

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
 Data File : BP022302.D
 Acq On : 09 Oct 2024 23:52
 Operator : RC/JU
 Sample : P4162-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4ER7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 10 01:54:57 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	7.705	152	176525	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	711400	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	562287	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	1312194	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1201790	20.000	ng/u1	0.00
88) Perylene-d12	24.833	264	1417970	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	5716	1.258	ng/uL	0.00
4) Pyridine-d5	3.658	84	8106m	0.650	ng/u1	0.02
7) Phenol-d5	6.899	99	108273	7.287	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.046	67	65373	7.485	ng/u1	0.00
11) 2-Chlorophenol-d4	7.252	132	85131	8.074	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	78267	6.600	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	42716	7.809	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	52446	8.282	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	105138	7.811	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	59293	3.728	ng/u1	0.01
46) Dimethylphthalate-d6	13.722	166	340130	7.613	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	377314	7.952	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	40380	5.388	ng/u1	0.01
60) Fluorene-d10	15.316	176	313480	8.090	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	34092	3.950	ng/u1	0.00
73) Anthracene-d10	17.204	188	502420	8.139	ng/u1	-0.01
81) Pyrene-d10	19.586	212	477793	7.518	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.610	264	336941	4.449	ng/u1	0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.516	105	32897	1.680	ng/u1	98
72) Phenanthrene	17.145	178	250463	3.568	ng/u1	98
80) Fluoranthene	19.245	202	576036	7.884	ng/u1	99
82) Pyrene	19.622	202	347207	4.434	ng/u1	99
85) Benzo(a)anthracene	21.516	228	256698	3.047	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.463	149	46381	1.185	ng/u1	97
87) Chrysene	21.586	228	250663	3.209	ng/u1	96
90) Benzo(b)fluoranthene	23.798	252	355715	3.985	ng/u1	98
91) Benzo(k)fluoranthene	23.862	252	134180	1.535	ng/u1	95
93) Benzo(a)pyrene	24.674	252	105047	1.279	ng/u1#	93

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

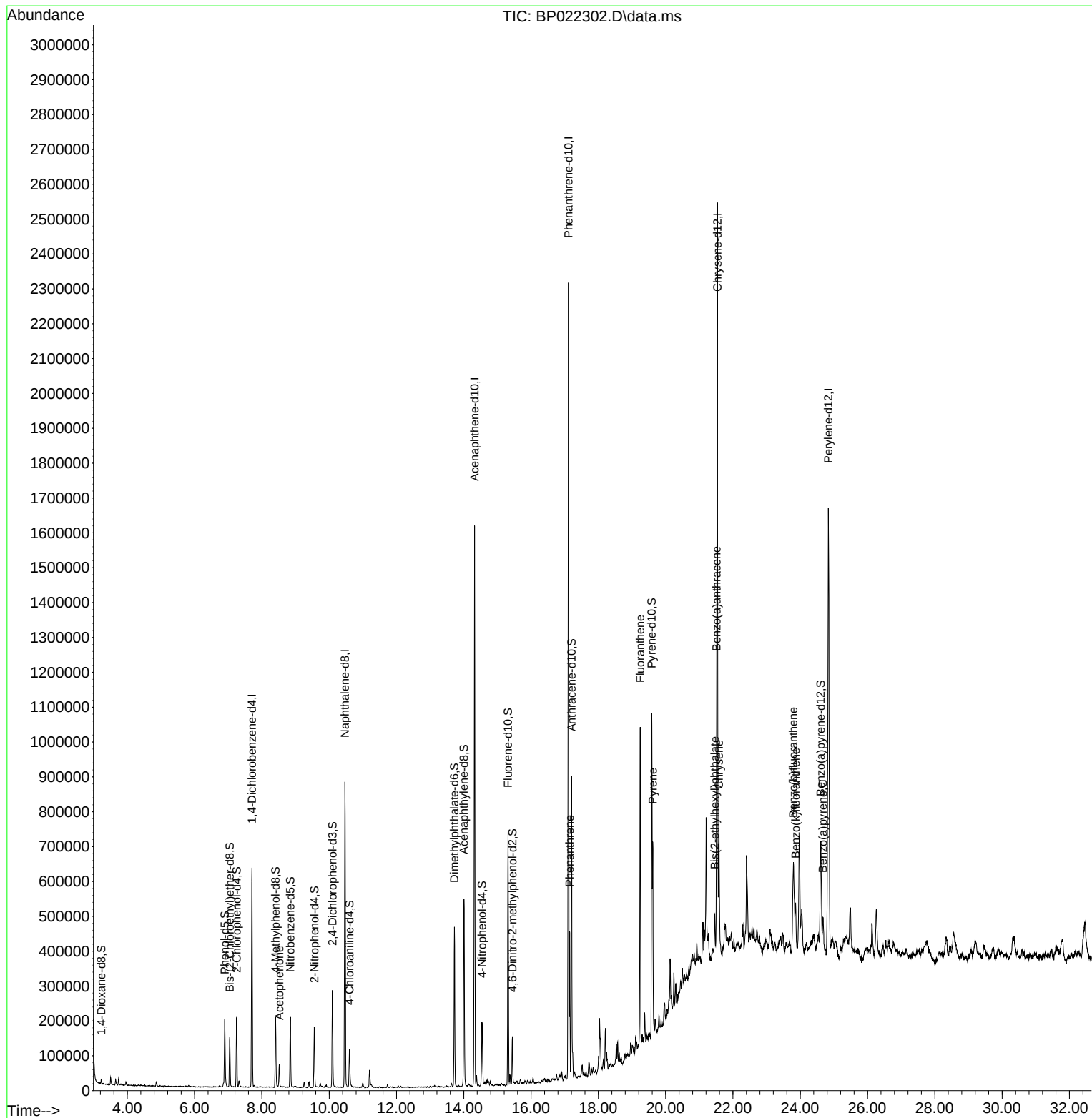
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
Data File : BP022302.D
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Sample : P4162-01
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ALS Vial : 21 Sample Multiplier: 1

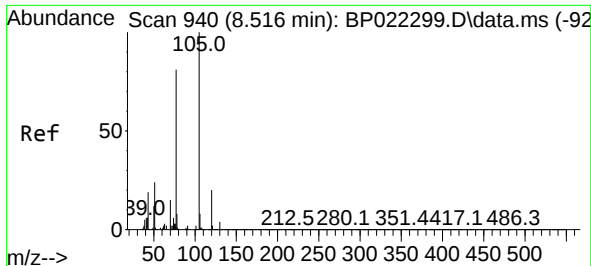
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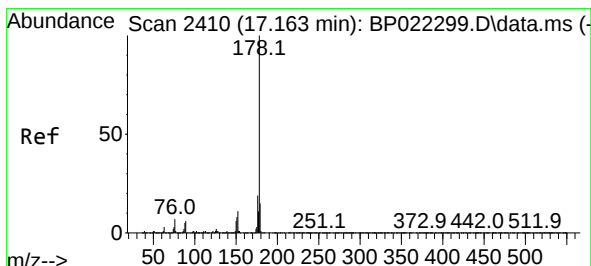
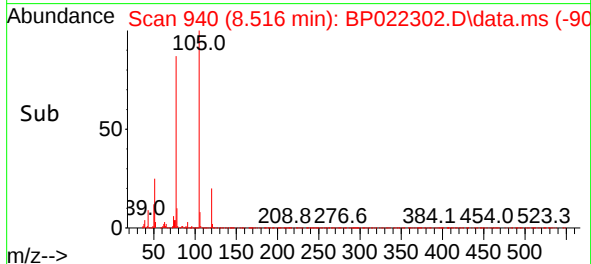
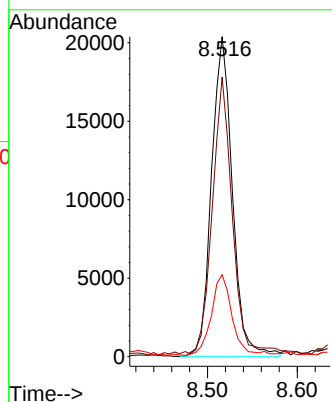
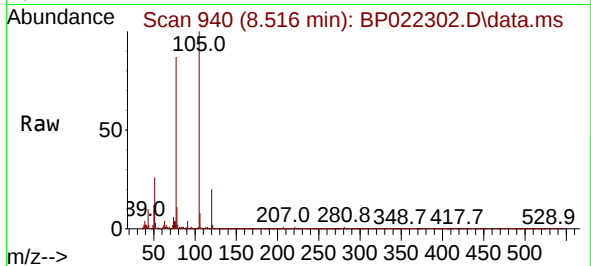
#16
Acetophenone
Concen: 1.680 ng/ul
RT: 8.516 min Scan# 940
Delta R.T. 0.006 min
Lab File: BP022302.D
Acq: 09 Oct 2024 23:52

Instrument :
BNA_P
ClientSampleId :
A4ER7

Tgt Ion:105 Resp: 3289
Ion Ratio Lower Upper
105 100
77 87.3 69.0 103.4
51 25.6 22.6 33.8

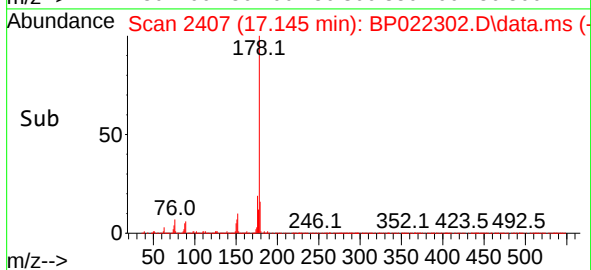
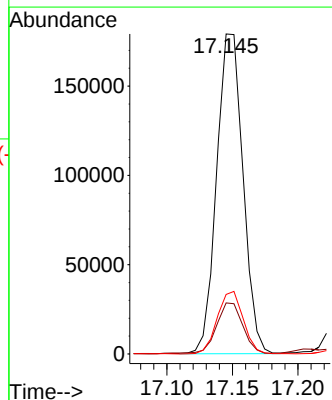
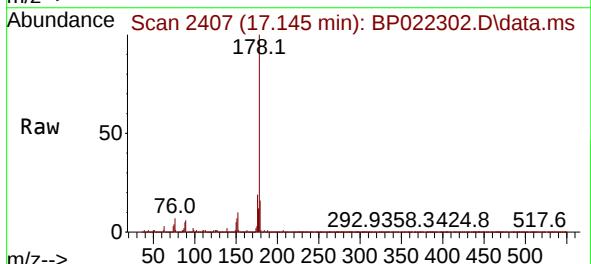
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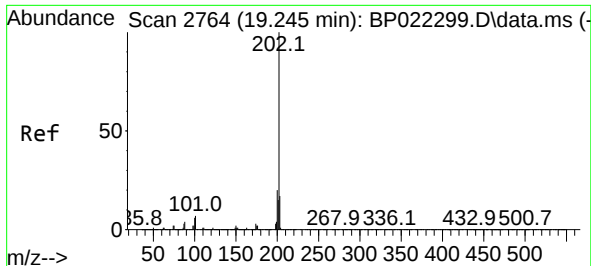
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#72
Phenanthrene
Concen: 3.568 ng/ul
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BP022302.D
Acq: 09 Oct 2024 23:52

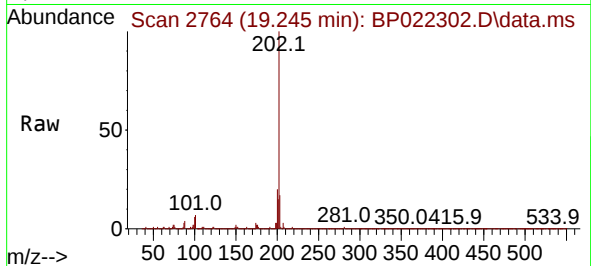
Tgt Ion:178 Resp: 250463
Ion Ratio Lower Upper
178 100
179 16.0 12.2 18.4
176 18.6 15.7 23.5





#80
Fluoranthene
Concen: 7.884 ng/u1
RT: 19.245 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP022302.D
Acq: 09 Oct 2024 23:52

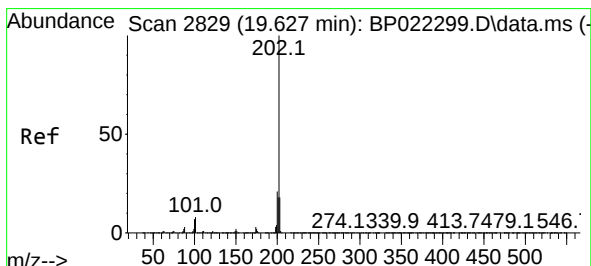
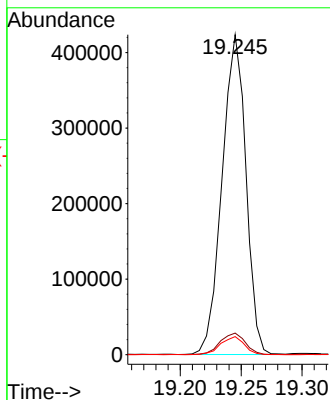
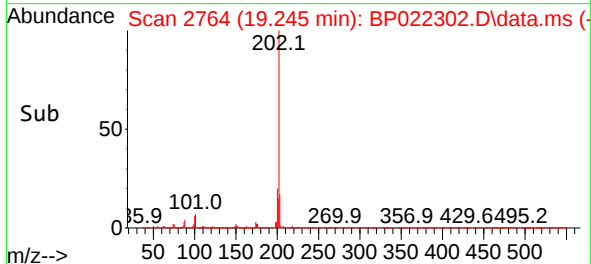
Instrument :
BNA_P
ClientSampleId :
A4ER7



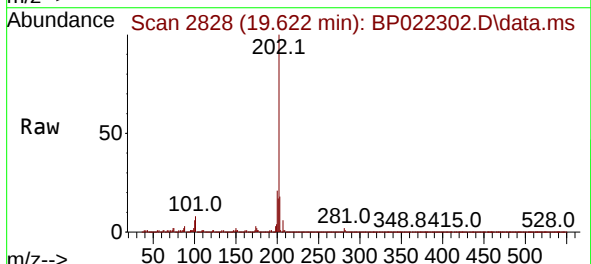
Tgt Ion:202 Resp: 576030
Ion Ratio Lower Upper
202 100
101 6.7 5.8 8.8
100 5.7 4.5 6.7

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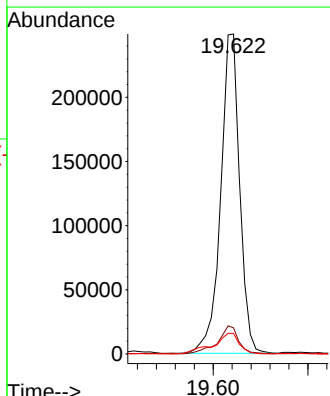
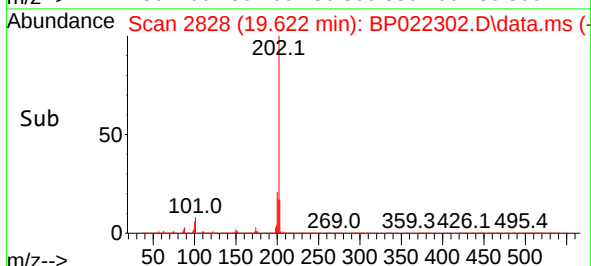
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

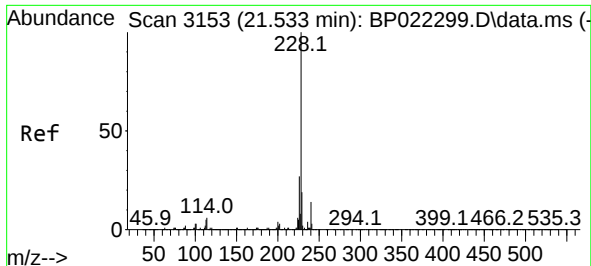


#82
Pyrene
Concen: 4.434 ng/u1
RT: 19.622 min Scan# 2828
Delta R.T. -0.000 min
Lab File: BP022302.D
Acq: 09 Oct 2024 23:52



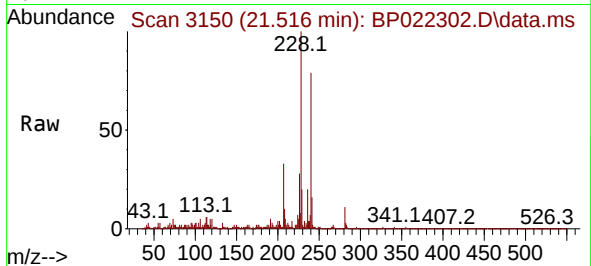
Tgt Ion:202 Resp: 347207
Ion Ratio Lower Upper
202 100
101 8.1 6.7 10.1
100 6.5 5.8 8.6





#85
Benzo(a)anthracene
Concen: 3.047 ng/ul
RT: 21.516 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP022302.D
Acq: 09 Oct 2024 23:52

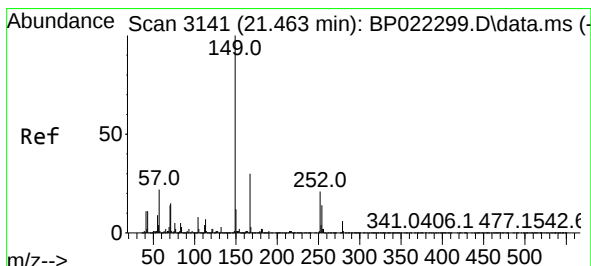
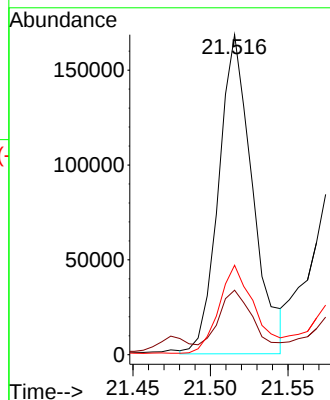
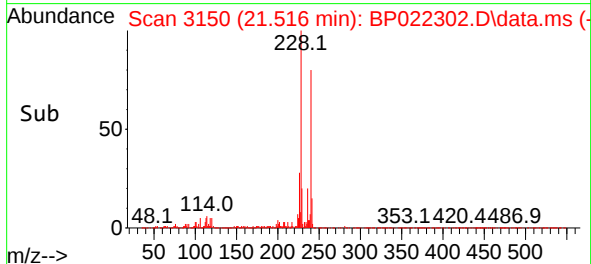
Instrument :
BNA_P
ClientSampleId :
A4ER7



Tgt Ion:228 Resp: 256698
Ion Ratio Lower Upper
228 100
229 20.1 15.4 23.0
226 28.0 21.5 32.3

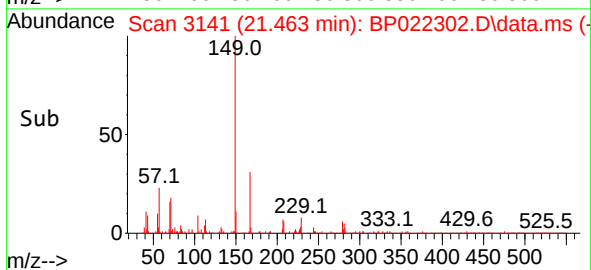
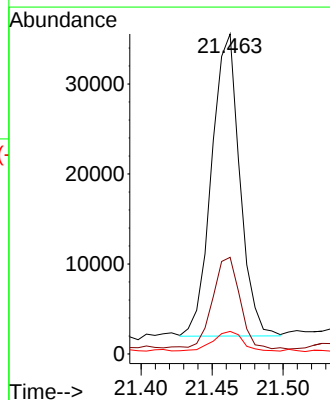
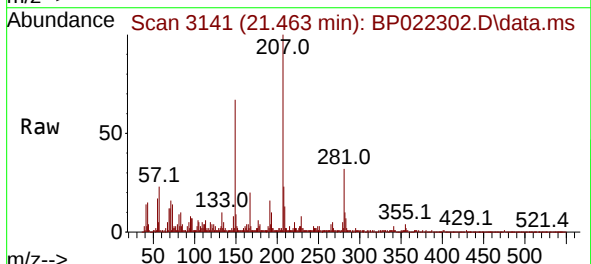
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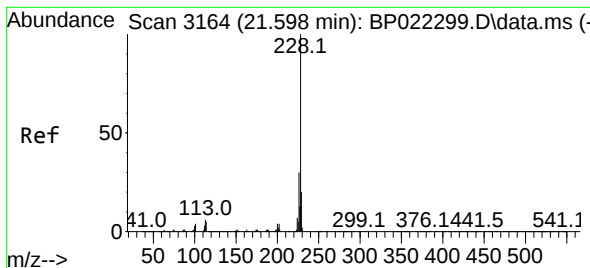
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.185 ng/ul
RT: 21.463 min Scan# 3141
Delta R.T. -0.000 min
Lab File: BP022302.D
Acq: 09 Oct 2024 23:52

Tgt Ion:149 Resp: 46381
Ion Ratio Lower Upper
149 100
167 30.2 23.0 34.4
279 7.1 4.8 7.2





#87

Chrysene

Concen: 3.209 ng/ul

RT: 21.586 min Scan# 3162

Delta R.T. -0.006 min

Lab File: BP022302.D

Acq: 09 Oct 2024 23:52

Instrument :

BNA_P

ClientSampleId :

A4ER7

Tgt Ion:228 Resp: 25066

Ion Ratio Lower Upper

228 100

226 28.2 23.8 35.8

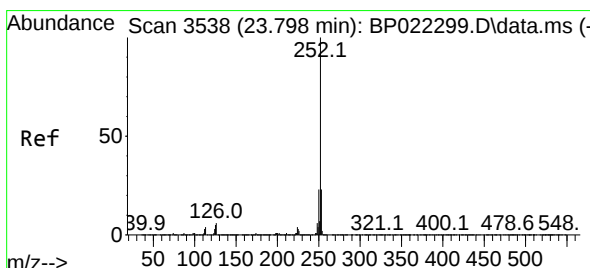
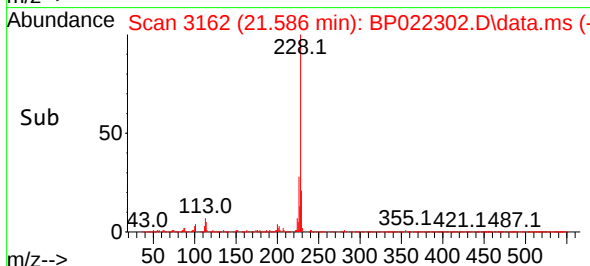
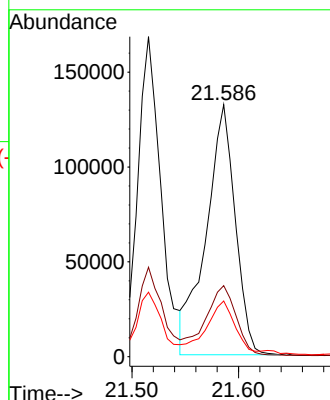
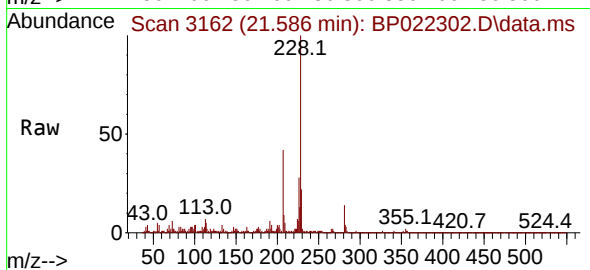
229 22.1 15.5 23.3

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Supervised By :mohammad ahmed 10/11/2024



#90

Benzo(b)fluoranthene

Concen: 3.985 ng/ul

RT: 23.798 min Scan# 3538

Delta R.T. 0.012 min

Lab File: BP022302.D

Acq: 09 Oct 2024 23:52

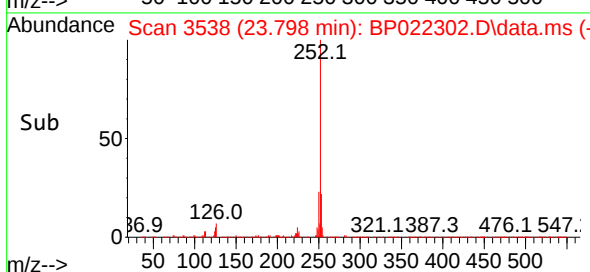
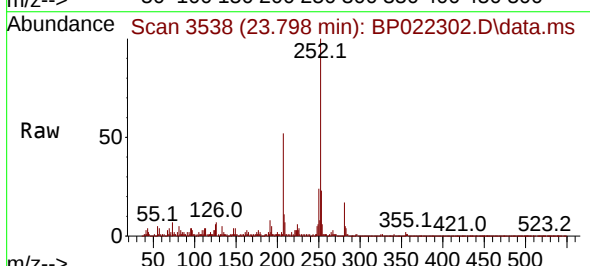
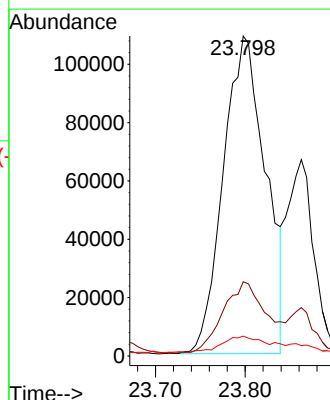
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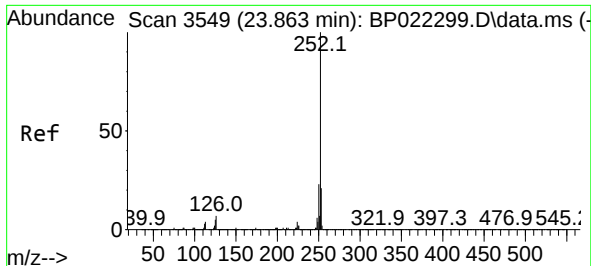
Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

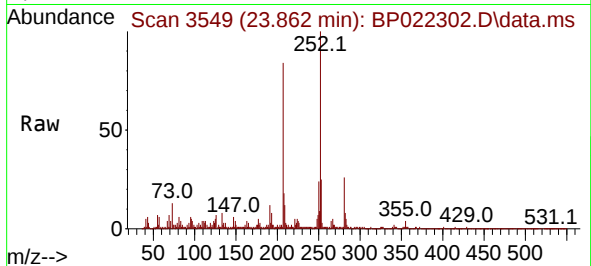
125 6.2 5.0 7.4





#91
Benzo(k)fluoranthene
Concen: 1.535 ng/ul
RT: 23.862 min Scan# 3549
Delta R.T. 0.006 min
Lab File: BP022302.D
Acq: 09 Oct 2024 23:52

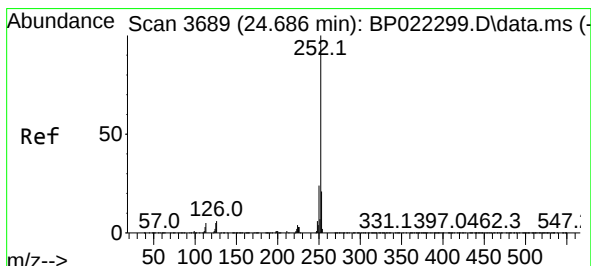
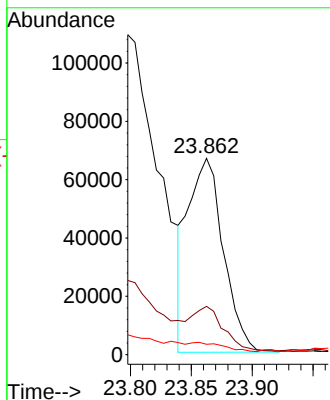
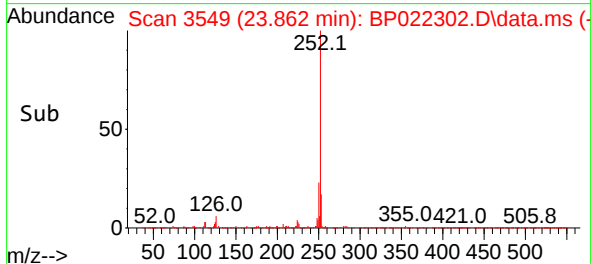
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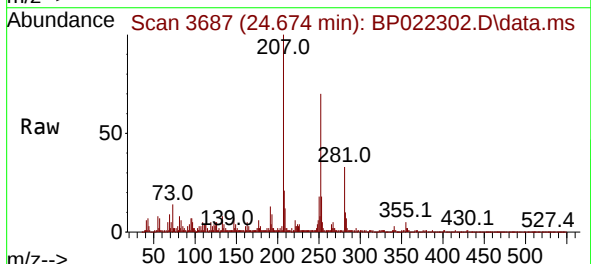
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Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.0
125 5.3 4.6 6.8

Manual Integrations
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#93
Benzo(a)pyrene
Concen: 1.279 ng/ul
RT: 24.674 min Scan# 3687
Delta R.T. -0.000 min
Lab File: BP022302.D
Acq: 09 Oct 2024 23:52



Tgt Ion:252 Resp: 105047
Ion Ratio Lower Upper
252 100
253 25.6 17.7 26.5
125 7.4 4.9 7.3

