

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022524.D
 Acq On : 22 Oct 2024 04:19
 Operator : RC/JU
 Sample : P4414-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4FA2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 22 05:01:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 18 11:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	106156	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	402625	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	320042	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	780457	20.000	ng/u1	-0.01
79) Chrysene-d12	21.504	240	765994	20.000	ng/u1	0.00
88) Perylene-d12	24.763	264	915723	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	8534	3.124	ng/uL	0.00
4) Pyridine-d5	3.611	84	119279	15.905	ng/u1	0.00
7) Phenol-d5	6.864	99	171896	19.237	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.011	67	101261	19.280	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	128905	20.330	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	144949	20.326	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	64705	20.901	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	78529	21.910	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	159825	20.981	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	174652	19.403	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	556509	21.886	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	594675	22.019	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	71621	16.789	ng/u1	0.01
60) Fluorene-d10	15.281	176	495788	22.479	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	58010	11.302	ng/u1	0.00
73) Anthracene-d10	17.181	188	845744	23.036	ng/u1	0.01
81) Pyrene-d10	19.551	212	1020127	25.184	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.539	264	1122466	22.952	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.116	178	295355	7.073	ng/u1	99
74) Anthracene	17.222	178	54117	1.299	ng/u1	99
80) Fluoranthene	19.204	202	458229	9.840	ng/u1	99
82) Pyrene	19.586	202	357051	7.154	ng/u1	99
85) Benzo(a)anthracene	21.486	228	166630	3.103	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.416	149	91489	3.668	ng/u1	97
87) Chrysene	21.557	228	156803	3.149	ng/u1	98
90) Benzo(b)fluoranthene	23.733	252	196076	3.402	ng/u1	98
91) Benzo(k)fluoranthene	23.792	252	76687m	1.359	ng/u1	
93) Benzo(a)pyrene	24.604	252	141995	2.677	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.462	276	97444	1.376	ng/u1	98
96) Benzo(g,h,i)perylene	29.592	276	88917m	1.615	ng/u1	

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

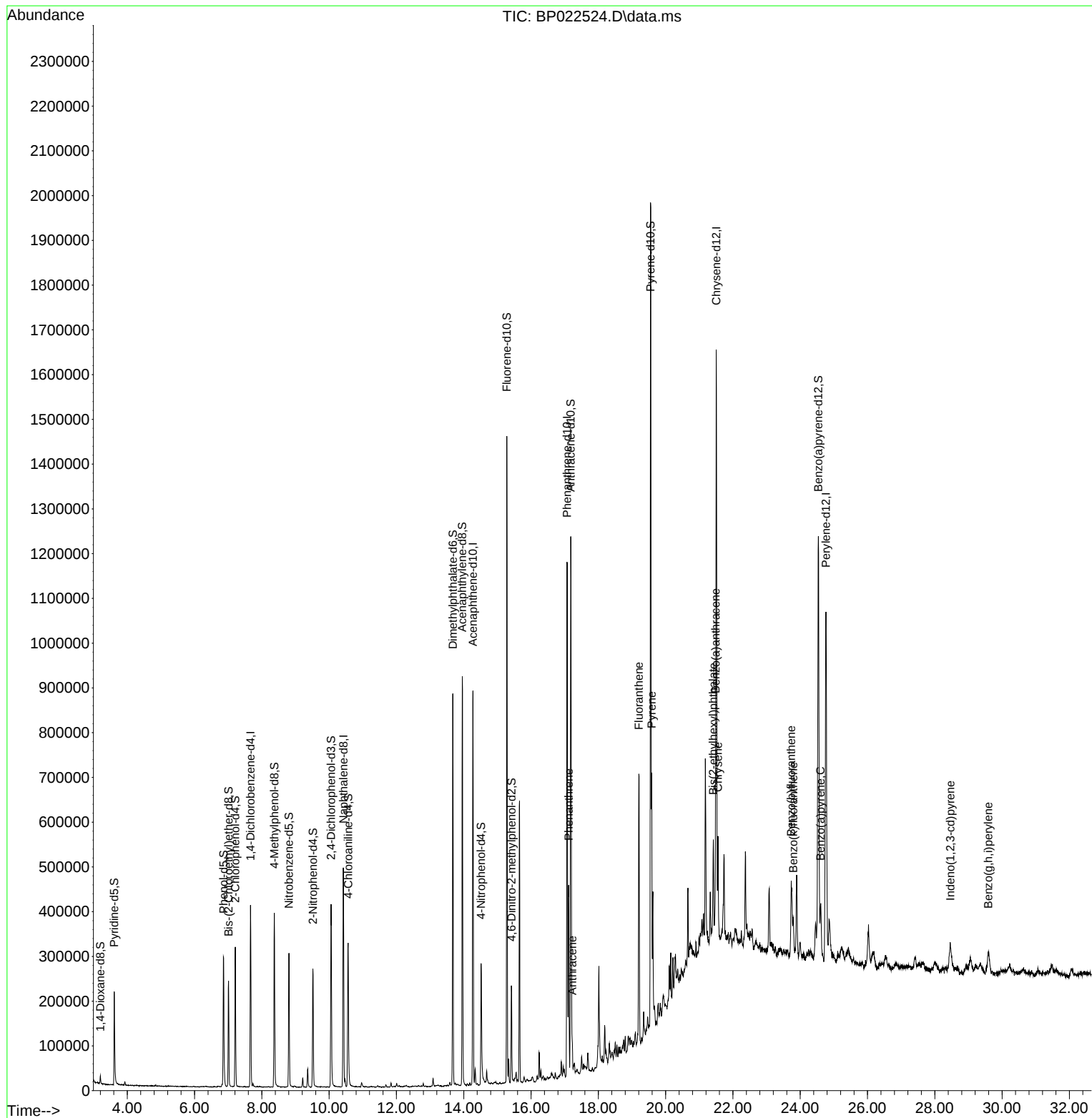
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022524.D
Acq On : 22 Oct 2024 04:19
Operator : RC/JU
Sample : P4414-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

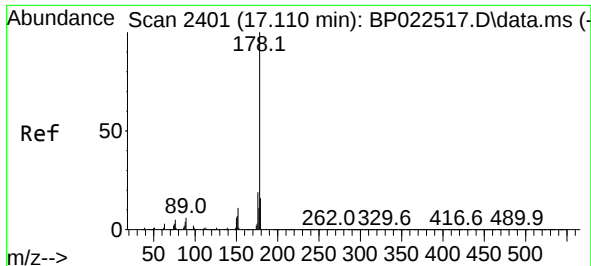
Instrument :
BNA_P
ClientSampleId :
A4FA2

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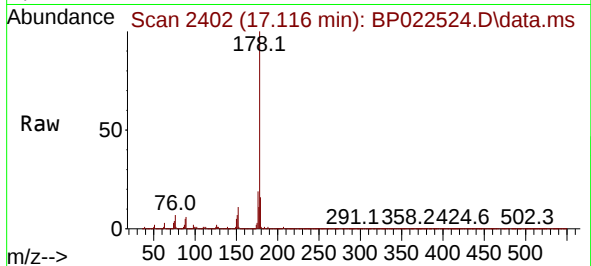
Quant Time: Oct 22 05:01:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 7.073 ng/u1
RT: 17.116 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BP022524.D
Acq: 22 Oct 2024 04:19

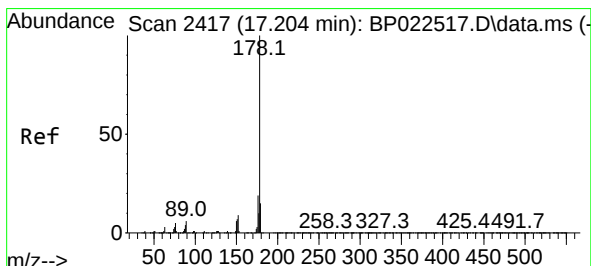
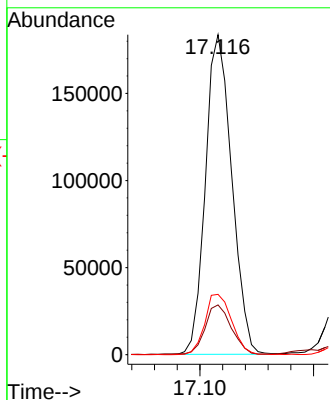
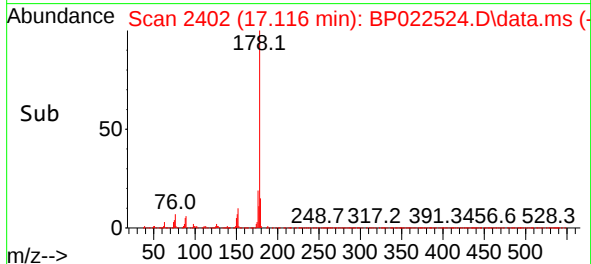
Instrument :
BNA_P
ClientSampleId :
A4FA2



Tgt Ion:178 Resp: 29535
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.4
176 18.8 15.7 23.5

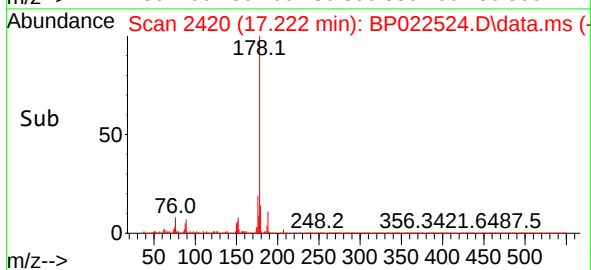
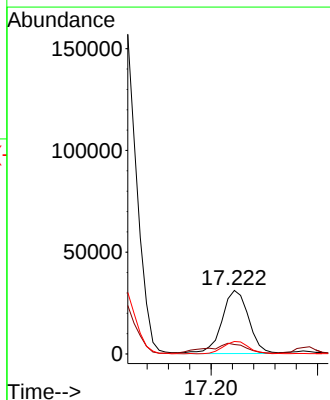
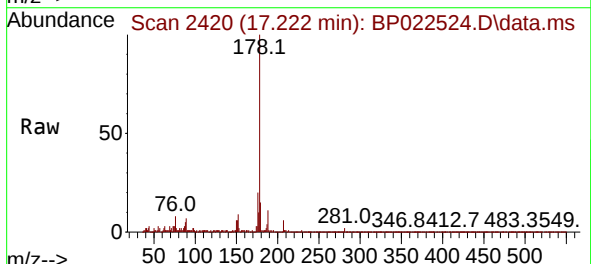
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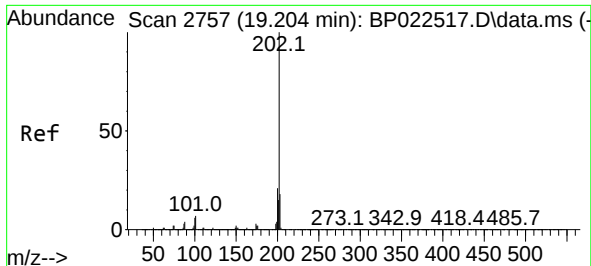
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#74
Anthracene
Concen: 1.299 ng/u1
RT: 17.222 min Scan# 2420
Delta R.T. 0.018 min
Lab File: BP022524.D
Acq: 22 Oct 2024 04:19

Tgt Ion:178 Resp: 54117
Ion Ratio Lower Upper
178 100
179 14.9 12.0 18.0
176 19.6 15.0 22.4





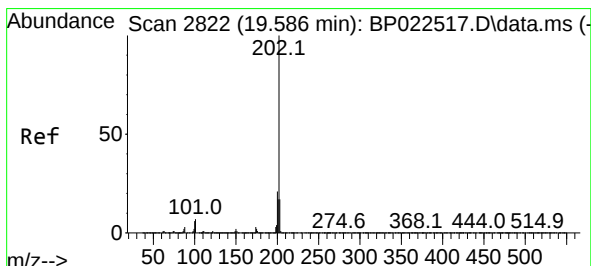
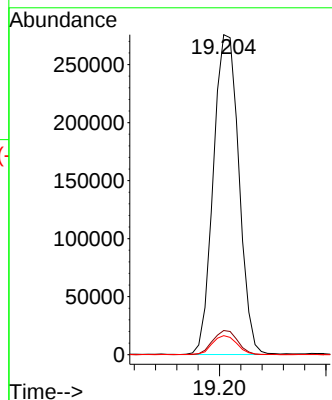
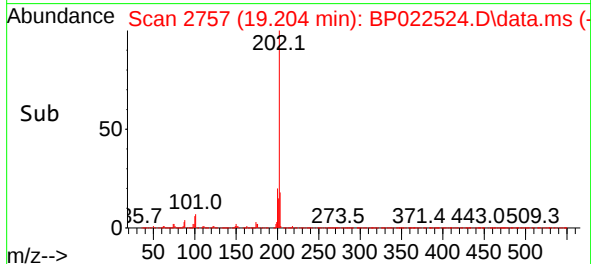
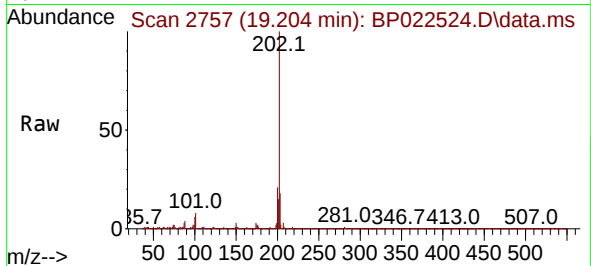
#80
Fluoranthene
Concen: 9.840 ng/u1
RT: 19.204 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP022524.D
Acq: 22 Oct 2024 04:19

Instrument :
BNA_P
ClientSampleId :
A4FA2

Tgt Ion:202 Resp: 458229
Ion Ratio Lower Upper
202 100
101 7.6 5.8 8.8
100 6.0 4.5 6.7

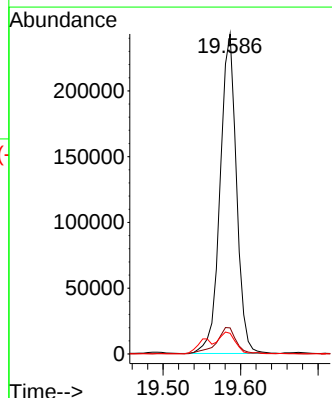
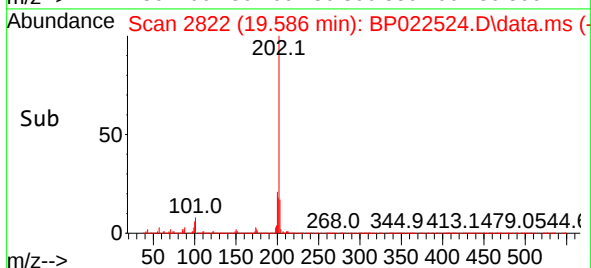
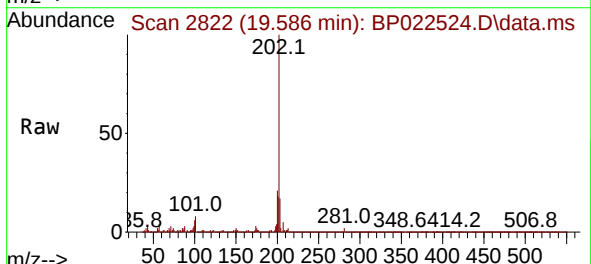
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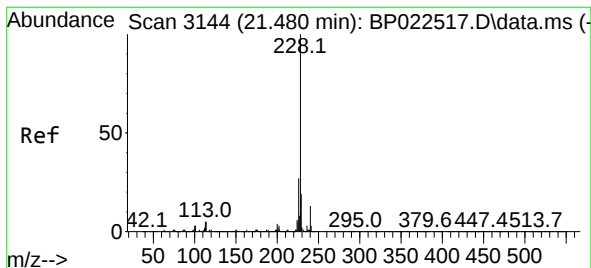
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/25/2024



#82
Pyrene
Concen: 7.154 ng/u1
RT: 19.586 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BP022524.D
Acq: 22 Oct 2024 04:19

Tgt Ion:202 Resp: 357051
Ion Ratio Lower Upper
202 100
101 8.1 6.7 10.1
100 6.4 5.8 8.6





#85

Benzo(a)anthracene

Concen: 3.103 ng/ul

RT: 21.486 min Scan# 3144

Delta R.T. 0.006 min

Lab File: BP022524.D

Acq: 22 Oct 2024 04:19

Instrument :

BNA_P

ClientSampleId :

A4FA2

Tgt Ion:228 Resp: 166630

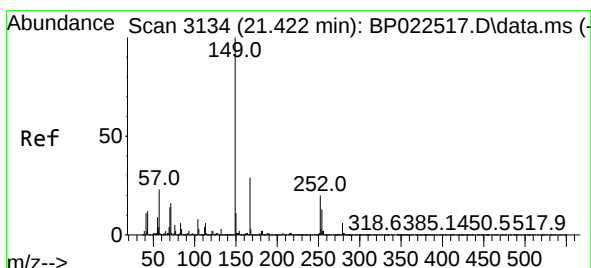
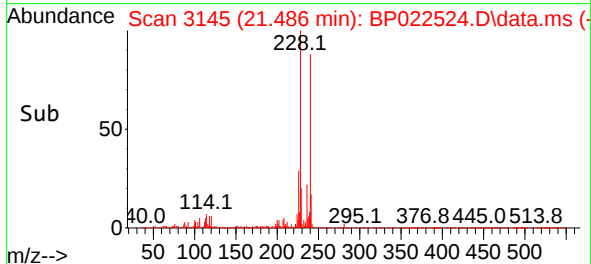
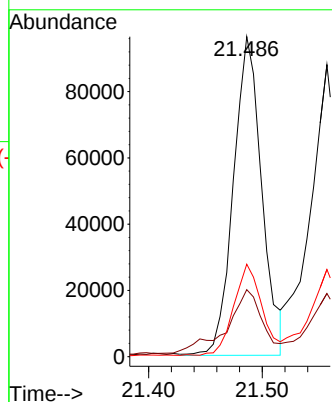
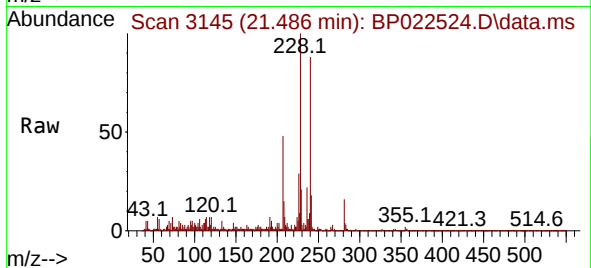
Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.0
226	28.9	21.5	32.3

Manual Integrations

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#86

Bis(2-ethylhexyl)phthalate

Concen: 3.668 ng/ul

RT: 21.416 min Scan# 3133

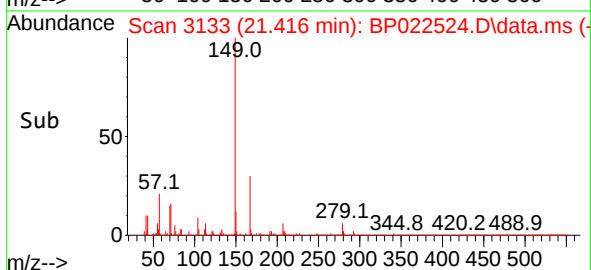
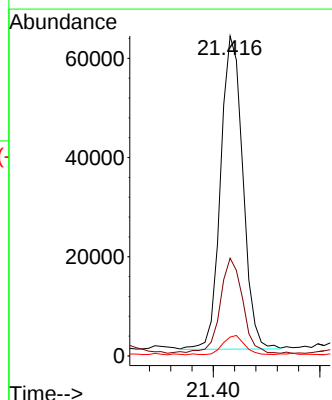
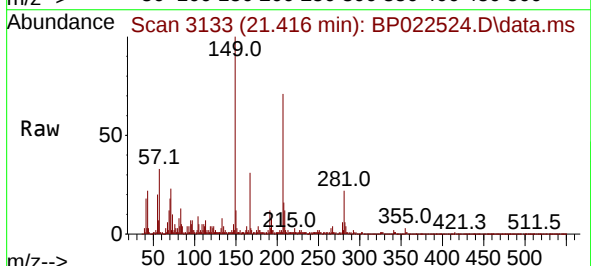
Delta R.T. 0.000 min

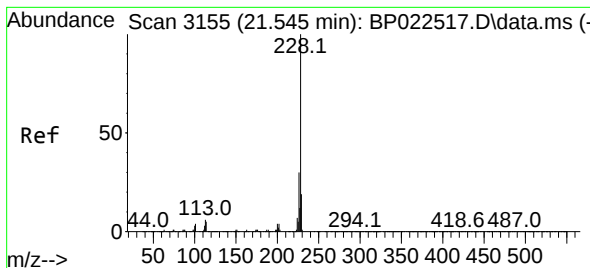
Lab File: BP022524.D

Acq: 22 Oct 2024 04:19

Tgt Ion:149 Resp: 91489

Ion	Ratio	Lower	Upper
149	100		
167	30.6	23.0	34.4
279	5.9	4.8	7.2





#87

Chrysene

Concen: 3.149 ng/ul

RT: 21.557 min Scan# 3155

Delta R.T. 0.012 min

Lab File: BP022524.D

Acq: 22 Oct 2024 04:19

Instrument :

BNA_P

ClientSampleId :

A4FA2

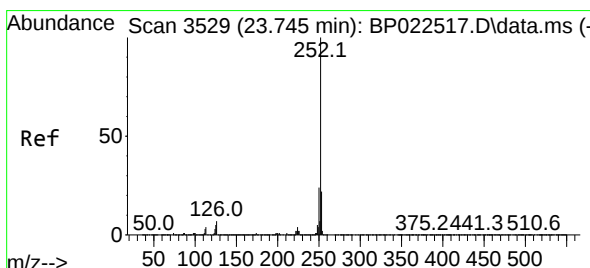
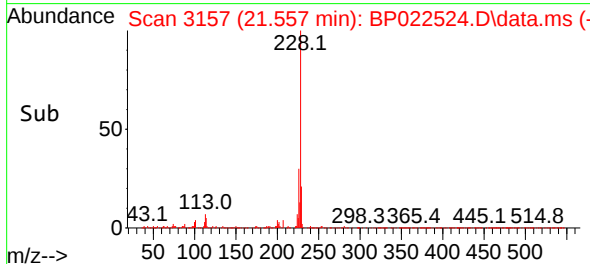
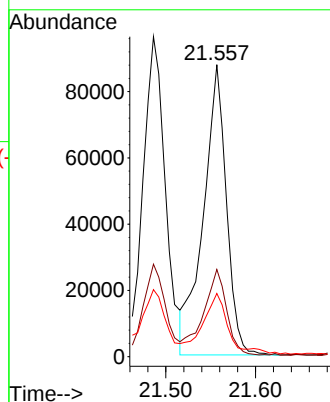
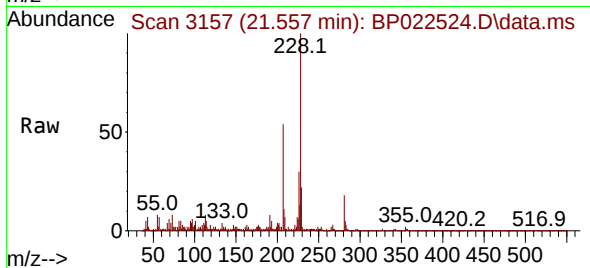
Tgt Ion:228	Resp: 15680
Ion Ratio	Lower Upper
228 100	
226 29.9	23.8 35.8
229 21.6	15.5 23.3

Manual Integrations

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Supervised By :mohammad ahmed 10/25/2024



#90

Benzo(b)fluoranthene

Concen: 3.402 ng/ul

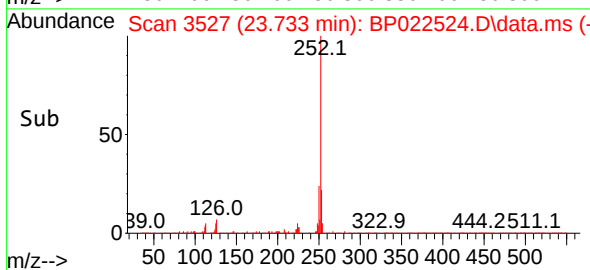
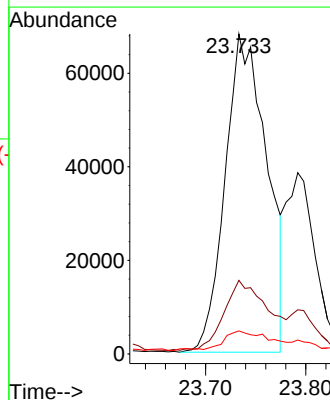
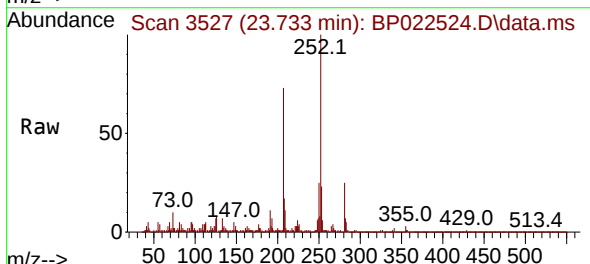
RT: 23.733 min Scan# 3527

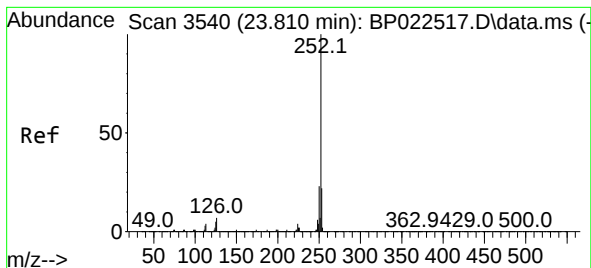
Delta R.T. 0.012 min

Lab File: BP022524.D

Acq: 22 Oct 2024 04:19

Tgt Ion:252	Resp: 196076
Ion Ratio	Lower Upper
252 100	
253 23.0	17.8 26.8
125 7.2	5.0 7.4





#91

Benzo(k)fluoranthene

Concen: 1.359 ng/ul m

RT: 23.792 min Scan# 3537

Delta R.T. 0.000 min

Lab File: BP022524.D

Acq: 22 Oct 2024 04:19

Instrument :

BNA_P

ClientSampleId :

A4FA2

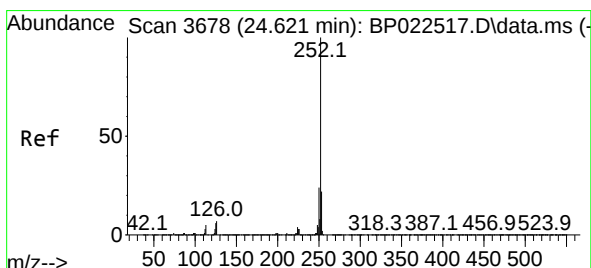
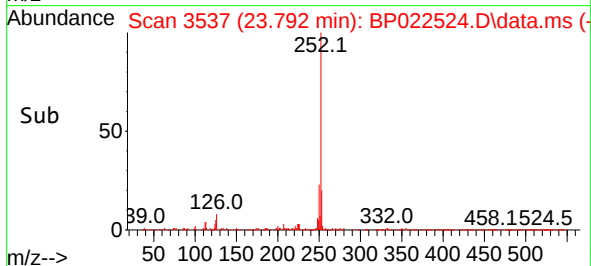
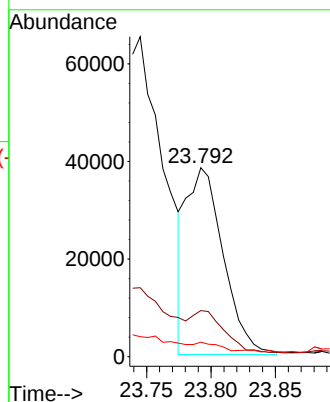
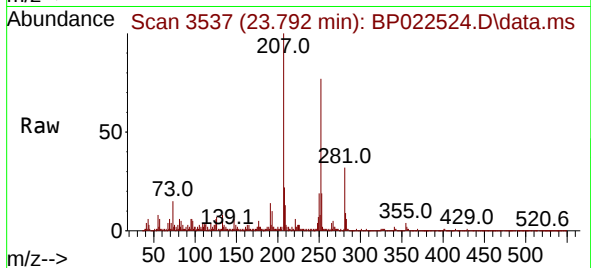
Tgt Ion:	252	Resp:	7668
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.4	26.0
125	7.7	4.6	6.8

Manual Integrations

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Supervised By :mohammad ahmed 10/25/2024



#93

Benzo(a)pyrene

Concen: 2.677 ng/ul

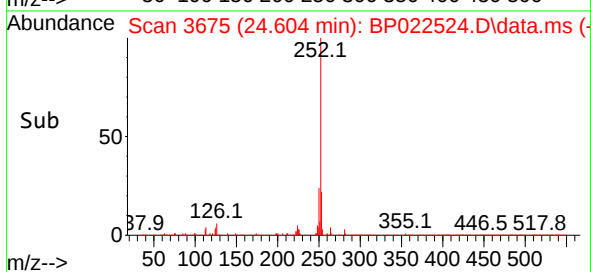
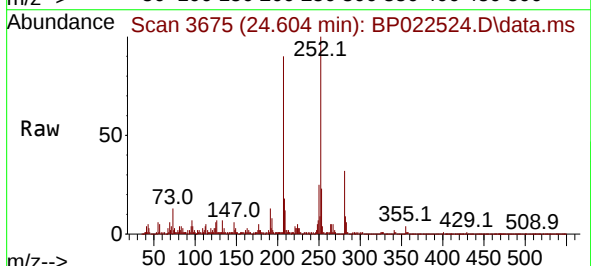
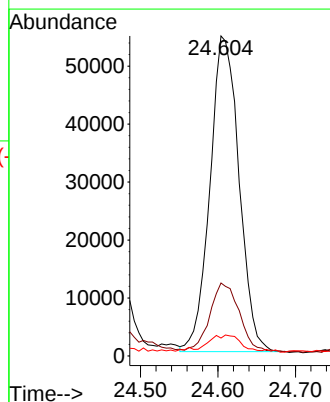
RT: 24.604 min Scan# 3675

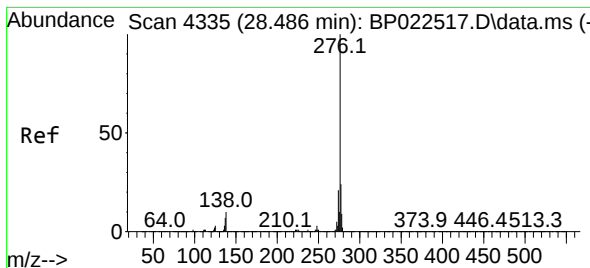
Delta R.T. 0.000 min

Lab File: BP022524.D

Acq: 22 Oct 2024 04:19

Tgt Ion:	252	Resp:	141995
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.7	26.5
125	5.6	4.9	7.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.376 ng/ul

RT: 28.462 min Scan# 41

Delta R.T. 0.030 min

Lab File: BP022524.D

Acq: 22 Oct 2024 04:19

Instrument :

BNA_P

ClientSampleId :

A4FA2

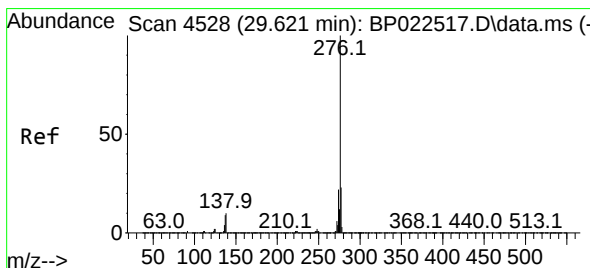
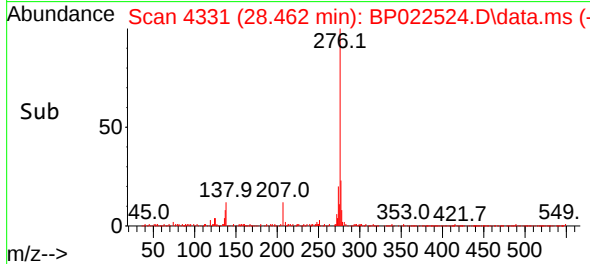
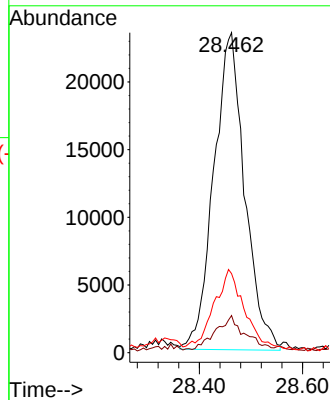
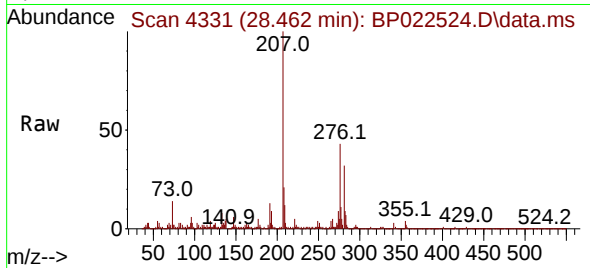
Tgt Ion:	276	Resp:	9744
Ion Ratio	Lower	Upper	
276	100		
138	11.6	9.1	13.7
277	24.7	18.6	27.8

Manual Integrations

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Supervised By :mohammad ahmed 10/25/2024



#96

Benzo(g,h,i)perylene

Concen: 1.615 ng/ul m

RT: 29.592 min Scan# 4523

Delta R.T. 0.018 min

Lab File: BP022524.D

Acq: 22 Oct 2024 04:19

Tgt Ion:	276	Resp:	88917
Ion Ratio	Lower	Upper	
276	100		
138	9.8	8.5	12.7
277	21.9	19.0	28.4

