

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
 Data File : BP020861.D
 Acq On : 09 Jul 2024 12:35
 Operator : MA/JU
 Sample : P3035-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CX3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/10/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 23:03:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	272976	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.493	136	1110438	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	726368	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	1454621	20.000	ng/u1	0.01
79) Chrysene-d12	21.633	240	1293645	20.000	ng/u1	0.01
88) Perylene-d12	25.004	264	1520243	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	17758	2.793	ng/uL	0.00
4) Pyridine-d5	3.687	84	34359	1.855	ng/u1	0.00
7) Phenol-d5	6.922	99	525563	23.474	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	300470	21.169	ng/u1	0.00
11) 2-Chlorophenol-d4	7.269	132	431757	23.596	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	440180	24.207	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	212652	25.938	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	247989	30.227	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	454439	26.890	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	242541	10.241	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	1374196	27.210	ng/u1	0.00
49) Acenaphthylene-d8	14.046	160	1506547	24.999	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	212100	27.487	ng/u1	0.03
60) Fluorene-d10	15.375	176	1163795	27.384	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	152086	20.747	ng/u1	0.02
73) Anthracene-d10	17.281	188	1785247	27.346	ng/u1	0.02
81) Pyrene-d10	19.663	212	1831726	23.569	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.774	264	1426195	19.286	ng/u1	0.04
Target Compounds					Qvalue	
72) Phenanthrene	17.222	178	426079	5.594	ng/u1	100
74) Anthracene	17.310	178	82132	1.048	ng/u1	99
80) Fluoranthene	19.310	202	862257	9.083	ng/u1	99
82) Pyrene	19.692	202	682217	7.007	ng/u1	99
85) Benzo(a)anthracene	21.616	228	379622	4.187	ng/u1	93
86) Bis(2-ethylhexyl)phtha...	21.545	149	62369	1.111	ng/u1#	94
87) Chrysene	21.680	228	435207	5.078	ng/u1	96
90) Benzo(b)fluoranthene	23.933	252	580155	6.299	ng/u1#	93
91) Benzo(k)fluoranthene	23.998	252	183814m	1.973	ng/u1	
93) Benzo(a)pyrene	24.845	252	223691	2.573	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	28.815	276	232487m	2.085	ng/u1	

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

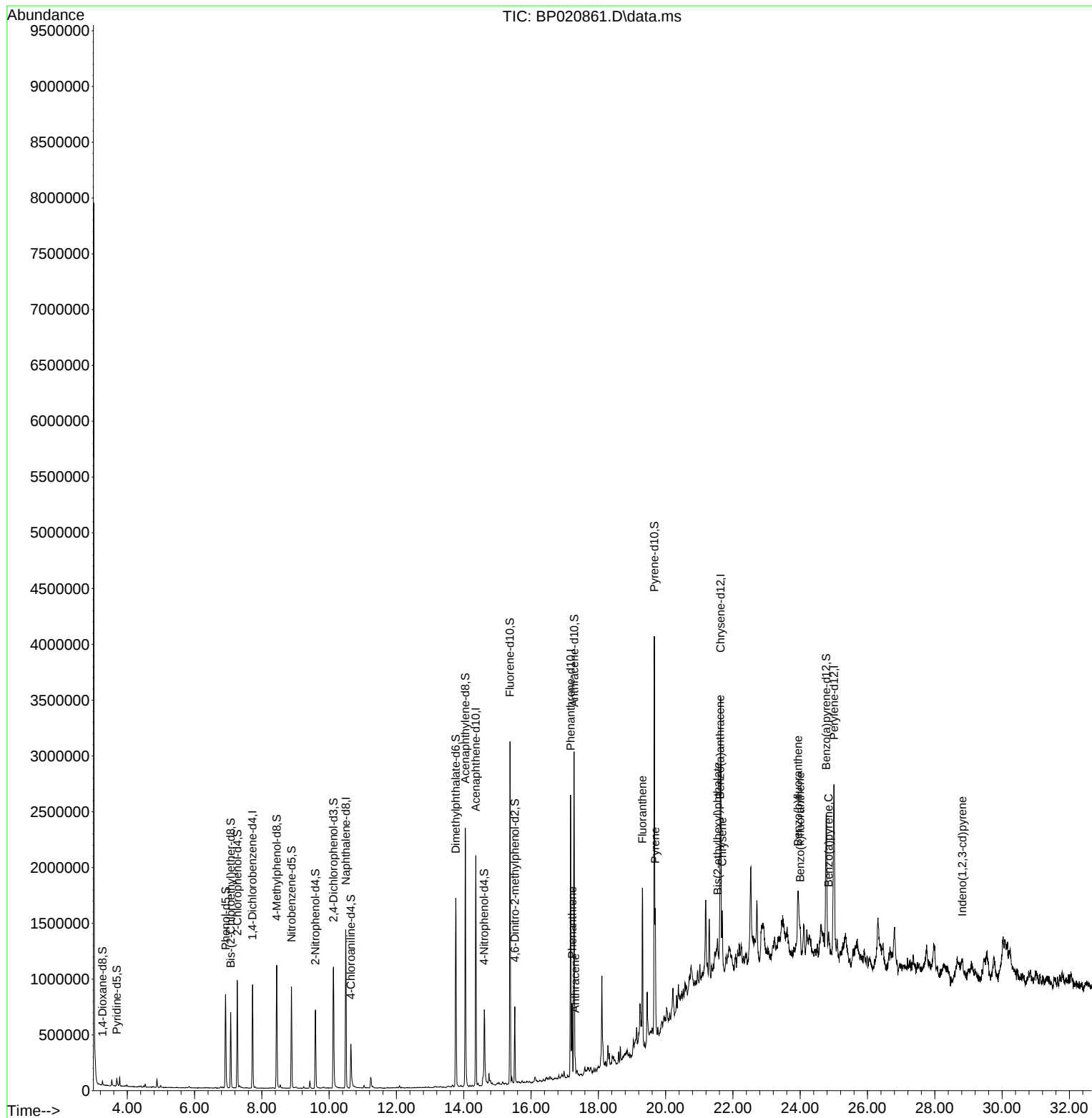
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020861.D
Acq On : 09 Jul 2024 12:35
Operator : MA/JU
Sample : P3035-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

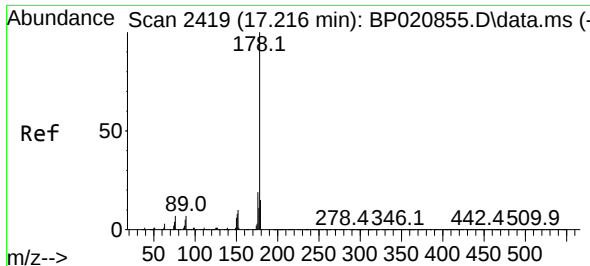
Instrument :
BNA_P
ClientSampleId :
A4CX3

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Supervised By :mohammad ahmed 07/10/2024

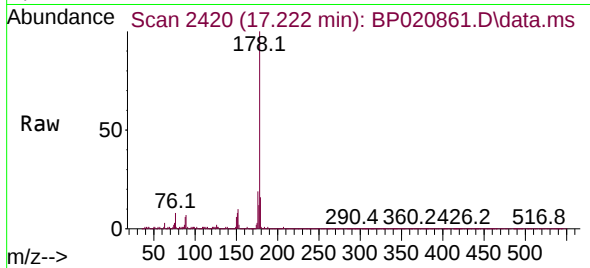
Quant Time: Jul 09 23:03:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 5.594 ng/ul
RT: 17.222 min Scan# 2419
Delta R.T. 0.018 min
Lab File: BP020861.D
Acq: 09 Jul 2024 12:35

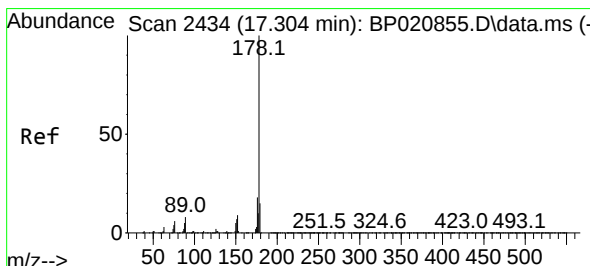
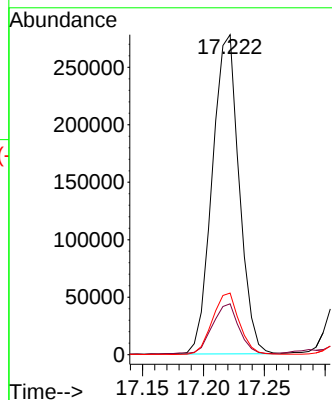
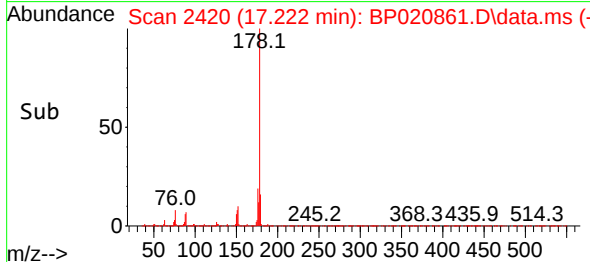
Instrument :
BNA_P
ClientSampleId :
A4CX3



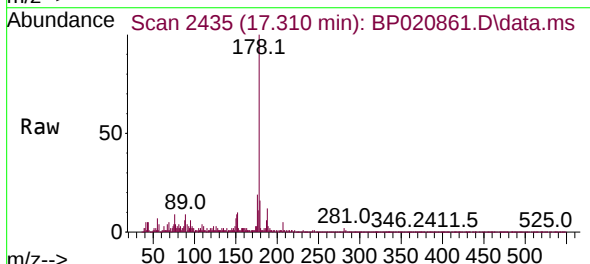
Tgt Ion:178 Resp: 426079
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 19.3 15.4 23.2

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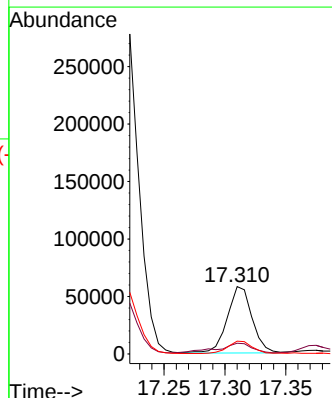
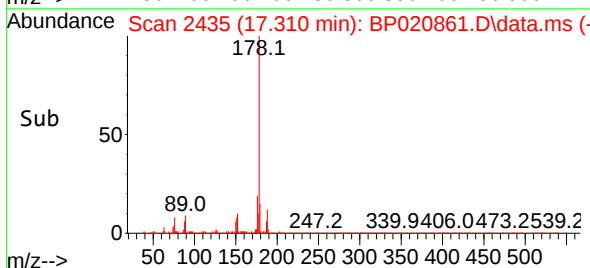
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/10/2024

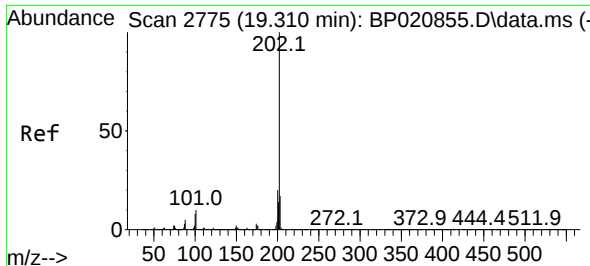


#74
Anthracene
Concen: 1.048 ng/ul
RT: 17.310 min Scan# 2435
Delta R.T. 0.012 min
Lab File: BP020861.D
Acq: 09 Jul 2024 12:35



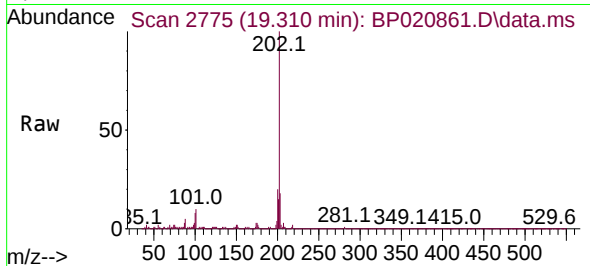
Tgt Ion:178 Resp: 82132
Ion Ratio Lower Upper
178 100
179 16.0 12.1 18.1
176 18.9 15.0 22.4





#80
Fluoranthene
Concen: 9.083 ng/u1
RT: 19.310 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP020861.D
Acq: 09 Jul 2024 12:35

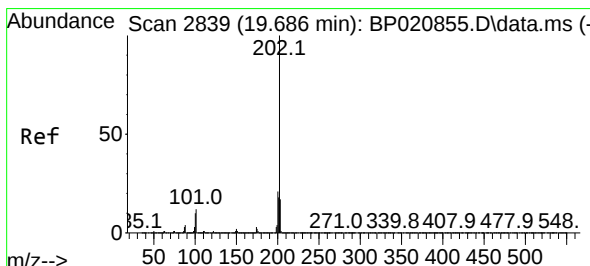
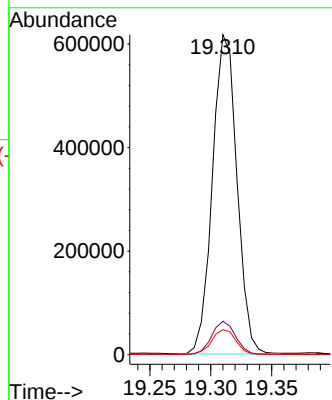
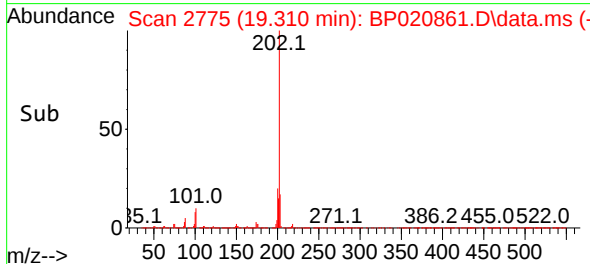
Instrument :
BNA_P
ClientSampleId :
A4CX3



Tgt Ion:202 Resp: 86225
Ion Ratio Lower Upper
202 100
101 10.4 8.2 12.4
100 7.8 6.6 10.0

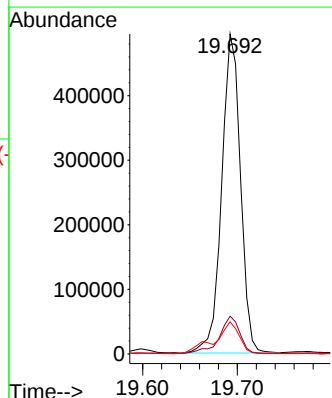
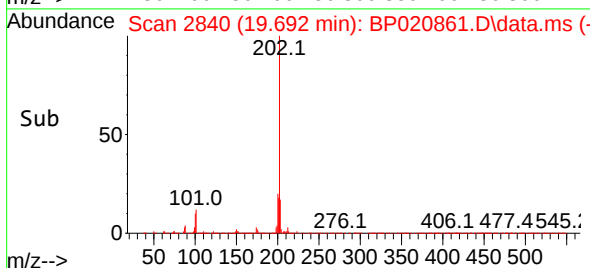
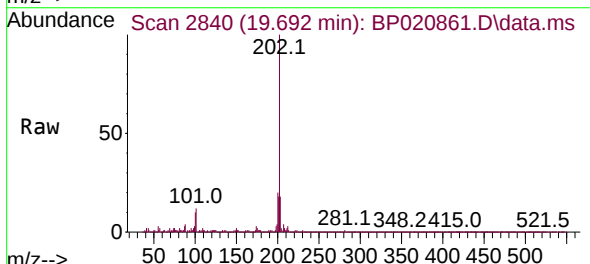
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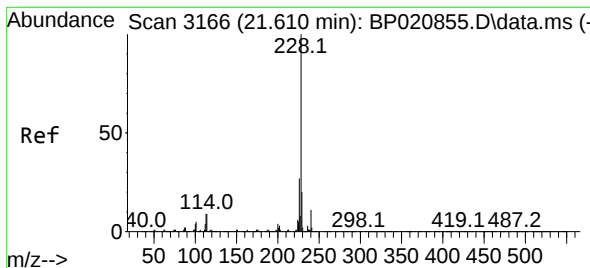
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/10/2024



#82
Pyrene
Concen: 7.007 ng/u1
RT: 19.692 min Scan# 2840
Delta R.T. 0.012 min
Lab File: BP020861.D
Acq: 09 Jul 2024 12:35

Tgt Ion:202 Resp: 682217
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 10.1 7.9 11.9





#85

Benzo(a)anthracene

Concen: 4.187 ng/ul

RT: 21.616 min Scan# 3166

Delta R.T. 0.018 min

Lab File: BP020861.D

Acq: 09 Jul 2024 12:35

Instrument :

BNA_P

ClientSampleId :

A4CX3

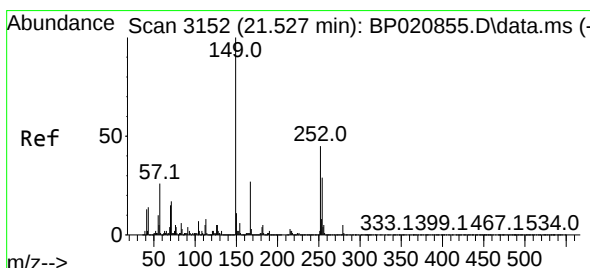
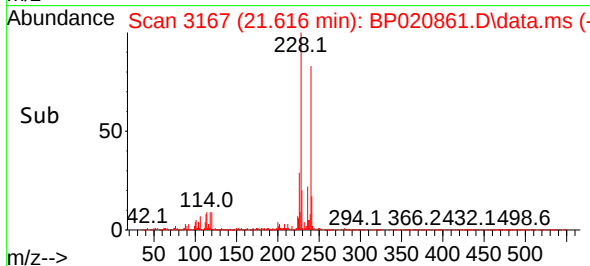
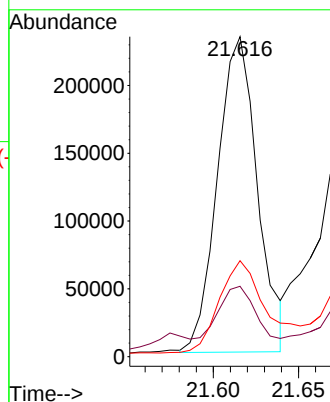
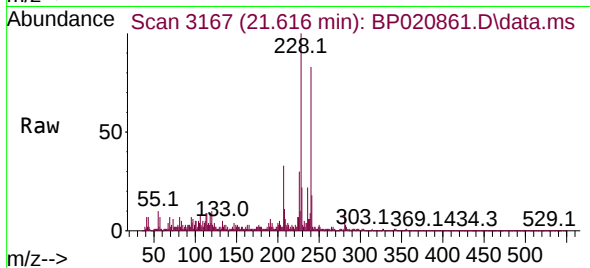
Tgt Ion:	228	Resp:	37962
Ion Ratio	Lower	Upper	
228	100		
229	22.0	15.2	22.8
226	30.0	21.1	31.7

Manual Integrations

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Supervised By :mohammad ahmed 07/10/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.111 ng/ul

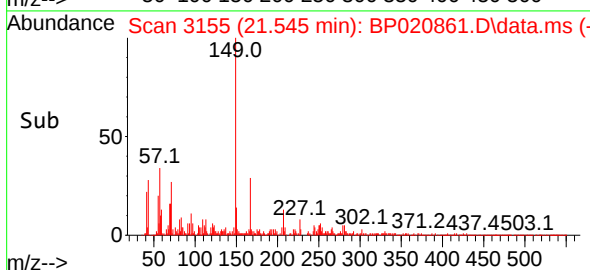
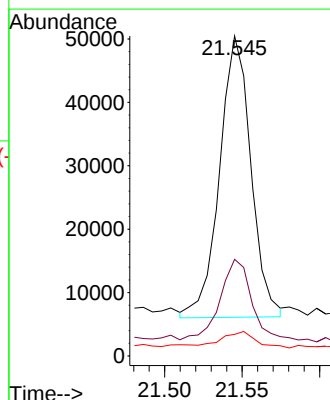
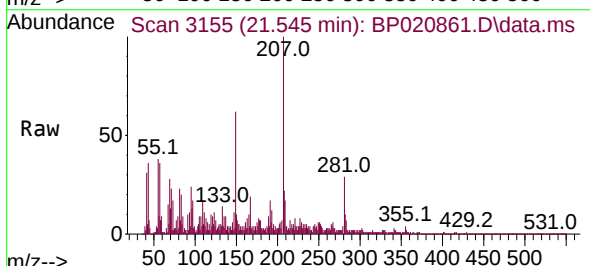
RT: 21.545 min Scan# 3155

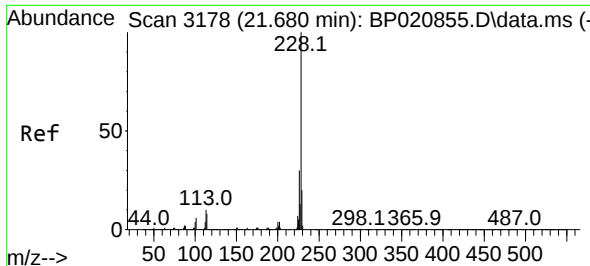
Delta R.T. 0.006 min

Lab File: BP020861.D

Acq: 09 Jul 2024 12:35

Tgt Ion:	149	Resp:	62369
Ion Ratio	Lower	Upper	
149	100		
167	30.2	22.0	33.0
279	6.8	3.3	4.9





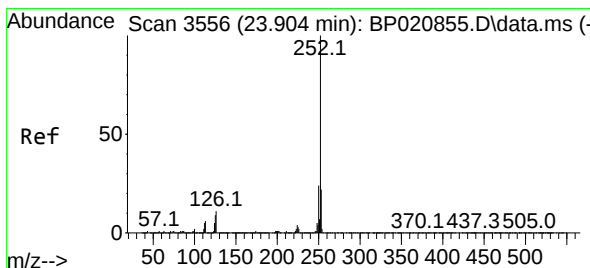
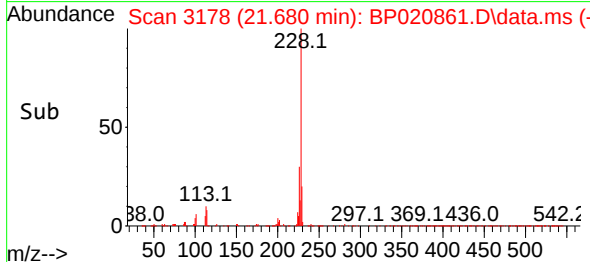
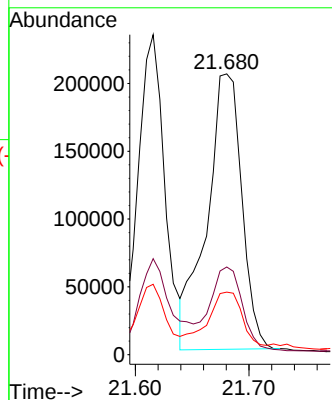
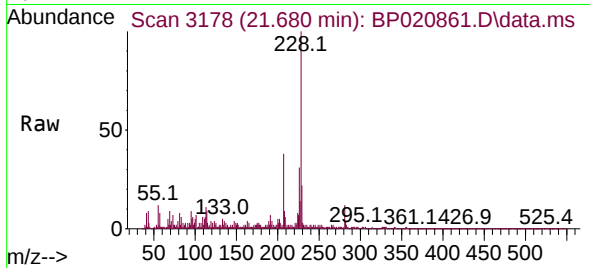
#87
Chrysene
Concen: 5.078 ng/u1
RT: 21.680 min Scan# 3178
Delta R.T. 0.012 min
Lab File: BP020861.D
Acq: 09 Jul 2024 12:35

Instrument :
BNA_P
ClientSampleId :
A4CX3

Tgt Ion:228 Resp: 43520
Ion Ratio Lower Upper
228 100
226 31.2 23.8 35.6
229 22.3 16.1 24.1

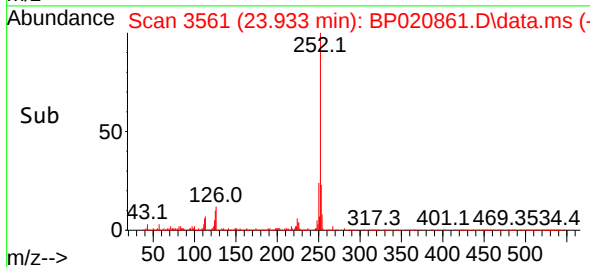
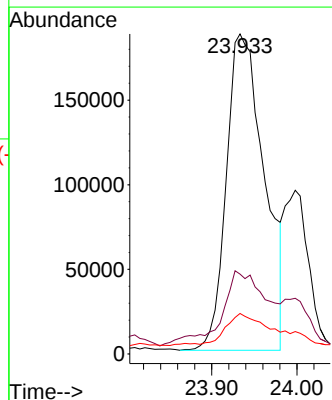
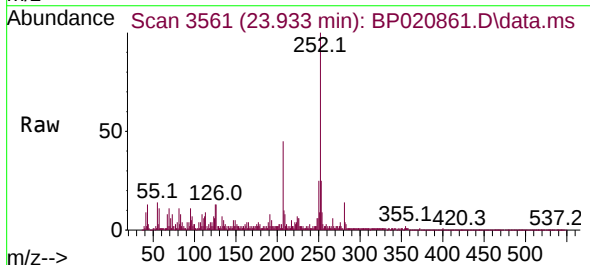
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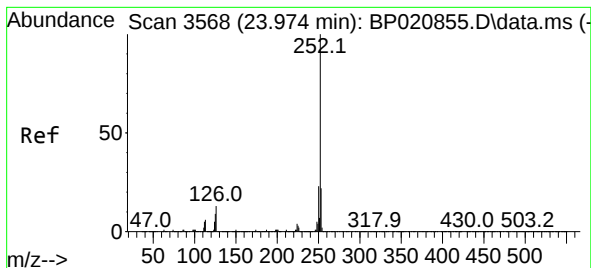
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/10/2024



#90
Benzo(b)fluoranthene
Concen: 6.299 ng/u1
RT: 23.933 min Scan# 3561
Delta R.T. 0.029 min
Lab File: BP020861.D
Acq: 09 Jul 2024 12:35

Tgt Ion:252 Resp: 580155
Ion Ratio Lower Upper
252 100
253 25.0 17.5 26.3
125 12.6 7.9 11.9#





#91

Benzo(k)fluoranthene

Concen: 1.973 ng/ul m

RT: 23.998 min Scan# 3572

Delta R.T. 0.024 min

Lab File: BP020861.D

Acq: 09 Jul 2024 12:35

Instrument :

BNA_P

ClientSampleId :

A4CX3

Tgt Ion:252 Resp: 183814

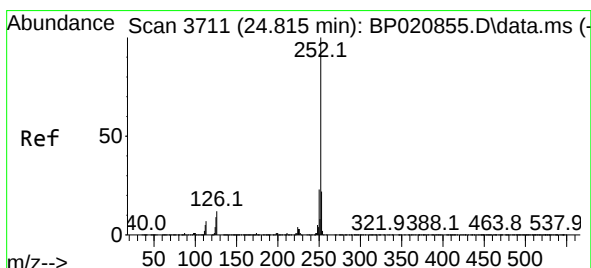
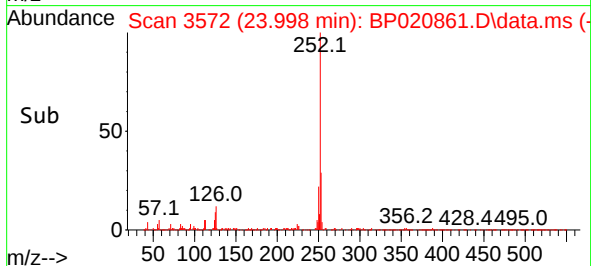
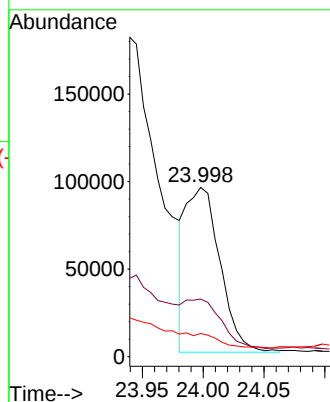
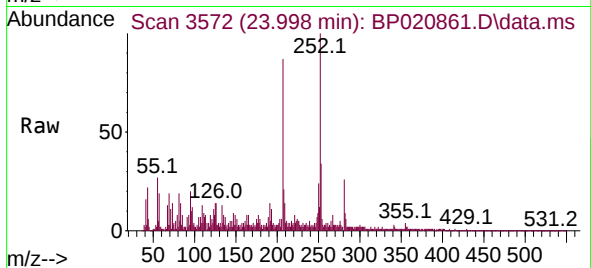
Ion	Ratio	Lower	Upper
252	100		
253	34.0	17.6	26.4
125	13.7	7.9	11.9

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 2.573 ng/ul

RT: 24.845 min Scan# 3716

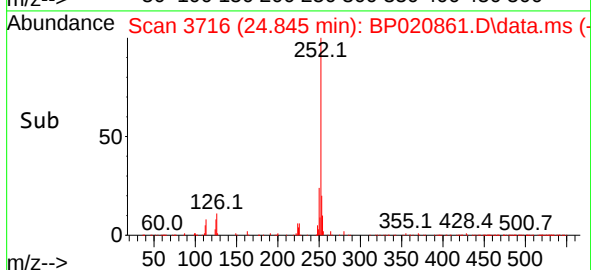
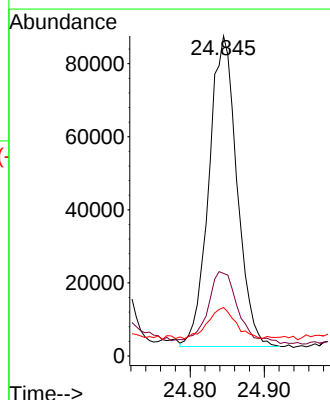
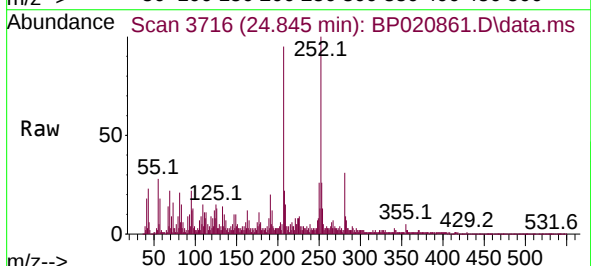
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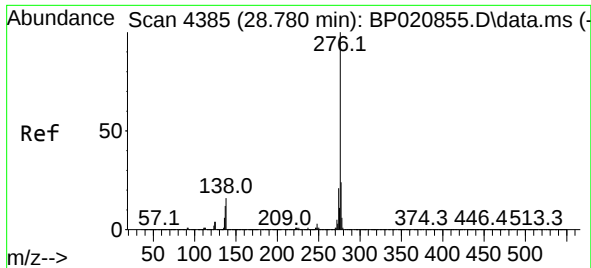
Lab File: BP020861.D

Acq: 09 Jul 2024 12:35

Tgt Ion:252 Resp: 223691

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.4	26.2
125	15.2	8.7	13.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.085 ng/ul m

RT: 28.815 min Scan# 4391

Delta R.T. 0.053 min

Lab File: BP020861.D

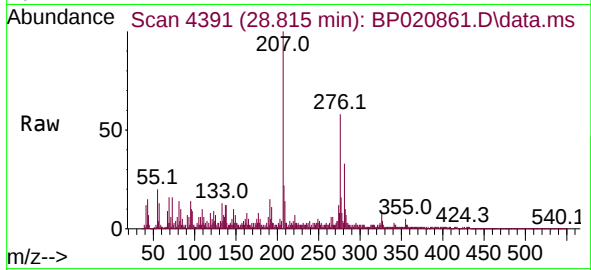
Acq: 09 Jul 2024 12:35

Instrument :

BNA_P

ClientSampleId :

A4CX3



Tgt Ion:276 Resp: 23248

Ion Ratio Lower Upper

276 100

138 20.5 15.2 22.8

277 27.4 19.0 28.4

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Supervised By :mohammad ahmed 07/10/2024

