

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015840.D
 Acq On : 30 Jun 2023 12:50
 Operator : MA/JU
 Sample : 03161-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFW3

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 22:50:41 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	8.058	152	264533	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	1018673	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.704	164	558306	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1167428	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.551	240	1098022	20.000	ng/u1	# 0.00
88) Perylene-d12	24.092	264	1334060	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	17059	2.320	ng/uL	0.00
4) Pyridine-d5	3.834	84	133954	7.227	ng/u1	0.01
7) Phenol-d5	7.240	99	196974	8.703	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	181640	12.971	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	181486	10.622	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	81524	4.559	ng/u1	0.03
21) Nitrobenzene-d5	9.257	128	83120	10.677	ng/u1	0.02
24) 2-Nitrophenol-d4	9.987	143	94876	10.442	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.587	165	123298m	7.615	ng/u1	0.07
31) 4-Chloroaniline-d4	11.110	131	78711m	3.784	ng/u1	0.08
46) Dimethylphthalate-d6	14.122	166	527788	12.231	ng/u1	0.01
49) Acenaphthylene-d8	14.404	160	628828	12.963	ng/u1	0.00
54) 4-Nitrophenol-d4	15.028	143	47439m	8.330	ng/u1	0.08
60) Fluorene-d10	15.710	176	462652	13.021	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.887	200	39828m	5.547	ng/u1	0.03
73) Anthracene-d10	17.569	188	662519	12.424	ng/u1	0.00
81) Pyrene-d10	19.792	212	851201	11.872	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	902943	13.417	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.434	152	91846	1.718	ng/u1	98
72) Phenanthrene	17.510	178	207953	3.279	ng/u1	99
80) Fluoranthene	19.469	202	584209	6.556	ng/u1#	93
82) Pyrene	19.822	202	491538	5.408	ng/u1#	90
85) Benzo(a)anthracene	21.539	228	297092	3.846	ng/u1	98
87) Chrysene	21.592	228	335992	4.585	ng/u1	97
90) Benzo(b)fluoranthene	23.316	252	578157	6.745	ng/u1#	87
91) Benzo(k)fluoranthene	23.363	252	176430m	2.037	ng/u1	
93) Benzo(a)pyrene	23.980	252	338779	4.523	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	26.798	276	294775	2.899	ng/u1#	93
96) Benzo(g,h,i)perylene	27.645	276	256936	3.072	ng/u1#	96

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

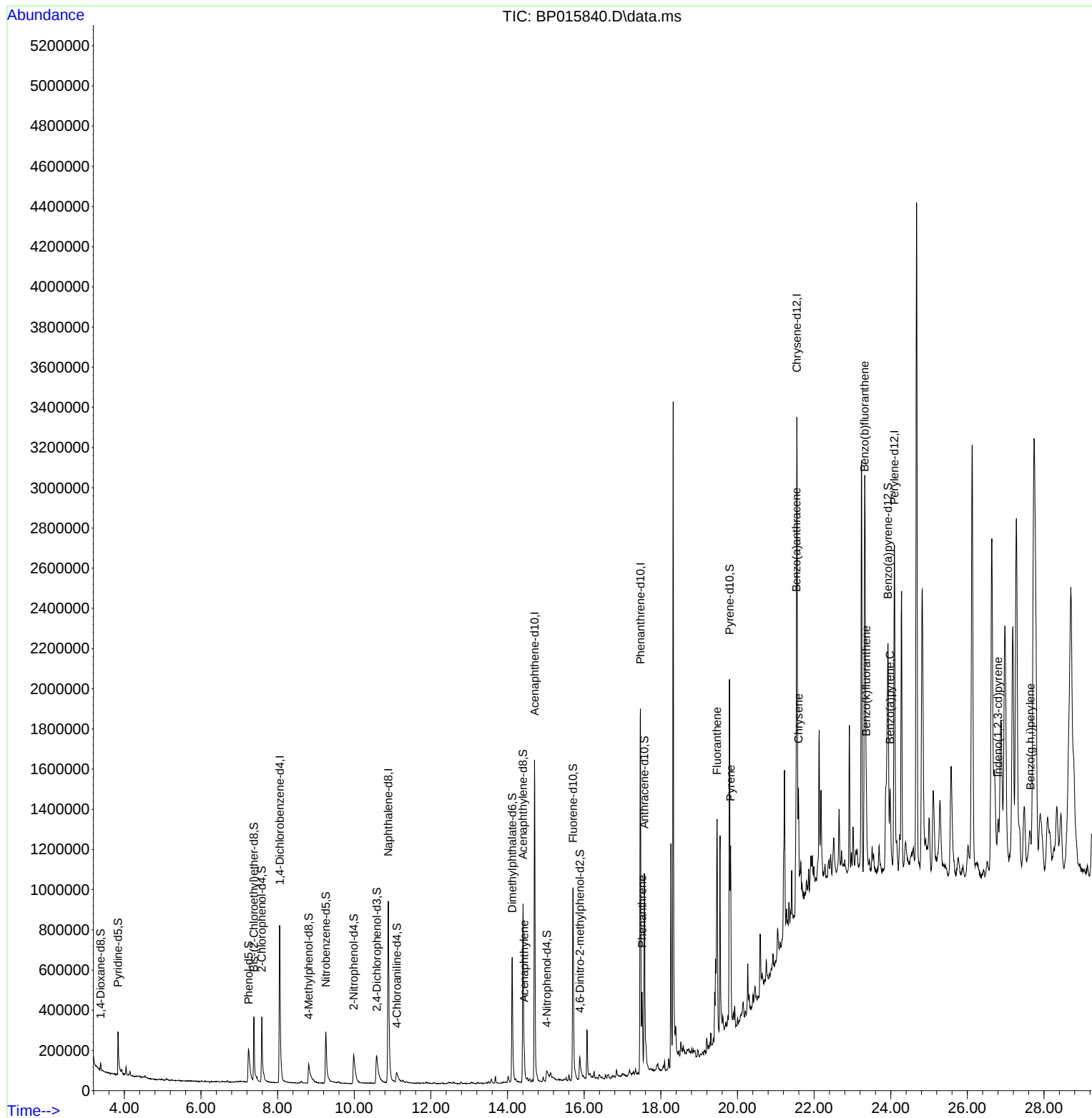
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015840.D
Acq On : 30 Jun 2023 12:50
Operator : MA/JU
Sample : 03161-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

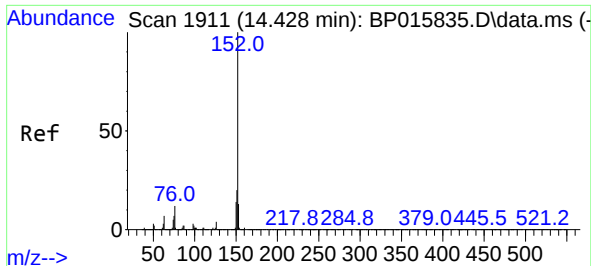
Instrument :
BNA_P
ClientSampleId :
DCFW3

Quant Time: Jun 30 22:50:41 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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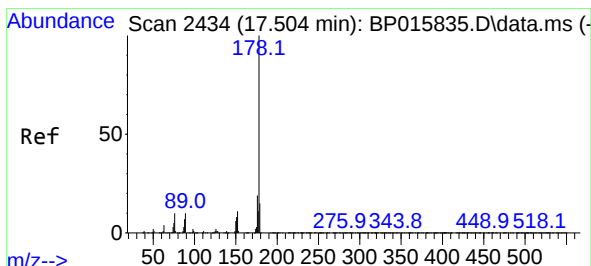
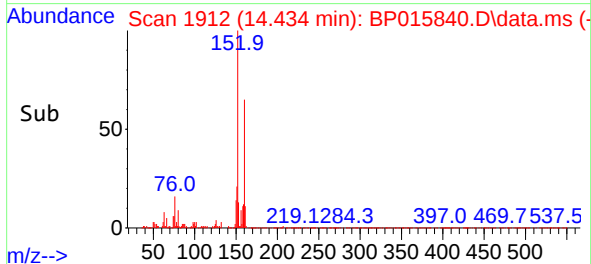
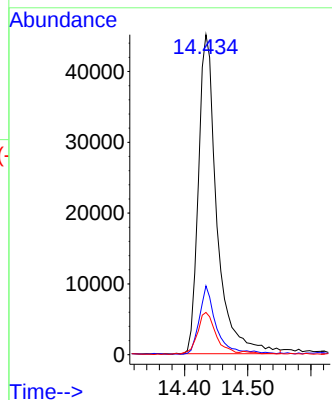
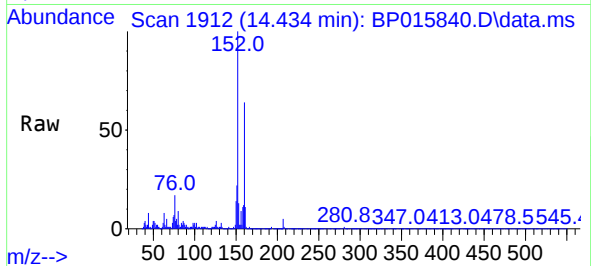
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Acenaphthylene
Concen: 1.718 ng/ul
RT: 14.434 min Scan# 1912
Delta R.T. 0.006 min
Lab File: BP015840.D
Acq: 30 Jun 2023 12:50

Instrument :
BNA_P
ClientSampleId :
DCFW3

Tgt Ion:152 Resp: 91840
Ion Ratio Lower Upper
152 100
151 21.5 16.2 24.2
153 13.2 10.5 15.7

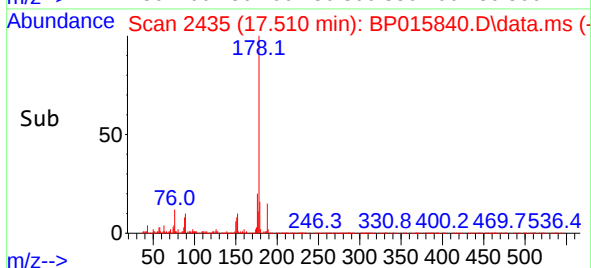
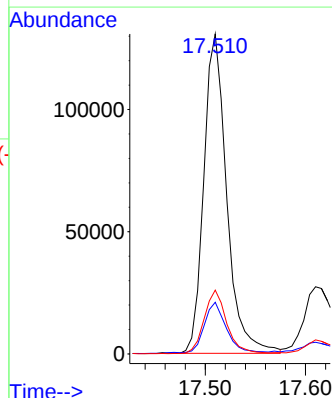
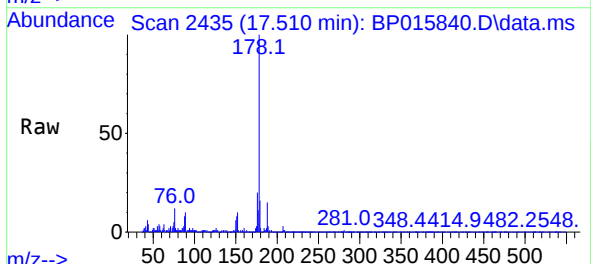
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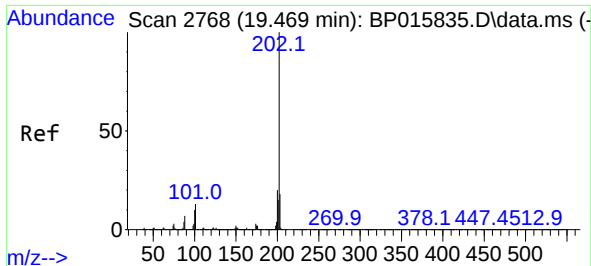
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#72
Phenanthrene
Concen: 3.279 ng/ul
RT: 17.510 min Scan# 2435
Delta R.T. 0.006 min
Lab File: BP015840.D
Acq: 30 Jun 2023 12:50

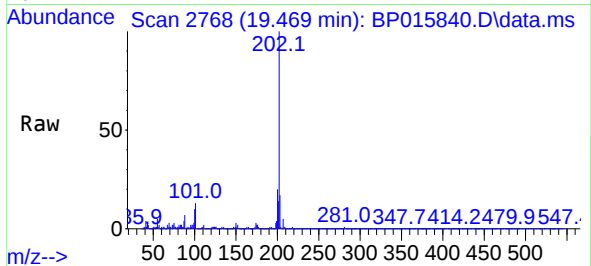
Tgt Ion:178 Resp: 207953
Ion Ratio Lower Upper
178 100
179 16.2 12.4 18.6
176 20.0 15.6 23.4





#80
Fluoranthene
Concen: 6.556 ng/u1
RT: 19.469 min Scan# 2768
Delta R.T. 0.000 min
Lab File: BP015840.D
Acq: 30 Jun 2023 12:50

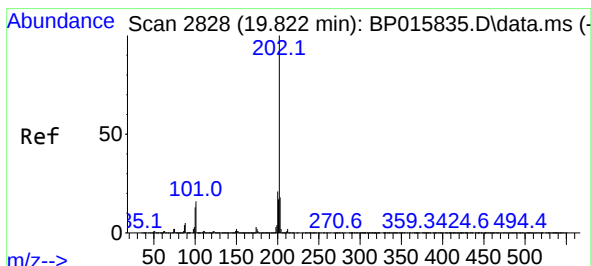
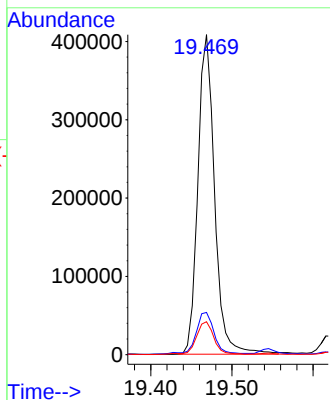
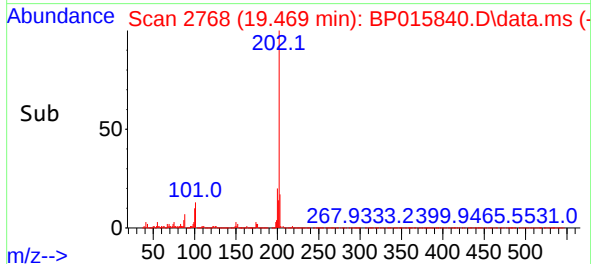
Instrument :
BNA_P
ClientSampleId :
DCFW3



Tgt Ion:202 Resp: 584209
Ion Ratio Lower Upper
202 100
101 13.2 8.3 12.5#
100 10.3 6.6 9.8#

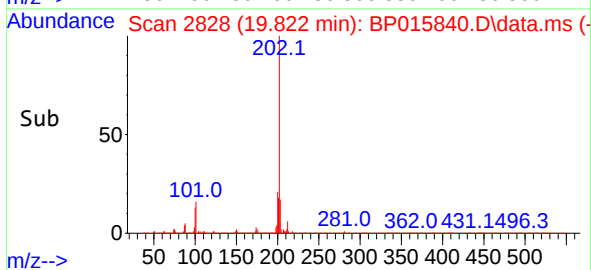
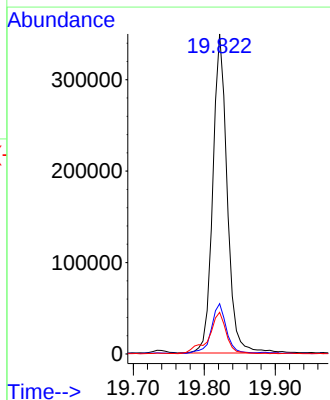
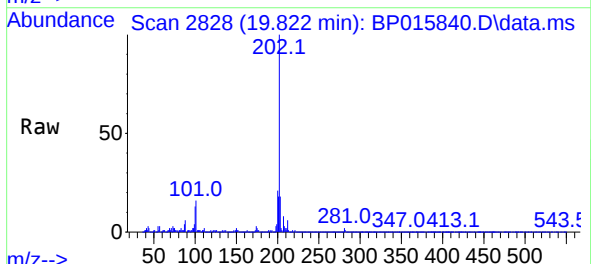
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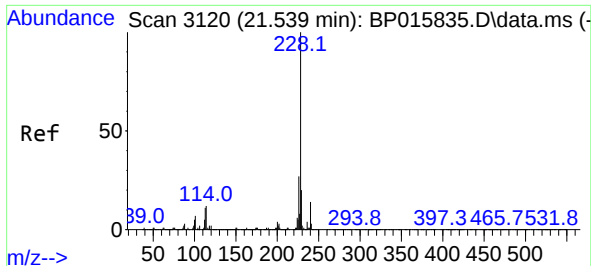
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#82
Pyrene
Concen: 5.408 ng/u1
RT: 19.822 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BP015840.D
Acq: 30 Jun 2023 12:50

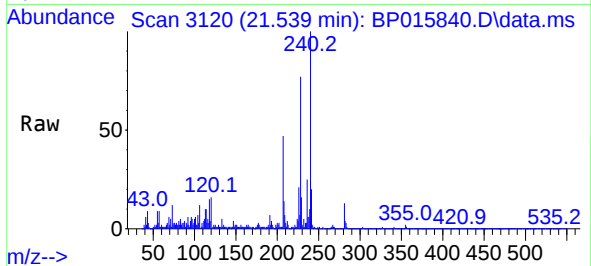
Tgt Ion:202 Resp: 491538
Ion Ratio Lower Upper
202 100
101 15.7 9.3 13.9#
100 13.0 7.6 11.4#





#85
Benzo(a)anthracene
Concen: 3.846 ng/u1
RT: 21.539 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP015840.D
Acq: 30 Jun 2023 12:50

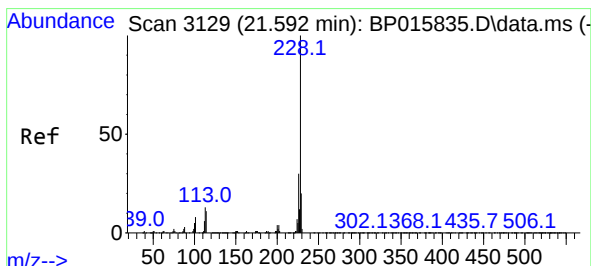
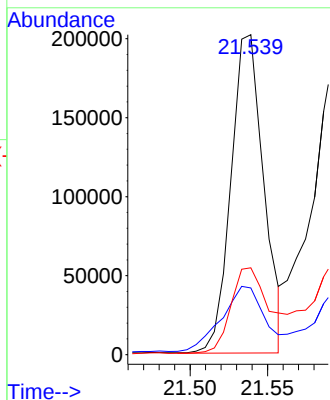
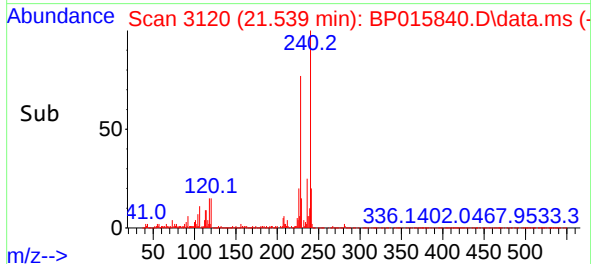
Instrument :
BNA_P
ClientSampleId :
DCFW3



Tgt Ion:228 Resp: 297092
Ion Ratio Lower Upper
228 100
229 20.8 15.3 22.9
226 27.2 21.4 32.0

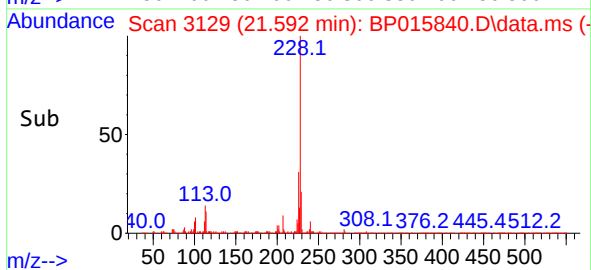
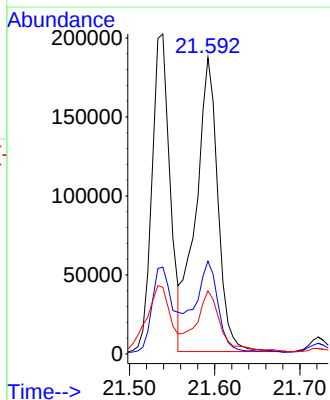
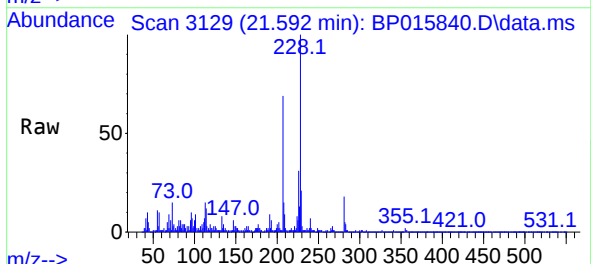
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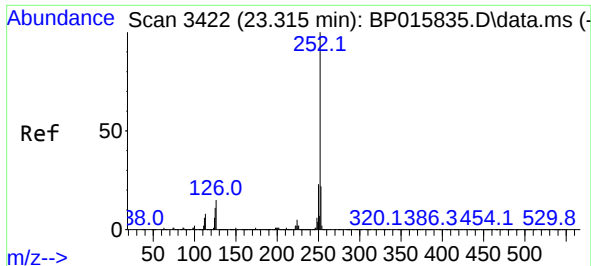
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#87
Chrysene
Concen: 4.585 ng/u1
RT: 21.592 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP015840.D
Acq: 30 Jun 2023 12:50

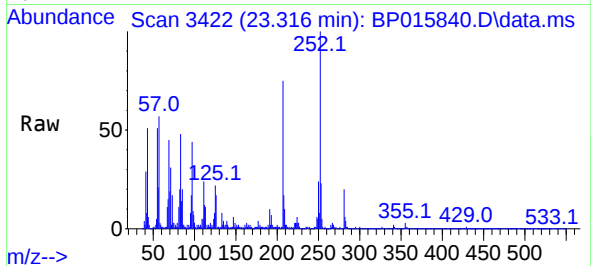
Tgt Ion:228 Resp: 335992
Ion Ratio Lower Upper
228 100
226 31.3 24.3 36.5
229 21.3 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 6.745 ng/ul
RT: 23.316 min Scan# 3422
Delta R.T. 0.000 min
Lab File: BP015840.D
Acq: 30 Jun 2023 12:50

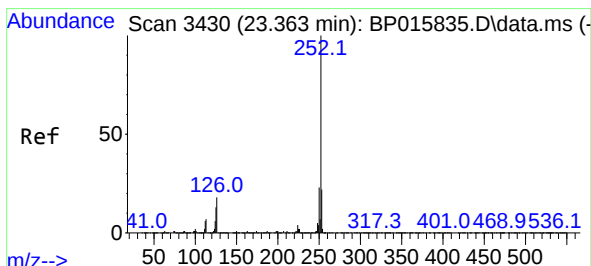
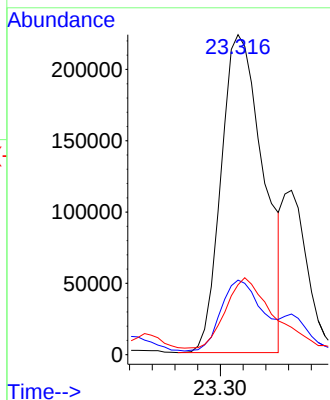
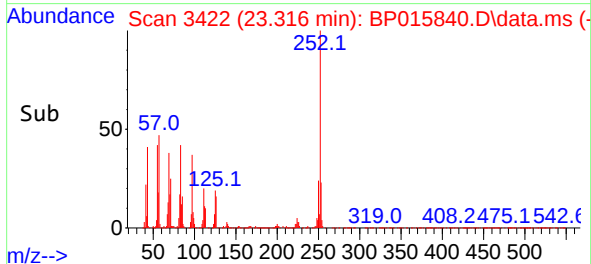
Instrument :
BNA_P
ClientSampleId :
DCFW3



Tgt Ion:252 Resp: 57815
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 21.8 7.5 11.3

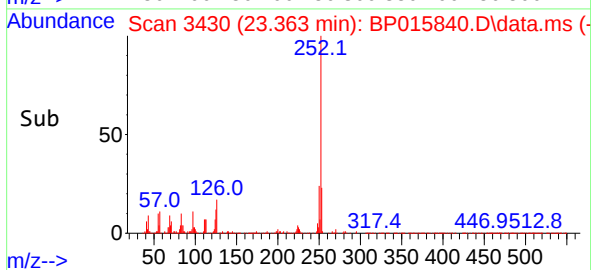
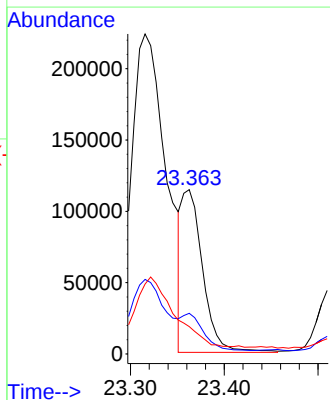
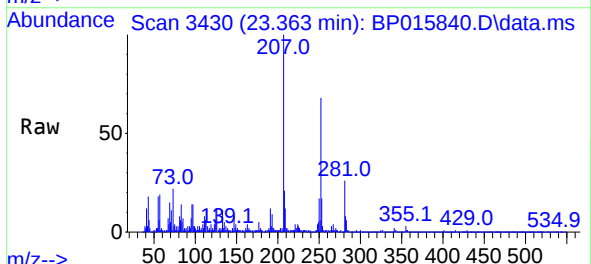
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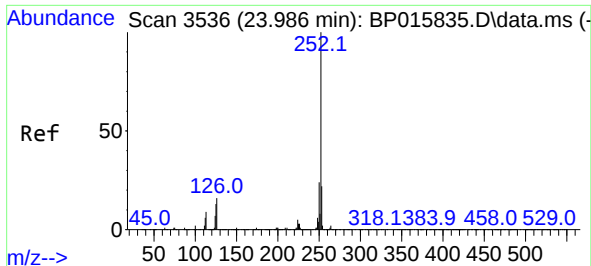
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#91
Benzo(k)fluoranthene
Concen: 2.037 ng/ul m
RT: 23.363 min Scan# 3430
Delta R.T. 0.000 min
Lab File: BP015840.D
Acq: 30 Jun 2023 12:50

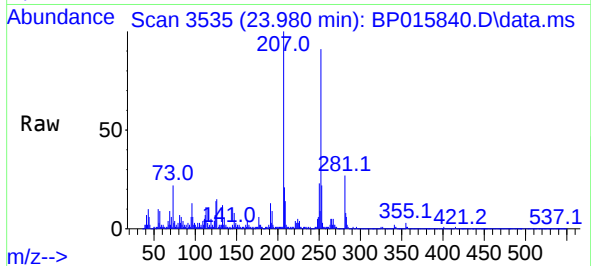
Tgt Ion:252 Resp: 176430
Ion Ratio Lower Upper
252 100
253 24.7 17.0 25.4
125 16.7 7.3 10.9





#93
Benzo(a)pyrene
Concen: 4.523 ng/ul
RT: 23.980 min Scan# 3536
Delta R.T. -0.006 min
Lab File: BP015840.D
Acq: 30 Jun 2023 12:50

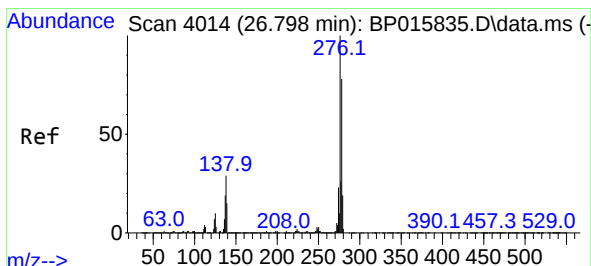
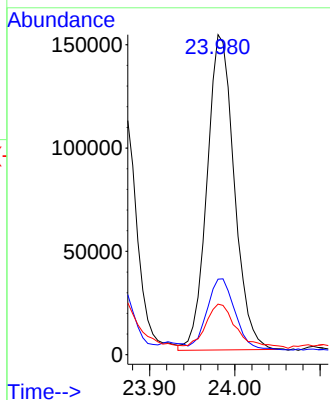
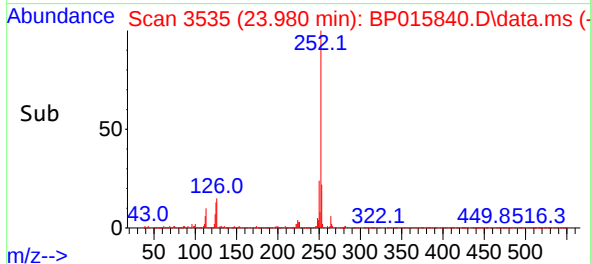
Instrument :
BNA_P
ClientSampleId :
DCF3W3



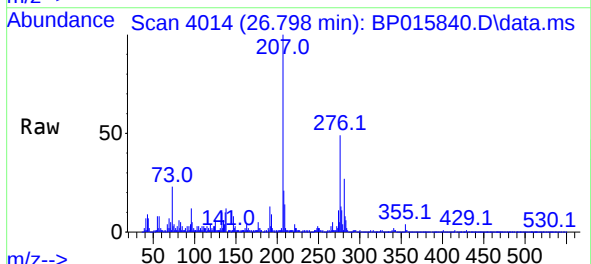
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Ion Ratio Lower Upper
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125 15.8 8.2 12.2

Manual Integrations
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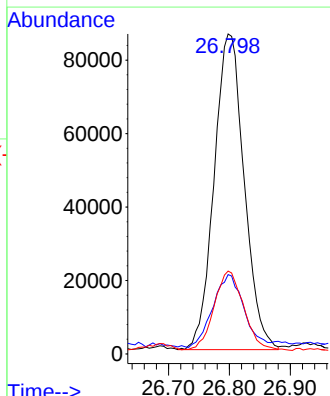
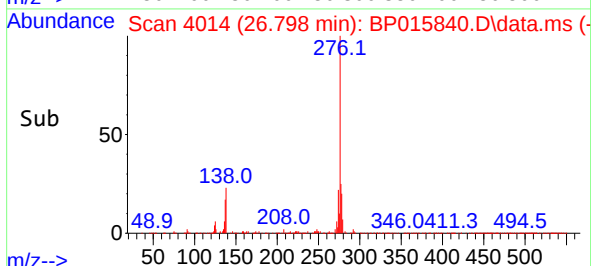
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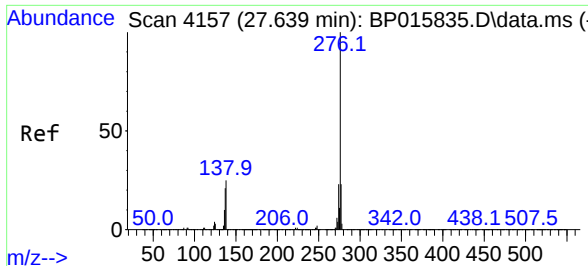


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.899 ng/ul
RT: 26.798 min Scan# 4014
Delta R.T. 0.000 min
Lab File: BP015840.D
Acq: 30 Jun 2023 12:50



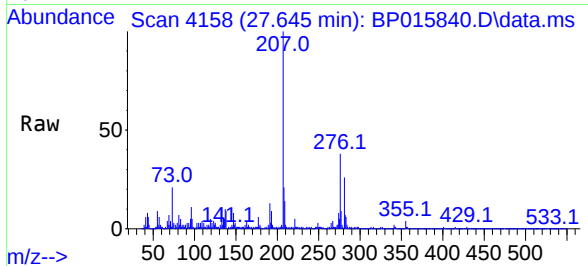
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Ion Ratio Lower Upper
276 100
138 24.8 15.7 23.5#
277 25.9 19.6 29.4





#96
Benzo(g,h,i)perylene
Concen: 3.072 ng/ul
RT: 27.645 min Scan# 4158
Delta R.T. 0.006 min
Lab File: BP015840.D
Acq: 30 Jun 2023 12:50

Instrument :
BNA_P
ClientSampleId :
DCFW3



Tgt Ion:276 Resp: 256930
Ion Ratio Lower Upper
276 100
138 22.8 15.1 22.7
277 23.3 18.8 28.2

Manual Integrations
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