

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
 Data File : BP022363.D
 Acq On : 14 Oct 2024 20:05
 Operator : RC/JU
 Sample : P4237-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EQ7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :mohammad ahmed 10/22/2024

Quant Time: Oct 15 01:23:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 14 11:01:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	101999	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	382711	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	302230	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	760646	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	862003	20.000	ng/u1	0.00
88) Perylene-d12	24.839	264	1026037	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	4494	1.712	ng/uL	0.00
4) Pyridine-d5	3.658	84	6928	0.961	ng/u1	0.02
7) Phenol-d5	6.887	99	79014	9.203	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	52282	10.360	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	68433	11.233	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	55512	8.102	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	33679	11.445	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	40121	11.777	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	81634	11.274	ng/u1	0.01
31) 4-Chloroaniline-d4	10.599	131	59227	6.922	ng/u1	0.01
46) Dimethylphthalate-d6	13.716	166	274566	11.434	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	299987	11.762	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	31885m	7.915	ng/u1	0.00
60) Fluorene-d10	15.328	176	257287	12.353	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	40986	8.193	ng/u1	0.00
73) Anthracene-d10	17.210	188	427336	11.943	ng/u1	0.00
81) Pyrene-d10	19.586	212	545928	11.976	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.610	264	508593	9.282	ng/u1	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.151	178	247989	6.094	ng/u1	99
74) Anthracene	17.245	178	51679	1.273	ng/u1	97
80) Fluoranthene	19.239	202	562296	10.730	ng/u1	99
82) Pyrene	19.616	202	447244	7.963	ng/u1	99
85) Benzo(a)anthracene	21.527	228	277582	4.593	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	98888	3.523	ng/u1	99
87) Chrysene	21.592	228	300090	5.356	ng/u1	98
90) Benzo(b)fluoranthene	23.798	252	431834	6.686	ng/u1	96
91) Benzo(k)fluoranthene	23.857	252	155870	2.465	ng/u1	96
93) Benzo(a)pyrene	24.680	252	189770	3.193	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	28.562	276	182295	2.298	ng/u1#	97

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

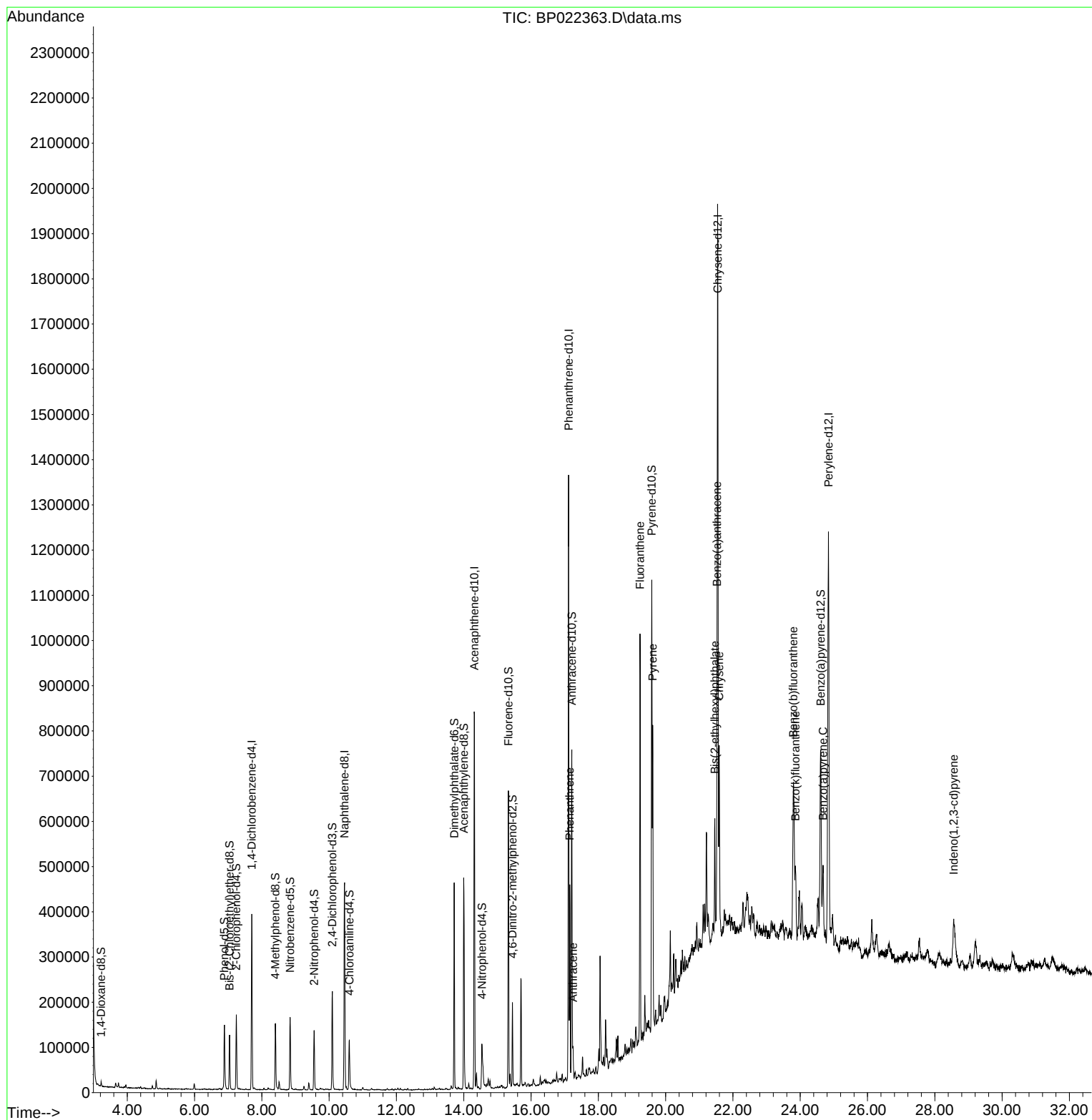
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022363.D
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ALS Vial : 15 Sample Multiplier: 1

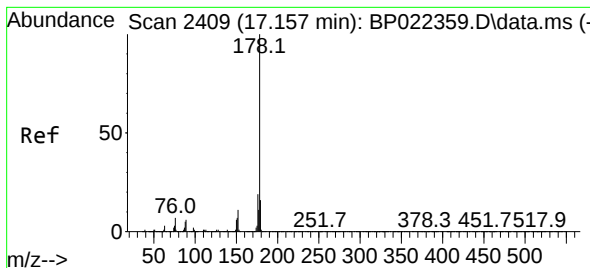
Instrument :
BNA_P
ClientSampleId :
A4EQ7

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 14 11:01:55 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 6.094 ng/u1

RT: 17.151 min Scan# 2409

Delta R.T. 0.000 min

Lab File: BP022363.D

Acq: 14 Oct 2024 20:05

Instrument :

BNA_P

ClientSampleId :

A4EQ7

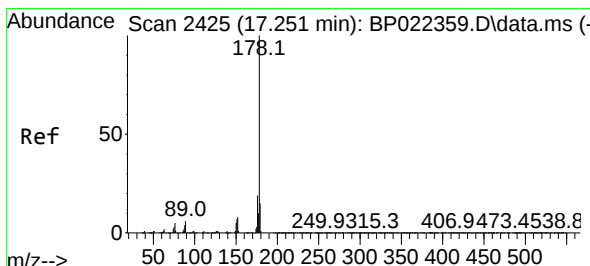
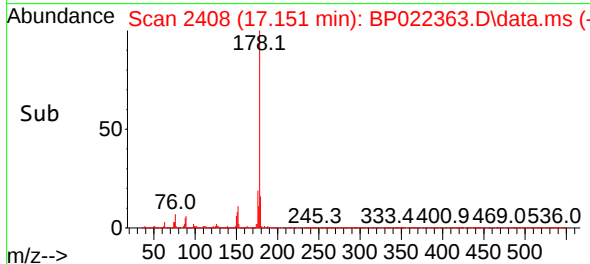
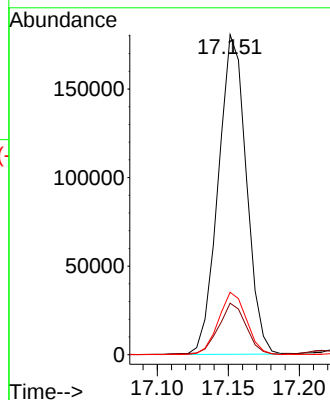
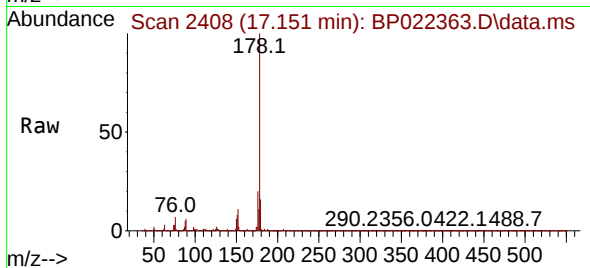
Tgt Ion:	178	Resp:	247989
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.2	18.4
176	19.5	15.7	23.5

Manual Integrations

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#74

Anthracene

Concen: 1.273 ng/u1

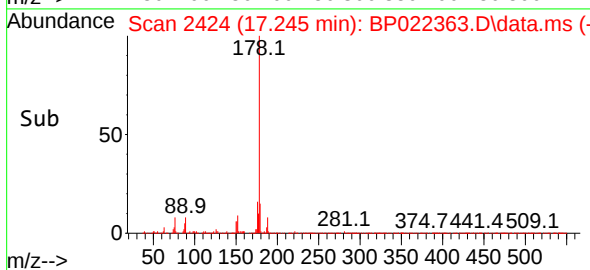
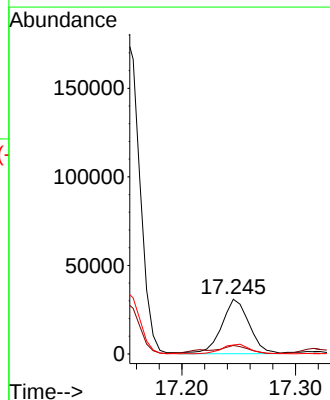
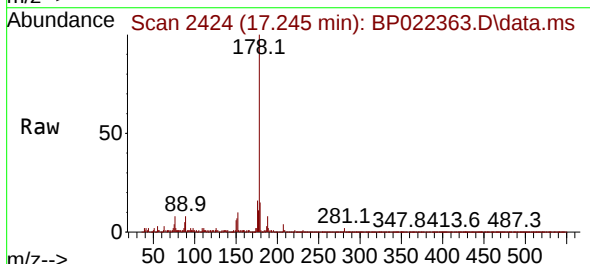
RT: 17.245 min Scan# 2424

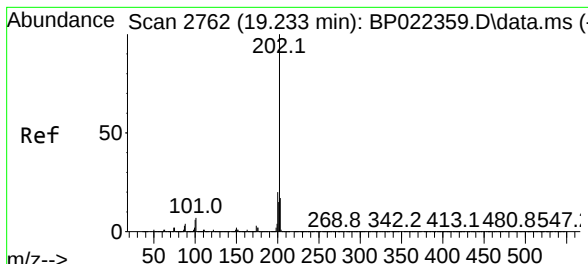
Delta R.T. 0.000 min

Lab File: BP022363.D

Acq: 14 Oct 2024 20:05

Tgt Ion:	178	Resp:	51679
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.0	18.0
176	16.3	15.0	22.4





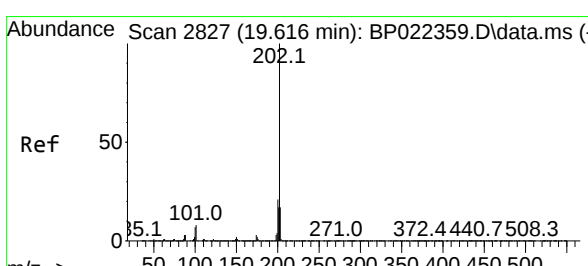
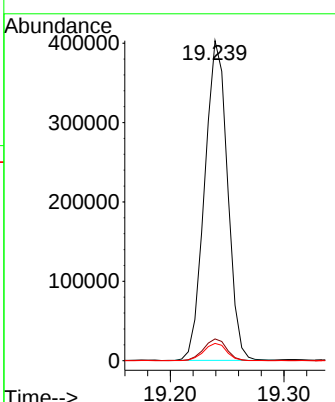
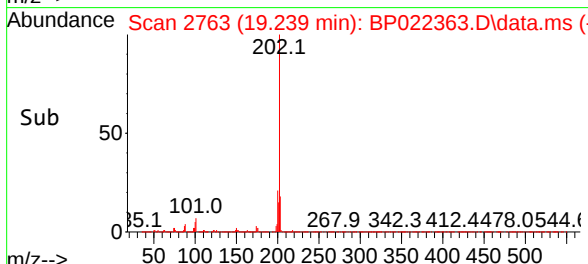
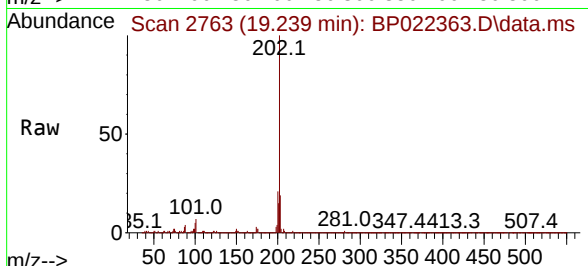
#80
 Fluoranthene
 Concen: 10.730 ng/ul
 RT: 19.239 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP022363.D
 Acq: 14 Oct 2024 20:05

Instrument : BNA_P
 ClientSampleId : A4EQ7

Tgt Ion:	202	Resp:	562290
Ion Ratio	Lower	Upper	
202	100		
101	6.8	5.8	8.8
100	5.4	4.5	6.7

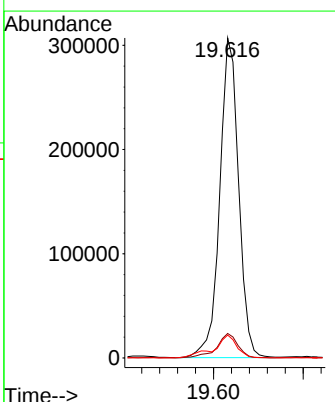
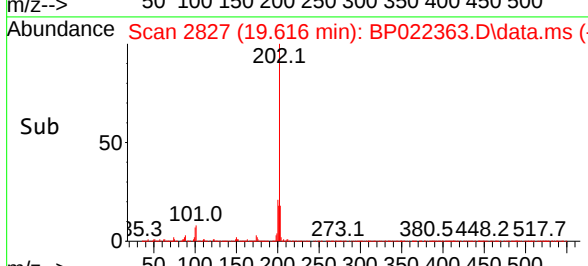
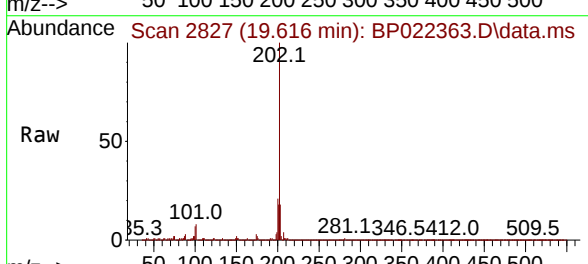
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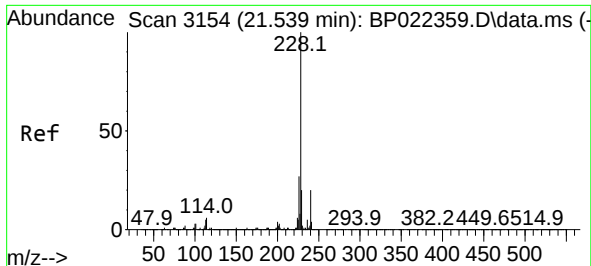
Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :mohammad ahmed 10/22/2024



#82
 Pyrene
 Concen: 7.963 ng/ul
 RT: 19.616 min Scan# 2827
 Delta R.T. -0.012 min
 Lab File: BP022363.D
 Acq: 14 Oct 2024 20:05

Tgt Ion:	202	Resp:	447244
Ion Ratio	Lower	Upper	
202	100		
101	7.7	6.7	10.1
100	7.2	5.8	8.6





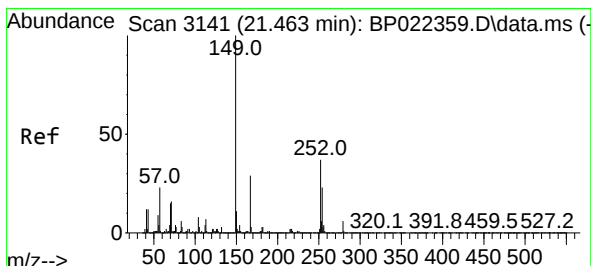
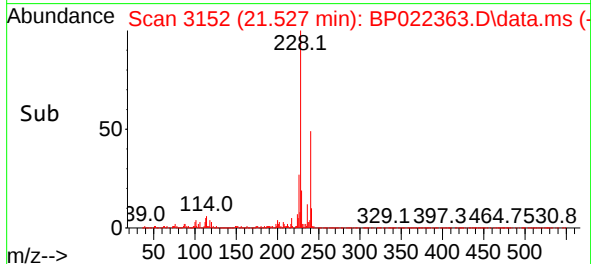
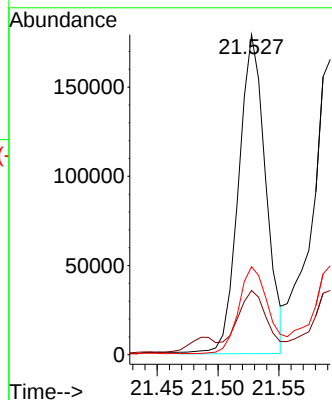
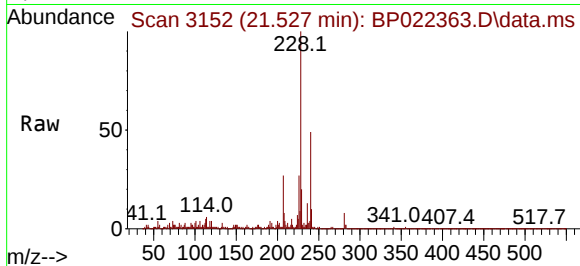
#85
Benzo(a)anthracene
Concen: 4.593 ng/ul
RT: 21.527 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BP022363.D
Acq: 14 Oct 2024 20:05

Instrument :
BNA_P
ClientSampleId :
A4EQ7

Tgt Ion:228 Resp: 27758
Ion Ratio Lower Upper
228 100
229 20.1 15.4 23.0
226 27.5 21.5 32.3

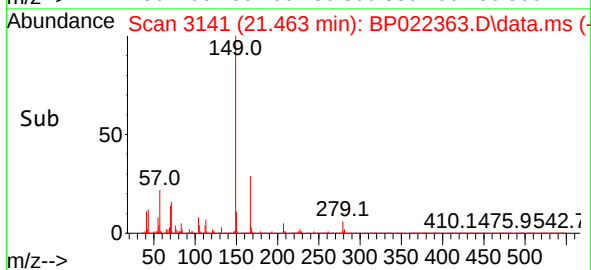
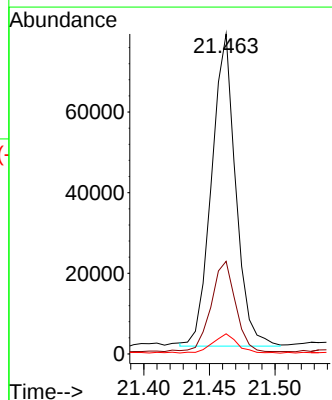
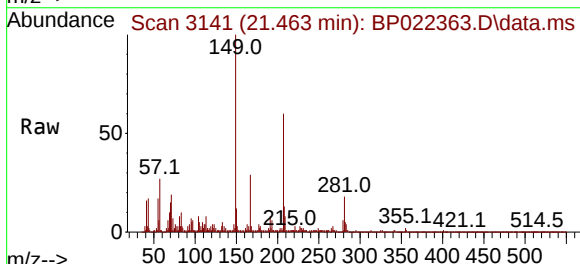
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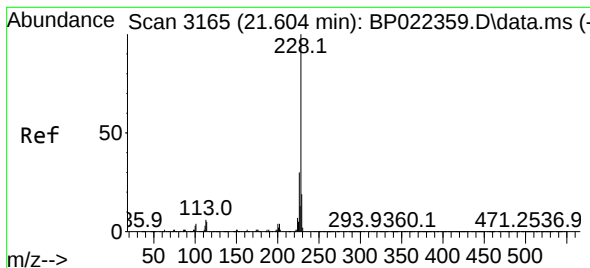
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/22/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.523 ng/ul
RT: 21.463 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BP022363.D
Acq: 14 Oct 2024 20:05

Tgt Ion:149 Resp: 98888
Ion Ratio Lower Upper
149 100
167 28.9 23.0 34.4
279 6.3 4.8 7.2





#87

Chrysene

Concen: 5.356 ng/ul

RT: 21.592 min Scan# 3163

Delta R.T. -0.012 min

Lab File: BP022363.D

Acq: 14 Oct 2024 20:05

Instrument :

BNA_P

ClientSampleId :

A4EQ7

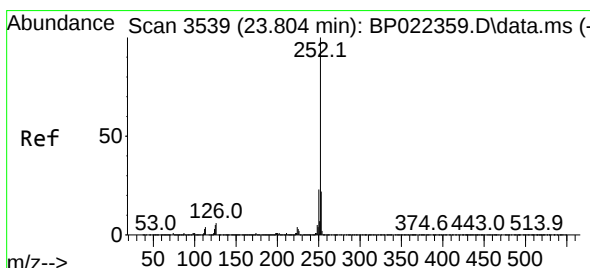
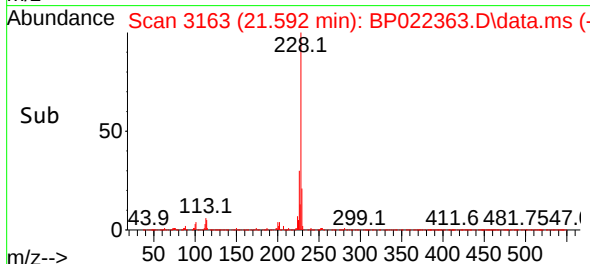
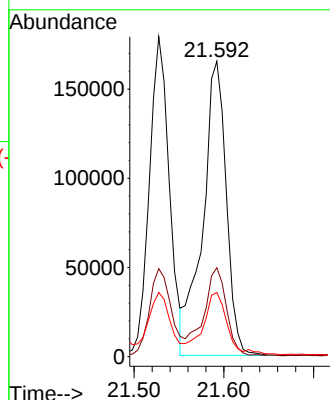
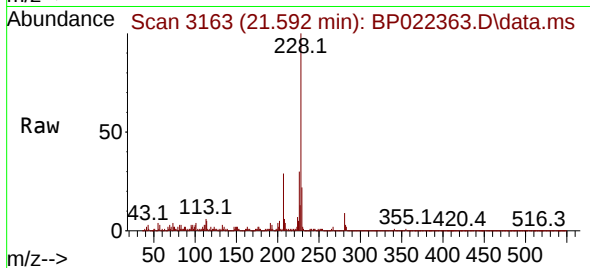
Tgt Ion:	228	Resp:	300090
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.8	35.8
229	21.8	15.5	23.3

Manual Integrations

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Supervised By :mohammad ahmed 10/22/2024



#90

Benzo(b)fluoranthene

Concen: 6.686 ng/ul

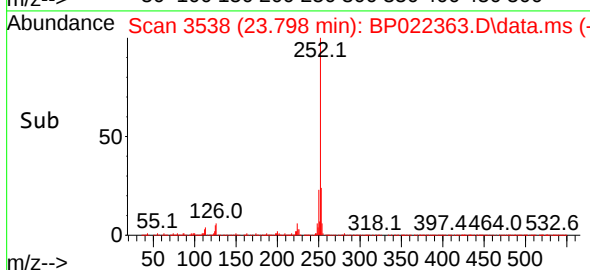
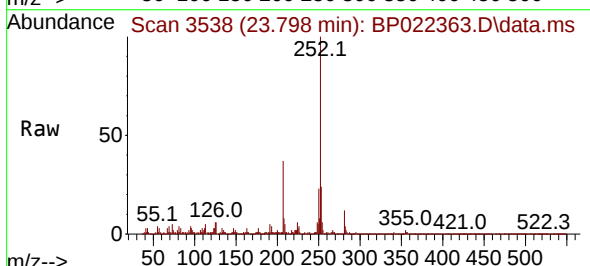
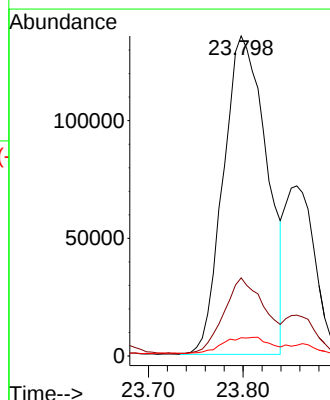
RT: 23.798 min Scan# 3538

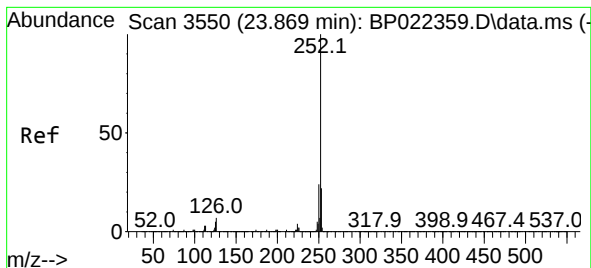
Delta R.T. -0.018 min

Lab File: BP022363.D

Acq: 14 Oct 2024 20:05

Tgt Ion:	252	Resp:	431834
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.8	26.8
125	5.7	5.0	7.4





#91

Benzo(k)fluoranthene

Concen: 2.465 ng/u1

RT: 23.857 min Scan# 3550

Delta R.T. -0.023 min

Lab File: BP022363.D

Acq: 14 Oct 2024 20:05

Instrument :

BNA_P

ClientSampleId :

A4EQ7

Tgt Ion:252 Resp: 155870

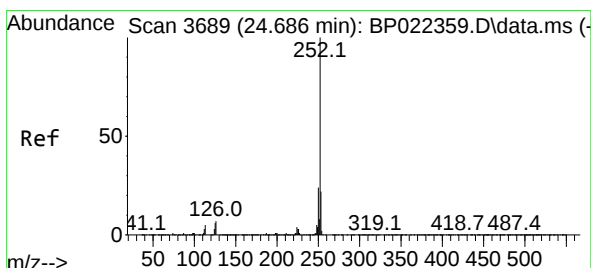
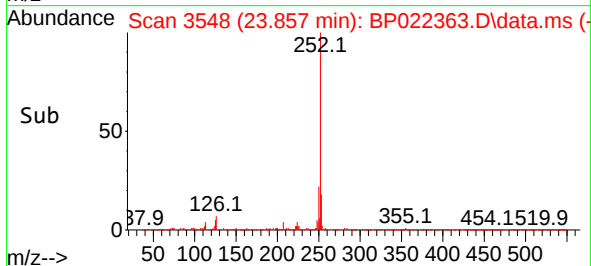
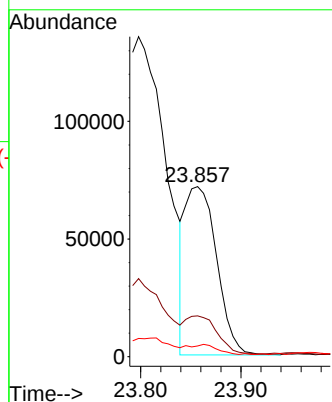
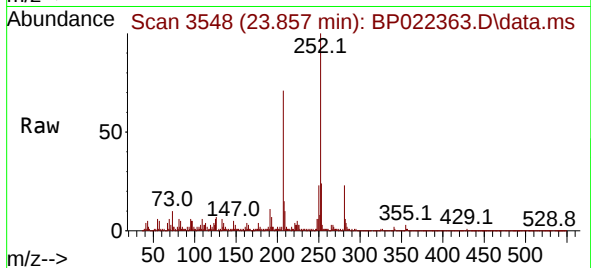
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	6.3	4.6	6.8

Manual Integrations

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Supervised By :mohammad ahmed 10/22/2024



#93

Benzo(a)pyrene

Concen: 3.193 ng/u1

RT: 24.680 min Scan# 3688

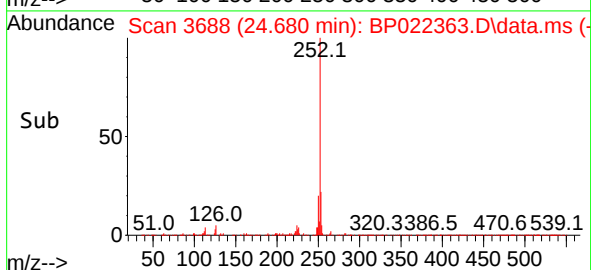
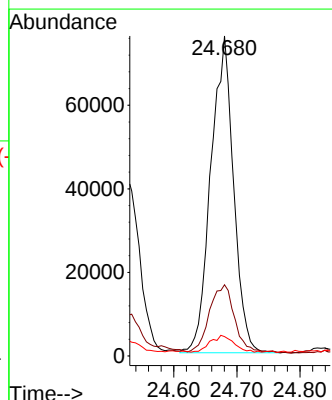
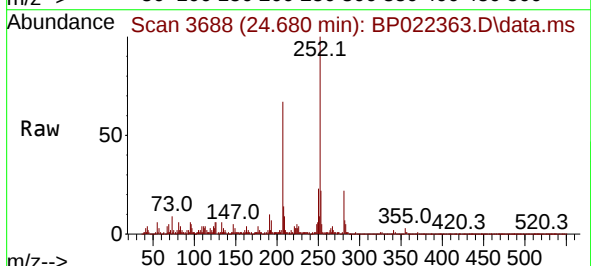
Delta R.T. -0.023 min

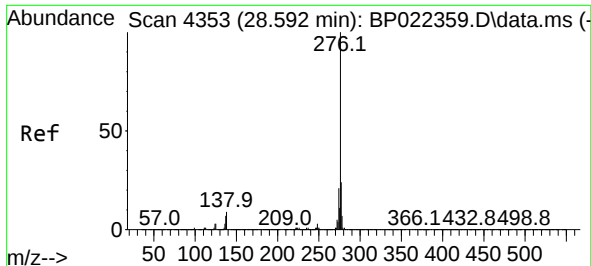
Lab File: BP022363.D

Acq: 14 Oct 2024 20:05

Tgt Ion:252 Resp: 189770

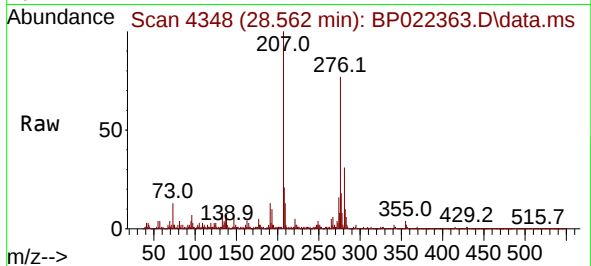
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	6.1	4.9	7.3





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.298 ng/ul
 RT: 28.562 min Scan# 41
 Delta R.T. -0.047 min
 Lab File: BP022363.D
 Acq: 14 Oct 2024 20:05

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Tgt Ion:276 Resp: 18229
 Ion Ratio Lower Upper
 276 100
 138 8.9 9.1 13.7
 277 23.5 18.6 27.8

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