

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072523\
 Data File : BP016361.D
 Acq On : 25 Jul 2023 23:55
 Operator : MA/JU
 Sample : 03534-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4721

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023

Quant Time: Jul 26 00:58:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 25 23:56:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	440636	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	1899504	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.739	164	1145669	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	2400778	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	1918302	20.000	ng/u1	0.00
88) Perylene-d12	24.192	264	1789718	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	45542	4.075	ng/uL	0.00
4) Pyridine-d5	3.858	84	556222	17.543	ng/u1	0.00
7) Phenol-d5	7.222	99	818369	22.194	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	518632	23.427	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	628898	21.862	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	198988	6.710	ng/u1	0.00
21) Nitrobenzene-d5	9.287	128	302906	25.897	ng/u1	0.00
24) 2-Nitrophenol-d4	10.004	143	261849	27.144	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	567776	21.234	ng/u1	0.00
31) 4-Chloroaniline-d4	11.075	131	179590	4.317	ng/u1	0.00
46) Dimethylphthalate-d6	14.151	166	1979240	23.605	ng/u1	0.00
49) Acenaphthylene-d8	14.434	160	2281324	23.030	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	248501	17.688	ng/u1	0.00
60) Fluorene-d10	15.728	176	1765030	24.744	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	96878	12.251	ng/u1	0.00
73) Anthracene-d10	17.598	188	2442989	22.972	ng/u1	0.00
81) Pyrene-d10	19.827	212	3006106	27.598	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	2117058	24.518	ng/u1	-0.01
Target Compounds						
					Qvalue	
8) Phenol	7.252	94	42207	1.101	ng/u1	99
16) Acetophenone	8.940	105	92616	1.979	ng/u1	97
47) Dimethylphthalate	14.192	163	290562	3.436	ng/u1	100
72) Phenanthrene	17.545	178	432390	3.461	ng/u1	99
80) Fluoranthene	19.498	202	771007	5.905	ng/u1	99
82) Pyrene	19.851	202	706966	5.241	ng/u1	100
85) Benzo(a)anthracene	21.574	228	324314	2.496	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.474	149	106065	1.362	ng/u1#	92
87) Chrysene	21.627	228	309589m	2.573	ng/u1	
90) Benzo(b)fluoranthene	23.380	252	371002	3.461	ng/u1#	92
91) Benzo(k)fluoranthene	23.433	252	138542m	1.299	ng/u1	
93) Benzo(a)pyrene	24.074	252	243721	2.414	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	26.962	276	162725	1.396	ng/u1	94
96) Benzo(g,h,i)perylene	27.821	276	151568	1.642	ng/u1	96

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

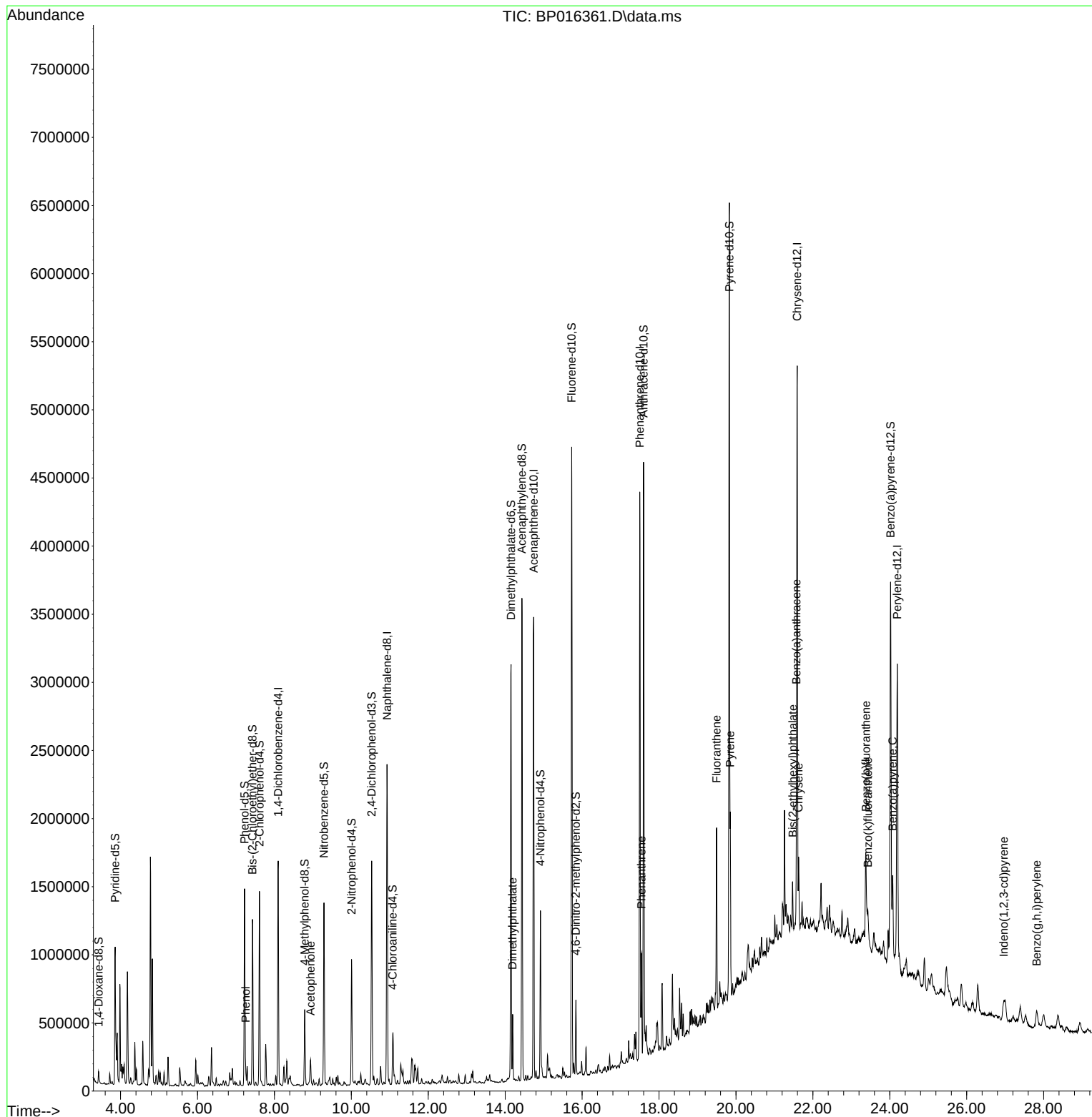
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072523\
Data File : BP016361.D
Acq On : 25 Jul 2023 23:55
Operator : MA/JU
Sample : 03534-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

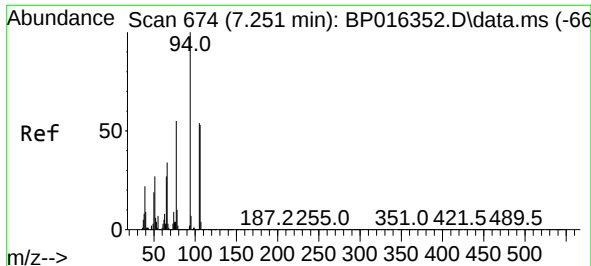
Instrument :
BNA_P
ClientSampleId :
A4721

Quant Time: Jul 26 00:58:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 25 23:56:16 2023
Response via : Initial Calibration

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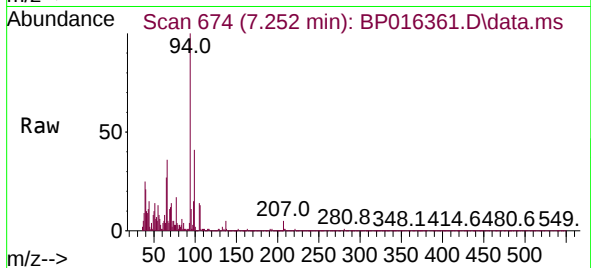
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023





#8
Phenol
Concen: 1.101 ng/ul
RT: 7.252 min Scan# 61
Delta R.T. -0.003 min
Lab File: BP016361.D
Acq: 25 Jul 2023 23:55

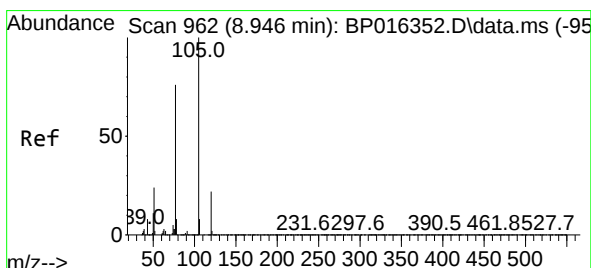
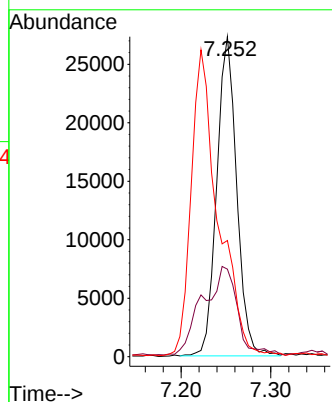
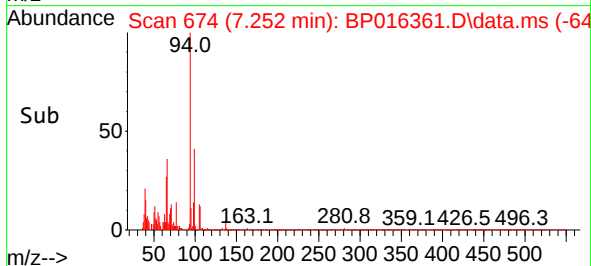
Instrument :
BNA_P
ClientSampleId :
A4721



Tgt Ion: 94 Resp: 4220
Ion Ratio Lower Upper
94 100
65 27.3 21.4 32.2
66 36.3 28.2 42.4

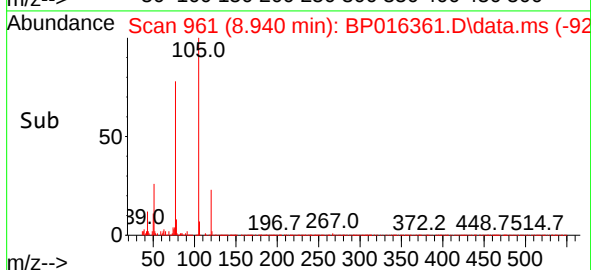
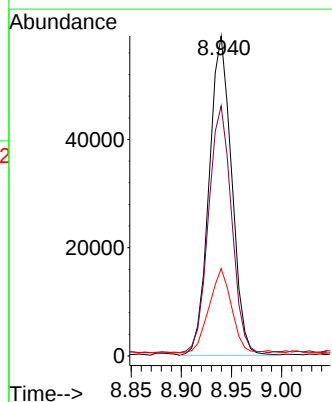
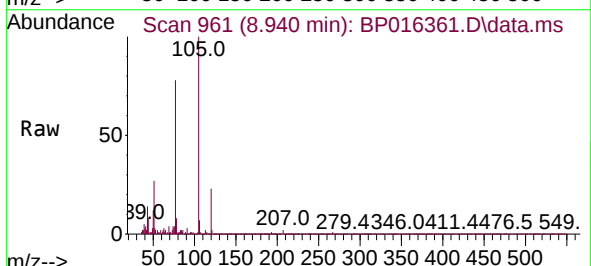
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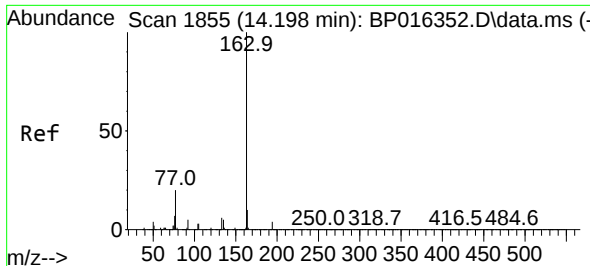
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#16
Acetophenone
Concen: 1.979 ng/ul
RT: 8.940 min Scan# 961
Delta R.T. -0.009 min
Lab File: BP016361.D
Acq: 25 Jul 2023 23:55

Tgt Ion:105 Resp: 92616
Ion Ratio Lower Upper
105 100
77 78.2 61.2 91.8
51 27.3 19.1 28.7





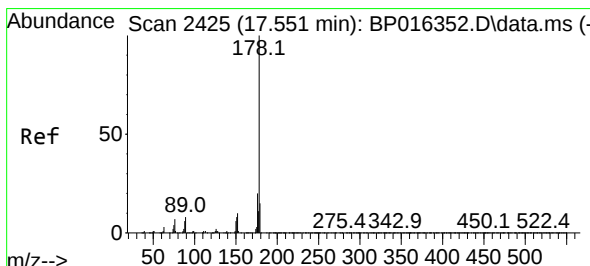
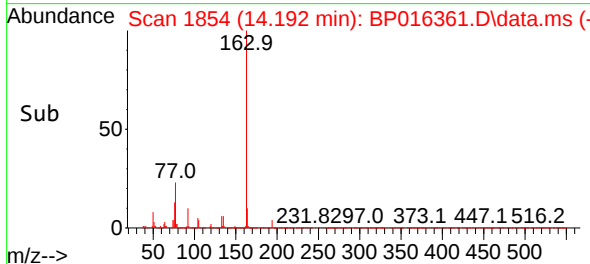
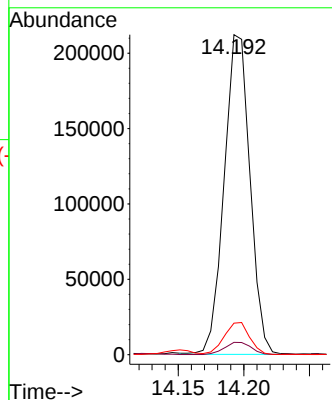
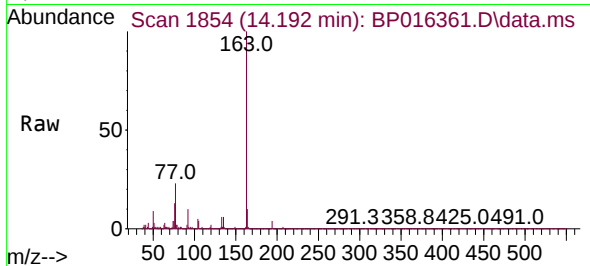
#47
Dimethylphthalate
Concen: 3.436 ng/ul
RT: 14.192 min Scan# 1854
Delta R.T. -0.015 min
Lab File: BP016361.D
Acq: 25 Jul 2023 23:55

Instrument :
BNA_P
ClientSampleId :
A4721

Tgt Ion:163 Resp: 290562
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.8 7.9 11.9

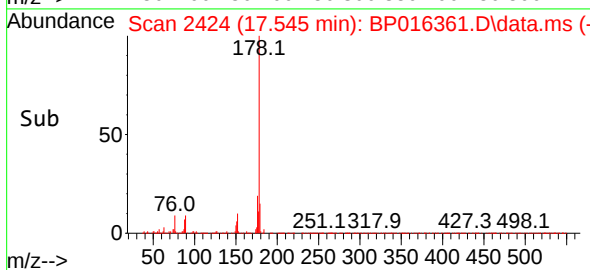
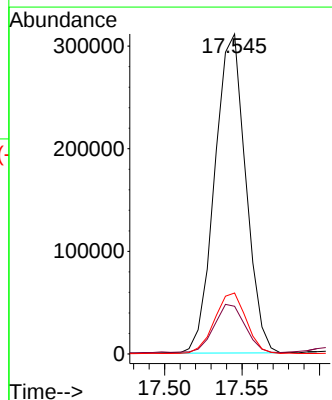
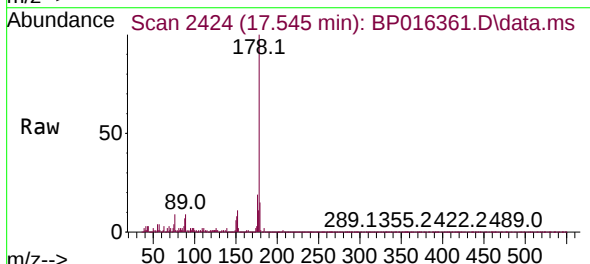
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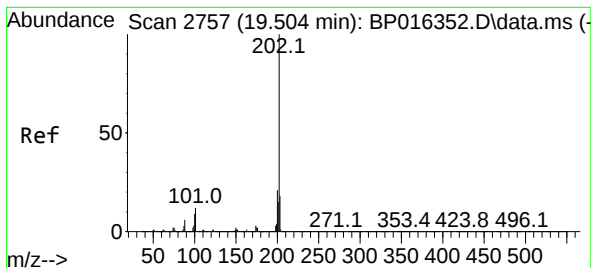
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#72
Phenanthrene
Concen: 3.461 ng/ul
RT: 17.545 min Scan# 2424
Delta R.T. -0.009 min
Lab File: BP016361.D
Acq: 25 Jul 2023 23:55

Tgt Ion:178 Resp: 432390
Ion Ratio Lower Upper
178 100
179 14.9 12.3 18.5
176 19.0 15.4 23.0





#80

Fluoranthene

Concen: 5.905 ng/uI

RT: 19.498 min Scan# 21

Delta R.T. -0.009 min

Lab File: BP016361.D

Acq: 25 Jul 2023 23:55

Instrument :

BNA_P

ClientSampleId :

A4721

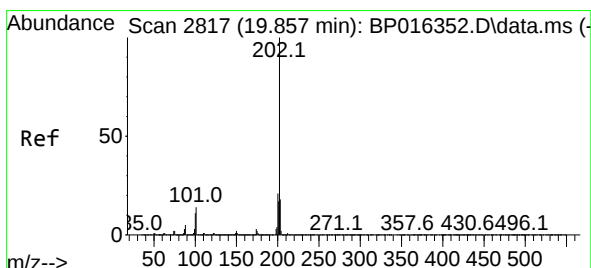
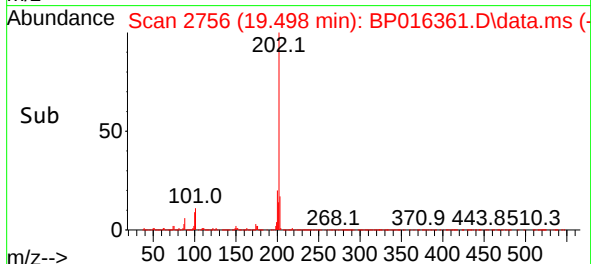
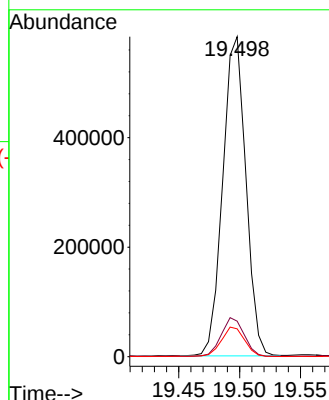
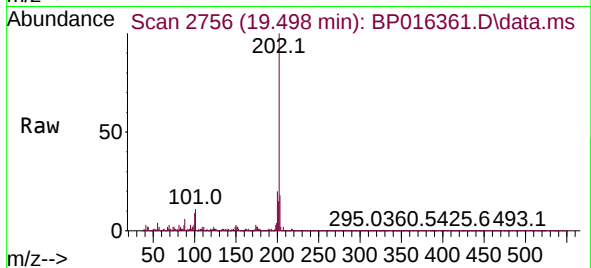
Tgt Ion:	202	Resp:	77100
Ion Ratio	Lower	Upper	
202	100		
101	11.1	9.1	13.7
100	8.7	7.1	10.7

Manual Integrations

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Reviewed By :Yogesh Patel 07/26/2023

Supervised By :mohammad ahmed 07/26/2023



#82

Pyrene

Concen: 5.241 ng/uI

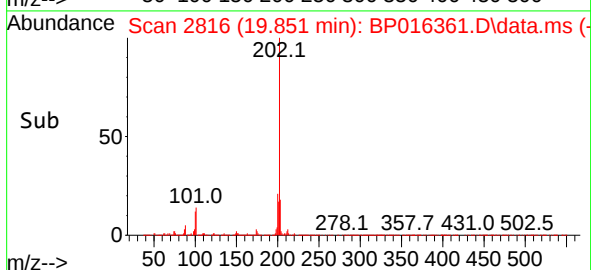
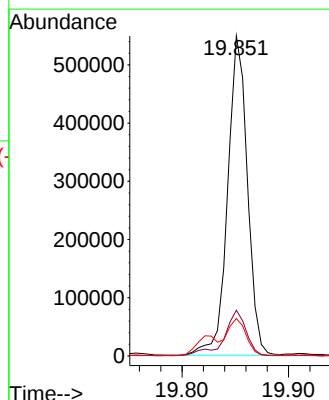
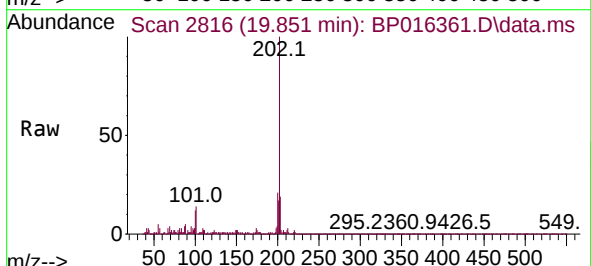
RT: 19.851 min Scan# 2816

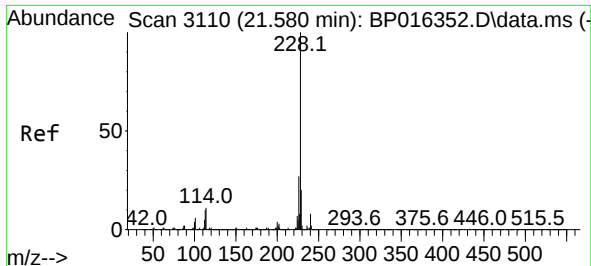
Delta R.T. -0.009 min

Lab File: BP016361.D

Acq: 25 Jul 2023 23:55

Tgt Ion:	202	Resp:	706966
Ion Ratio	Lower	Upper	
202	100		
101	14.3	11.2	16.8
100	11.7	9.4	14.0





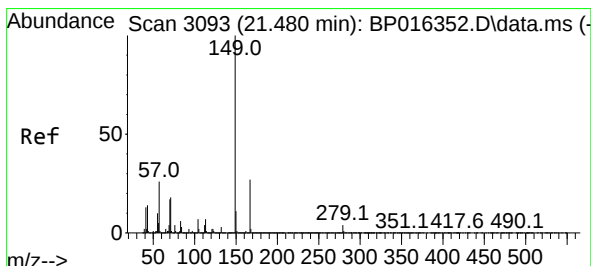
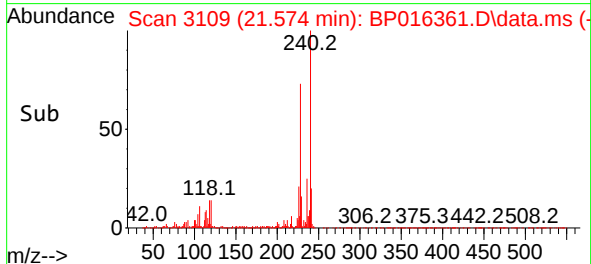
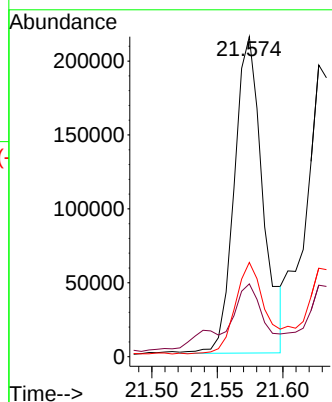
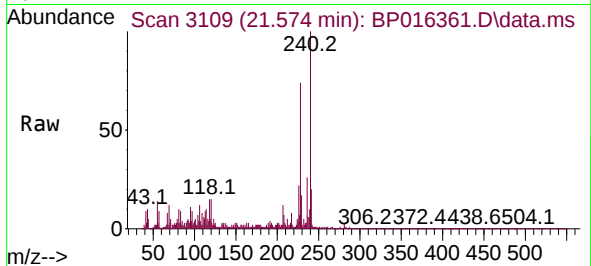
#85
Benzo(a)anthracene
Concen: 2.496 ng/ul
RT: 21.574 min Scan# 3110
Delta R.T. -0.009 min
Lab File: BP016361.D
Acq: 25 Jul 2023 23:55

Instrument : BNA_P
ClientSampleId : A4721

Tgt Ion:228 Resp: 324314
Ion Ratio Lower Upper
228 100
229 22.8 15.9 23.9
226 29.4 22.0 33.0

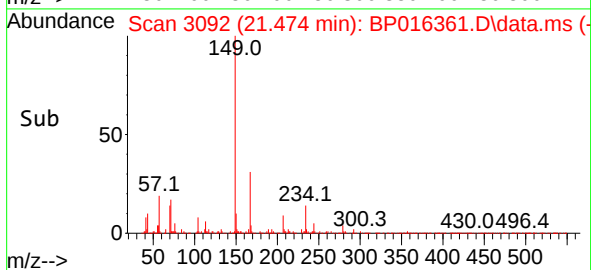
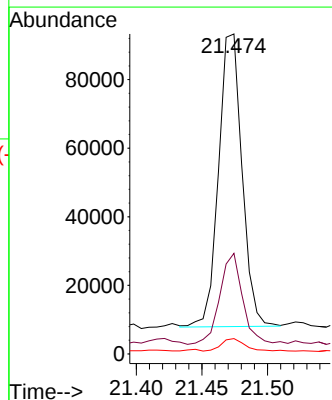
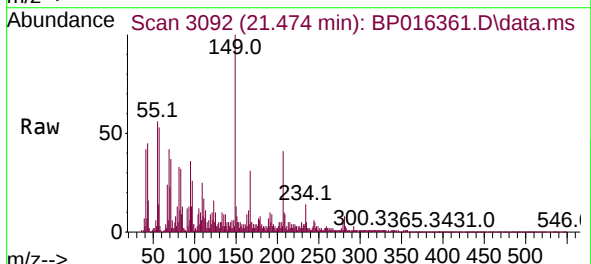
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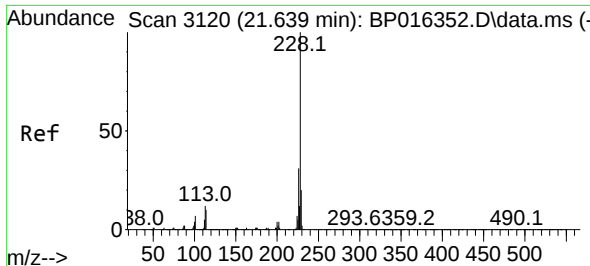
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.362 ng/ul
RT: 21.474 min Scan# 3092
Delta R.T. -0.009 min
Lab File: BP016361.D
Acq: 25 Jul 2023 23:55

Tgt Ion:149 Resp: 106065
Ion Ratio Lower Upper
149 100
167 31.5 21.7 32.5
279 4.8 3.0 4.4





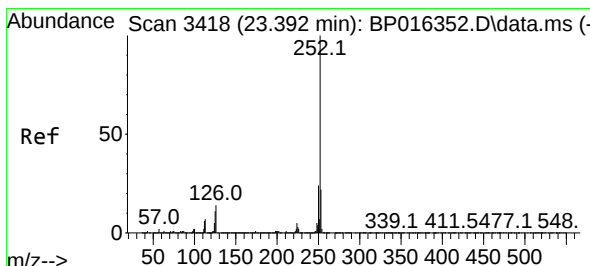
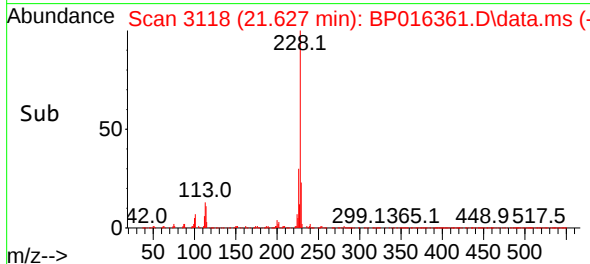
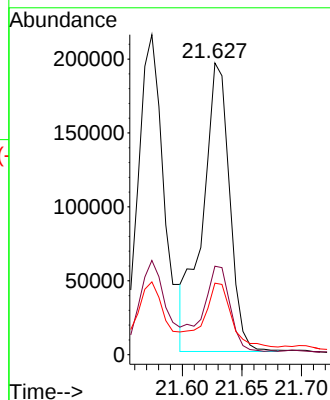
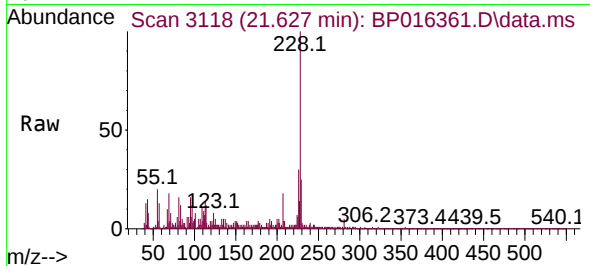
#87
Chrysene
Concen: 2.573 ng/ul m
RT: 21.627 min Scan# 3120
Delta R.T. -0.015 min
Lab File: BP016361.D
Acq: 25 Jul 2023 23:55

Instrument :
BNA_P
ClientSampleId :
A4721

Tgt Ion:228 Resp: 309589
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 24.5 15.6 23.4

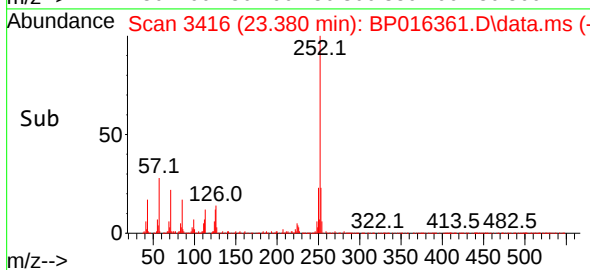
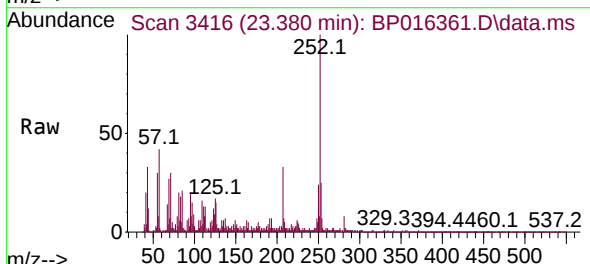
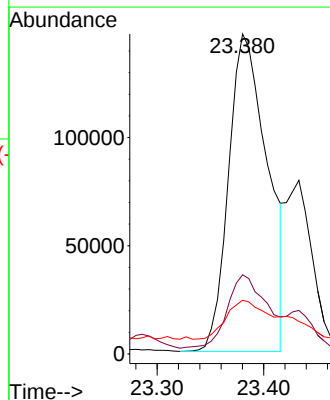
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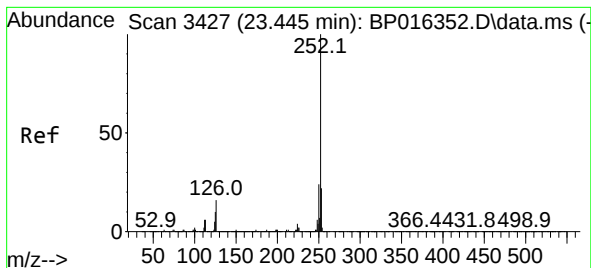
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#90
Benzo(b)fluoranthene
Concen: 3.461 ng/ul
RT: 23.380 min Scan# 3416
Delta R.T. -0.015 min
Lab File: BP016361.D
Acq: 25 Jul 2023 23:55

Tgt Ion:252 Resp: 371002
Ion Ratio Lower Upper
252 100
253 24.8 17.9 26.9
125 16.8 8.8 13.2





#91

Benzo(k)fluoranthene

Concen: 1.299 ng/ul m

RT: 23.433 min Scan# 34

Delta R.T. -0.015 min

Lab File: BP016361.D

Acq: 25 Jul 2023 23:55

Instrument :

BNA_P

ClientSampleId :

A4721

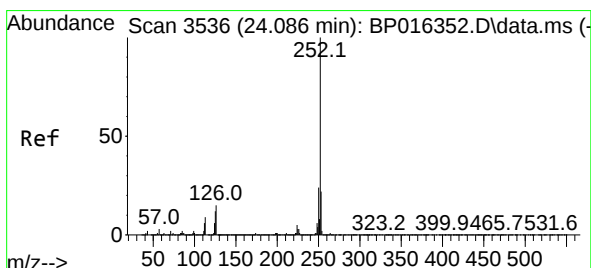
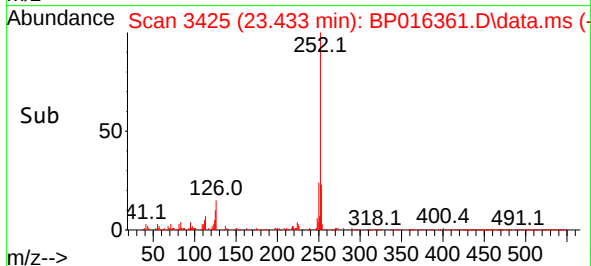
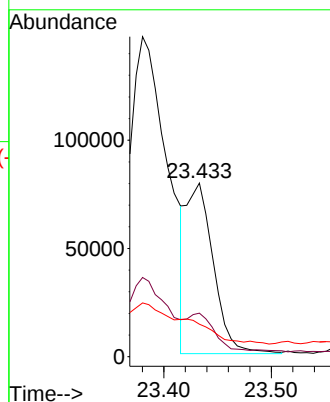
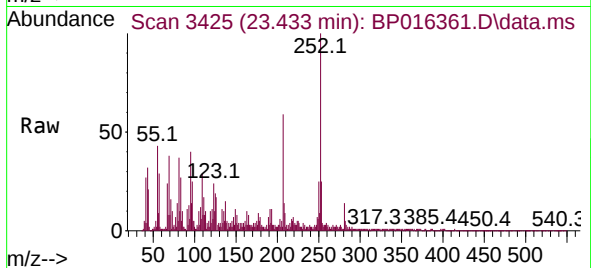
Tgt Ion:252 Resp: 138542
 Ion Ratio Lower Upper
 252 100
 253 25.1 17.7 26.5
 125 18.7 9.0 13.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/26/2023

Supervised By :mohammad ahmed 07/26/2023



#93

Benzo(a)pyrene

Concen: 2.414 ng/ul

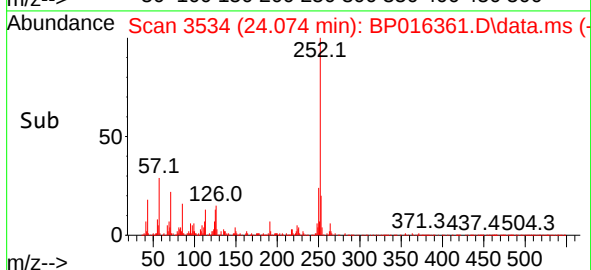
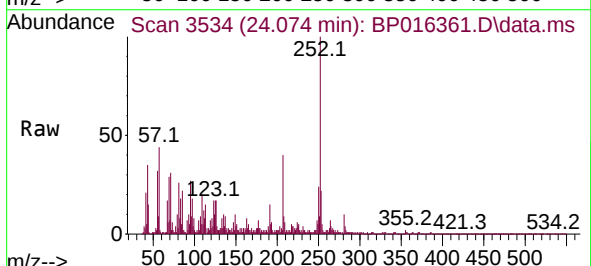
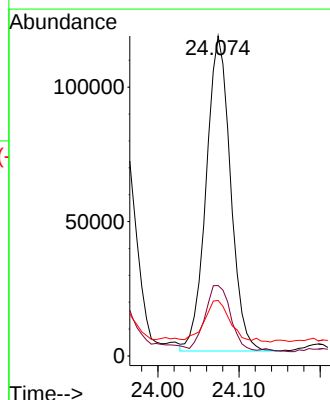
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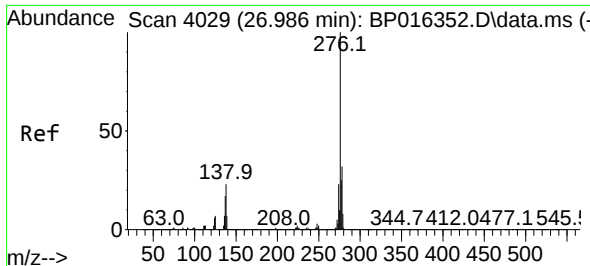
Delta R.T. -0.015 min

Lab File: BP016361.D

Acq: 25 Jul 2023 23:55

Tgt Ion:252 Resp: 243721
 Ion Ratio Lower Upper
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 125 17.3 9.4 14.0





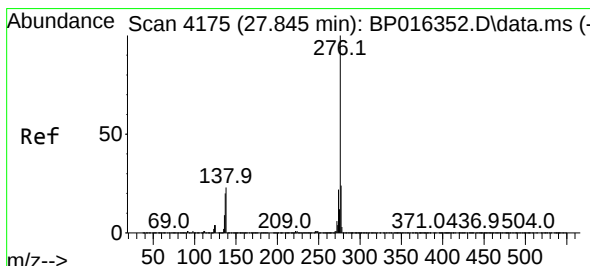
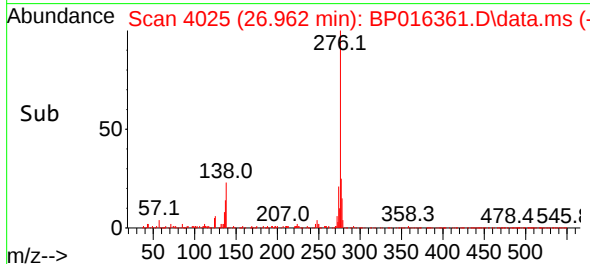
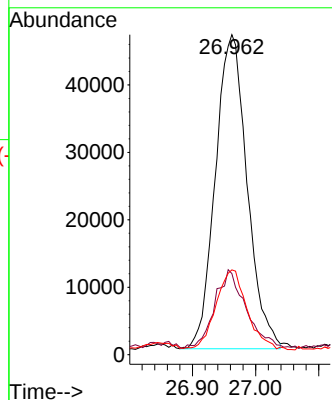
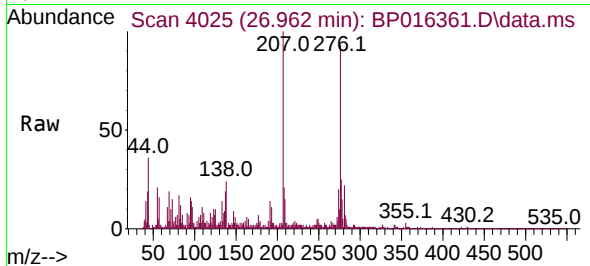
#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.396 ng/ul
 RT: 26.962 min Scan# 4029
 Delta R.T. -0.027 min
 Lab File: BP016361.D
 Acq: 25 Jul 2023 23:55

Instrument :
 BNA_P
 ClientSampleId :
 A4721

Tgt Ion:276 Resp: 162725
 Ion Ratio Lower Upper
 276 100
 138 25.3 18.1 27.1
 277 26.5 19.0 28.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023



#96
 Benzo(g,h,i)perylene
 Concen: 1.642 ng/ul
 RT: 27.821 min Scan# 4171
 Delta R.T. -0.038 min
 Lab File: BP016361.D
 Acq: 25 Jul 2023 23:55

Tgt Ion:276 Resp: 151568
 Ion Ratio Lower Upper
 276 100
 138 24.2 17.8 26.6
 277 25.8 19.0 28.4

