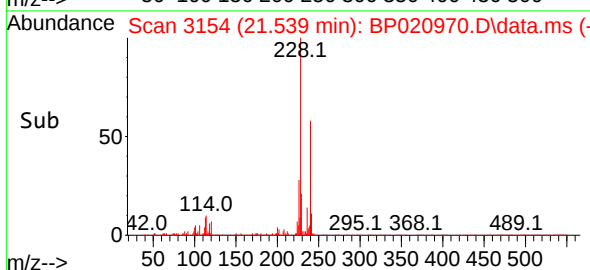
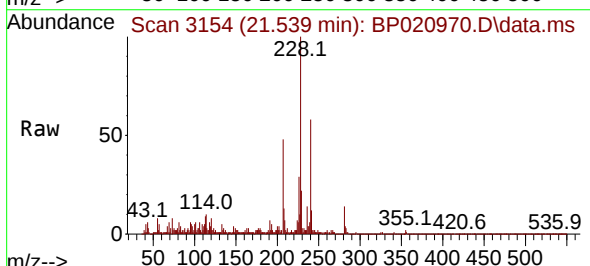
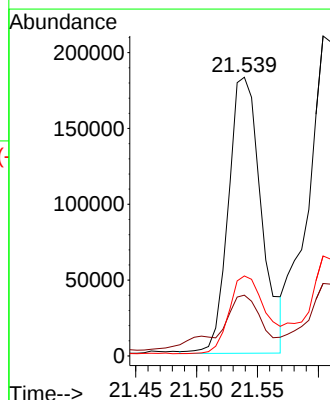
RT: 21.539 min Scan# 3154

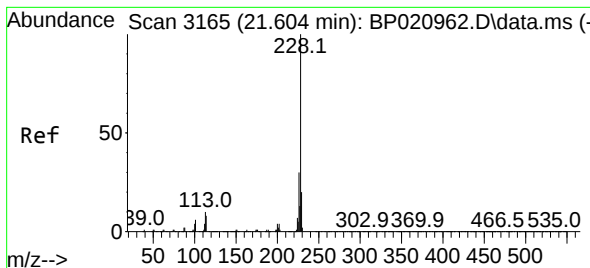
Delta R.T. 0.006 min

Lab File: BP020970.D

Acq: 15 Jul 2024 23:15

Tgt Ion:	228	Resp:	343204
Ion Ratio	Lower	Upper	
228	100		
229	21.8	15.5	23.3
226	28.7	21.4	32.2





#87

Chrysene

Concen: 6.405 ng/u1

RT: 21.604 min Scan# 3165

Delta R.T. 0.006 min

Lab File: BP020970.D

Acq: 15 Jul 2024 23:15

Instrument :

BNA_P

ClientSampleId :

A4D07

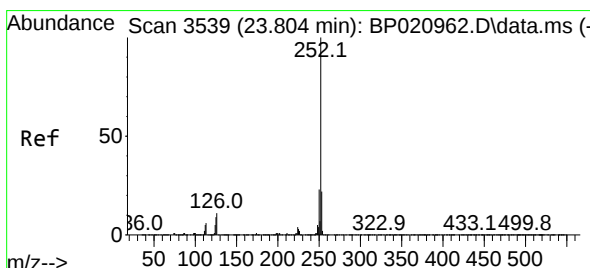
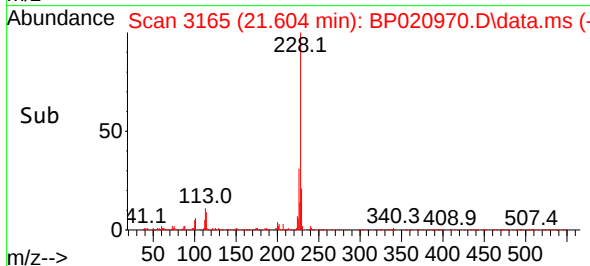
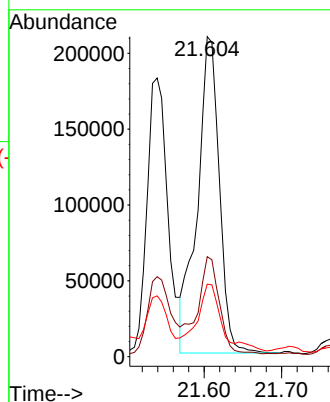
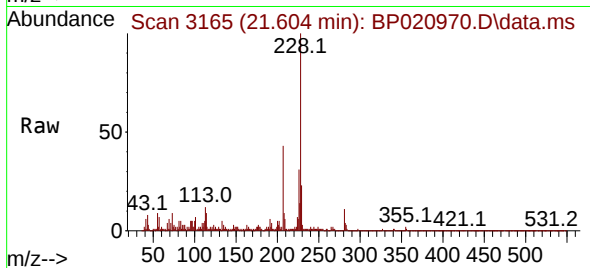
Tgt Ion:228	Resp: 41182
Ion Ratio	Lower Upper
228 100	
226 31.2	23.6 35.4
229 22.6	15.5 23.3

Manual Integrations

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Supervised By :mohammad ahmed 07/18/2024



#90

Benzo(b)fluoranthene

Concen: 7.434 ng/u1

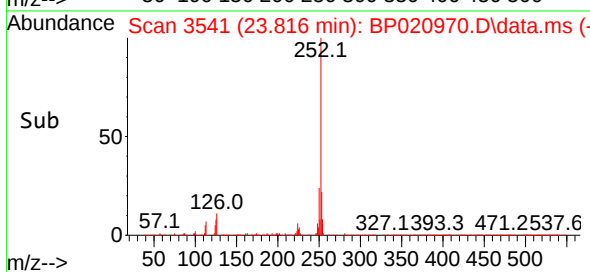
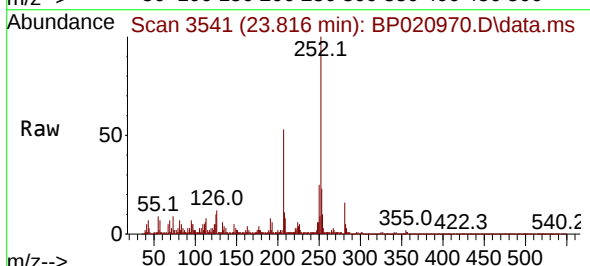
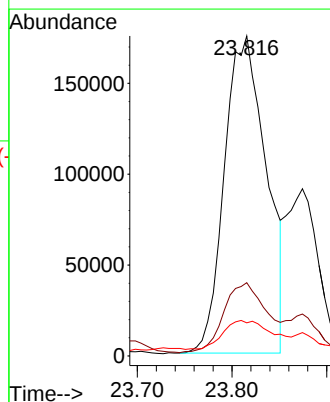
RT: 23.816 min Scan# 3541

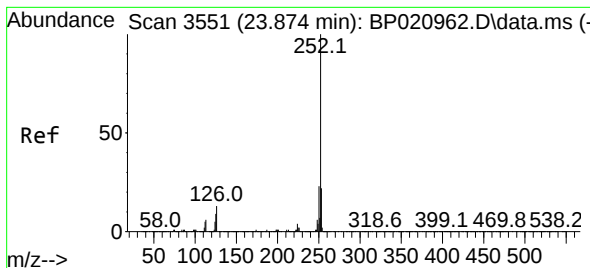
Delta R.T. 0.035 min

Lab File: BP020970.D

Acq: 15 Jul 2024 23:15

Tgt Ion:252	Resp: 535975
Ion Ratio	Lower Upper
252 100	
253 22.9	17.1 25.7
125 10.4	7.0 10.4





#91

Benzo(k)fluoranthene

Concen: 2.876 ng/ul m

RT: 23.874 min Scan# 3551

Delta R.T. 0.023 min

Lab File: BP020970.D

Acq: 15 Jul 2024 23:15

Instrument :

BNA_P

ClientSampleId :

A4D07

Tgt Ion: 252 Resp: 206930

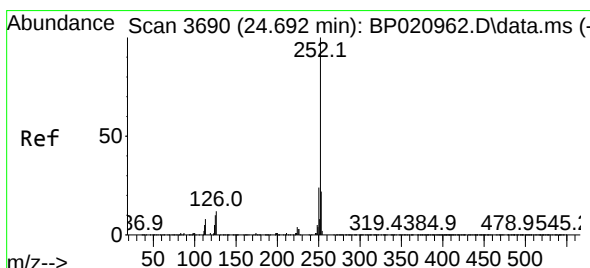
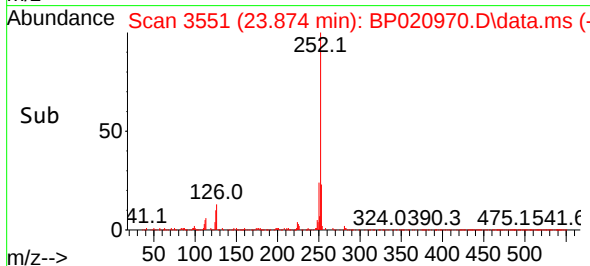
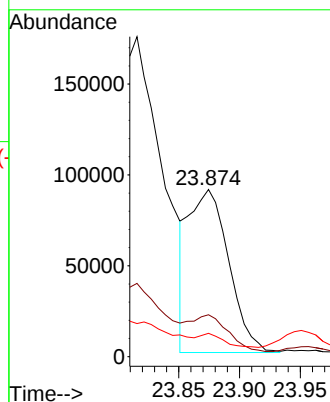
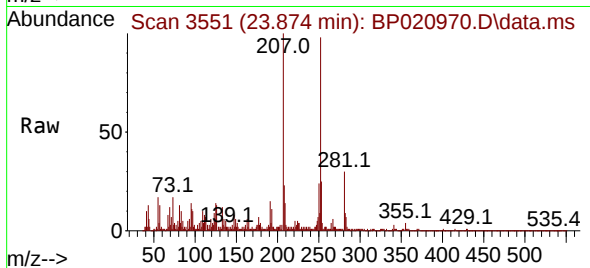
Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.4	26.2
125	14.0	7.4	11.0

Manual Integrations

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Supervised By : mohammad ahmed 07/18/2024



#93

Benzo(a)pyrene

Concen: 2.591 ng/ul

RT: 24.698 min Scan# 3691

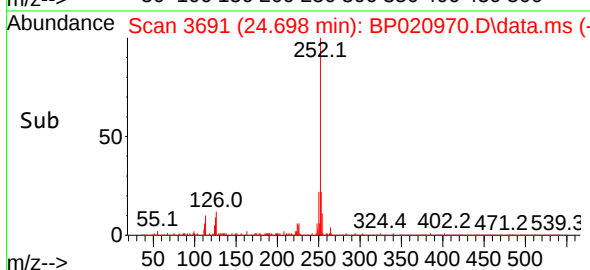
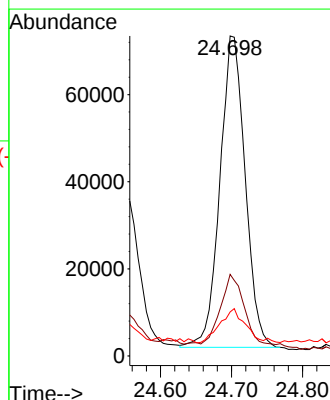
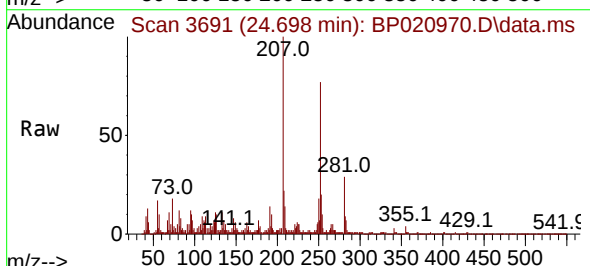
Delta R.T. 0.029 min

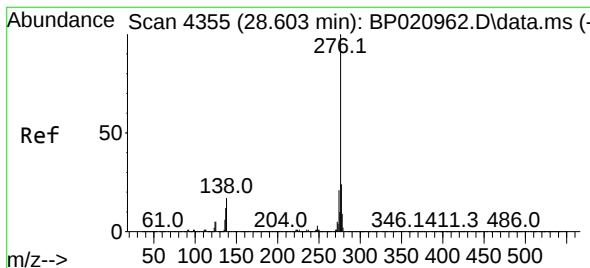
Lab File: BP020970.D

Acq: 15 Jul 2024 23:15

Tgt Ion: 252 Resp: 176527

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.4	26.0
125	13.7	7.7	11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.135 ng/ul m

RT: 28.586 min Scan# 4355

Delta R.T. 0.012 min

Lab File: BP020970.D

Acq: 15 Jul 2024 23:15

Instrument :

BNA_P

ClientSampleId :

A4D07

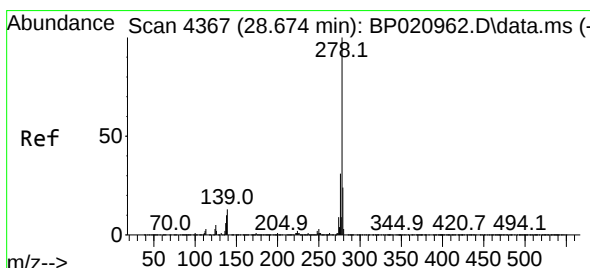
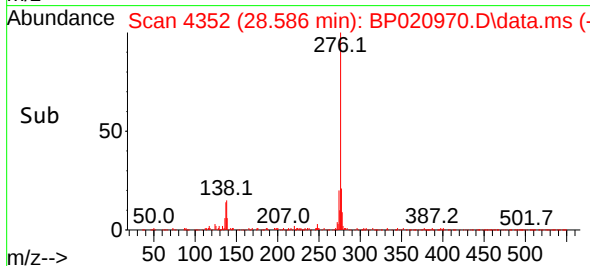
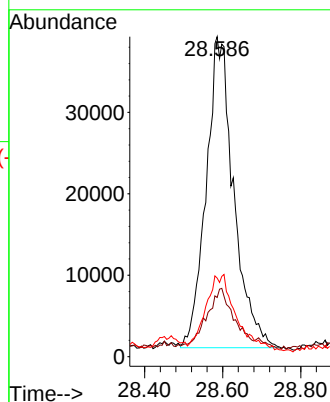
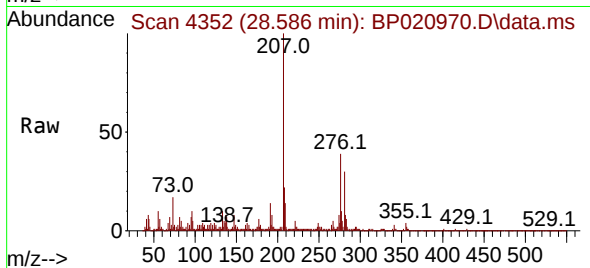
Tgt Ion:	276	Resp:	18747
Ion Ratio	Lower	Upper	
276	100		
138	18.5	14.3	21.5
277	24.5	19.2	28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/18/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.059 ng/ul m

RT: 28.674 min Scan# 4367

Delta R.T. 0.041 min

Lab File: BP020970.D

Acq: 15 Jul 2024 23:15

Tgt Ion:	278	Resp:	76991
Ion Ratio	Lower	Upper	
278	100		
139	19.6	10.9	16.3#
279	39.6	19.4	29.0#

