

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101124\
 Data File : BP022343.D
 Acq On : 11 Oct 2024 20:55
 Operator : RC/JU
 Sample : P4237-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EQ0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 12 01:15:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 02:14:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	110789	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	430226	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	334785	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	783506	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	787731	20.000	ng/u1	0.02
88) Perylene-d12	24.839	264	937808	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	5069	1.778	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	0.00
7) Phenol-d5	6.893	99	87038	9.333	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	55649	10.153	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	72800	11.001	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	57905	7.780	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	34738	10.501	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	41188	10.755	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	85322	10.482	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	61624	6.407	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	278411	10.467	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	320072	11.329	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	24603	5.513	ng/u1	0.01
60) Fluorene-d10	15.310	176	267340	11.587	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	35016m	6.795	ng/u1	0.00
73) Anthracene-d10	17.210	188	425808	11.553	ng/u1	0.00
81) Pyrene-d10	19.592	212	510114	12.246	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.610	264	475143	9.487	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.151	178	194031	4.629	ng/u1	98
80) Fluoranthene	19.239	202	460238	9.610	ng/u1	98
82) Pyrene	19.622	202	369749	7.204	ng/u1	98
85) Benzo(a)anthracene	21.533	228	217988	3.947	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.457	149	50289	1.961	ng/u1	99
87) Chrysene	21.598	228	231959	4.530	ng/u1	97
90) Benzo(b)fluoranthene	23.804	252	322450	5.462	ng/u1	100
91) Benzo(k)fluoranthene	23.857	252	129786m	2.246	ng/u1	
93) Benzo(a)pyrene	24.680	252	151971	2.797	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.562	276	134010	1.848	ng/u1	95

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

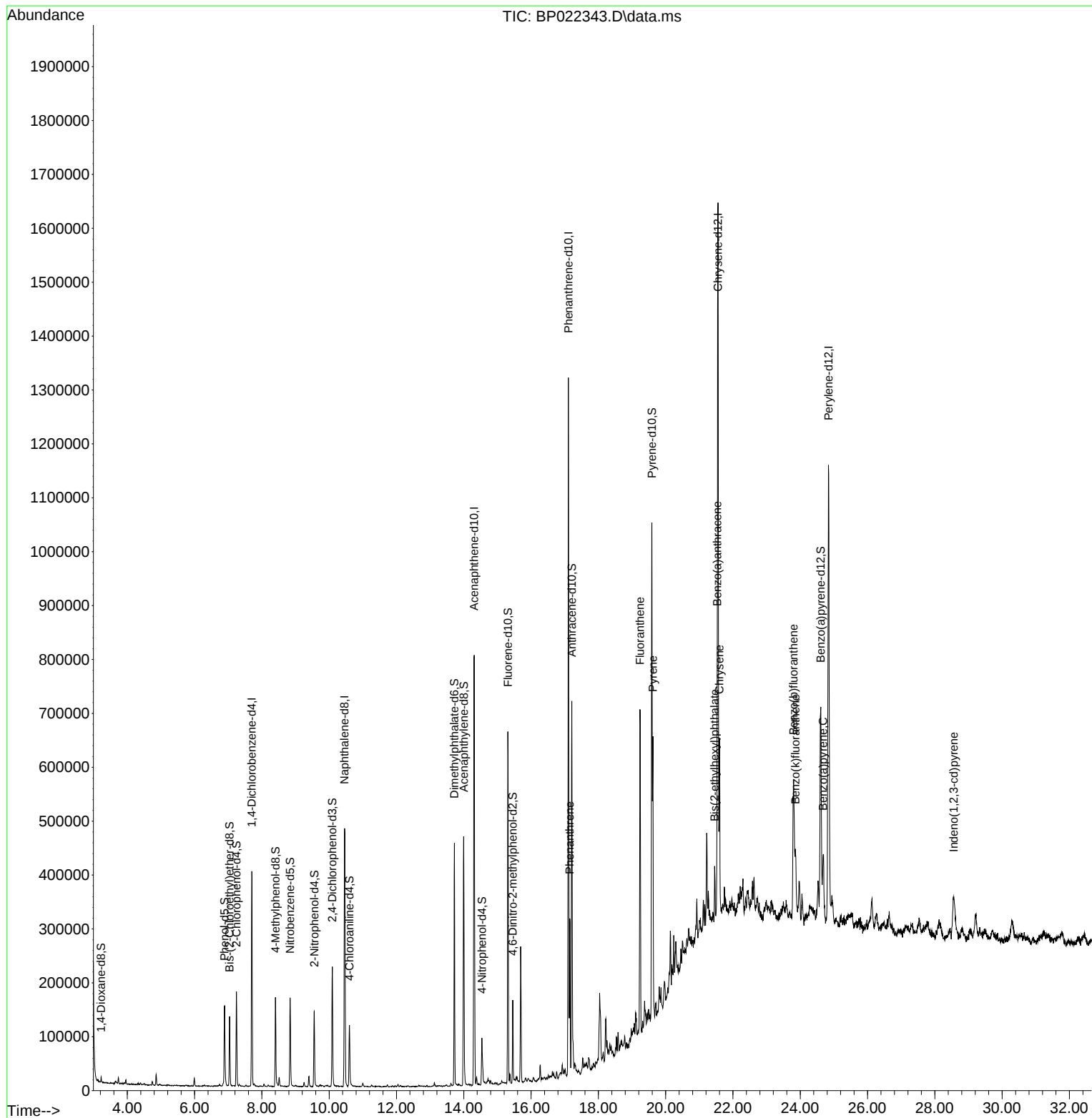
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101124\
Data File : BP022343.D
Acq On : 11 Oct 2024 20:55
Operator : RC/JU
Sample : P4237-19
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ALS Vial : 15 Sample Multiplier: 1

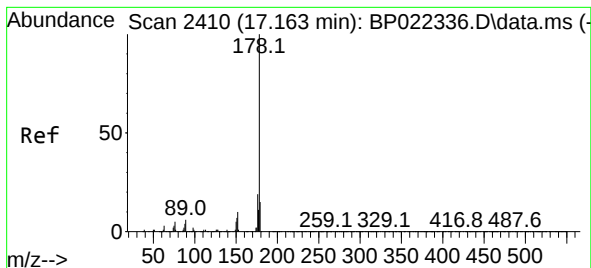
Instrument :
BNA_P
ClientSampleId :
A4EQ0

Quant Time: Oct 12 01:15:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
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#72

Phenanthrene

Concen: 4.629 ng/ul

RT: 17.151 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BP022343.D

Acq: 11 Oct 2024 20:55

Instrument :

BNA_P

ClientSampleId :

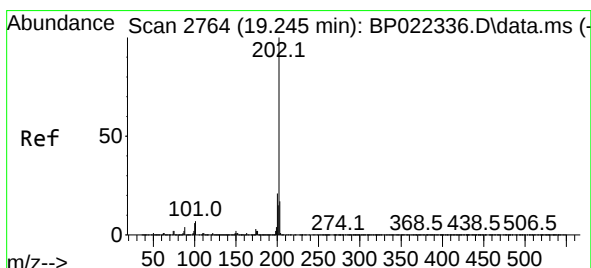
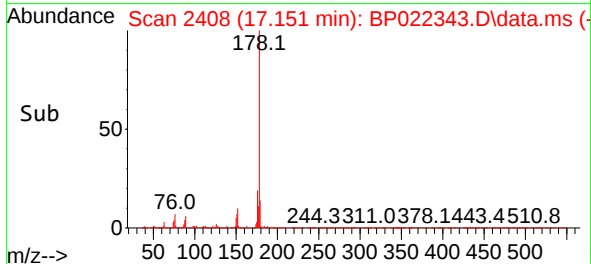
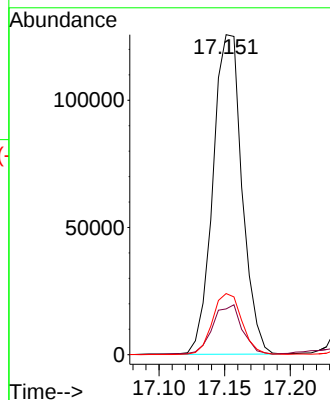
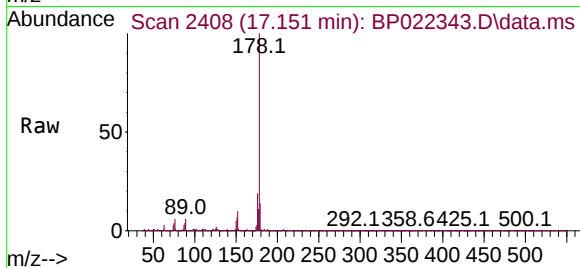
A4EQ0

Tgt Ion:	178	Resp:	19403
Ion Ratio	Lower	Upper	
178	100		
179	14.3	12.2	18.4
176	19.1	15.7	23.5

Manual Integrations

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#80

Fluoranthene

Concen: 9.610 ng/ul

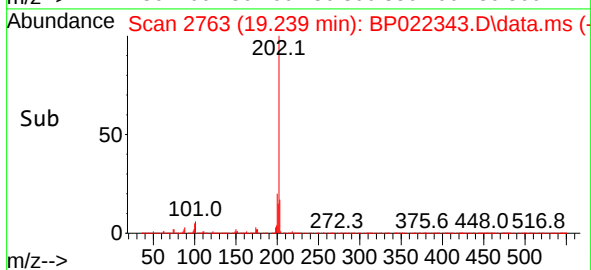
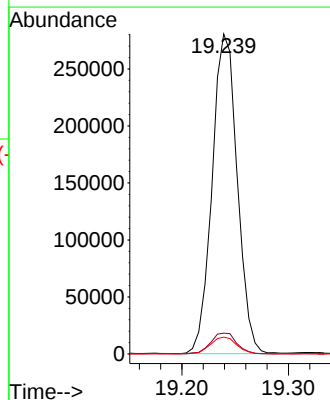
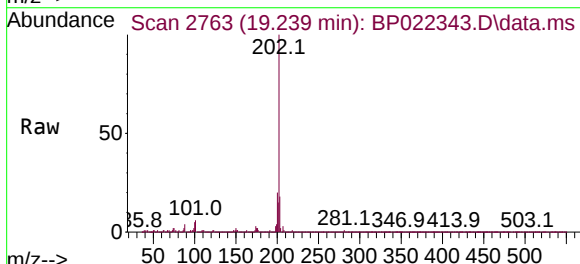
RT: 19.239 min Scan# 2763

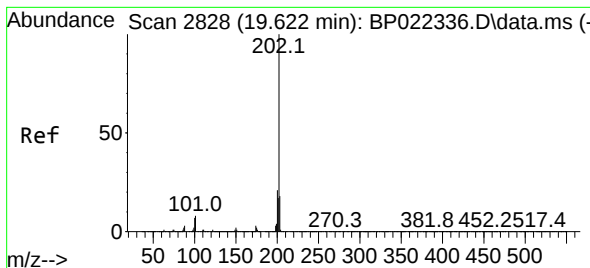
Delta R.T. -0.006 min

Lab File: BP022343.D

Acq: 11 Oct 2024 20:55

Tgt Ion:	202	Resp:	460238
Ion Ratio	Lower	Upper	
202	100		
101	6.5	5.8	8.8
100	5.2	4.5	6.7





#82

Pyrene

Concen: 7.204 ng/ul

RT: 19.622 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP022343.D

Acq: 11 Oct 2024 20:55

Instrument :

BNA_P

ClientSampleId :

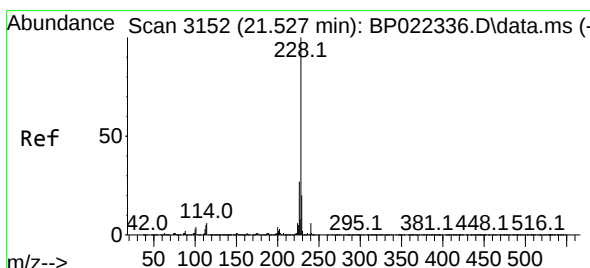
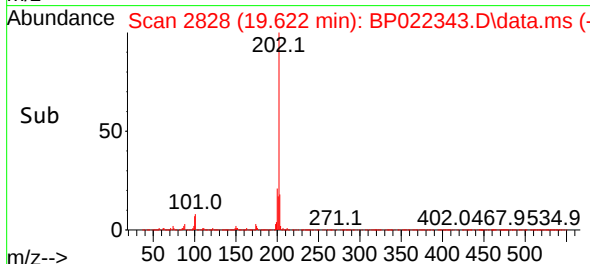
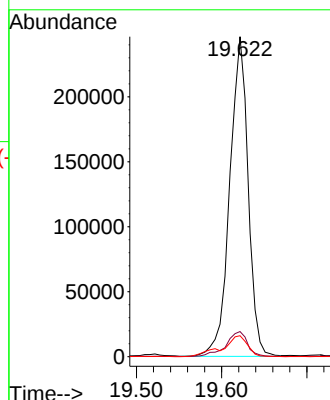
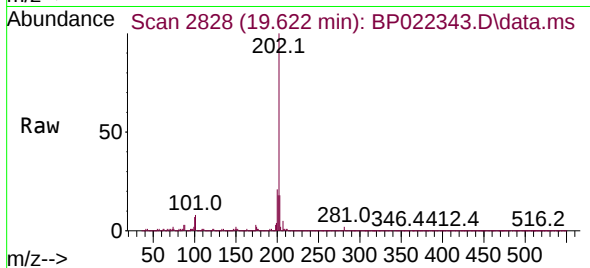
A4EQ0

Tgt Ion:	202	Resp:	369749
Ion Ratio	Lower	Upper	
202	100		
101	7.9	6.7	10.1
100	6.5	5.8	8.6

Manual Integrations

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Supervised By :mohammad ahmed 10/15/2024



#85

Benzo(a)anthracene

Concen: 3.947 ng/ul

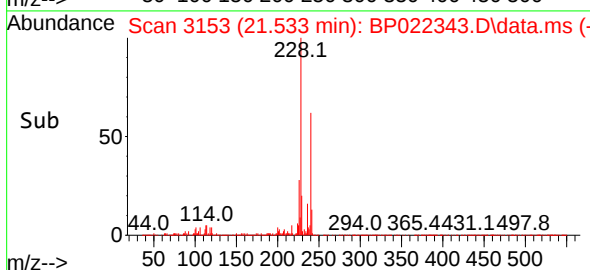
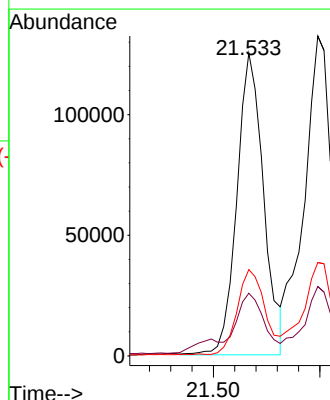
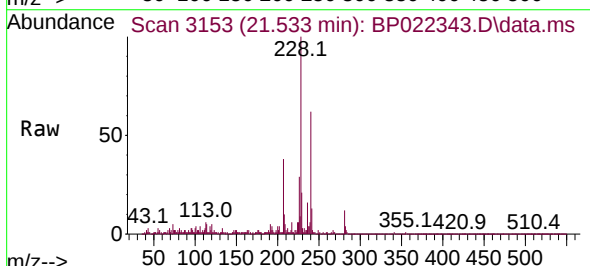
RT: 21.533 min Scan# 3153

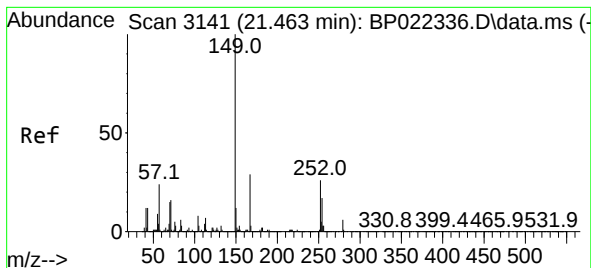
Delta R.T. 0.012 min

Lab File: BP022343.D

Acq: 11 Oct 2024 20:55

Tgt Ion:	228	Resp:	217988
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.4	23.0
226	28.5	21.5	32.3





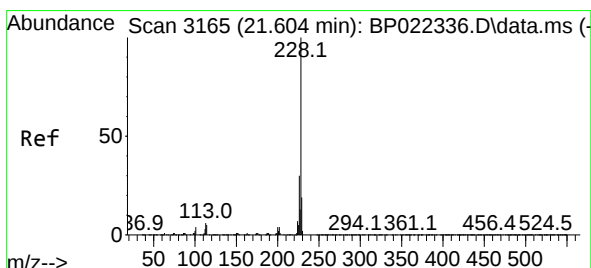
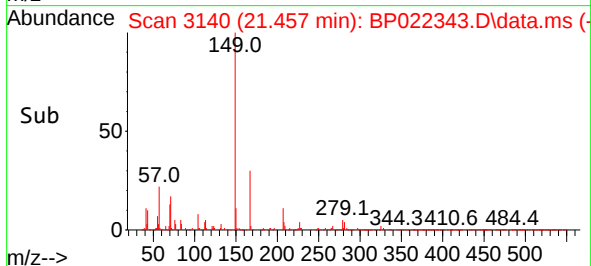
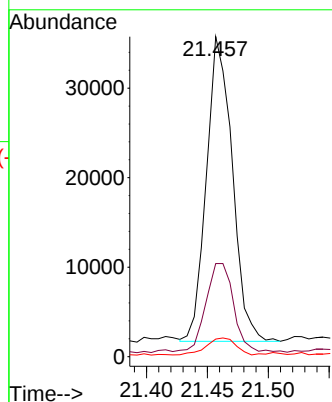
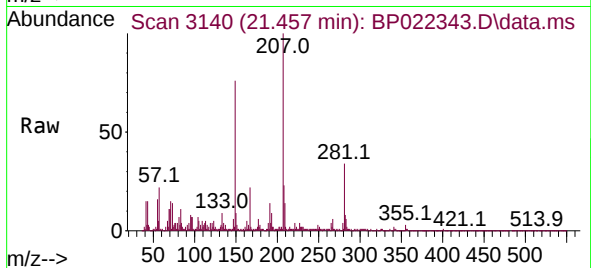
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.961 ng/ul
RT: 21.457 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BP022343.D
Acq: 11 Oct 2024 20:55

Instrument :
BNA_P
ClientSampleId :
A4EQ0

Tgt Ion:149 Resp: 50289
Ion Ratio Lower Upper
149 100
167 29.1 23.0 34.4
279 5.5 4.8 7.2

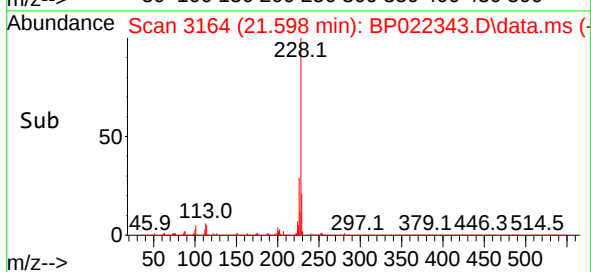
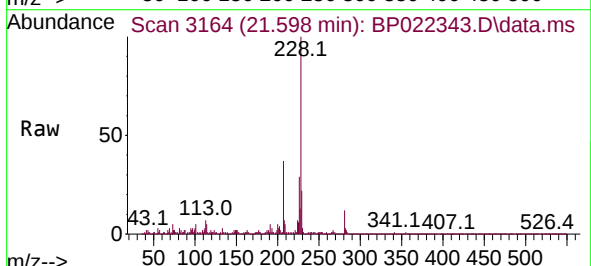
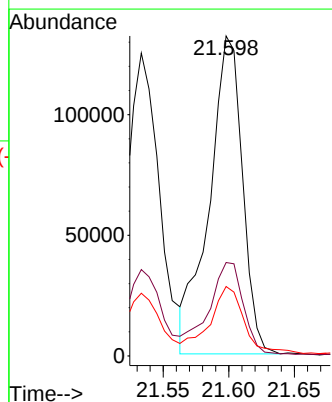
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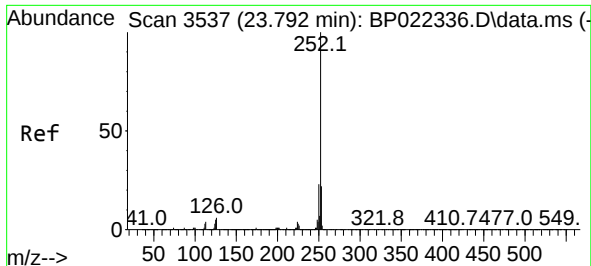
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#87
Chrysene
Concen: 4.530 ng/ul
RT: 21.598 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP022343.D
Acq: 11 Oct 2024 20:55

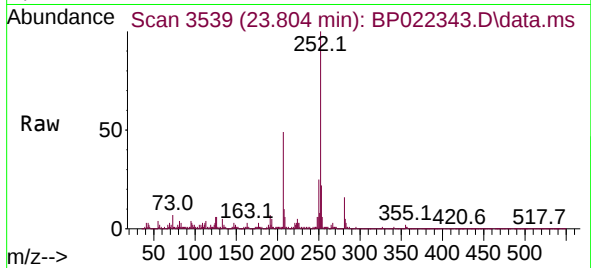
Tgt Ion:228 Resp: 231959
Ion Ratio Lower Upper
228 100
226 29.2 23.8 35.8
229 21.7 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 5.462 ng/ul
RT: 23.804 min Scan# 3537
Delta R.T. 0.018 min
Lab File: BP022343.D
Acq: 11 Oct 2024 20:55

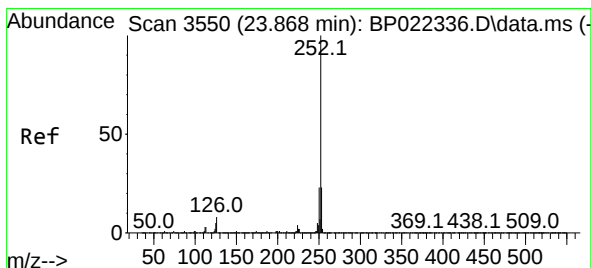
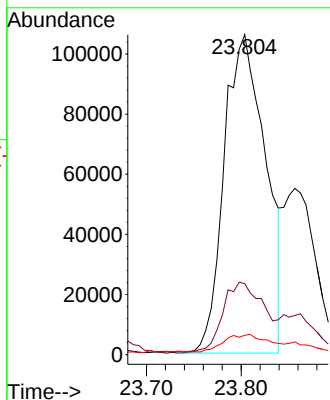
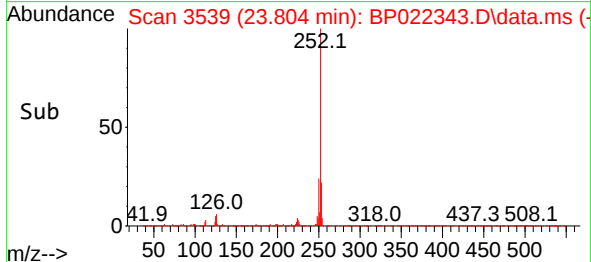
Instrument :
BNA_P
ClientSampleId :
A4EQ0



Tgt Ion:252 Resp: 322450
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 6.1 5.0 7.4

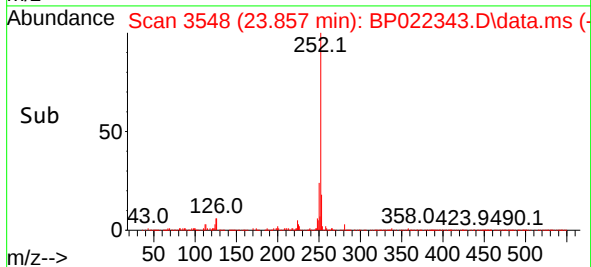
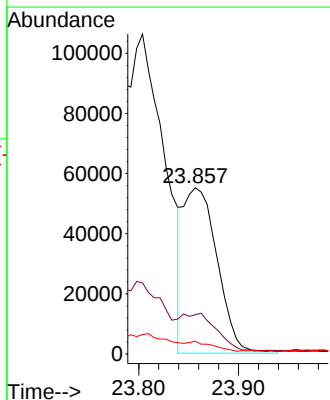
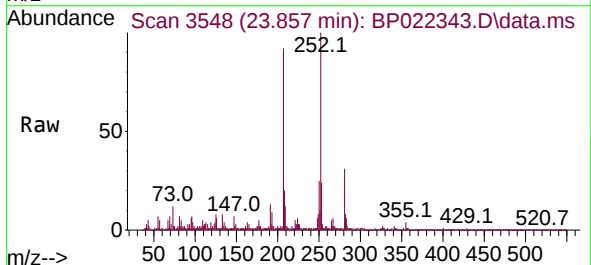
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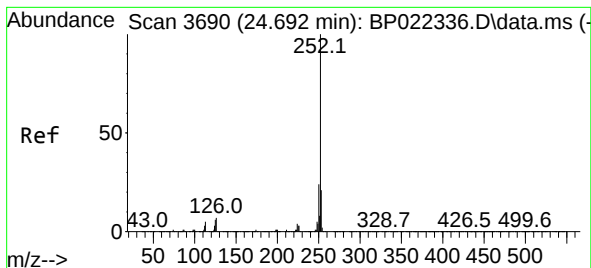
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#91
Benzo(k)fluoranthene
Concen: 2.246 ng/ul m
RT: 23.857 min Scan# 3548
Delta R.T. -0.000 min
Lab File: BP022343.D
Acq: 11 Oct 2024 20:55

Tgt Ion:252 Resp: 129786
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 7.7 4.6 6.8#





#93

Benzo(a)pyrene

Concen: 2.797 ng/ul

RT: 24.680 min Scan# 30

Delta R.T. 0.006 min

Lab File: BP022343.D

Acq: 11 Oct 2024 20:55

Instrument :

BNA_P

ClientSampleId :

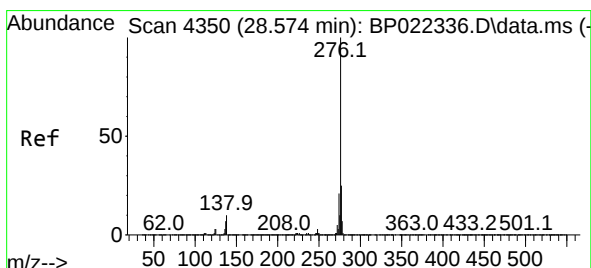
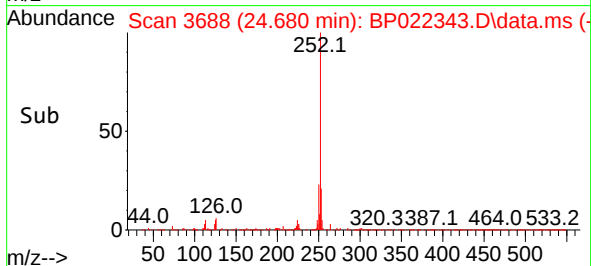
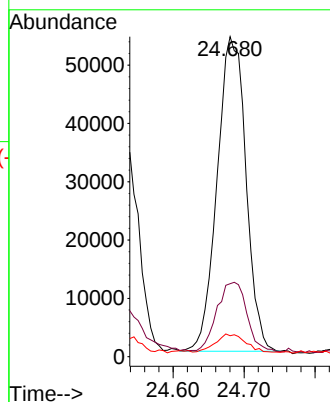
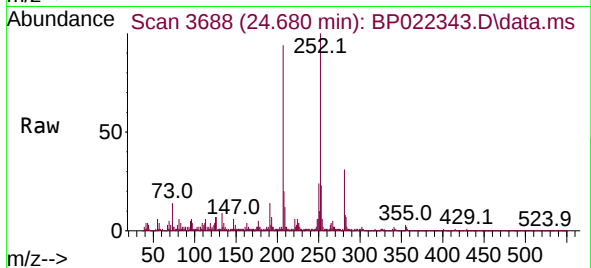
A4EQ0

Tgt Ion:	252	Resp:	15197
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.7	26.5
125	6.5	4.9	7.3

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 10/15/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.848 ng/ul

RT: 28.562 min Scan# 4348

Delta R.T. -0.000 min

Lab File: BP022343.D

Acq: 11 Oct 2024 20:55

Tgt Ion:	276	Resp:	134010
Ion Ratio	Lower	Upper	
276	100		
138	9.4	9.1	13.7
277	25.3	18.6	27.8

