

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015859.D
 Acq On : 30 Jun 2023 23:38
 Operator : MA/JU
 Sample : 03239-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFZ6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 00:45:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	277050	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1201514	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	699195	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1319406	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	958890	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	1104559	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	22741	2.953	ng/uL	0.00
4) Pyridine-d5	3.828	84	211468	10.894	ng/ul	0.00
7) Phenol-d5	7.234	99	424940	17.926	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	298485	20.353	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	346940	19.389	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	314584	16.799	ng/ul	0.01
21) Nitrobenzene-d5	9.246	128	165205	17.992	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	184101	17.178	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.546	165	299356	15.675	ng/ul	0.03
31) 4-Chloroaniline-d4	11.069	131	212278	8.653	ng/ul	0.04
46) Dimethylphthalate-d6	14.116	166	1060497	19.623	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1195274	19.675	ng/ul	0.00
54) 4-Nitrophenol-d4	15.004	143	99070m	13.892	ng/ul	0.05
60) Fluorene-d10	15.704	176	857646	19.274	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	89023	10.971	ng/ul	0.02
73) Anthracene-d10	17.569	188	1129545	18.742	ng/ul	0.00
81) Pyrene-d10	19.792	212	1221198	19.504	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	1105522	19.841	ng/ul	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.504	178	145540	2.030	ng/ul	98
80) Fluoranthene	19.463	202	471702	6.062	ng/ul#	91
82) Pyrene	19.816	202	448715	5.653	ng/ul#	88
85) Benzo(a)anthracene	21.533	228	414192	6.140	ng/ul	97
87) Chrysene	21.592	228	538928	8.421	ng/ul	98
90) Benzo(b)fluoranthene	23.310	252	972499	13.702	ng/ul#	93
91) Benzo(k)fluoranthene	23.351	252	257734	3.594	ng/ul#	93
93) Benzo(a)pyrene	23.974	252	541168	8.726	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.786	276	457971	5.440	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.780	278	152639	2.207	ng/ul#	81
96) Benzo(g,h,i)perylene	27.627	276	432908	6.251	ng/ul	96

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

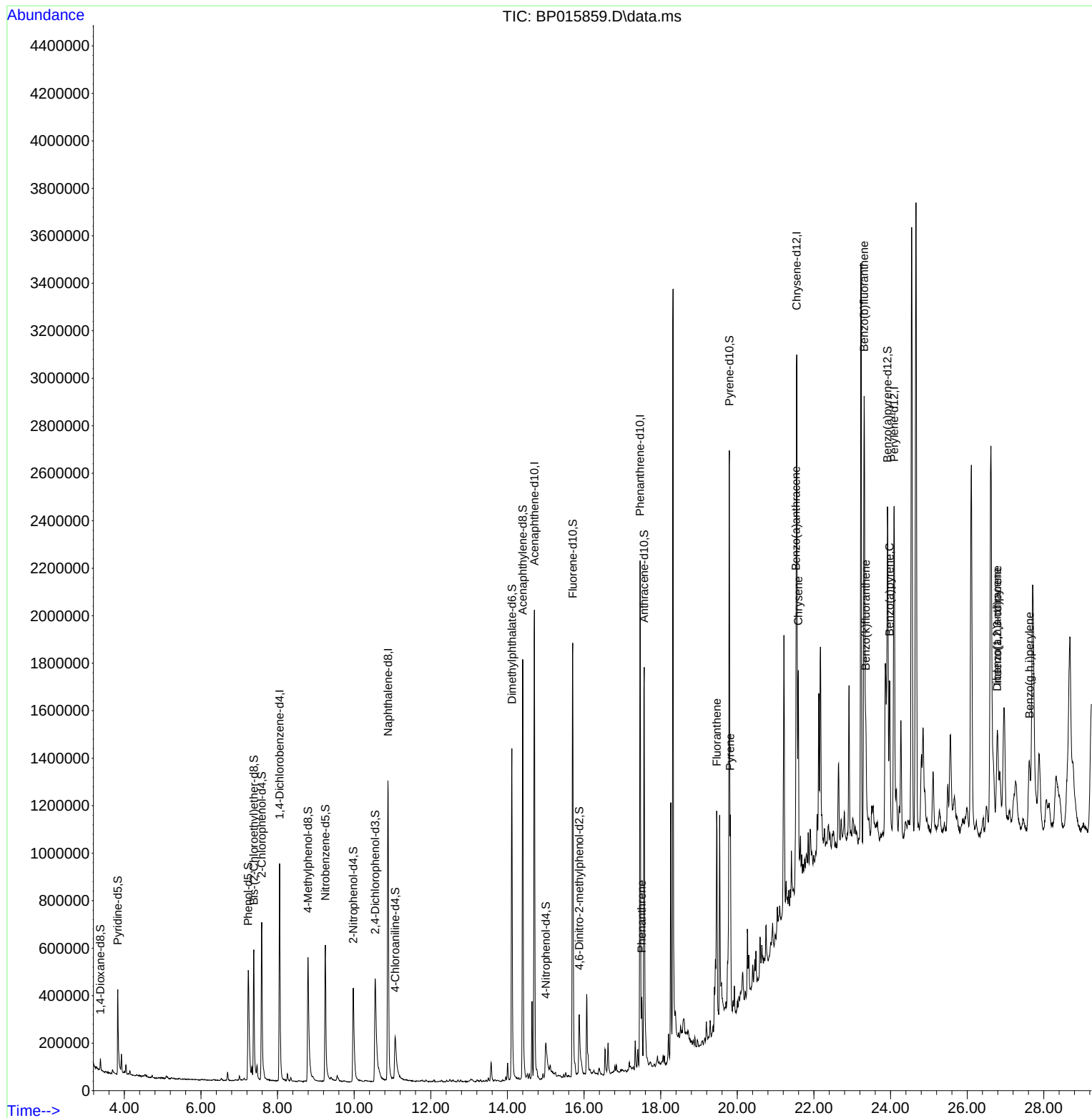
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015859.D
Acq On : 30 Jun 2023 23:38
Operator : MA/JU
Sample : 03239-18
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ALS Vial : 25 Sample Multiplier: 1

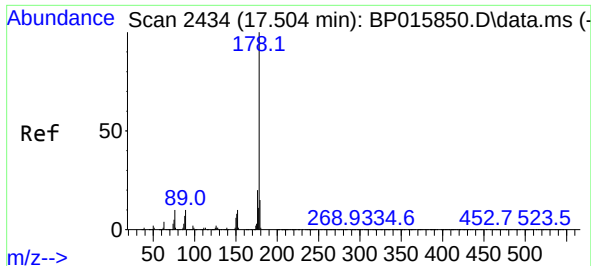
Instrument :
BNA_P
ClientSampleId :
DCFZ6

Quant Time: Jul 01 00:45:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
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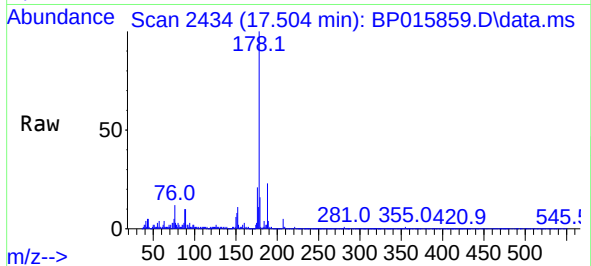
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023





#72
Phenanthrene
Concen: 2.030 ng/u1
RT: 17.504 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BP015859.D
Acq: 30 Jun 2023 23:38

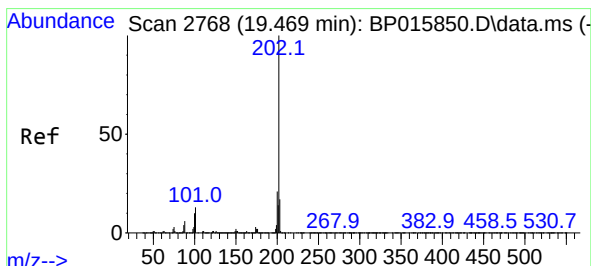
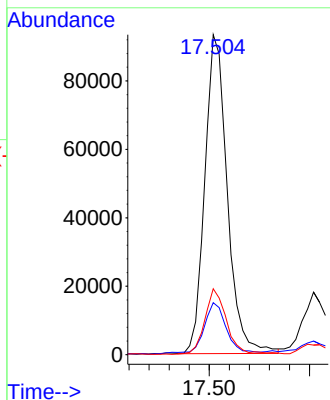
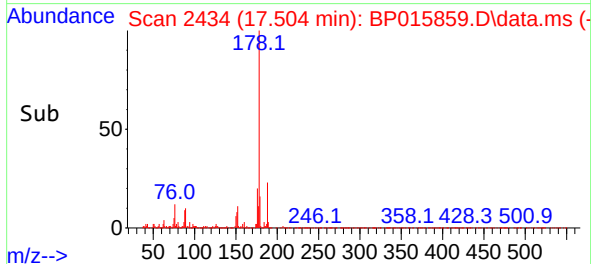
Instrument :
BNA_P
ClientSampleId :
DCFZ6



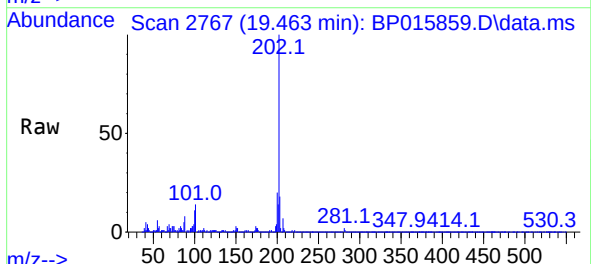
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Ion Ratio Lower Upper
178 100
179 16.2 12.4 18.6
176 20.6 15.6 23.4

Manual Integrations
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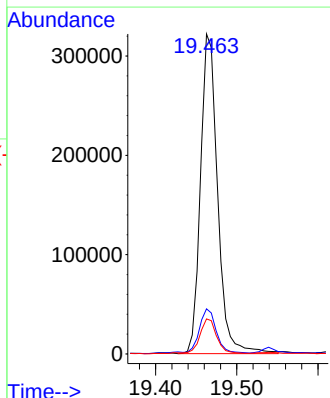
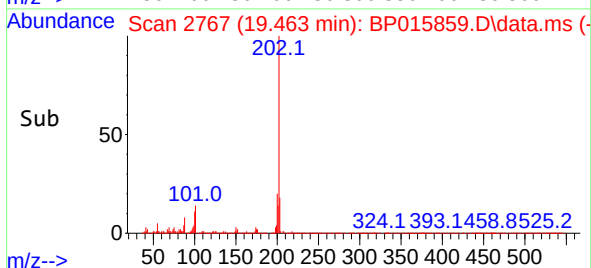
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

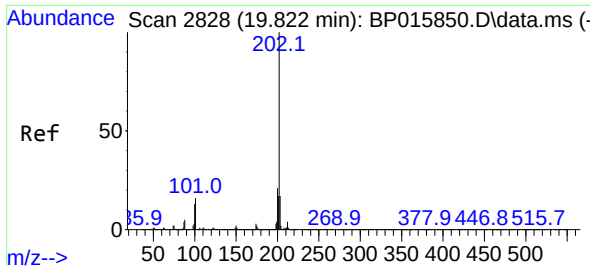


#80
Fluoranthene
Concen: 6.062 ng/u1
RT: 19.463 min Scan# 2767
Delta R.T. -0.006 min
Lab File: BP015859.D
Acq: 30 Jun 2023 23:38



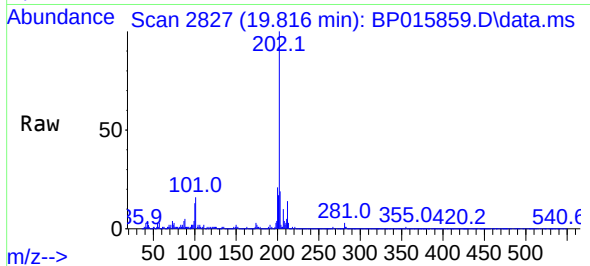
Tgt Ion:202 Resp: 471702
Ion Ratio Lower Upper
202 100
101 14.1 8.3 12.5#
100 10.9 6.6 9.8#





#82
Pyrene
Concen: 5.653 ng/ul
RT: 19.816 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP015859.D
Acq: 30 Jun 2023 23:38

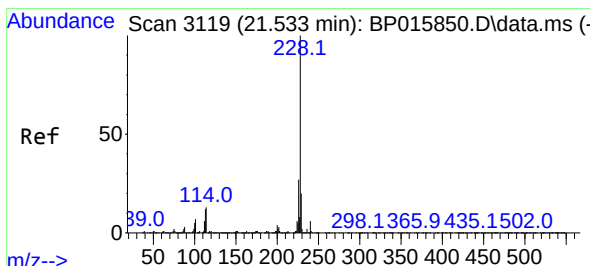
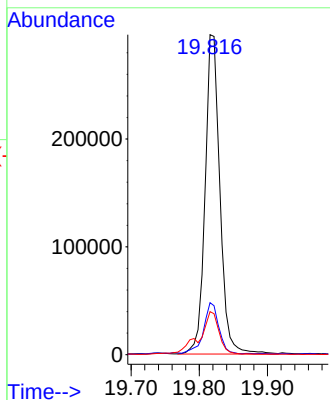
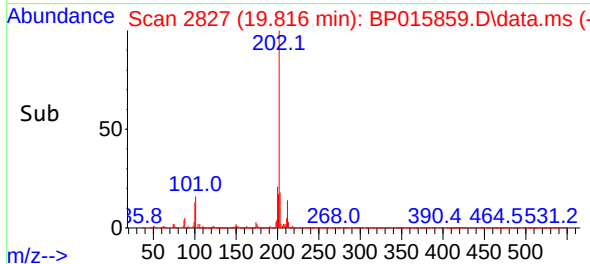
Instrument :
BNA_P
ClientSampleId :
DCFZ6



Tgt Ion:202 Resp: 448715
Ion Ratio Lower Upper
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101 16.3 9.3 13.9
100 13.5 7.6 11.4

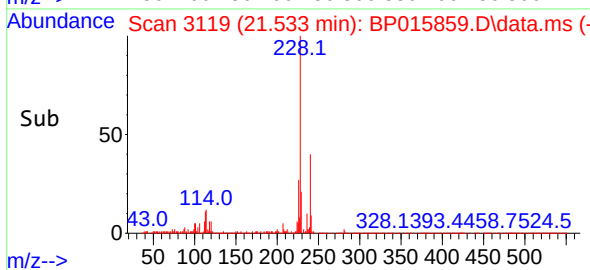
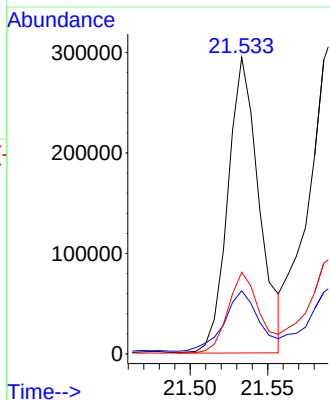
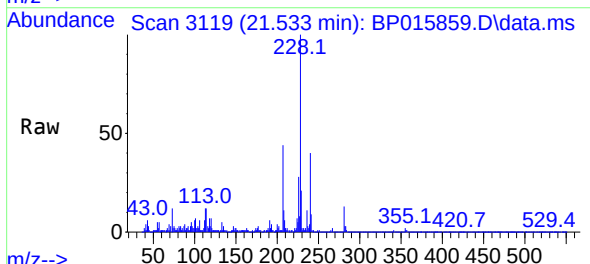
Manual Integrations
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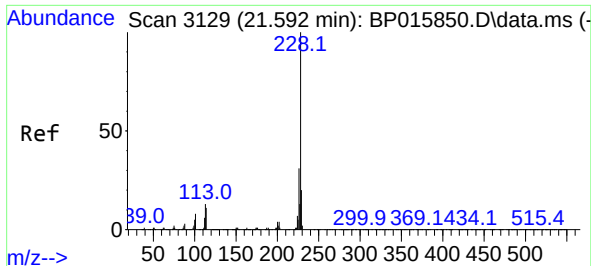
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#85
Benzo(a)anthracene
Concen: 6.140 ng/ul
RT: 21.533 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP015859.D
Acq: 30 Jun 2023 23:38

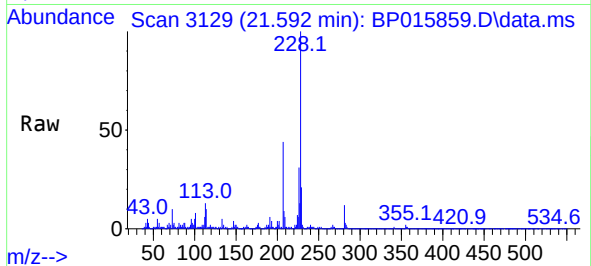
Tgt Ion:228 Resp: 414192
Ion Ratio Lower Upper
228 100
229 21.3 15.3 22.9
226 27.6 21.4 32.0





#87
Chrysene
Concen: 8.421 ng/ul
RT: 21.592 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BP015859.D
Acq: 30 Jun 2023 23:38

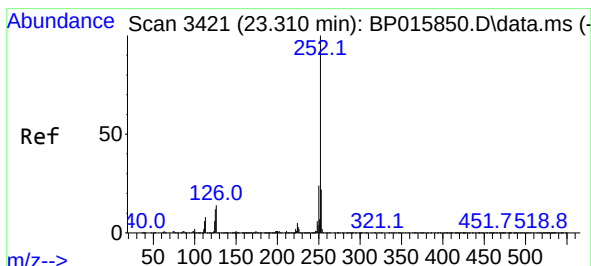
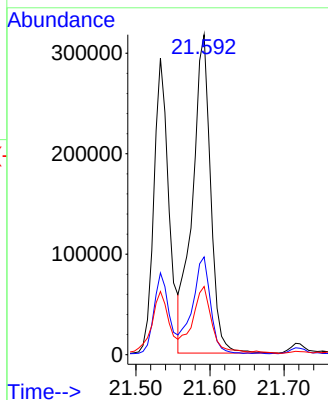
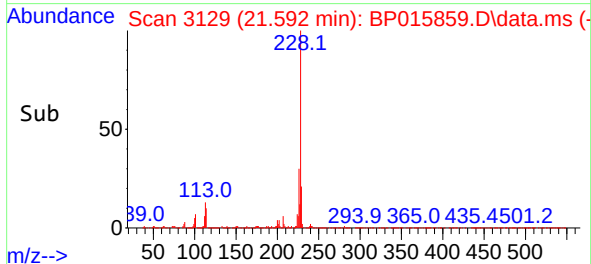
Instrument :
BNA_P
ClientSampleId :
DCFZ6



Tgt Ion:228 Resp: 538928
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 21.3 15.5 23.3

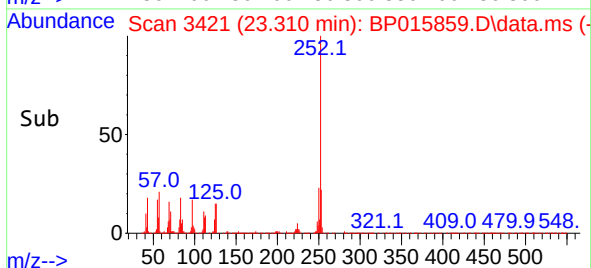
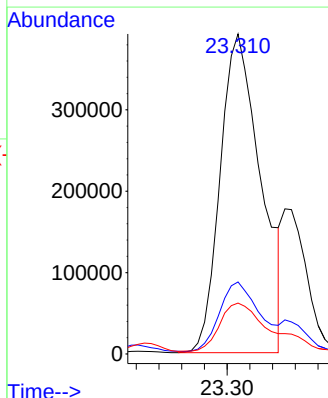
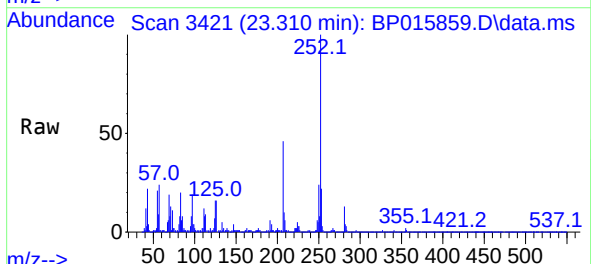
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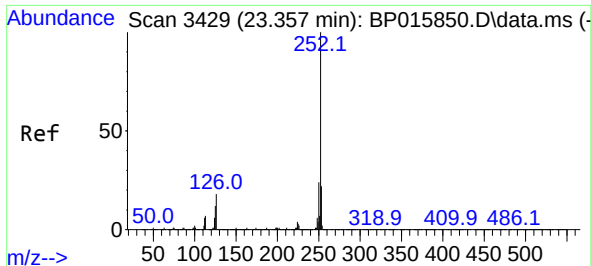
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#90
Benzo(b)fluoranthene
Concen: 13.702 ng/ul
RT: 23.310 min Scan# 3421
Delta R.T. -0.006 min
Lab File: BP015859.D
Acq: 30 Jun 2023 23:38

Tgt Ion:252 Resp: 972499
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 15.9 7.5 11.3





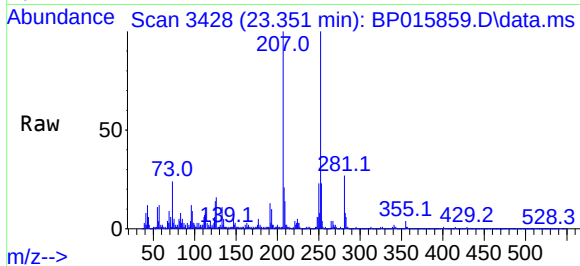
#91
Benzo(k)fluoranthene
Concen: 3.594 ng/u1
RT: 23.351 min Scan# 3429
Delta R.T. -0.012 min
Lab File: BP015859.D
Acq: 30 Jun 2023 23:38

Instrument :

BNA_P

ClientSampleId :

DCFZ6

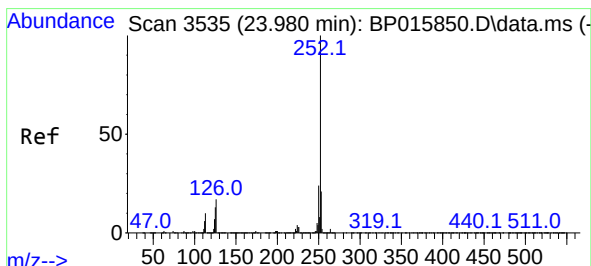
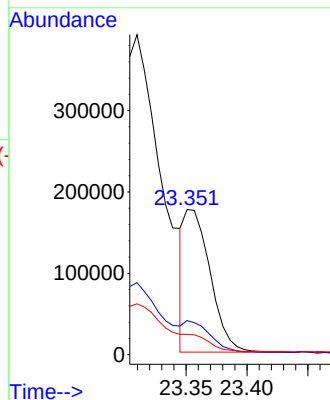


Tgt Ion:252 Resp: 257734
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.4
125 14.0 7.3 10.9

Manual Integrations

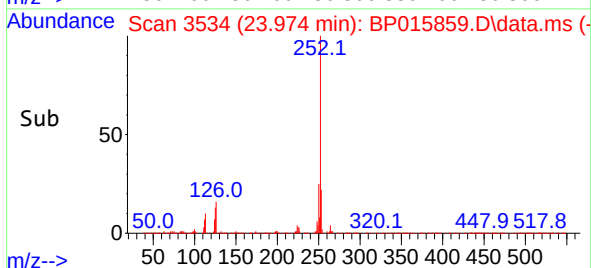
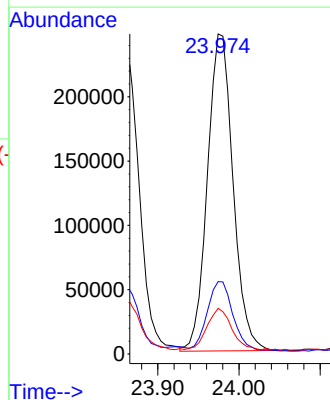
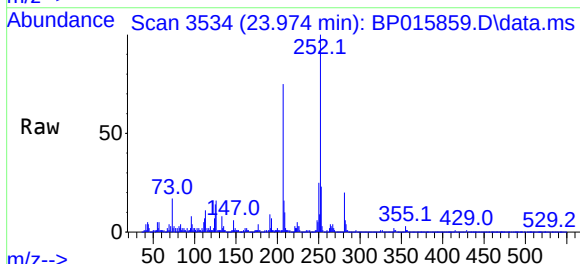
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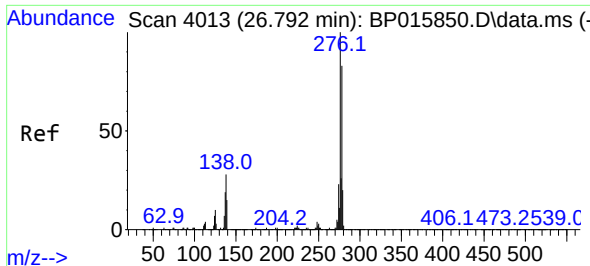
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#93
Benzo(a)pyrene
Concen: 8.726 ng/u1
RT: 23.974 min Scan# 3534
Delta R.T. -0.012 min
Lab File: BP015859.D
Acq: 30 Jun 2023 23:38

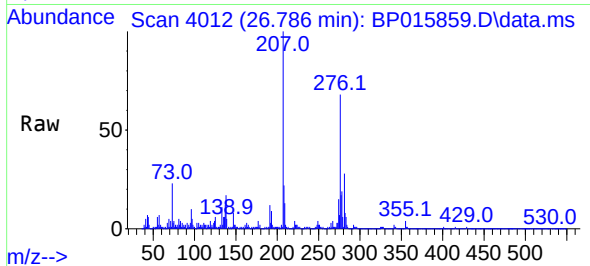
Tgt Ion:252 Resp: 541168
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 14.2 8.2 12.2





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 5.440 ng/ul
 RT: 26.786 min Scan# 4012
 Delta R.T. -0.012 min
 Lab File: BP015859.D
 Acq: 30 Jun 2023 23:38

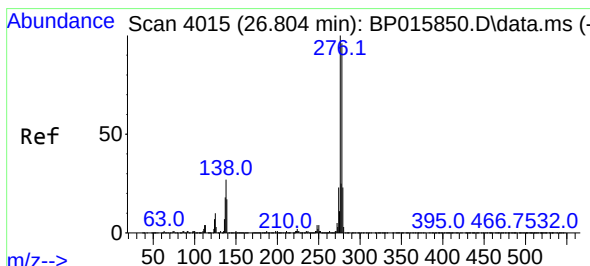
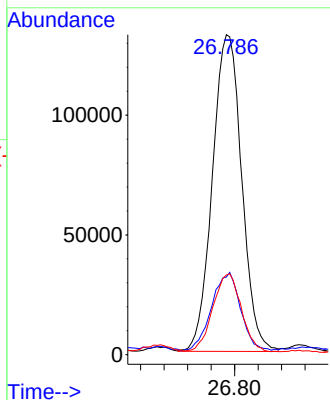
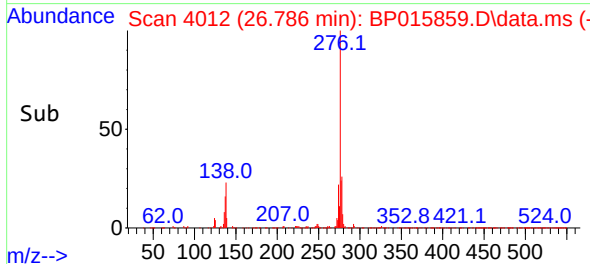
Instrument :
 BNA_P
 ClientSampleId :
 DCFZ6



Tgt Ion:276 Resp: 45797
 Ion Ratio Lower Upper
 276 100
 138 24.2 15.7 23.5
 277 24.9 19.6 29.4

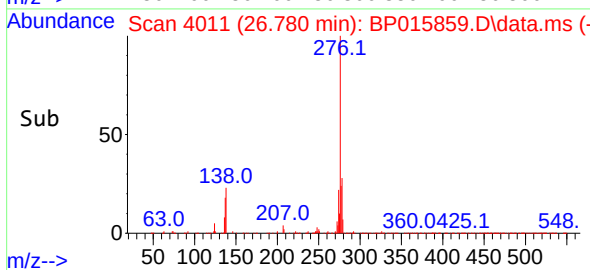
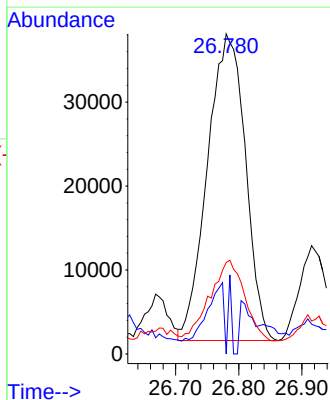
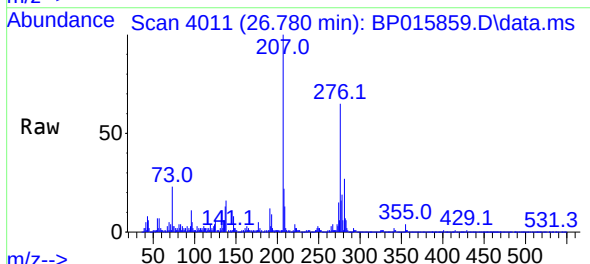
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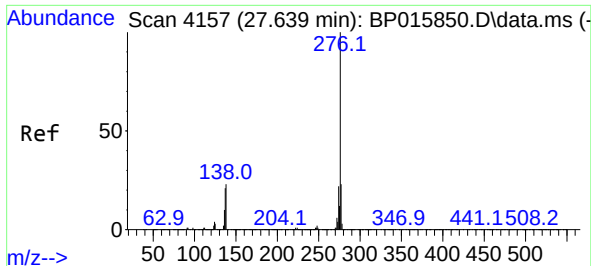
Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023



#95
 Dibenzo(a,h)anthracene
 Concen: 2.207 ng/ul
 RT: 26.780 min Scan# 4011
 Delta R.T. -0.029 min
 Lab File: BP015859.D
 Acq: 30 Jun 2023 23:38

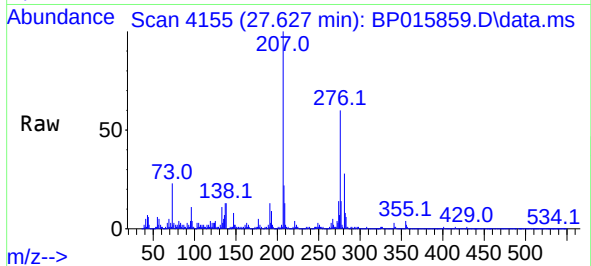
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 Ion Ratio Lower Upper
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 139 0.0 10.5 15.7#
 279 28.6 18.4 27.6#





#96
Benzo(g,h,i)perylene
Concen: 6.251 ng/ul
RT: 27.627 min Scan# 4155
Delta R.T. -0.012 min
Lab File: BP015859.D
Acq: 30 Jun 2023 23:38

Instrument :
BNA_P
ClientSampleId :
DCFZ6



Tgt Ion:276 Resp: 432908
Ion Ratio Lower Upper
276 100
138 22.4 15.1 22.7
277 24.0 18.8 28.2

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Supervised By :mohammad ahmed 07/01/2023

