

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
 Data File : BP022368.D
 Acq On : 14 Oct 2024 23:29
 Operator : RC/JU
 Sample : P4237-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EQ0

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 02:07:49 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	123186	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	495193	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	389270	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.104	188	950307	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	945281	20.000	ng/u1	0.00
88) Perylene-d12	24.839	264	1113751	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	5138	1.621	ng/uL	0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.887	99	93305	8.998	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	60225	9.882	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	77516	10.535	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	60122	7.265	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	38918	10.221	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	46187	10.478	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	94729	10.111	ng/u1	0.01
31) 4-Chloroaniline-d4	10.593	131	63239	5.712	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	316979	10.249	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	358867	10.925	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	29088m	5.606	ng/u1	0.00
60) Fluorene-d10	15.316	176	304153	11.338	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	42453	6.792	ng/u1	0.01
73) Anthracene-d10	17.210	188	481905	10.780	ng/u1	0.00
81) Pyrene-d10	19.592	212	601944	12.042	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.610	264	539154	9.064	ng/u1	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.151	178	226401	4.453	ng/u1	99
80) Fluoranthene	19.239	202	547072	9.520	ng/u1	99
82) Pyrene	19.622	202	438123	7.113	ng/u1	98
85) Benzo(a)anthracene	21.527	228	255596	3.857	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.457	149	65735	2.136	ng/u1	100
87) Chrysene	21.586	228	270656	4.405	ng/u1	97
90) Benzo(b)fluoranthene	23.792	252	380196	5.423	ng/u1	97
91) Benzo(k)fluoranthene	23.857	252	143723m	2.094	ng/u1	
93) Benzo(a)pyrene	24.674	252	179485	2.782	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.568	276	160502	1.864	ng/u1#	93

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

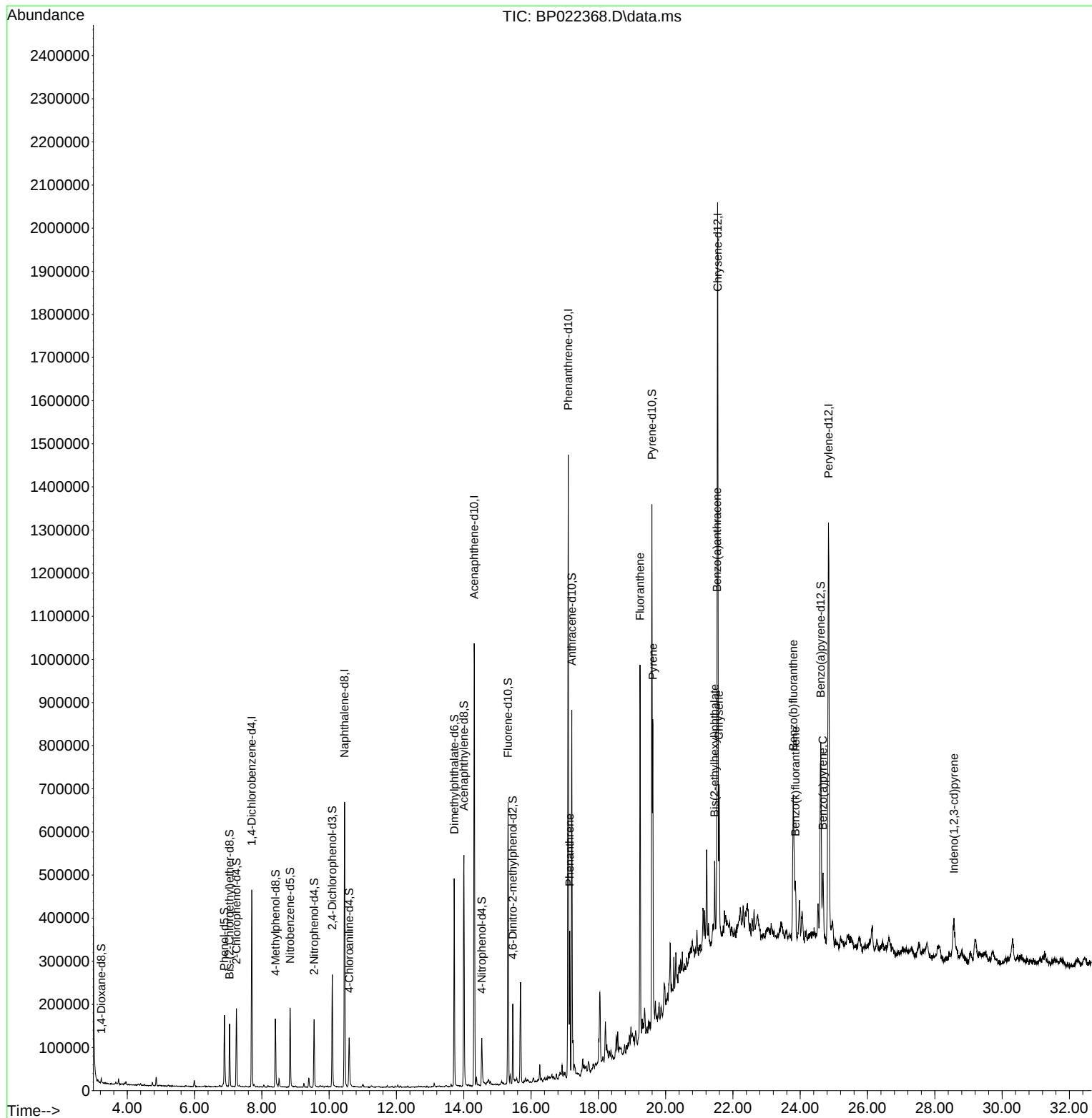
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022368.D
Acq On : 14 Oct 2024 23:29
Operator : RC/JU
Sample : P4237-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

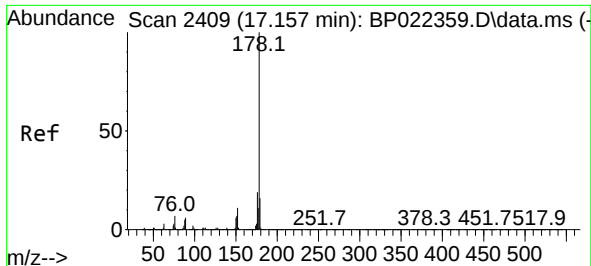
Instrument :
BNA_P
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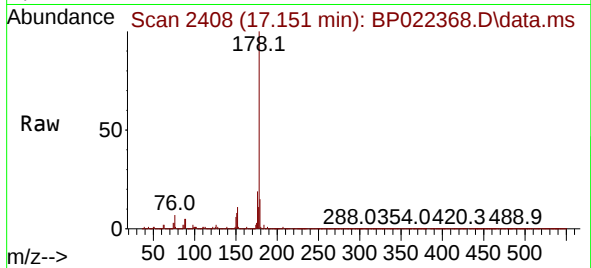
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/22/2024





#72
Phenanthrene
Concen: 4.453 ng/u1
RT: 17.151 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BP022368.D
Acq: 14 Oct 2024 23:29

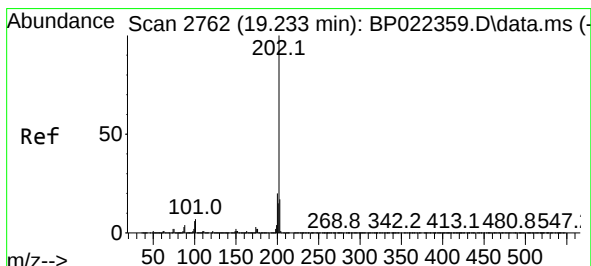
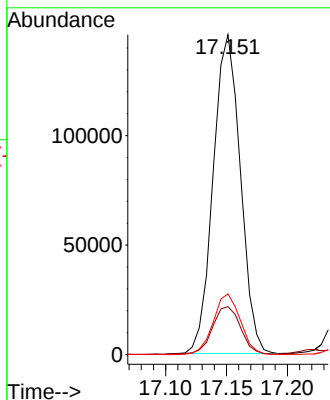
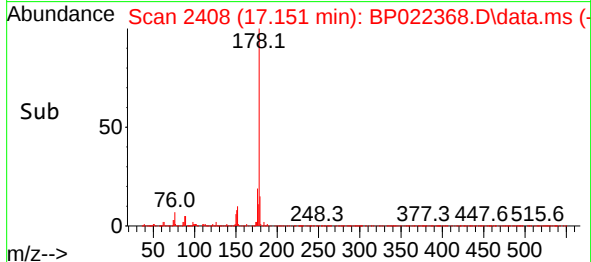
Instrument :
BNA_P
ClientSampleId :
A4EQ0



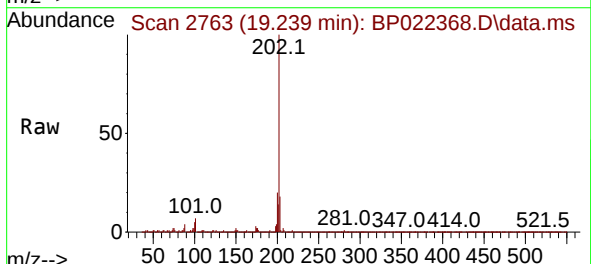
Tgt Ion:178 Resp: 22640
Ion Ratio Lower Upper
178 100
179 15.0 12.2 18.4
176 19.0 15.7 23.5

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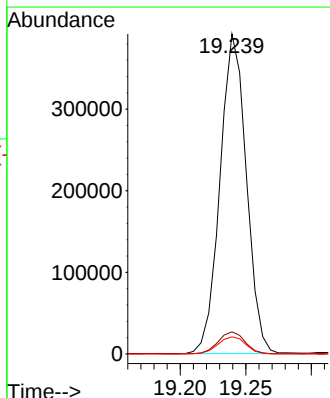
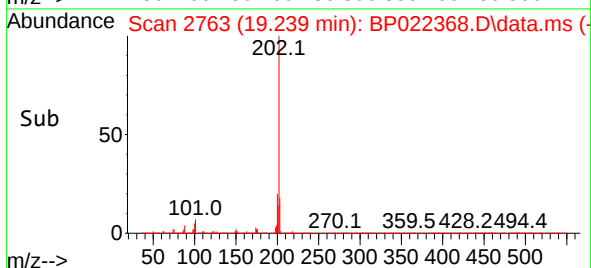
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/22/2024

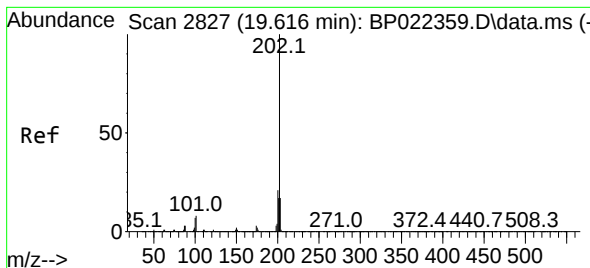


#80
Fluoranthene
Concen: 9.520 ng/u1
RT: 19.239 min Scan# 2763
Delta R.T. -0.012 min
Lab File: BP022368.D
Acq: 14 Oct 2024 23:29



Tgt Ion:202 Resp: 547072
Ion Ratio Lower Upper
202 100
101 6.9 5.8 8.8
100 5.4 4.5 6.7





#82

Pyrene

Concen: 7.113 ng/ul

RT: 19.622 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP022368.D

Acq: 14 Oct 2024 23:29

Instrument :

BNA_P

ClientSampleId :

A4EQ0

Tgt Ion:202 Resp: 43812

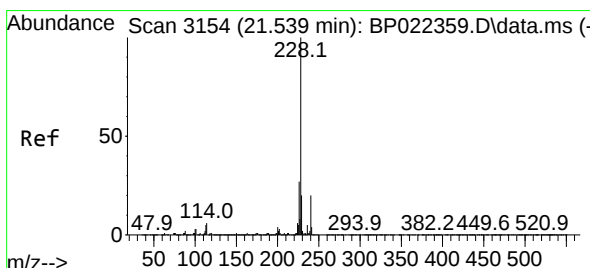
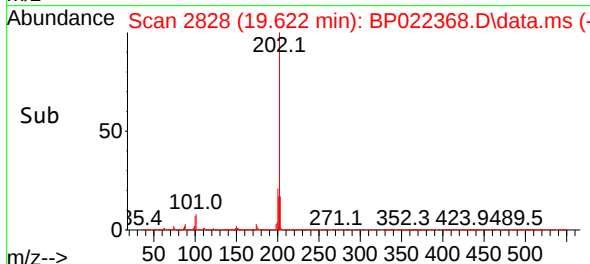
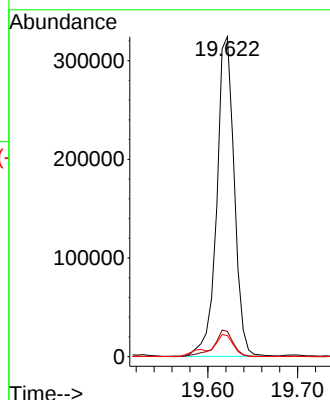
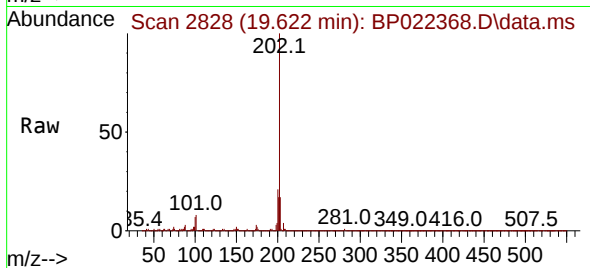
Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.7	10.1
100	6.6	5.8	8.6

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#85

Benzo(a)anthracene

Concen: 3.857 ng/ul

RT: 21.527 min Scan# 3152

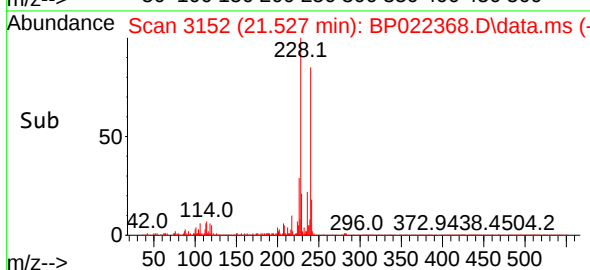
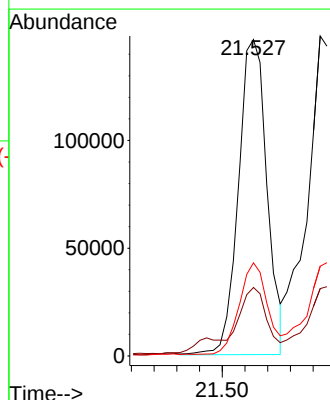
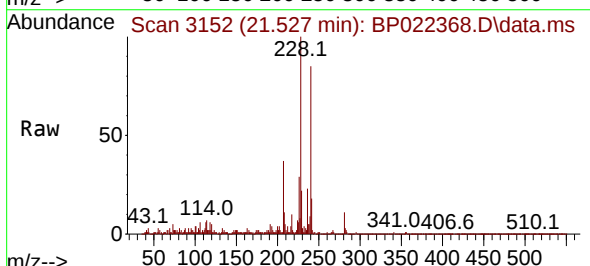
Delta R.T. -0.006 min

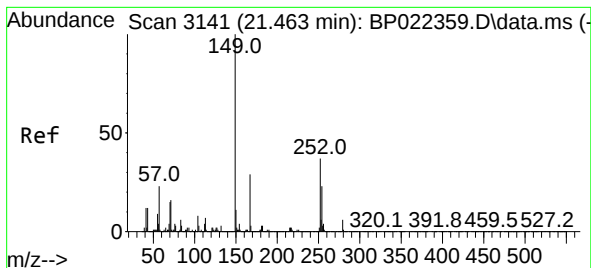
Lab File: BP022368.D

Acq: 14 Oct 2024 23:29

Tgt Ion:228 Resp: 255596

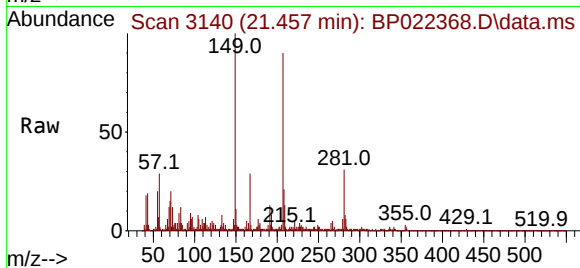
Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.4	23.0
226	29.4	21.5	32.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.136 ng/ul
RT: 21.457 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BP022368.D
Acq: 14 Oct 2024 23:29

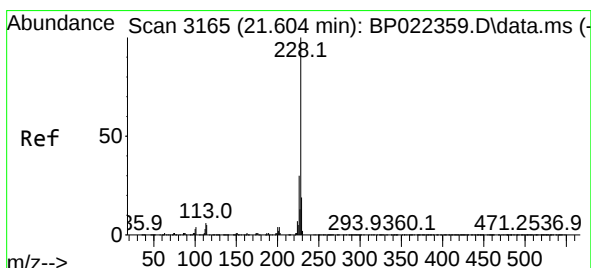
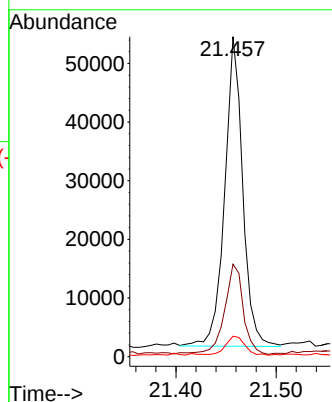
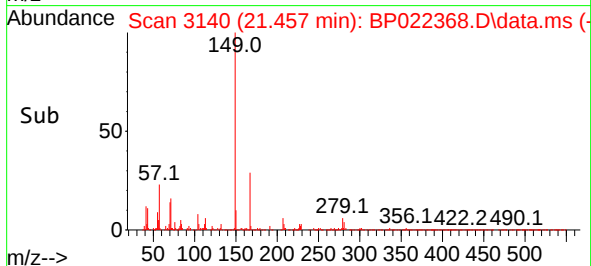
Instrument :
BNA_P
ClientSampleId :
A4EQ0



Tgt Ion:149 Resp: 65735
Ion Ratio Lower Upper
149 100
167 28.9 23.0 34.4
279 6.4 4.8 7.2

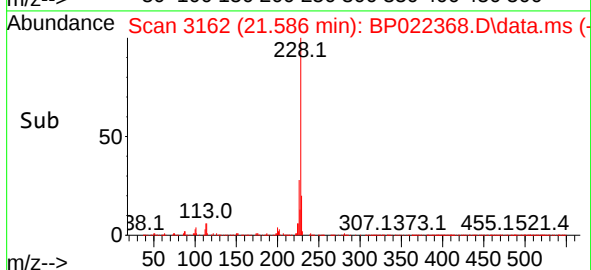
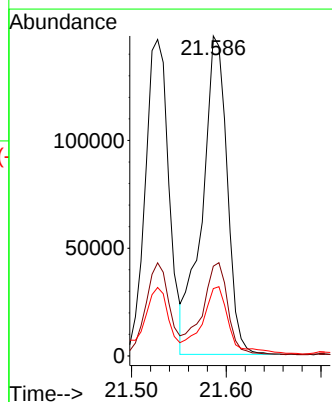
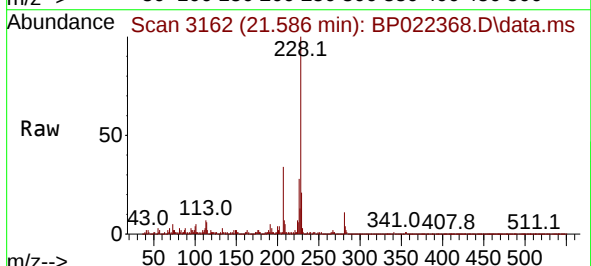
Manual Integrations
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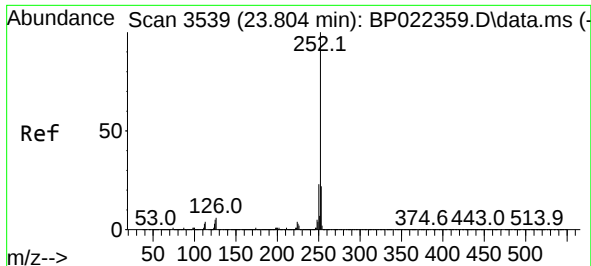
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/22/2024



#87
Chrysene
Concen: 4.405 ng/ul
RT: 21.586 min Scan# 3162
Delta R.T. -0.017 min
Lab File: BP022368.D
Acq: 14 Oct 2024 23:29

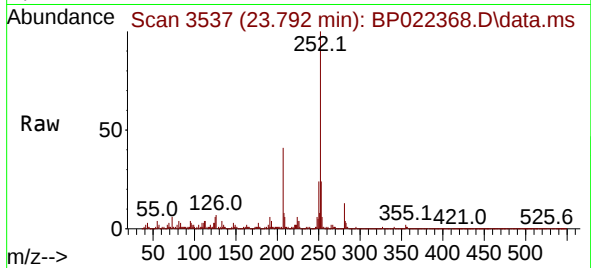
Tgt Ion:228 Resp: 270656
Ion Ratio Lower Upper
228 100
226 28.0 23.8 35.8
229 21.0 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 5.423 ng/ul
RT: 23.792 min Scan# 3537
Delta R.T. -0.023 min
Lab File: BP022368.D
Acq: 14 Oct 2024 23:29

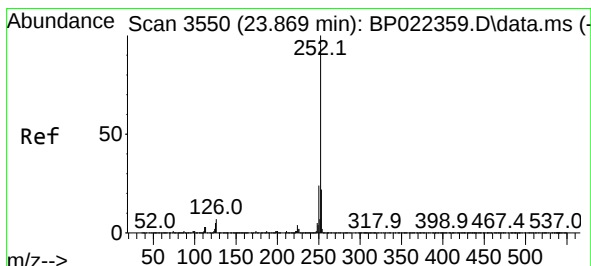
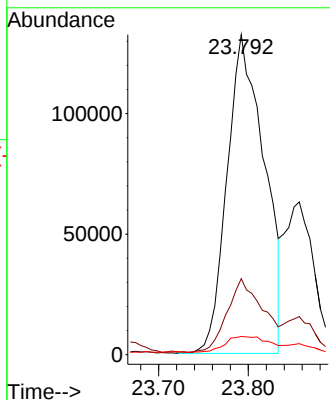
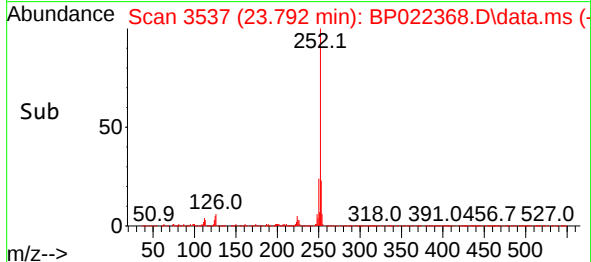
Instrument : BNA_P
ClientSampleId : A4EQ0



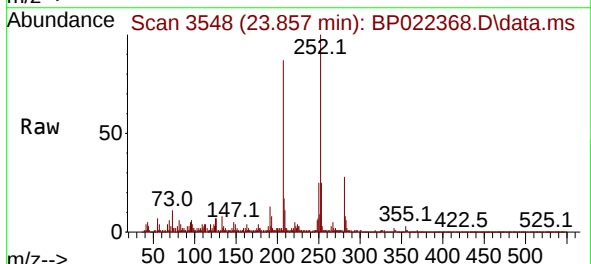
Tgt Ion:252 Resp: 380190
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 5.7 5.0 7.4

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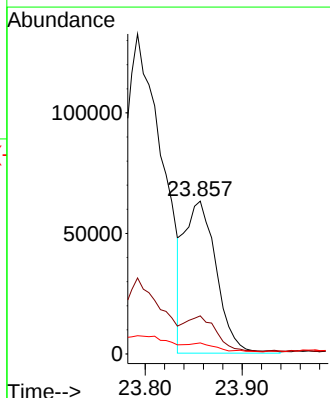
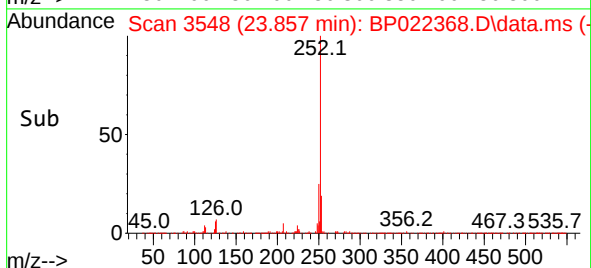
Reviewed By :Yogesh Patel 10/15/2024
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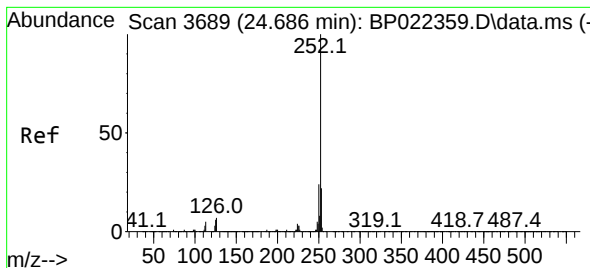


#91
Benzo(k)fluoranthene
Concen: 2.094 ng/ul m
RT: 23.857 min Scan# 3548
Delta R.T. -0.023 min
Lab File: BP022368.D
Acq: 14 Oct 2024 23:29



Tgt Ion:252 Resp: 143723
Ion Ratio Lower Upper
252 100
253 24.9 17.4 26.0
125 7.2 4.6 6.8#





#93

Benzo(a)pyrene

Concen: 2.782 ng/ul

RT: 24.674 min Scan# 30

Delta R.T. -0.029 min

Lab File: BP022368.D

Acq: 14 Oct 2024 23:29

Instrument :

BNA_P

ClientSampleId :

A4EQ0

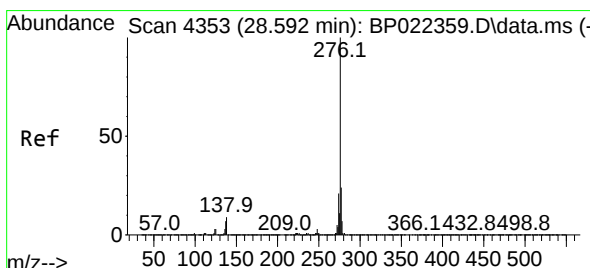
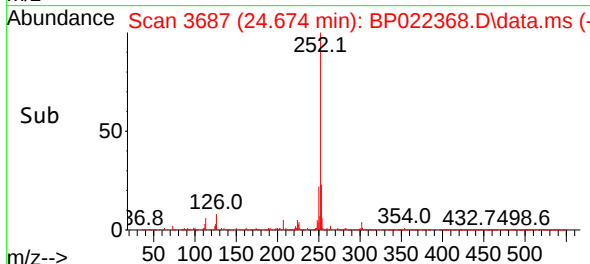
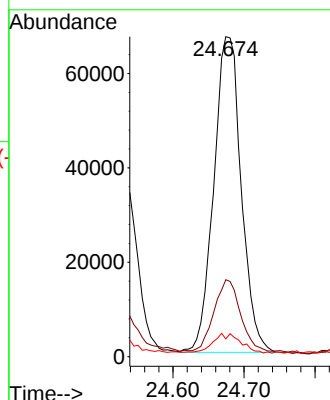
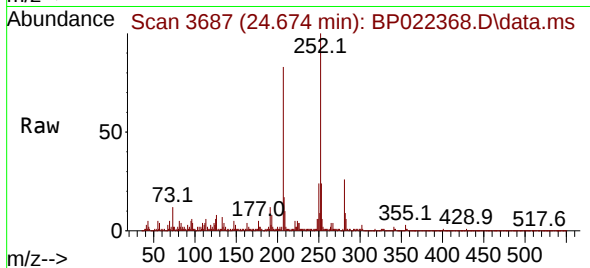
Tgt Ion:252 Resp: 179485
 Ion Ratio Lower Upper
 252 100
 253 24.0 17.7 26.5
 125 5.6 4.9 7.3

Manual Integrations

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Supervised By :mohammad ahmed 10/22/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.864 ng/ul

RT: 28.568 min Scan# 4349

Delta R.T. -0.041 min

Lab File: BP022368.D

Acq: 14 Oct 2024 23:29

Tgt Ion:276 Resp: 160502
 Ion Ratio Lower Upper
 276 100
 138 11.2 9.1 13.7
 277 28.2 18.6 27.8#

