

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015856.D
 Acq On : 30 Jun 2023 21:56
 Operator : MA/JU
 Sample : 03239-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFY2

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 00:27:19 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	285176	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1253884	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	746741	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1531494	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	1023422	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	1088385	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	13912	1.755	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.240	99	227644	9.330	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	163016	10.799	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	191136	10.377	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	137810	7.149	ng/ul	0.02
21) Nitrobenzene-d5	9.252	128	89348	9.324	ng/ul	0.01
24) 2-Nitrophenol-d4	9.981	143	96859	8.660	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.557	165	163678m	8.213	ng/ul	0.04
31) 4-Chloroaniline-d4	11.087	131	73622m	2.876	ng/ul	0.05
46) Dimethylphthalate-d6	14.116	166	598167	10.364	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	688086	10.605	ng/ul	0.00
54) 4-Nitrophenol-d4	15.022	143	47678m	6.260	ng/ul	0.07
60) Fluorene-d10	15.704	176	515469	10.846	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	38836	4.123	ng/ul	0.02
73) Anthracene-d10	17.569	188	715904	10.234	ng/ul	0.00
81) Pyrene-d10	19.786	212	803489	12.023	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	569224	10.368	ng/ul	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.504	178	181270	2.179	ng/ul	97
80) Fluoranthene	19.463	202	598503	7.206	ng/ul#	91
82) Pyrene	19.816	202	556086	6.564	ng/ul#	89
85) Benzo(a)anthracene	21.533	228	521884	7.249	ng/ul	98
87) Chrysene	21.586	228	654342	9.580	ng/ul	97
90) Benzo(b)fluoranthene	23.310	252	1077781	15.412	ng/ul#	94
91) Benzo(k)fluoranthene	23.357	252	380604m	5.387	ng/ul	
93) Benzo(a)pyrene	23.974	252	556934	9.114	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.786	276	511819	6.170	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.786	278	181068	2.657	ng/ul#	91
96) Benzo(g,h,i)perylene	27.627	276	90131	1.321	ng/ul#	87

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

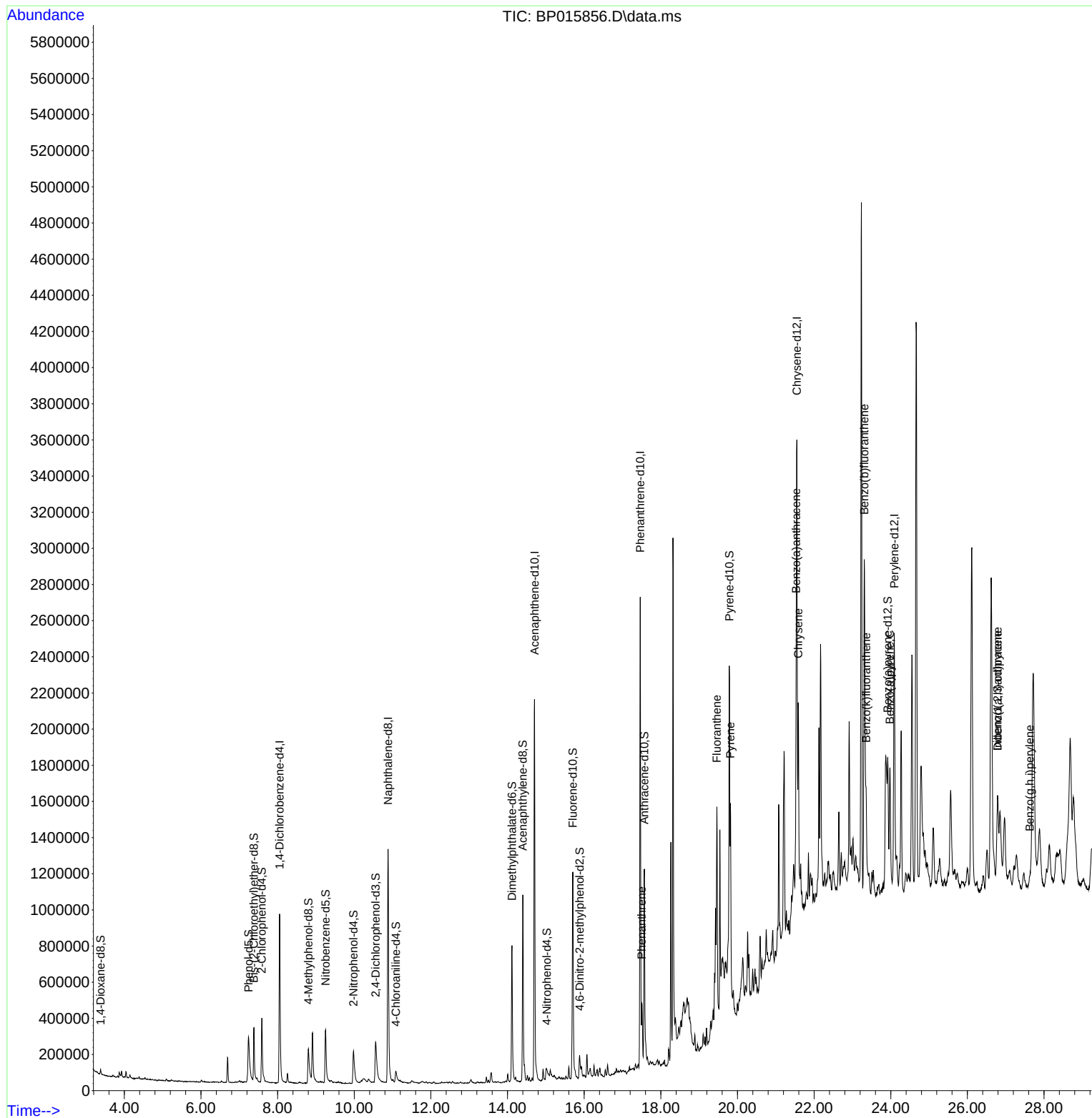
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015856.D
Acq On : 30 Jun 2023 21:56
Operator : MA/JU
Sample : 03239-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

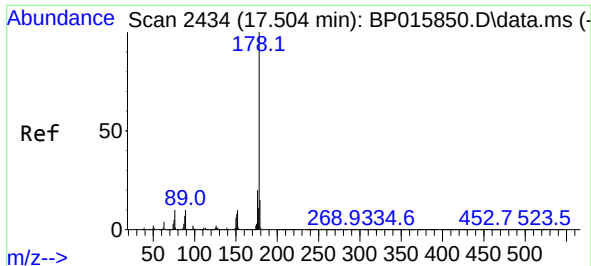
Instrument :
BNA_P
ClientSampleId :
DCFY2

Quant Time: Jul 01 00:27:19 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

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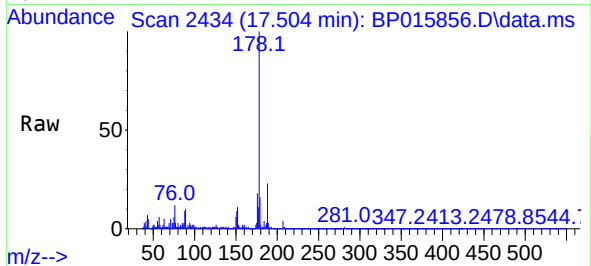
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023





#72
Phenanthrene
Concen: 2.179 ng/u1
RT: 17.504 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BP015856.D
Acq: 30 Jun 2023 21:56

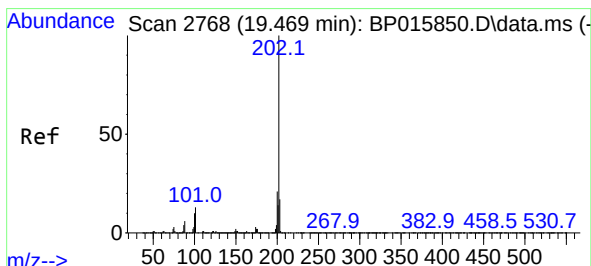
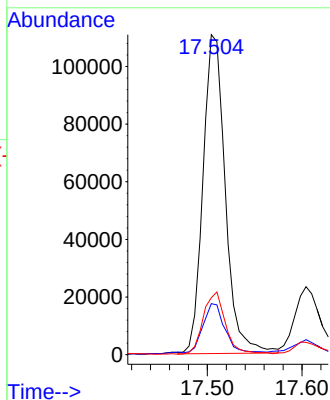
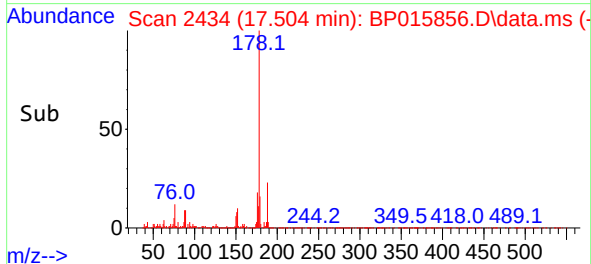
Instrument :
BNA_P
ClientSampleId :
DCFY2



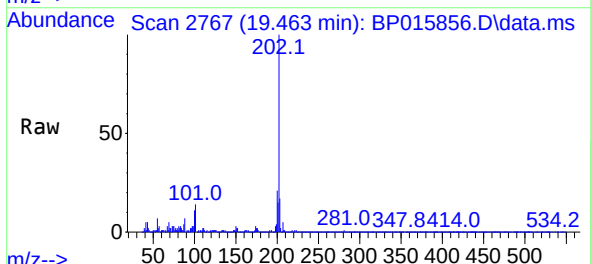
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Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 17.8 15.6 23.4

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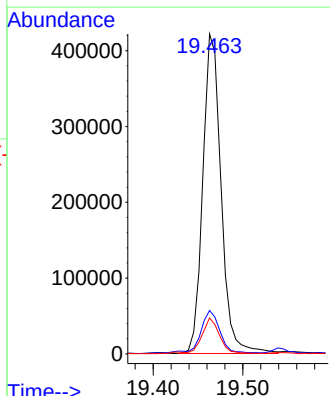
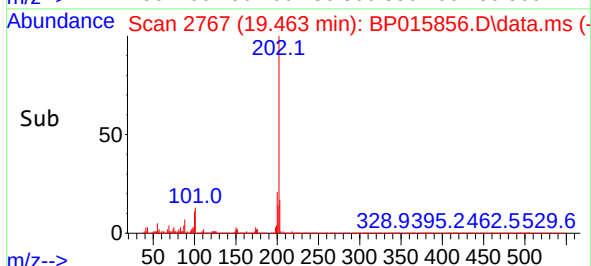
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

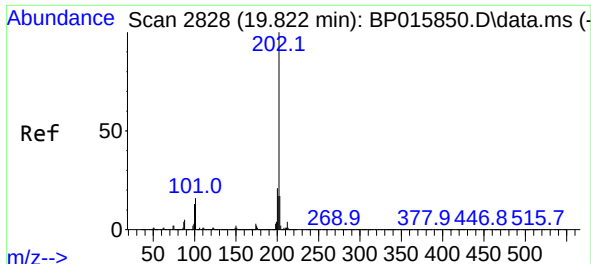


#80
Fluoranthene
Concen: 7.206 ng/u1
RT: 19.463 min Scan# 2767
Delta R.T. -0.006 min
Lab File: BP015856.D
Acq: 30 Jun 2023 21:56



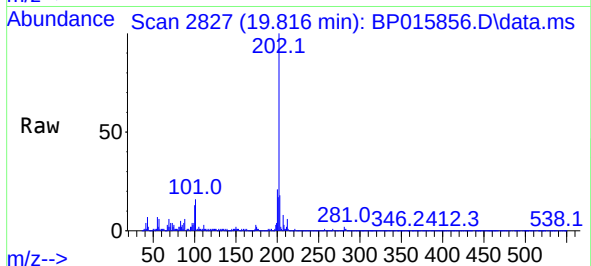
Tgt Ion:202 Resp: 598503
Ion Ratio Lower Upper
202 100
101 13.6 8.3 12.5#
100 11.3 6.6 9.8#





#82
Pyrene
Concen: 6.564 ng/ul
RT: 19.816 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015856.D
Acq: 30 Jun 2023 21:56

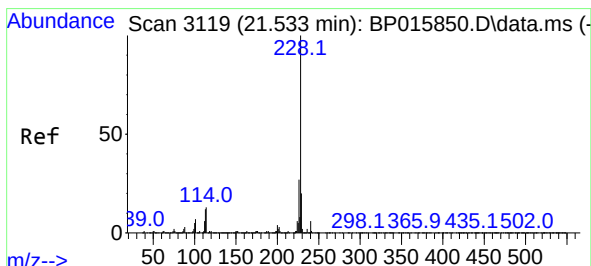
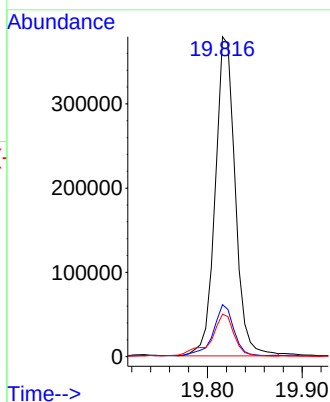
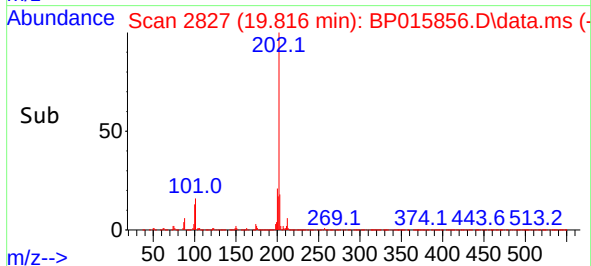
Instrument :
BNA_P
ClientSampleId :
DCFY2



Tgt Ion:202 Resp: 556080
Ion Ratio Lower Upper
202 100
101 16.2 9.3 13.9
100 13.3 7.6 11.4

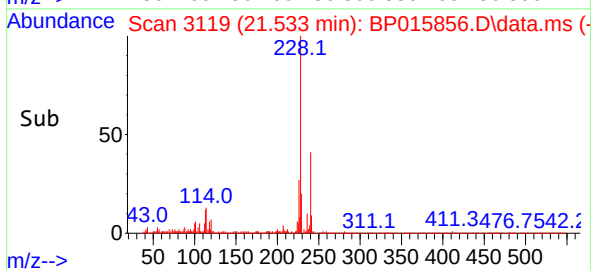
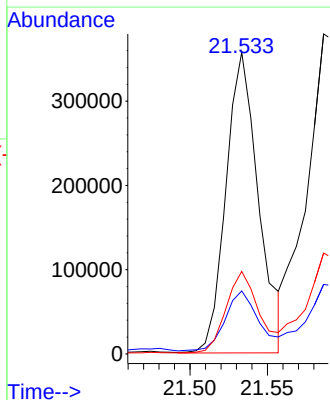
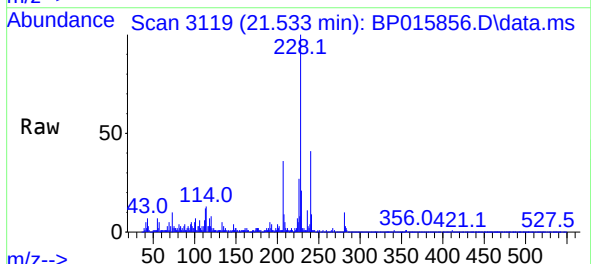
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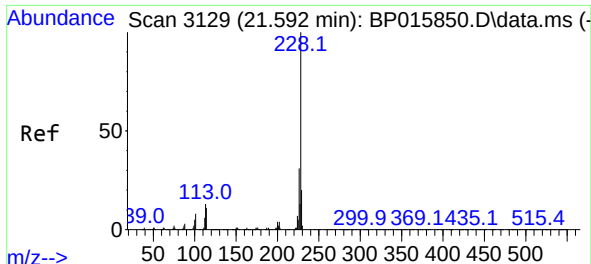
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#85
Benzo(a)anthracene
Concen: 7.249 ng/ul
RT: 21.533 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP015856.D
Acq: 30 Jun 2023 21:56

Tgt Ion:228 Resp: 521884
Ion Ratio Lower Upper
228 100
229 20.9 15.3 22.9
226 27.4 21.4 32.0





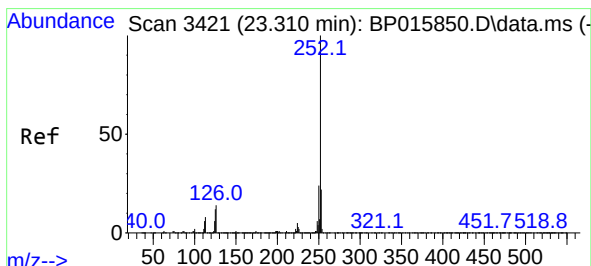
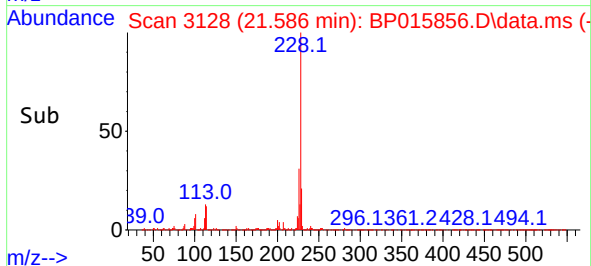
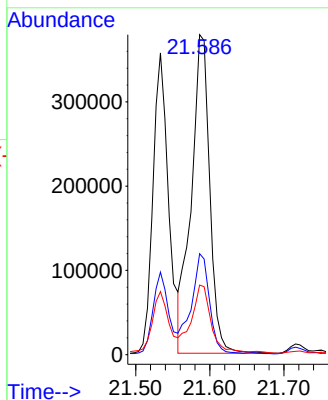
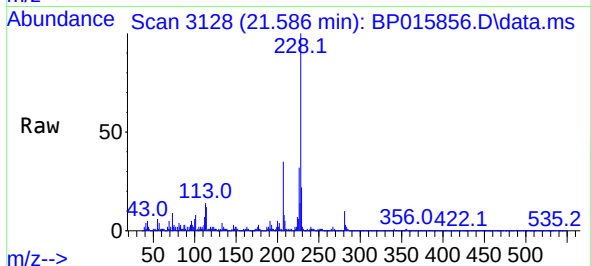
#87
Chrysene
Concen: 9.580 ng/ul
RT: 21.586 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BP015856.D
Acq: 30 Jun 2023 21:56

Instrument :
BNA_P
ClientSampleId :
DCFY2

Tgt Ion:228 Resp: 65434
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 21.7 15.5 23.3

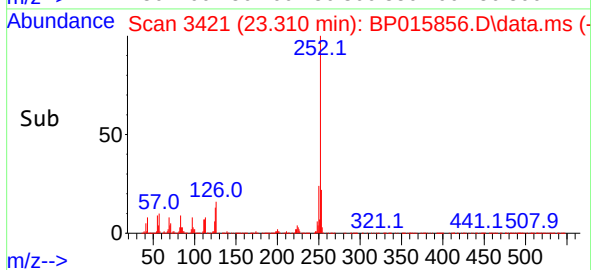
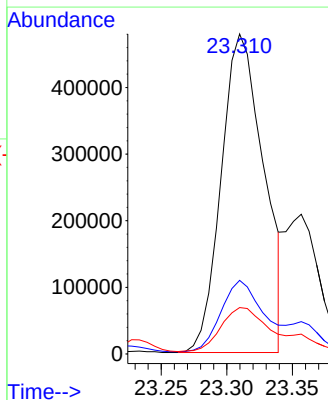
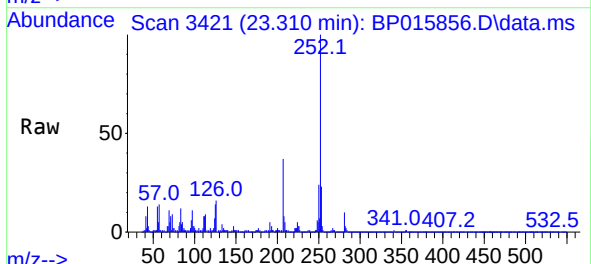
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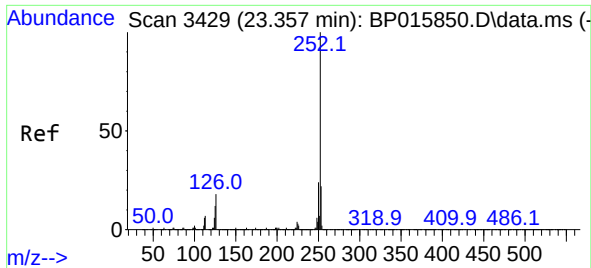
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#90
Benzo(b)fluoranthene
Concen: 15.412 ng/ul
RT: 23.310 min Scan# 3421
Delta R.T. -0.006 min
Lab File: BP015856.D
Acq: 30 Jun 2023 21:56

Tgt Ion:252 Resp: 1077781
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 14.5 7.5 11.3





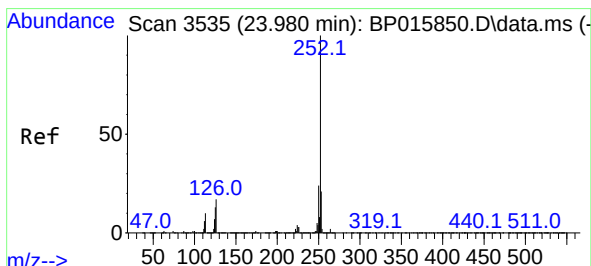
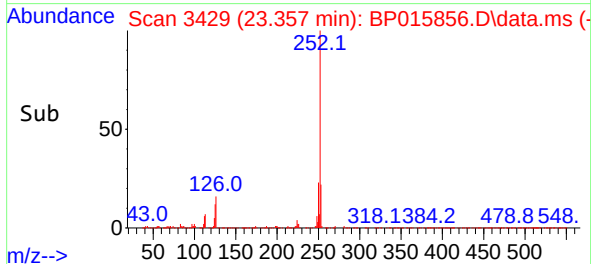
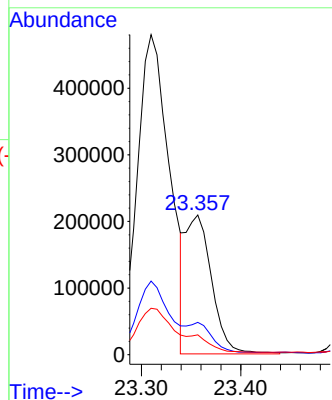
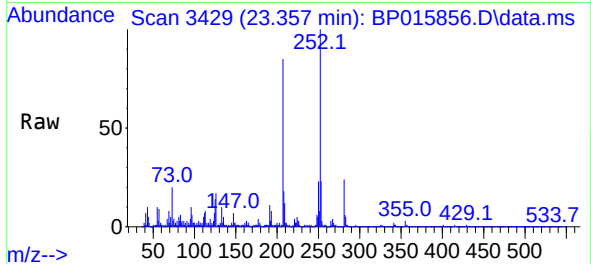
#91
Benzo(k)fluoranthene
Concen: 5.387 ng/ul m
RT: 23.357 min Scan# 3429
Delta R.T. -0.006 min
Lab File: BP015856.D
Acq: 30 Jun 2023 21:56

Instrument :
BNA_P
ClientSampleId :
DCFY2

Tgt Ion:252 Resp: 380604
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.4
125 14.2 7.3 10.9

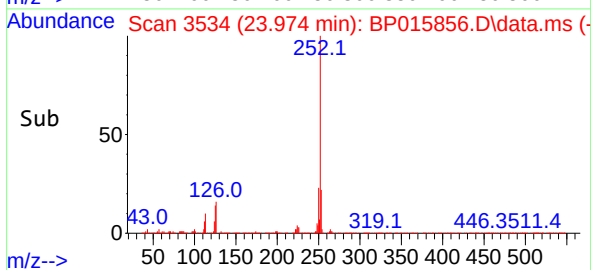
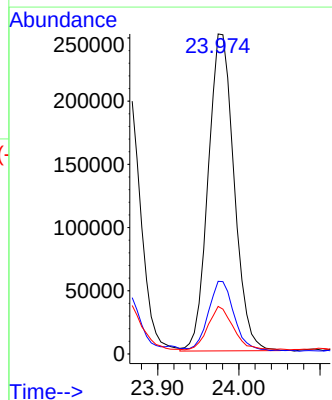
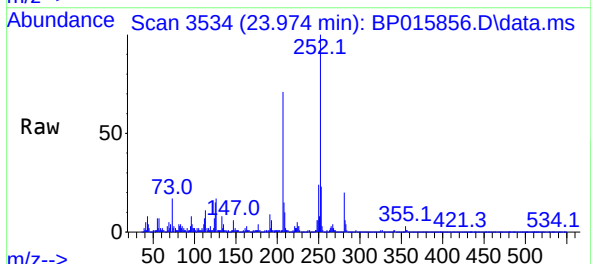
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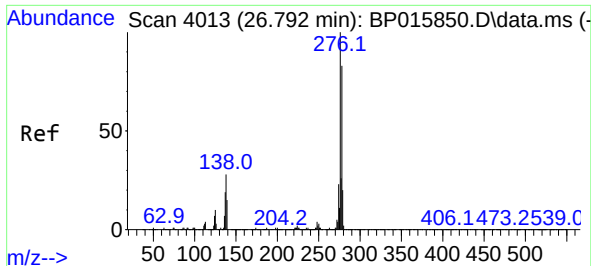
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#93
Benzo(a)pyrene
Concen: 9.114 ng/ul
RT: 23.974 min Scan# 3534
Delta R.T. -0.012 min
Lab File: BP015856.D
Acq: 30 Jun 2023 21:56

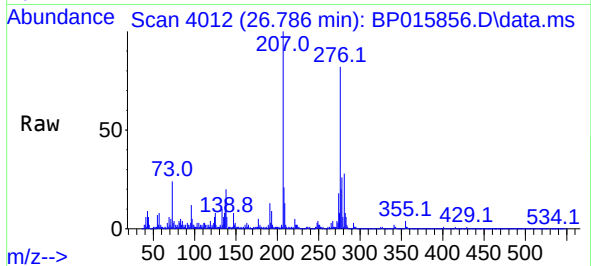
Tgt Ion:252 Resp: 556934
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 14.9 8.2 12.2





#94
Indeno(1,2,3-cd)pyrene
Concen: 6.170 ng/ul
RT: 26.786 min Scan# 4012
Delta R.T. -0.012 min
Lab File: BP015856.D
Acq: 30 Jun 2023 21:56

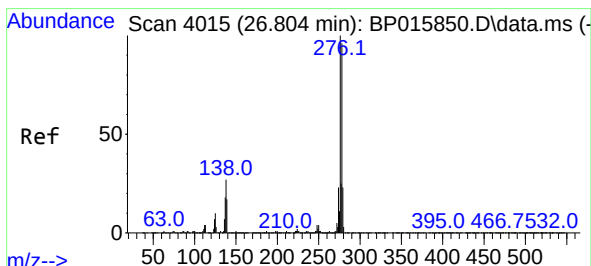
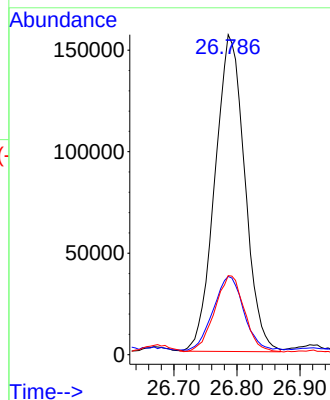
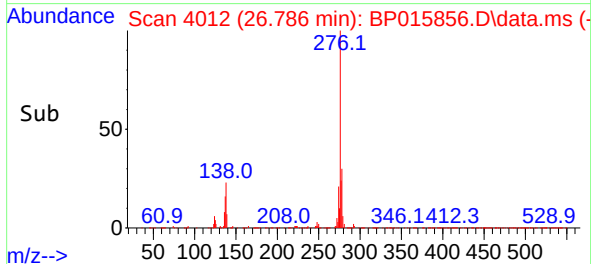
Instrument :
BNA_P
ClientSampleId :
DCFY2



Tgt Ion:276 Resp: 511819
Ion Ratio Lower Upper
276 100
138 24.5 15.7 23.5
277 24.7 19.6 29.4

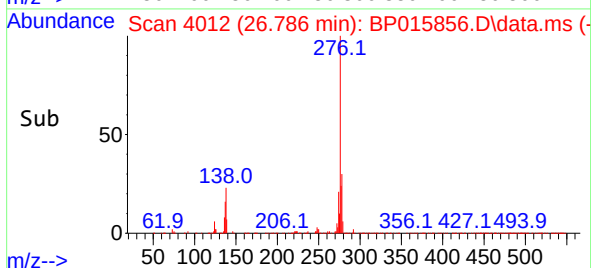
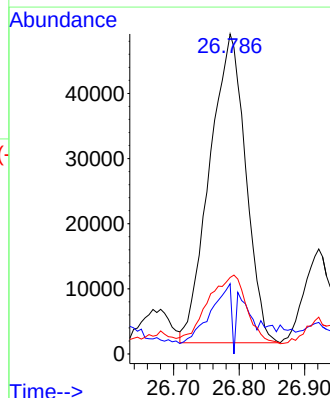
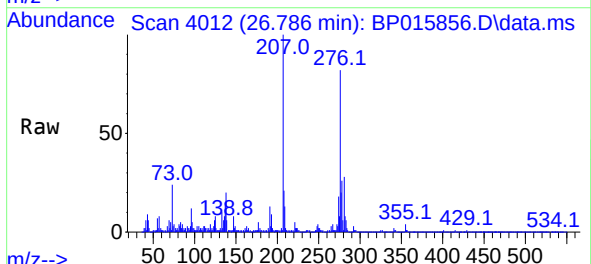
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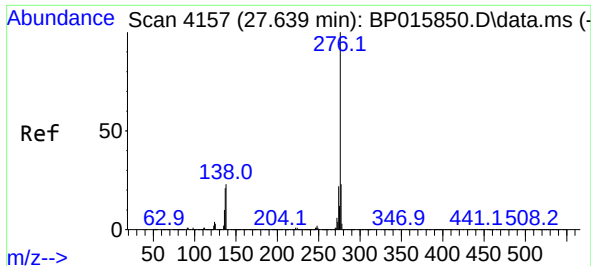
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#95
Dibenzo(a,h)anthracene
Concen: 2.657 ng/ul
RT: 26.786 min Scan# 4012
Delta R.T. -0.023 min
Lab File: BP015856.D
Acq: 30 Jun 2023 21:56

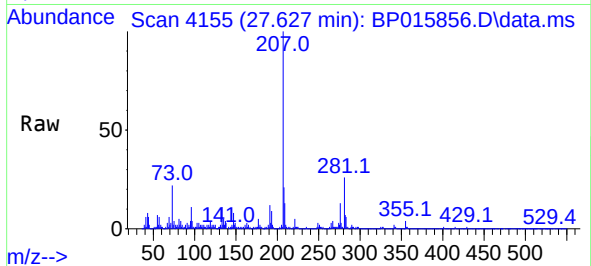
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Ion Ratio Lower Upper
278 100
139 21.9 10.5 15.7#
279 23.9 18.4 27.6





#96
Benzo(g,h,i)perylene
Concen: 1.321 ng/ul
RT: 27.627 min Scan# 4155
Delta R.T. -0.012 min
Lab File: BP015856.D
Acq: 30 Jun 2023 21:56

Instrument :
BNA_P
ClientSampleId :
DCFY2



Tgt Ion:276 Resp: 9013
Ion Ratio Lower Upper
276 100
138 27.4 15.1 22.7
277 27.4 18.8 28.2

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Supervised By :mohammad ahmed 07/01/2023

