

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020658.D
 Acq On : 27 Jun 2024 12:13
 Operator : MA/JU
 Sample : P2909-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B75

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 27 13:32:46 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	251771	20.000	ng/u1	0.00
20) Naphthalene-d8	10.510	136	952178	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.369	164	546649	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	909142	20.000	ng/u1	-0.01
79) Chrysene-d12	21.639	240	798327	20.000	ng/u1	0.00
88) Perylene-d12	25.015	264	1002947	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	21184	3.613	ng/uL	0.00
4) Pyridine-d5	3.699	84	55925	3.273	ng/u1	0.01
7) Phenol-d5	6.922	99	389251	18.850	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	266434	20.352	ng/u1	0.00
11) 2-Chlorophenol-d4	7.281	132	351496	20.827	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	247621	14.765	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	168444	23.961	ng/u1	0.00
24) 2-Nitrophenol-d4	9.610	143	184504	26.227	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	308555	21.293	ng/u1	0.00
31) 4-Chloroaniline-d4	10.657	131	136776m	6.735	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	927747	24.409	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	983715	21.690	ng/u1	0.00
54) 4-Nitrophenol-d4	14.575	143	92466m	15.923	ng/u1	-0.02
60) Fluorene-d10	15.375	176	731208	22.862	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.498	200	99637	21.747	ng/u1	0.00
73) Anthracene-d10	17.280	188	954540	23.394	ng/u1	0.00
81) Pyrene-d10	19.663	212	907114	18.914	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.780	264	788283	16.158	ng/u1	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.216	178	249528	5.241	ng/u1	99
74) Anthracene	17.316	178	54841m	1.120	ng/u1	
80) Fluoranthene	19.310	202	449928	7.680	ng/u1	99
82) Pyrene	19.686	202	325604	5.419	ng/u1	99
85) Benzo(a)anthracene	21.621	228	201778	3.606	ng/u1#	90
86) Bis(2-ethylhexyl)phtha...	21.557	149	46798	1.351	ng/u1#	93
87) Chrysene	21.692	228	243447	4.603	ng/u1	96
90) Benzo(b)fluoranthene	23.945	252	311645	5.129	ng/u1#	92
91) Benzo(k)fluoranthene	24.004	252	116761	1.900	ng/u1#	74
93) Benzo(a)pyrene	24.851	252	117029	2.040	ng/u1#	85
94) Indeno(1,2,3-cd)pyrene	28.839	276	122143m	1.660	ng/u1	

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

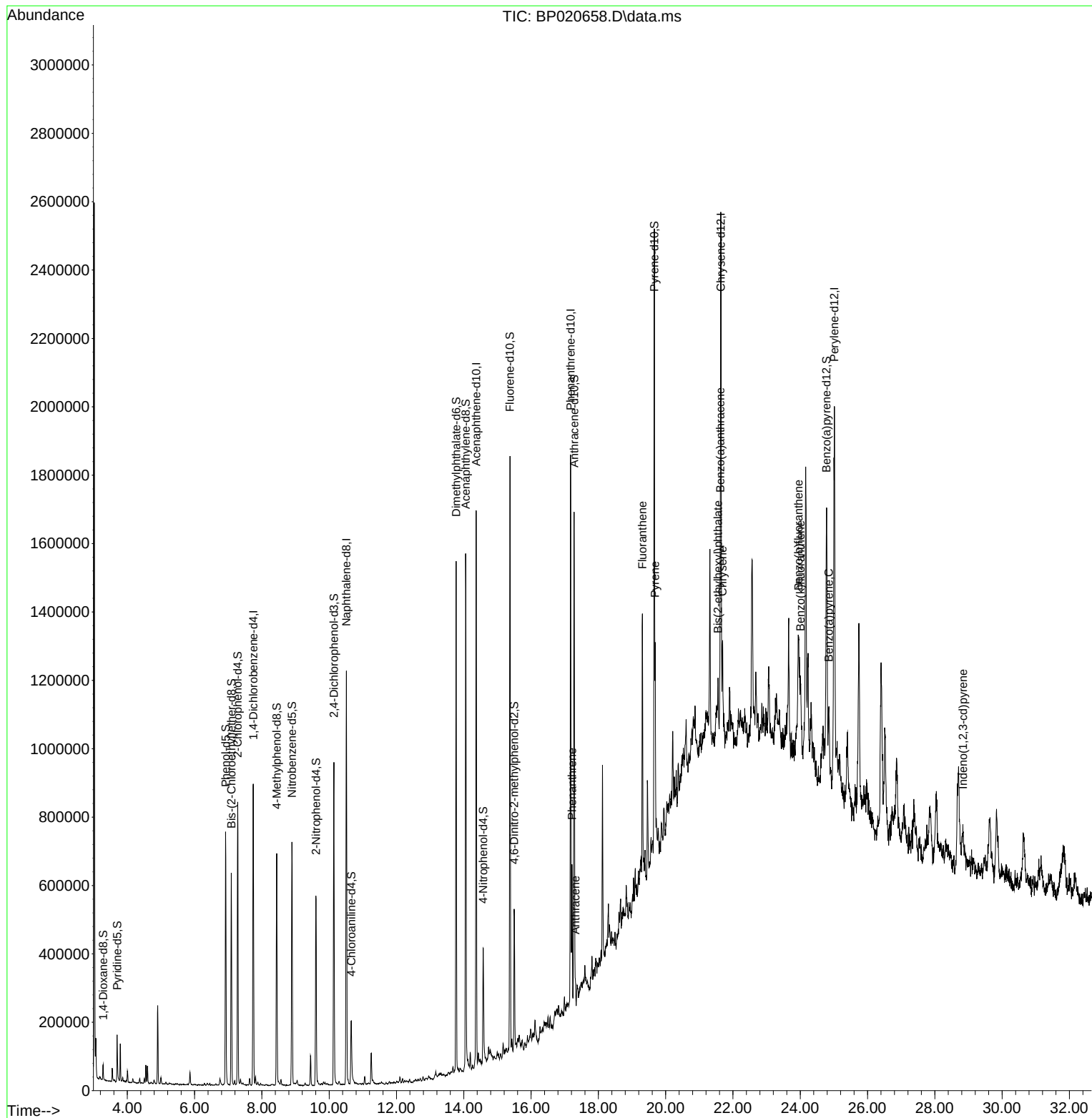
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020658.D
Acq On : 27 Jun 2024 12:13
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ALS Vial : 12 Sample Multiplier: 1

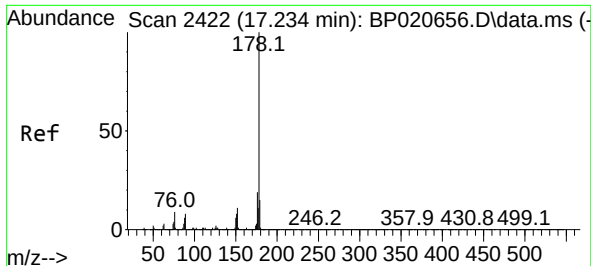
Instrument :
BNA_P
ClientSampleId :
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Quant Title : SVOA CALIBRATION
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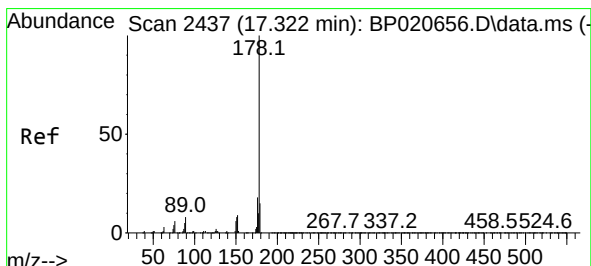
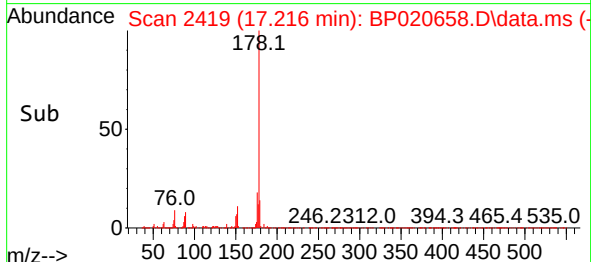
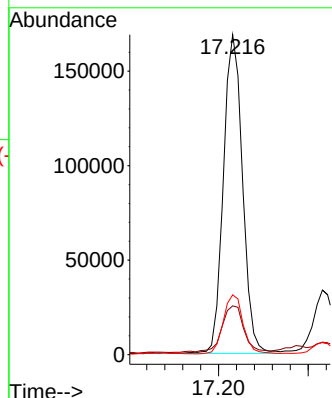
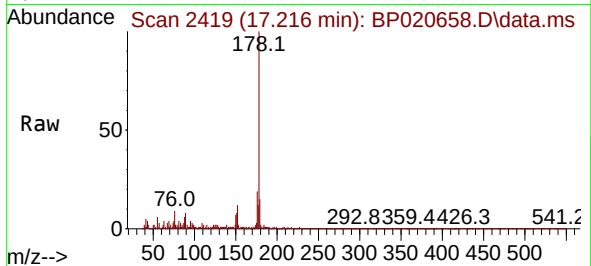
#72
Phenanthrene
Concen: 5.241 ng/ul
RT: 17.216 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP020658.D
Acq: 27 Jun 2024 12:13

Instrument :
BNA_P
ClientSampleId :
A4B75

Tgt Ion:178 Resp: 249528
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 18.7 15.4 23.2

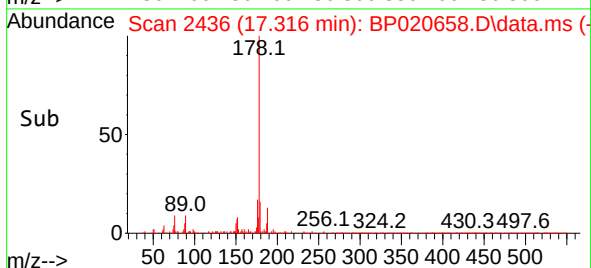
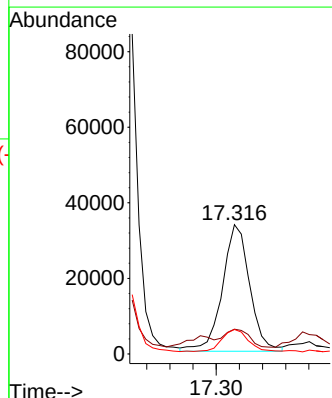
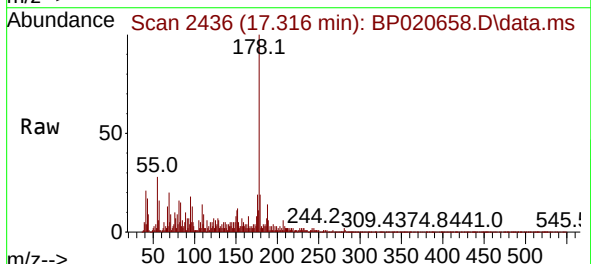
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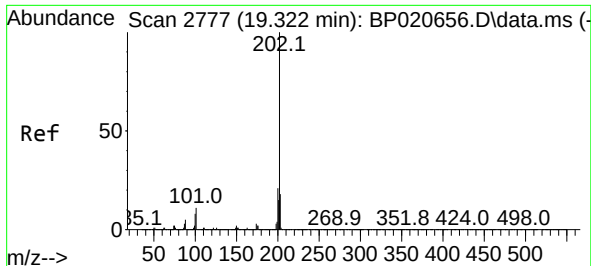
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024



#74
Anthracene
Concen: 1.120 ng/ul m
RT: 17.316 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BP020658.D
Acq: 27 Jun 2024 12:13

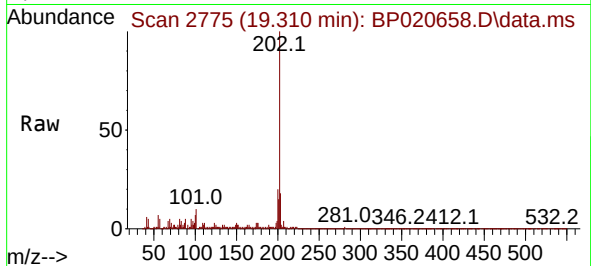
Tgt Ion:178 Resp: 54841
Ion Ratio Lower Upper
178 100
179 19.2 12.1 18.1#
176 18.9 15.0 22.4





#80
Fluoranthene
Concen: 7.680 ng/u1
RT: 19.310 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP020658.D
Acq: 27 Jun 2024 12:13

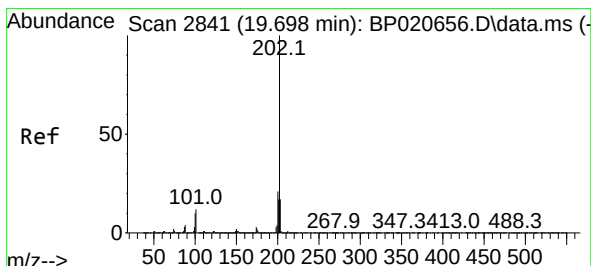
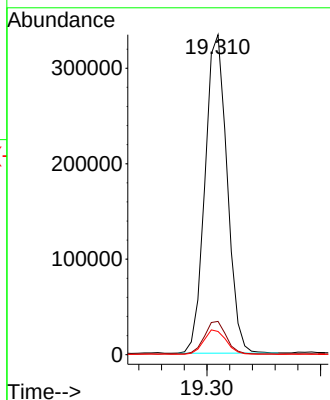
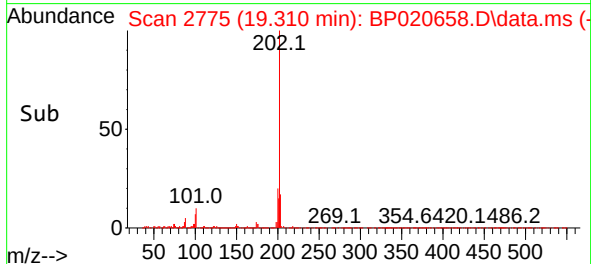
Instrument :
BNA_P
ClientSampleId :
A4B75



Tgt Ion:202 Resp: 449928
Ion Ratio Lower Upper
202 100
101 10.4 8.2 12.4
100 7.2 6.6 10.0

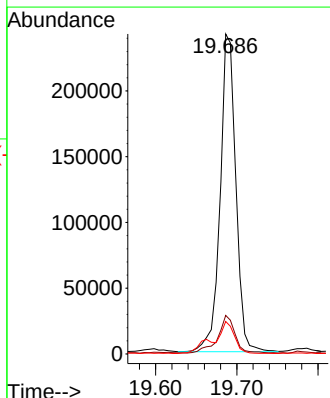
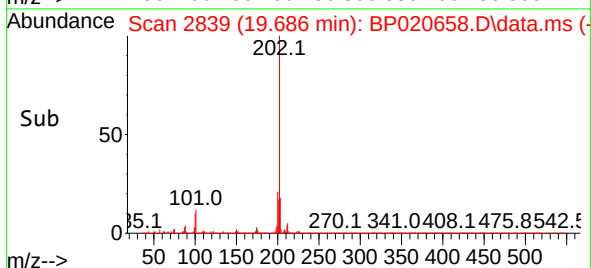
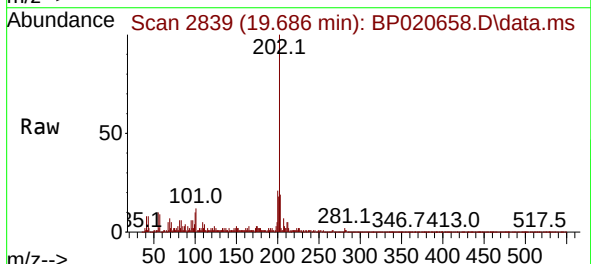
Manual Integrations
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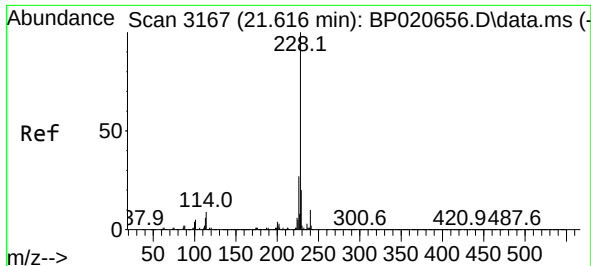
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024



#82
Pyrene
Concen: 5.419 ng/u1
RT: 19.686 min Scan# 2839
Delta R.T. -0.012 min
Lab File: BP020658.D
Acq: 27 Jun 2024 12:13

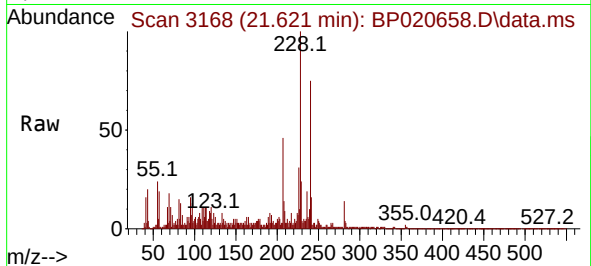
Tgt Ion:202 Resp: 325604
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.8
100 10.1 7.9 11.9





#85
Benzo(a)anthracene
Concen: 3.606 ng/u1
RT: 21.621 min Scan# 3168
Delta R.T. -0.000 min
Lab File: BP020658.D
Acq: 27 Jun 2024 12:13

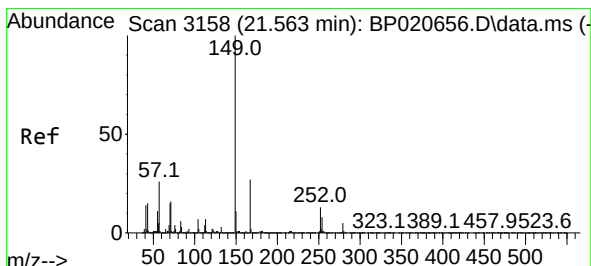
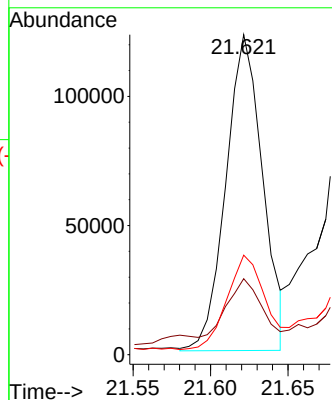
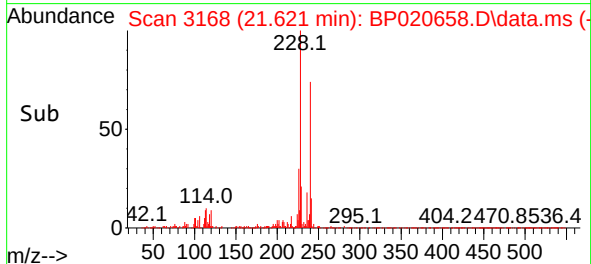
Instrument : BNA_P
ClientSampleId : A4B75



Tgt Ion:228 Resp: 201778
Ion Ratio Lower Upper
228 100
229 23.8 15.2 22.8
226 31.1 21.1 31.7

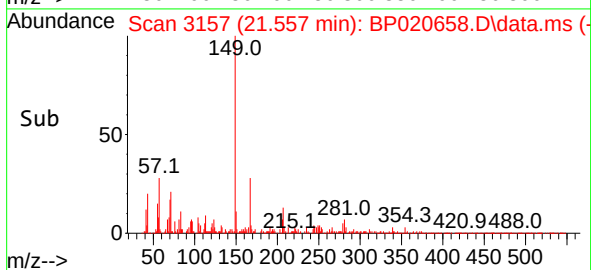
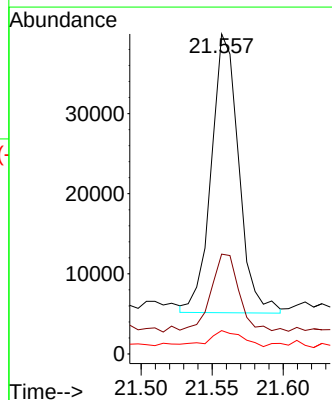
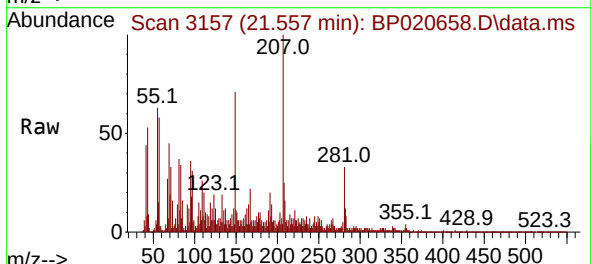
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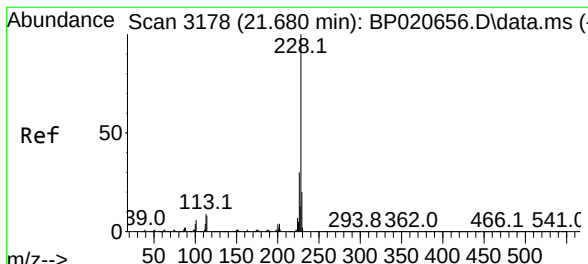
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.351 ng/u1
RT: 21.557 min Scan# 3157
Delta R.T. -0.012 min
Lab File: BP020658.D
Acq: 27 Jun 2024 12:13

Tgt Ion:149 Resp: 46798
Ion Ratio Lower Upper
149 100
167 31.2 22.0 33.0
279 7.3 3.3 4.9



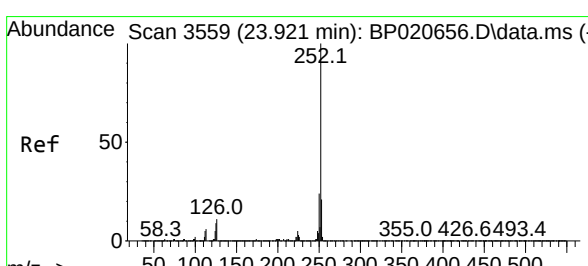
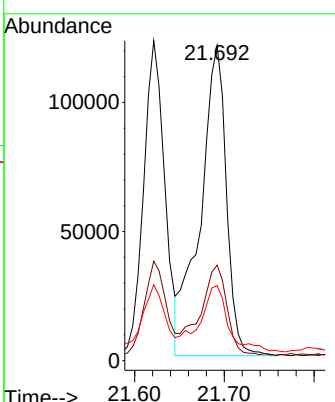
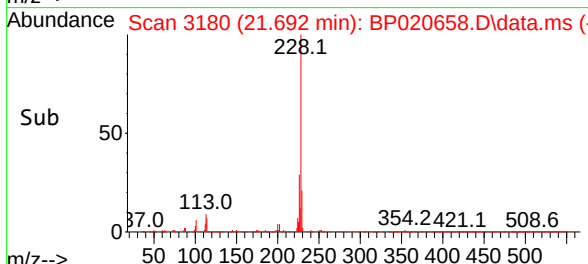
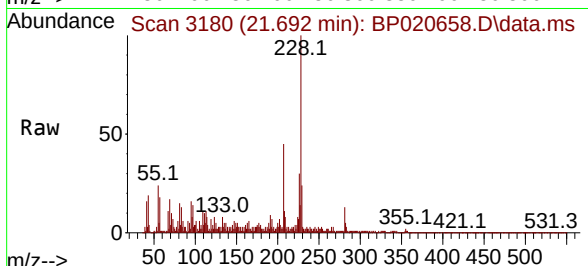


#87
 Chrysene
 Concen: 4.603 ng/u1
 RT: 21.692 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BP020658.D
 Acq: 27 Jun 2024 12:13

Instrument : BNA_P
 ClientSampleId : A4B75

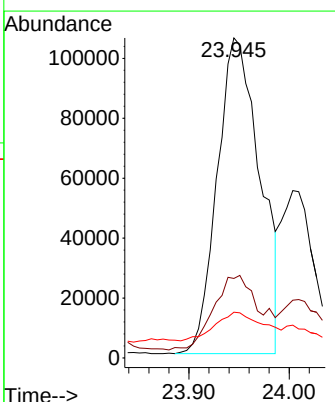
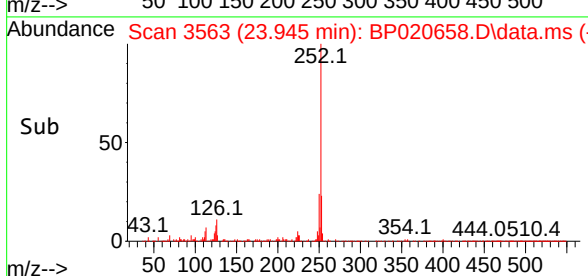
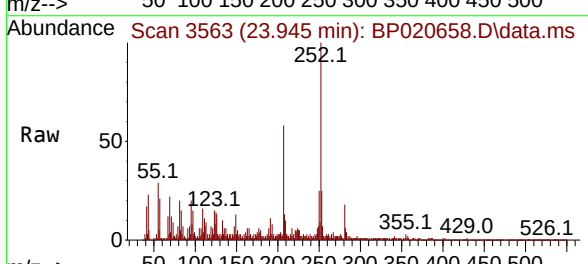
Tgt Ion:	228	Resp:	24344
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.8	35.6
229	23.8	16.1	24.1

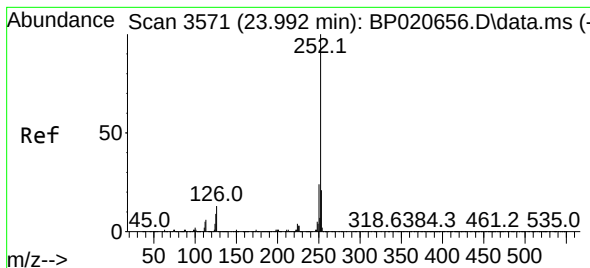
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#90
 Benzo(b)fluoranthene
 Concen: 5.129 ng/u1
 RT: 23.945 min Scan# 3563
 Delta R.T. 0.006 min
 Lab File: BP020658.D
 Acq: 27 Jun 2024 12:13

Tgt Ion:	252	Resp:	311645
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.5	26.3
125	14.3	7.9	11.9





#91

Benzo(k)fluoranthene

Concen: 1.900 ng/u1

RT: 24.004 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP020658.D

Acq: 27 Jun 2024 12:13

Instrument :

BNA_P

ClientSampleId :

A4B75

Tgt Ion:252 Resp: 11676
 Ion Ratio Lower Upper
 252 100
 253 34.5 17.6 26.4
 125 19.6 7.9 11.9

Manual Integrations

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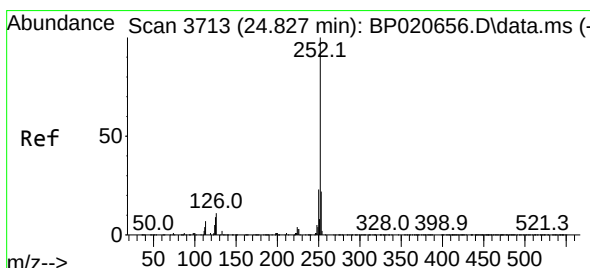
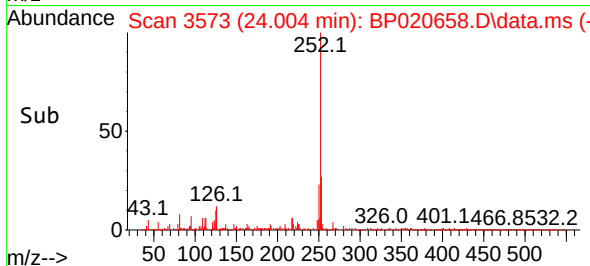
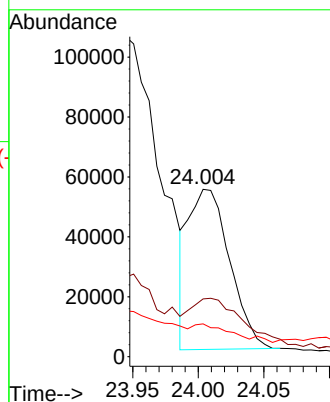
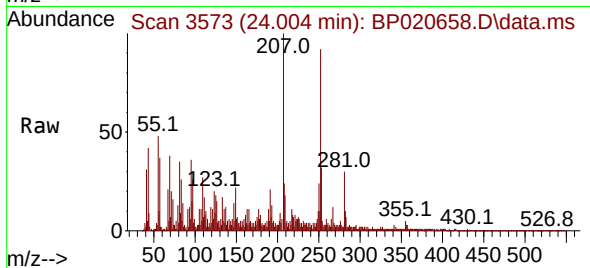
Reviewed By :Yogesh Patel 06/28/2024

Supervised By :mohammad ahmed 06/29/2024

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Supervised By :mohammad
ahmed

06/29/2024



#93

Benzo(a)pyrene

Concen: 2.040 ng/u1

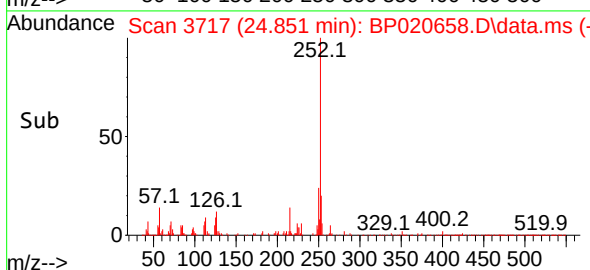
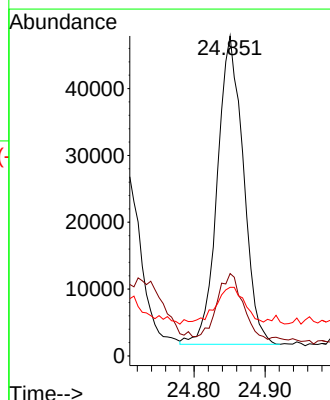
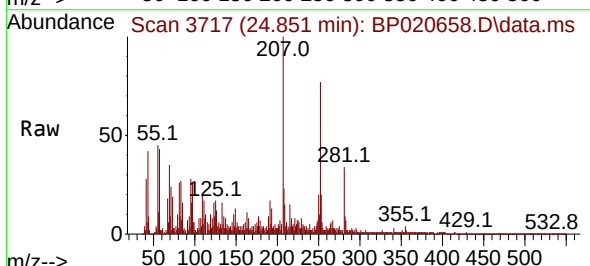
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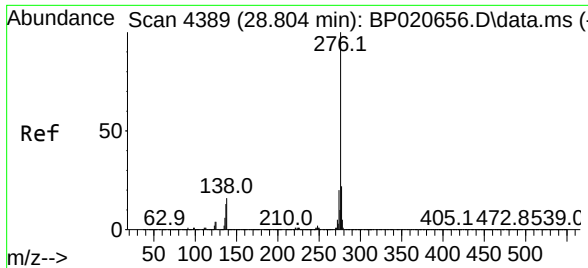
Delta R.T. 0.006 min

Lab File: BP020658.D

Acq: 27 Jun 2024 12:13

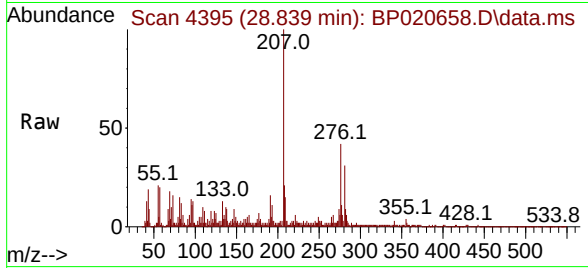
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 Ion Ratio Lower Upper
 252 100
 253 25.7 17.4 26.2
 125 21.4 8.7 13.1





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.660 ng/ul m
 RT: 28.839 min Scan# 4389
 Delta R.T. 0.023 min
 Lab File: BP020658.D
 Acq: 27 Jun 2024 12:13

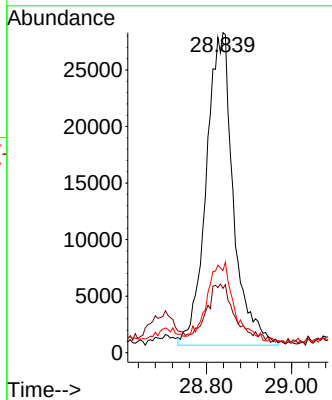
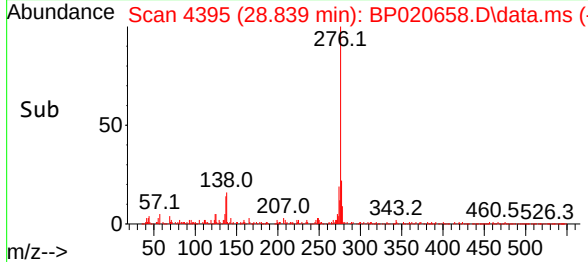
Instrument :
 BNA_P
 ClientSampleId :
 A4B75



Tgt Ion: 276 Resp: 12214
 Ion Ratio Lower Upper
 276 100
 138 20.1 15.2 22.8
 277 25.7 19.0 28.4

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 Supervised By :mohammad
 ahmed
 06/29/2024