

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022852.D
 Acq On : 05 Nov 2024 08:31
 Operator : RC/JU
 Sample : P4568-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EF7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 05 10:16:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	100110	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.387	136	376566	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.251	164	291189	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.057	188	689078	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	705011	20.000	ng/ul	-0.01
88) Perylene-d12	24.739	264	835827	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	5873	2.280	ng/uL	0.00
4) Pyridine-d5	3.593	84	71755	10.146	ng/ul	0.00
7) Phenol-d5	6.822	99	136973	16.254	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.969	67	73940	14.929	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.175	132	101999	17.058	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	98637	14.667	ng/ul	-0.01
21) Nitrobenzene-d5	8.763	128	50440	17.421	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.481	143	61043	18.210	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.028	165	130774	18.355	ng/ul	0.00
31) 4-Chloroaniline-d4	10.534	131	88594	10.524	ng/ul	0.00
46) Dimethylphthalate-d6	13.645	166	420741	18.186	ng/ul	-0.02
49) Acenaphthylene-d8	13.939	160	453488	18.455	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.510	143	52138m	13.433	ng/ul	0.00
60) Fluorene-d10	15.269	176	379799	18.926	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	39542	8.725	ng/ul	0.00
73) Anthracene-d10	17.157	188	592713	18.285	ng/ul	-0.01
81) Pyrene-d10	19.533	212	644511	17.287	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.515	264	659681	14.779	ng/ul	0.00
Target Compounds						
8) Phenol	6.852	94	11075	1.263	ng/ul#	81
16) Acetophenone	8.440	105	54081	4.871	ng/ul	98
72) Phenanthrene	17.104	178	317222	8.605	ng/ul	100
74) Anthracene	17.186	178	46401	1.261	ng/ul	99
80) Fluoranthene	19.192	202	457308	10.670	ng/ul	98
82) Pyrene	19.563	202	316536	6.891	ng/ul	99
85) Benzo(a)anthracene	21.468	228	228079	4.615	ng/ul	98
87) Chrysene	21.533	228	240163	5.241	ng/ul	98
90) Benzo(b)fluoranthene	23.721	252	299660m	5.696	ng/ul	
91) Benzo(k)fluoranthene	23.780	252	96796m	1.879	ng/ul	
93) Benzo(a)pyrene	24.592	252	78167	1.614	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.433	276	82108m	1.271	ng/ul	

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

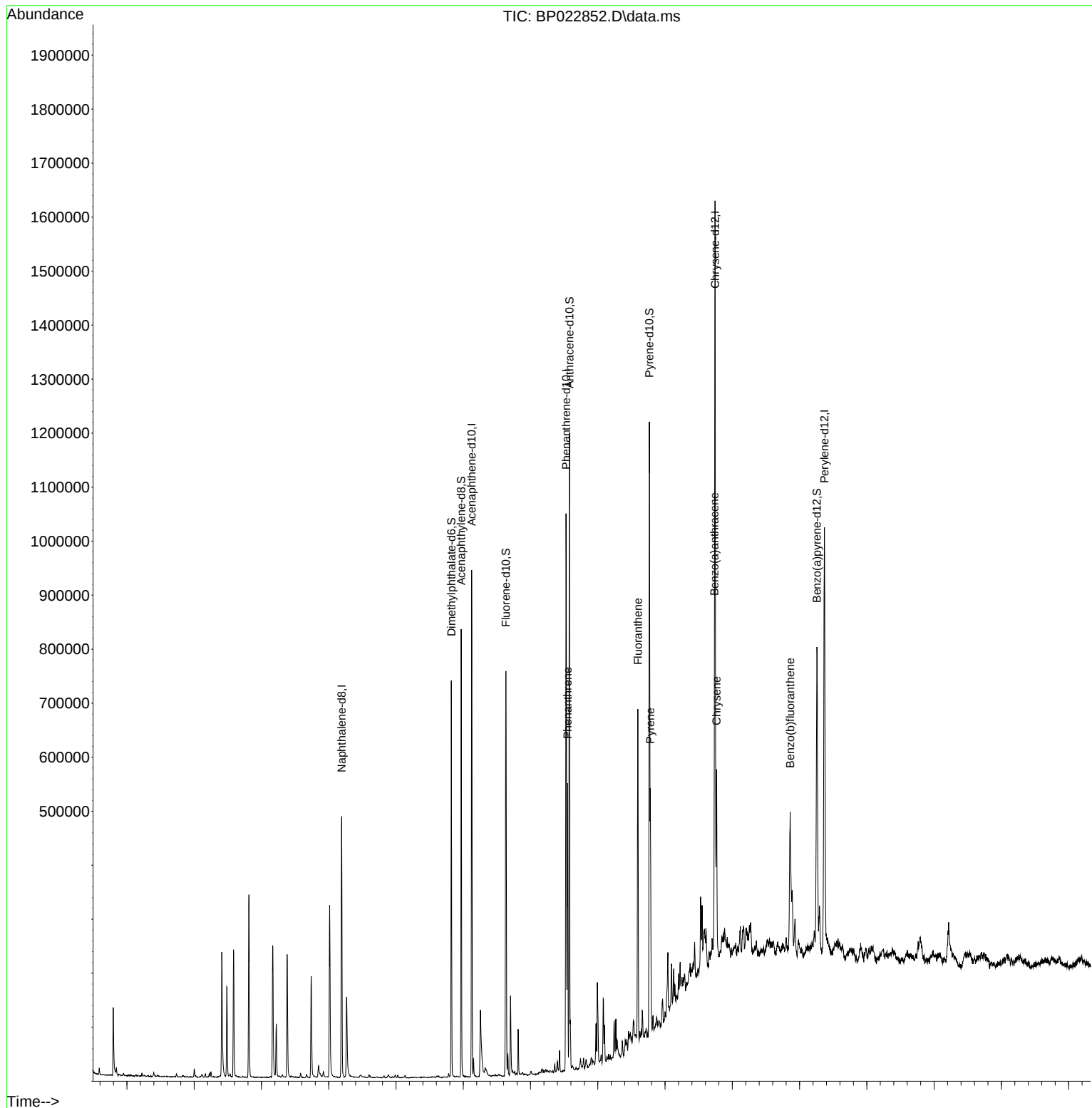
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
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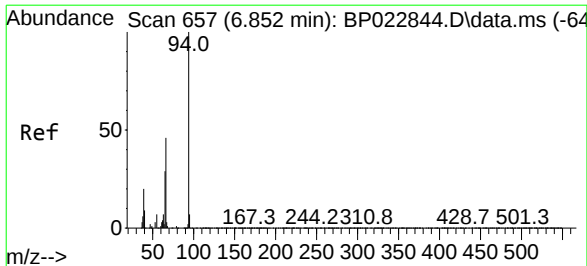
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION
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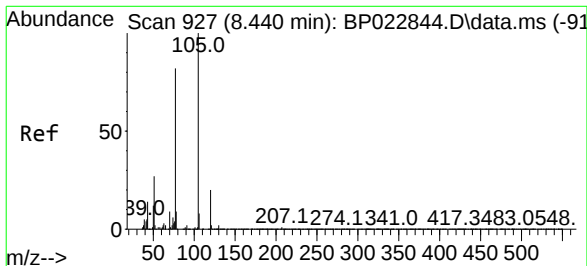
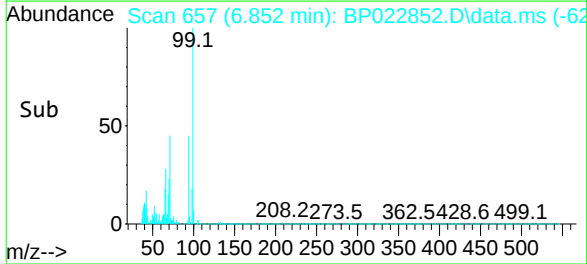
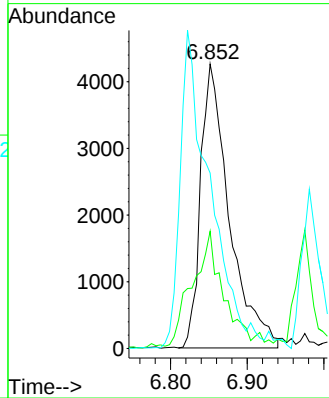
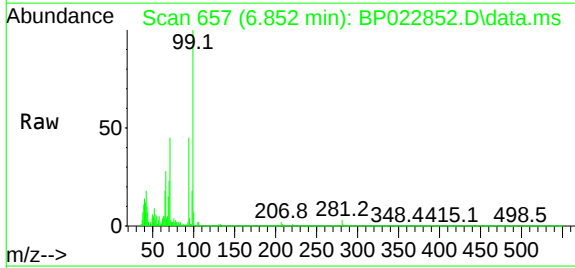
#8
Phenol
Concen: 1.263 ng/ul
RT: 6.852 min Scan# 657
Delta R.T. -0.006 min
Lab File: BP022852.D
Acq: 05 Nov 2024 08:31

Instrument :
BNA_P
ClientSampleId :
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Tgt	Ion: 94	Resp: 11075
Ion	Ratio	Lower Upper
94	100	
65	41.2	25.9 38.9
66	61.7	37.6 56.4

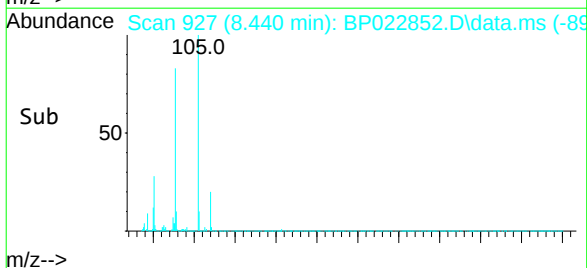
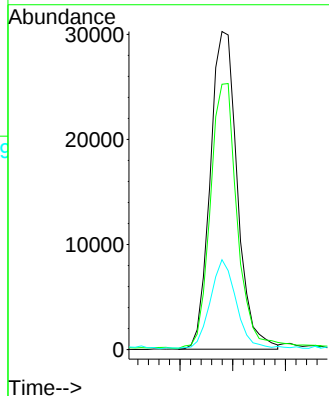
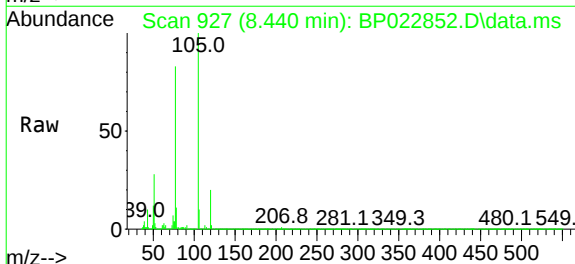
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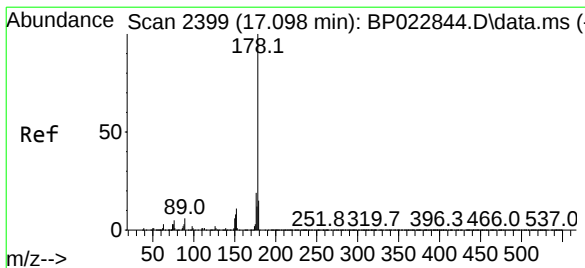
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#16
Acetophenone
Concen: 4.871 ng/ul
RT: 8.440 min Scan# 927
Delta R.T. -0.012 min
Lab File: BP022852.D
Acq: 05 Nov 2024 08:31

Tgt	Ion:105	Resp: 54081
Ion	Ratio	Lower Upper
105	100	
77	83.4	69.0 103.4
51	28.3	22.6 33.8





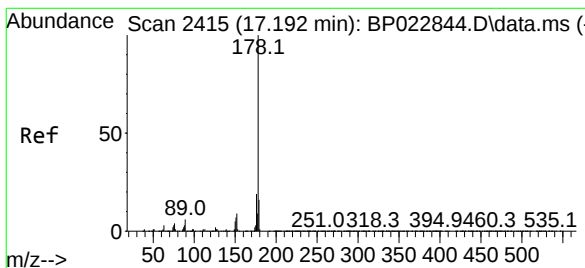
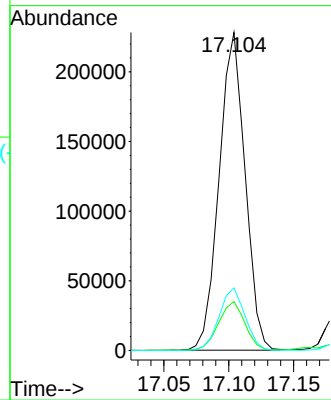
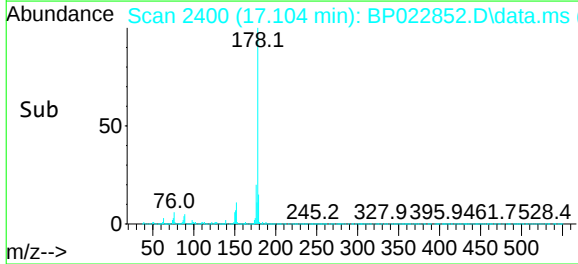
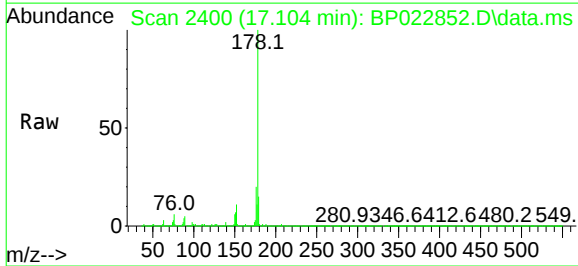
#72
Phenanthrene
Concen: 8.605 ng/u1
RT: 17.104 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP022852.D
Acq: 05 Nov 2024 08:31

Instrument :
BNA_P
ClientSampleId :
A4EF7

Tgt Ion:178 Resp: 317222
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 19.7 15.7 23.5

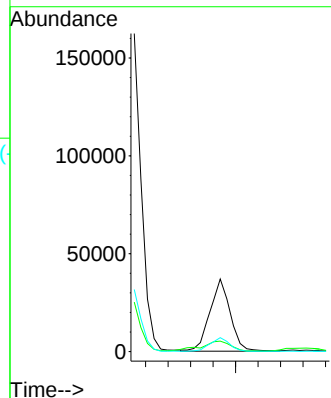
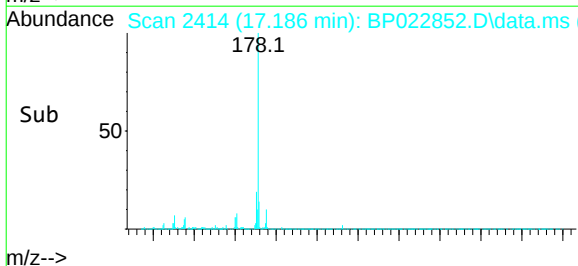
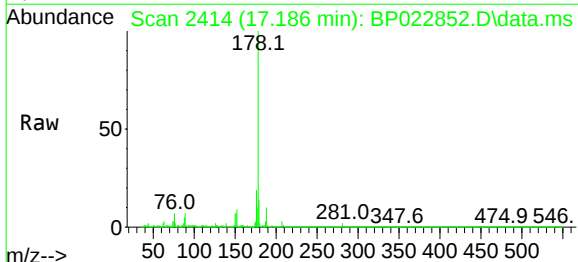
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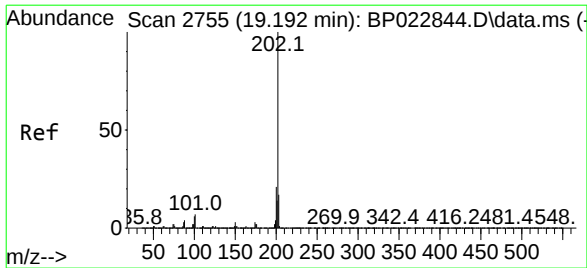
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#74
Anthracene
Concen: 1.261 ng/u1
RT: 17.186 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BP022852.D
Acq: 05 Nov 2024 08:31

Tgt Ion:178 Resp: 46401
Ion Ratio Lower Upper
178 100
179 14.4 12.0 18.0
176 19.2 15.0 22.4





#80

Fluoranthene

Concen: 10.670 ng/u1

RT: 19.192 min Scan# 27

Delta R.T. -0.000 min

Lab File: BP022852.D

Acq: 05 Nov 2024 08:31

Instrument :

BNA_P

ClientSampleId :

A4EF7

Tgt Ion:202 Resp: 457308

Ion Ratio Lower Upper

202 100

101 6.5 5.8 8.8

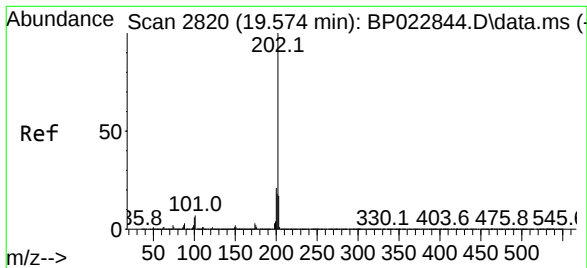
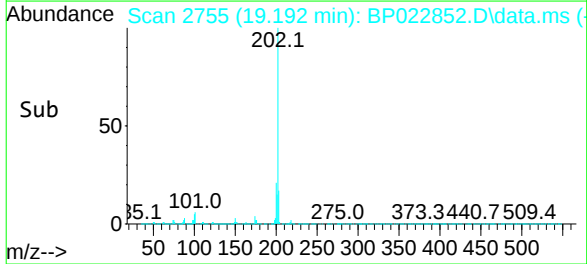
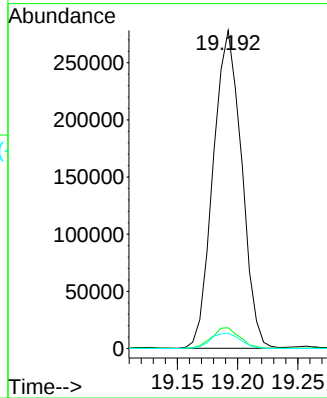
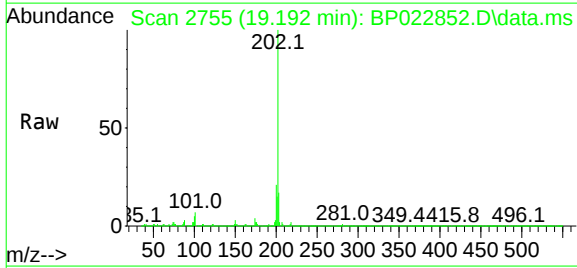
100 4.8 4.5 6.7

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#82

Pyrene

Concen: 6.891 ng/u1

RT: 19.563 min Scan# 2818

Delta R.T. -0.012 min

Lab File: BP022852.D

Acq: 05 Nov 2024 08:31

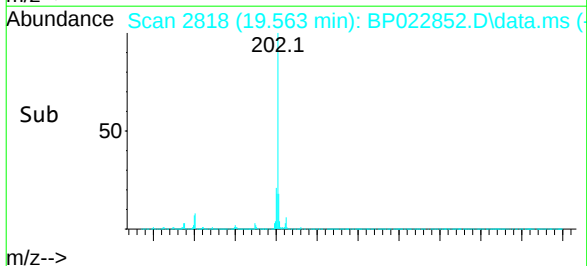
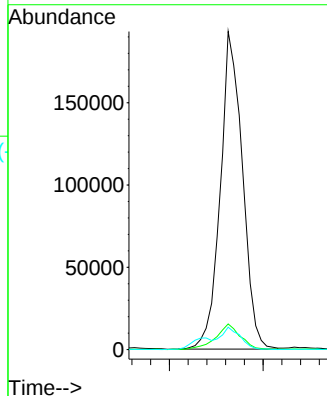
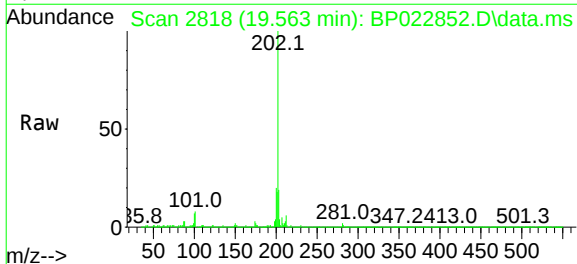
Tgt Ion:202 Resp: 316536

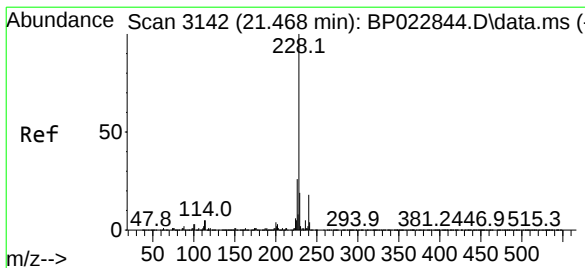
Ion Ratio Lower Upper

202 100

101 8.1 6.7 10.1

100 7.0 5.8 8.6





#85

Benzo(a)anthracene

Concen: 4.615 ng/u1

RT: 21.468 min Scan# 3142

Delta R.T. -0.006 min

Lab File: BP022852.D

Acq: 05 Nov 2024 08:31

Instrument :

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ClientSampleId :

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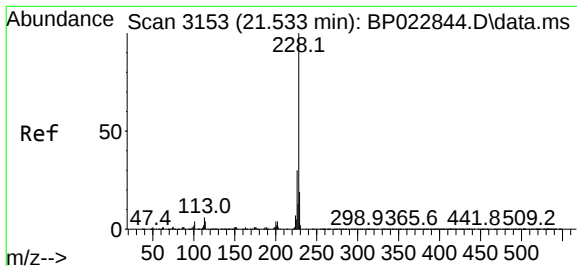
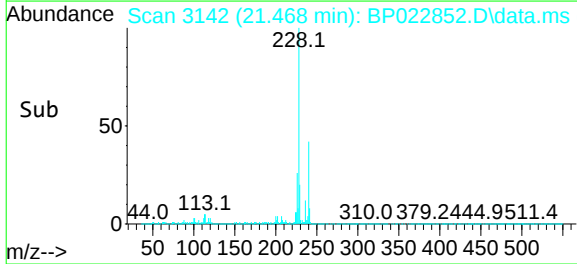
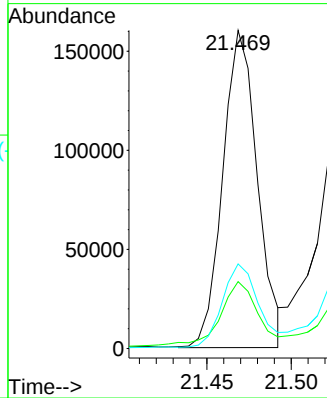
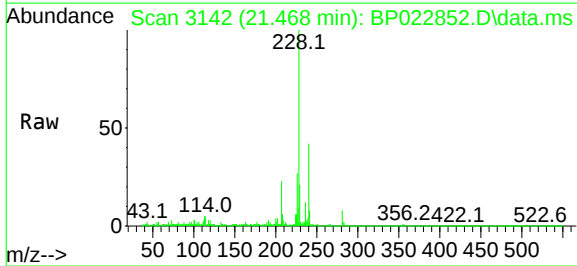
Tgt Ion:228	Resp: 228079
Ion Ratio	Lower Upper
228 100	
229 21.0	15.4 23.0
226 26.6	21.5 32.3

Manual Integrations

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Supervised By :mohammad ahmed 11/08/2024



#87

Chrysene

Concen: 5.241 ng/u1

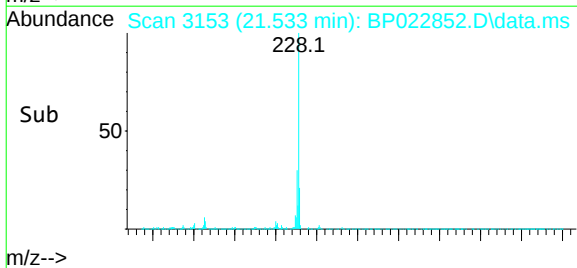
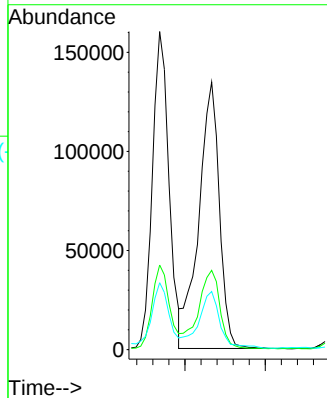
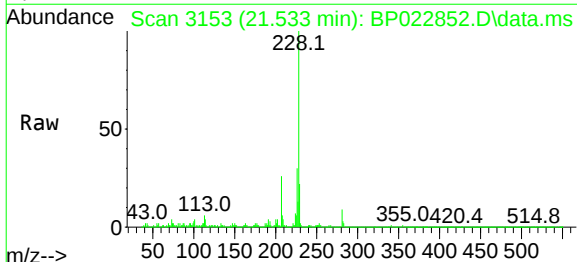
RT: 21.533 min Scan# 3153

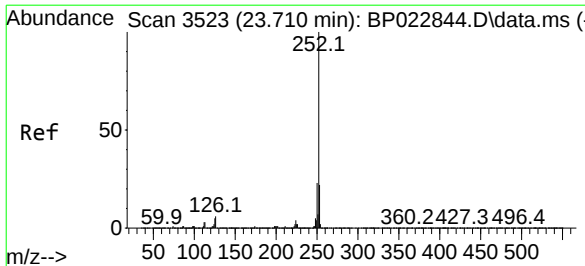
Delta R.T. -0.018 min

Lab File: BP022852.D

Acq: 05 Nov 2024 08:31

Tgt Ion:228	Resp: 240163
Ion Ratio	Lower Upper
228 100	
226 29.6	23.8 35.8
229 21.7	15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 5.696 ng/u1 m

RT: 23.721 min Scan# 3523

Delta R.T. -0.000 min

Lab File: BP022852.D

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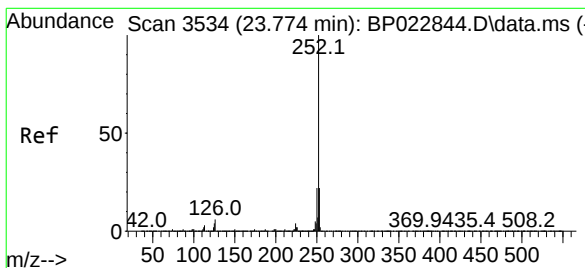
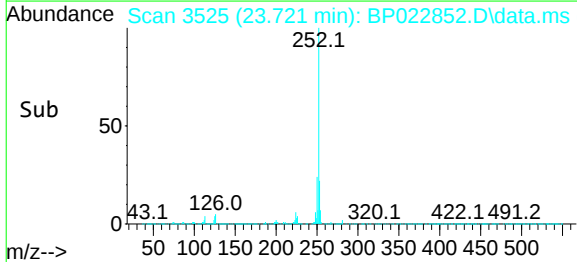
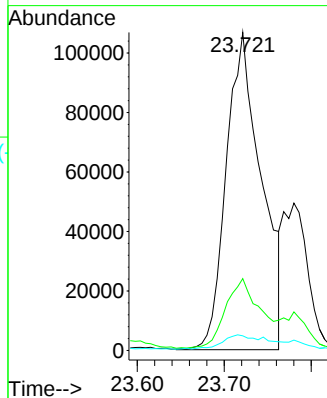
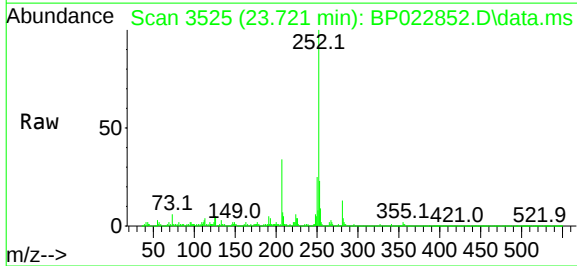
Tgt Ion:252	Resp: 299660
Ion Ratio	Lower Upper
252 100	
253 22.6	17.8 26.8
125 4.6	5.0 7.4

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#91

Benzo(k)fluoranthene

Concen: 1.879 ng/u1 m

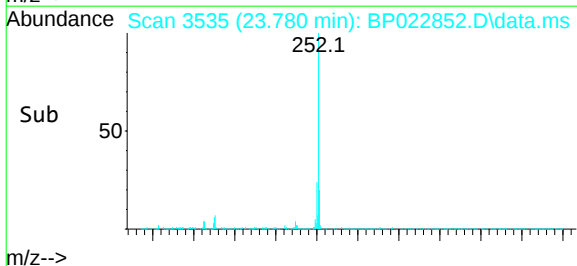
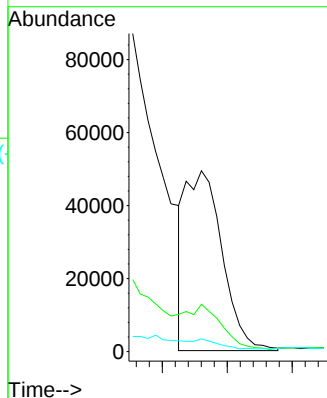
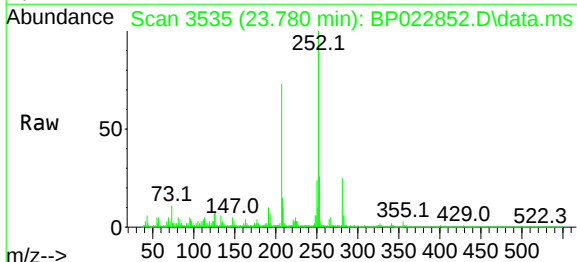
RT: 23.780 min Scan# 3535

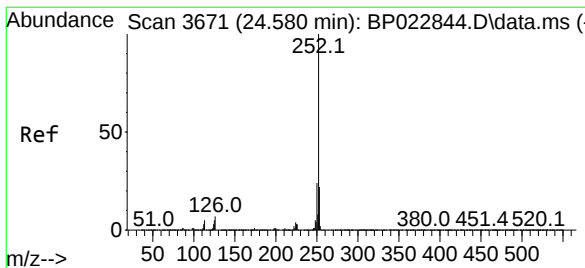
Delta R.T. -0.012 min

Lab File: BP022852.D

Acq: 05 Nov 2024 08:31

Tgt Ion:252	Resp: 96796
Ion Ratio	Lower Upper
252 100	
253 26.2	17.4 26.0
125 7.1	4.6 6.8





#93

Benzo(a)pyrene

Concen: 1.614 ng/u1

RT: 24.592 min Scan# 3671

Delta R.T. -0.006 min

Lab File: BP022852.D

Acq: 05 Nov 2024 08:31

Instrument :

BNA_P

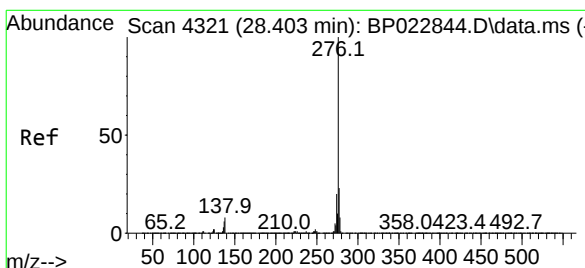
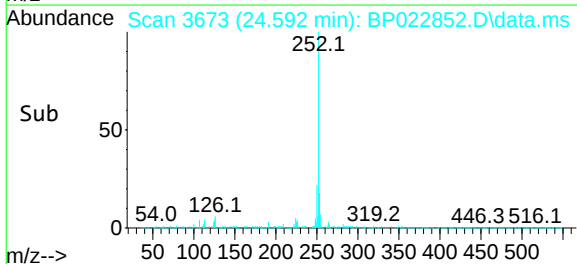
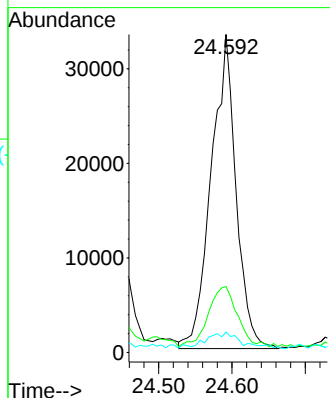
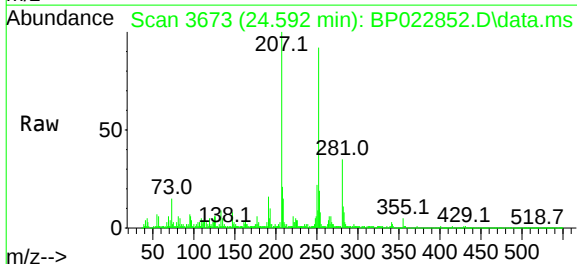
ClientSampleId :

A4EF7

Tgt	Ion:252	Resp:	78167
Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.7	26.5
125	6.4	4.9	7.3

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Supervised By :mohammad ahmed 11/08/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.271 ng/u1 m

RT: 28.433 min Scan# 4326

Delta R.T. -0.006 min

Lab File: BP022852.D

Acq: 05 Nov 2024 08:31

Tgt	Ion:276	Resp:	82108
Ion	Ratio	Lower	Upper
276	100		
138	13.2	9.1	13.7
277	25.8	18.6	27.8

