

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015803.D
 Acq On : 29 Jun 2023 10:41
 Operator : MA/JU
 Sample : 03143-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFU1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 22:53:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	194610	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	766250	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.710	164	417662	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	886763	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	831918	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	972462	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	19187	3.547	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.240	99	301412	18.102	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	209554	20.342	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	257226	20.464	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	196551	14.942	ng/ul	0.02
21) Nitrobenzene-d5	9.252	128	112441	19.201	ng/ul	0.01
24) 2-Nitrophenol-d4	9.987	143	122947	17.989	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.569	165	187549	15.399	ng/ul	0.05
31) 4-Chloroaniline-d4	11.110	131	44905m	2.870	ng/ul	0.08
46) Dimethylphthalate-d6	14.122	166	676321	20.950	ng/ul	0.01
49) Acenaphthylene-d8	14.404	160	781872	21.545	ng/ul	0.00
54) 4-Nitrophenol-d4	15.004	143	62530m	14.678	ng/ul	0.05
60) Fluorene-d10	15.710	176	566154	21.299	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.881	200	56674m	10.392	ng/ul	0.02
73) Anthracene-d10	17.569	188	861206	21.261	ng/ul	0.00
81) Pyrene-d10	19.792	212	1060123	19.515	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1048051	21.365	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	294783	6.119	ng/ul	99
74) Anthracene	17.610	178	62105	1.283	ng/ul	98
80) Fluoranthene	19.469	202	823719	12.201	ng/ul#	93
82) Pyrene	19.822	202	670501	9.736	ng/ul#	91
85) Benzo(a)anthracene	21.539	228	397533	6.793	ng/ul	96
87) Chrysene	21.592	228	400167	7.207	ng/ul	97
90) Benzo(b)fluoranthene	23.316	252	642895	10.289	ng/ul#	92
91) Benzo(k)fluoranthene	23.363	252	210302m	3.331	ng/ul	
93) Benzo(a)pyrene	23.986	252	393007	7.198	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.798	276	326721	4.408	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.798	278	89670	1.473	ng/ul#	78
96) Benzo(g,h,i)perylene	27.639	276	274091	4.495	ng/ul#	93

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

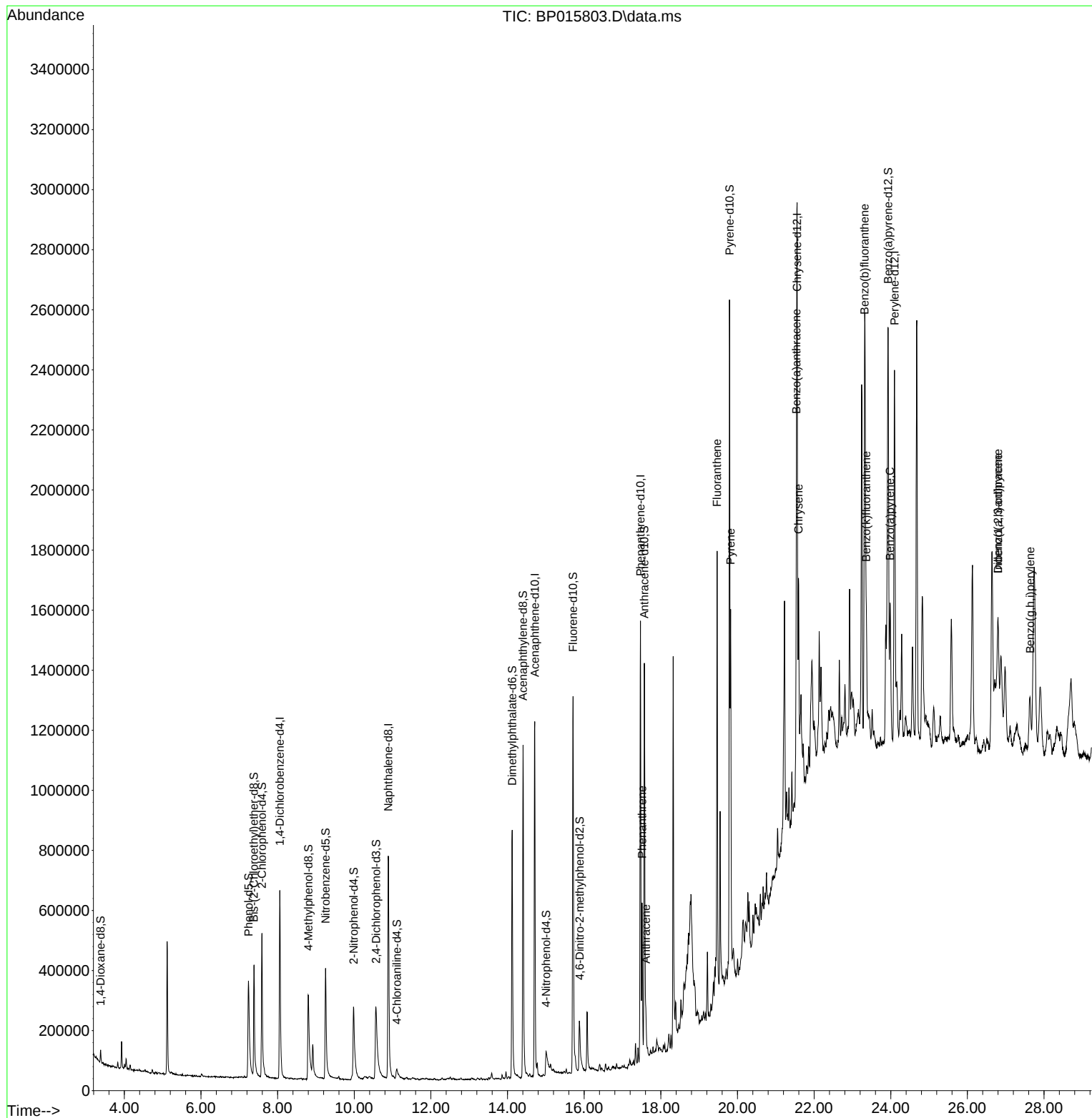
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015803.D
 Acq On : 29 Jun 2023 10:41
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 ALS Vial : 8 Sample Multiplier: 1

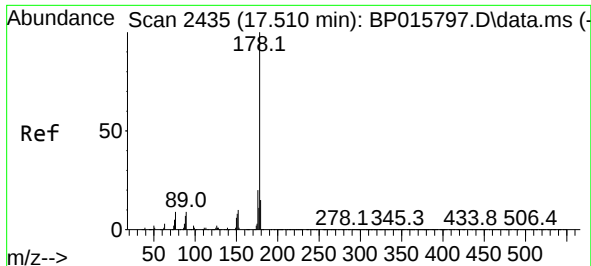
Instrument :
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Quant Time: Jun 29 22:53:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
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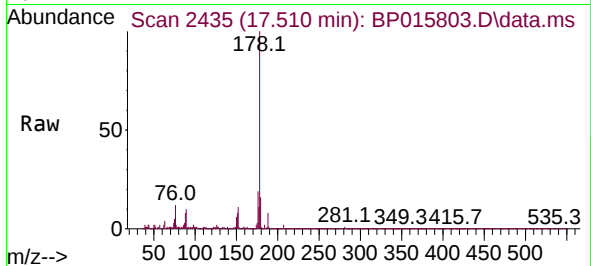
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023





#72
Phenanthrene
Concen: 6.119 ng/u1
RT: 17.510 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP015803.D
Acq: 29 Jun 2023 10:41

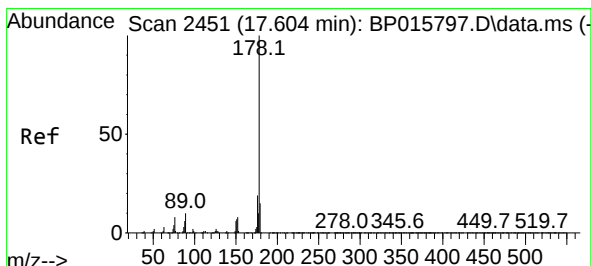
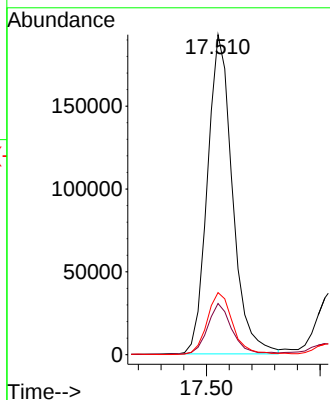
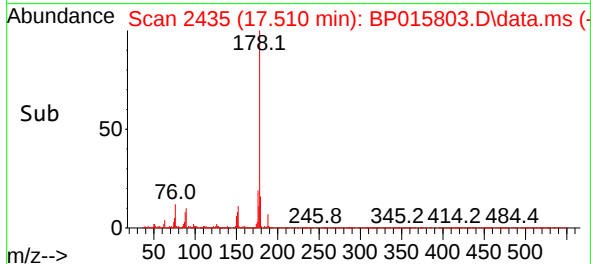
Instrument :
BNA_P
ClientSampleId :
DCFU1



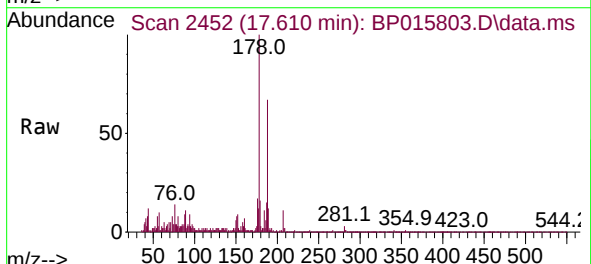
Tgt Ion:178 Resp: 29478
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 19.4 15.6 23.4

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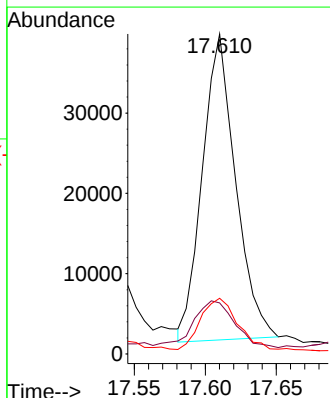
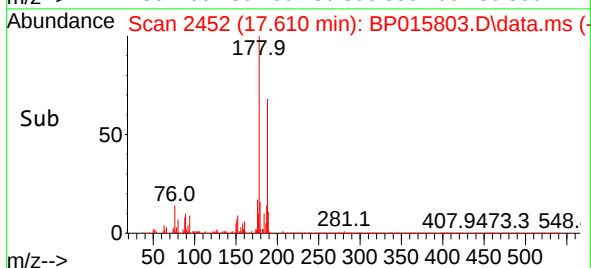
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

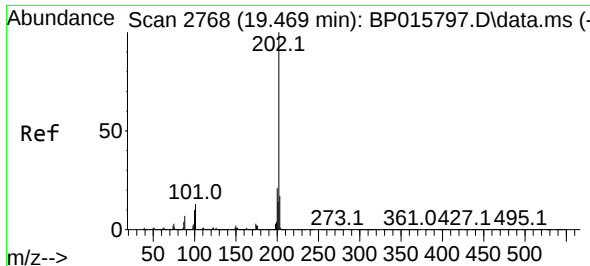


#74
Anthracene
Concen: 1.283 ng/u1
RT: 17.610 min Scan# 2452
Delta R.T. 0.006 min
Lab File: BP015803.D
Acq: 29 Jun 2023 10:41



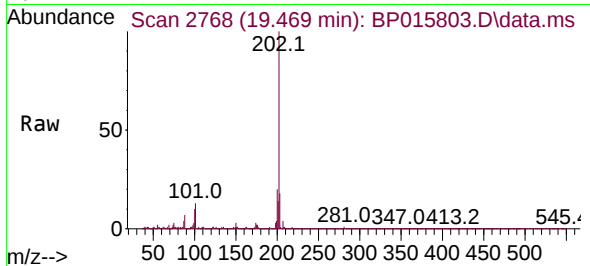
Tgt Ion:178 Resp: 62105
Ion Ratio Lower Upper
178 100
179 16.0 12.1 18.1
176 17.4 14.6 22.0





#80
Fluoranthene
Concen: 12.201 ng/ul
RT: 19.469 min Scan# 2768
Delta R.T. -0.006 min
Lab File: BP015803.D
Acq: 29 Jun 2023 10:41

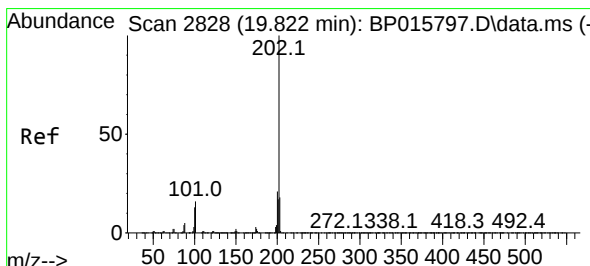
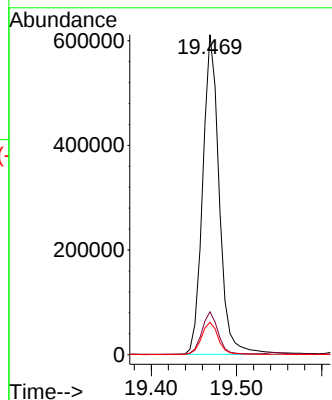
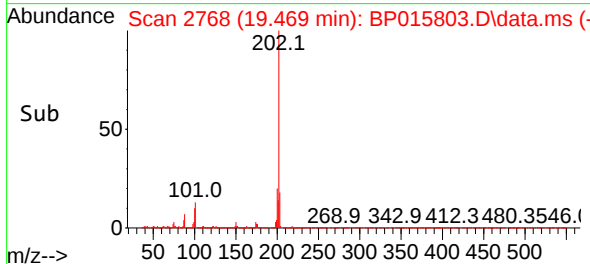
Instrument :
BNA_P
ClientSampleId :
DCFU1



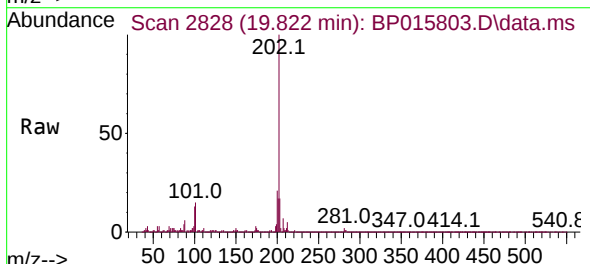
Tgt Ion:202 Resp: 823719
Ion Ratio Lower Upper
202 100
101 13.4 8.3 12.5
100 10.1 6.6 9.8

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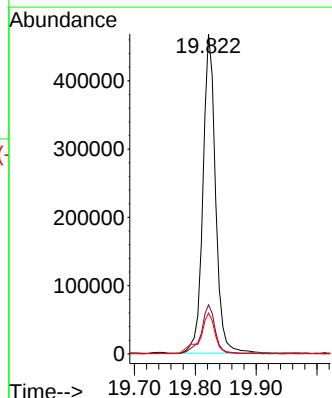
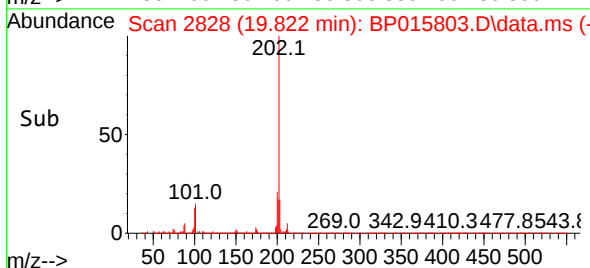
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

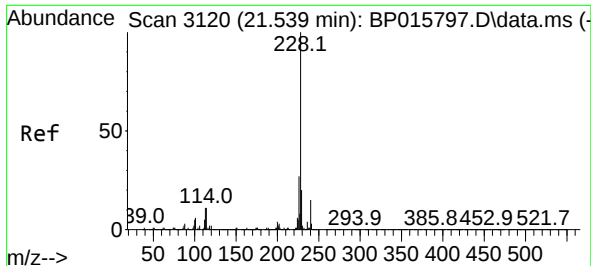


#82
Pyrene
Concen: 9.736 ng/ul
RT: 19.822 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BP015803.D
Acq: 29 Jun 2023 10:41



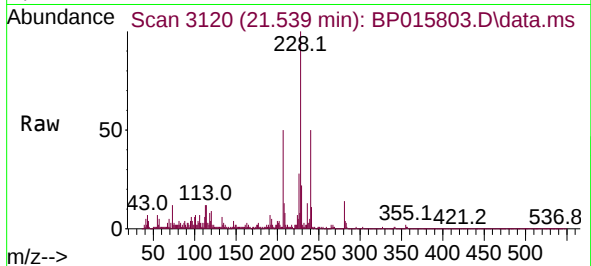
Tgt Ion:202 Resp: 670501
Ion Ratio Lower Upper
202 100
101 15.3 9.3 13.9#
100 12.8 7.6 11.4#





#85
Benzo(a)anthracene
Concen: 6.793 ng/u1
RT: 21.539 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP015803.D
Acq: 29 Jun 2023 10:41

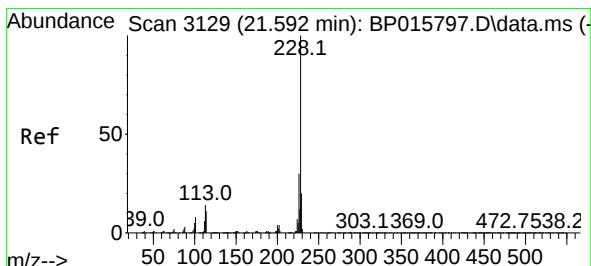
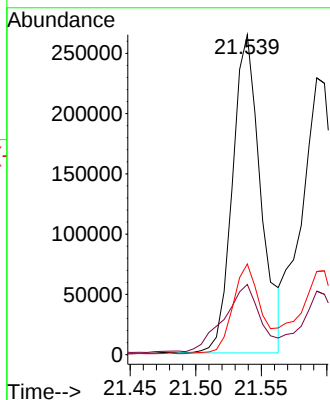
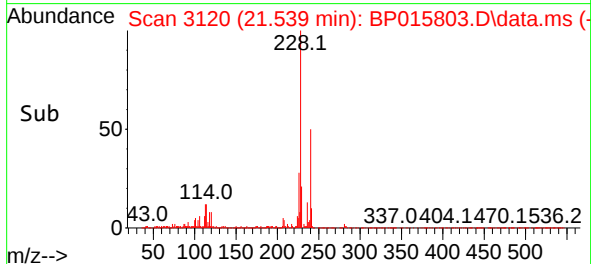
Instrument :
BNA_P
ClientSampleId :
DCFU1



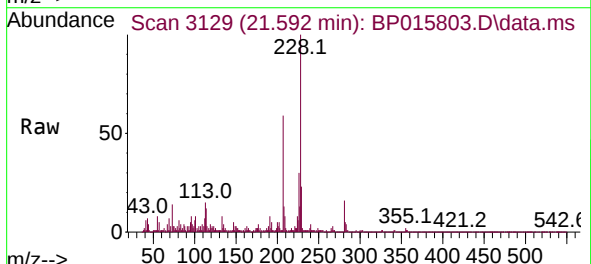
Tgt Ion:228 Resp: 39753
Ion Ratio Lower Upper
228 100
229 21.9 15.3 22.9
226 28.4 21.4 32.0

Manual Integrations
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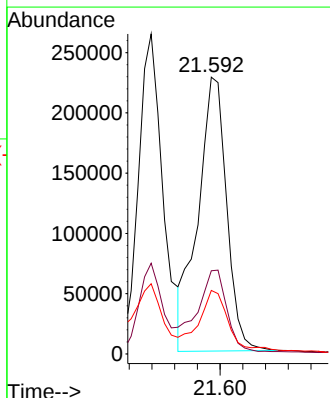
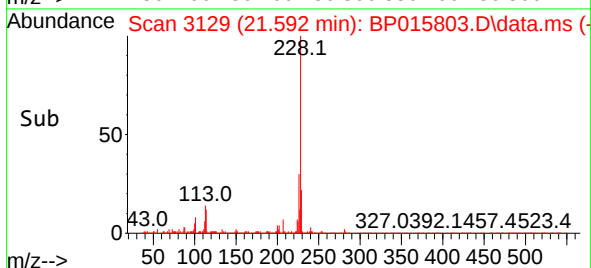
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

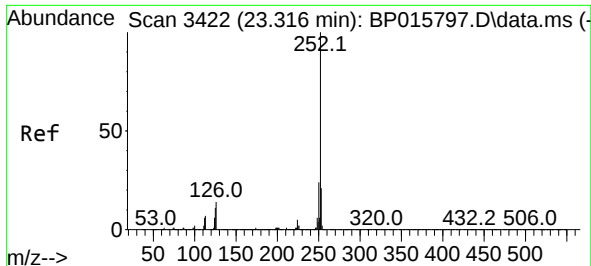


#87
Chrysene
Concen: 7.207 ng/u1
RT: 21.592 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BP015803.D
Acq: 29 Jun 2023 10:41



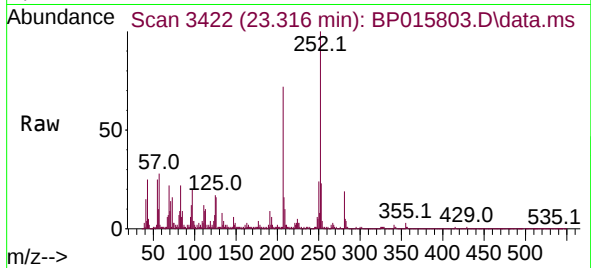
Tgt Ion:228 Resp: 400167
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 22.9 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 10.289 ng/ul
RT: 23.316 min Scan# 3422
Delta R.T. 0.000 min
Lab File: BP015803.D
Acq: 29 Jun 2023 10:41

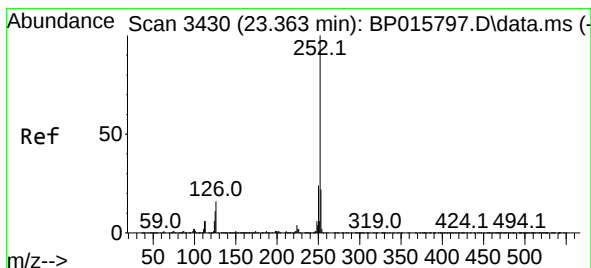
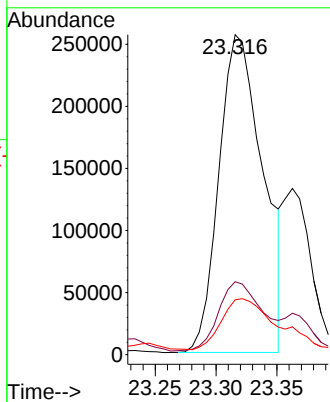
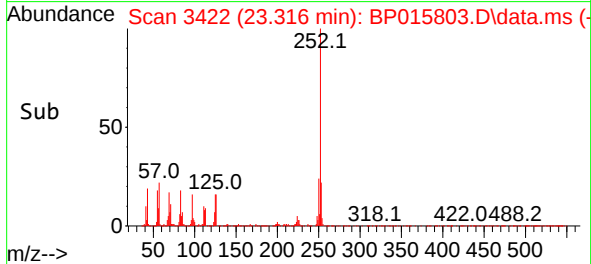
Instrument :
BNA_P
ClientSampleId :
DCFU1



Tgt Ion:252 Resp: 64289
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 17.2 7.5 11.3

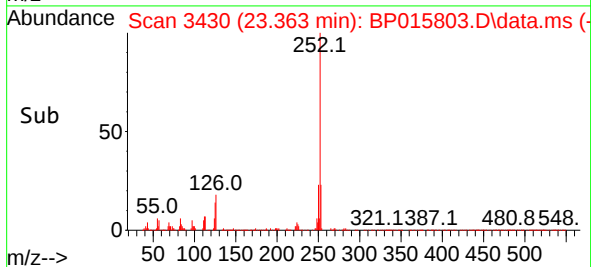
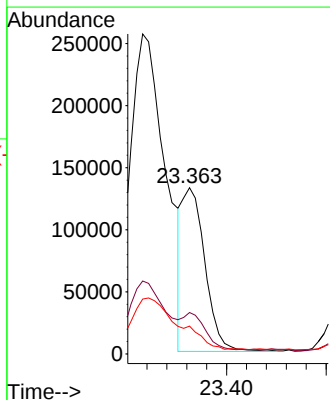
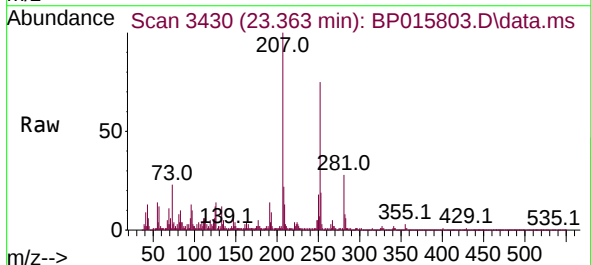
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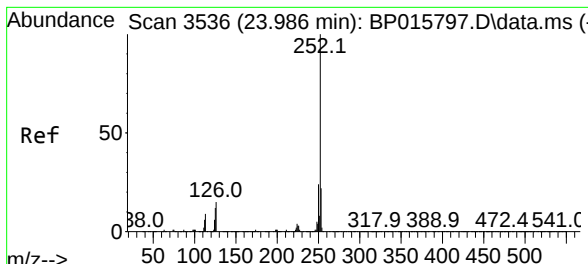
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#91
Benzo(k)fluoranthene
Concen: 3.331 ng/ul m
RT: 23.363 min Scan# 3430
Delta R.T. -0.006 min
Lab File: BP015803.D
Acq: 29 Jun 2023 10:41

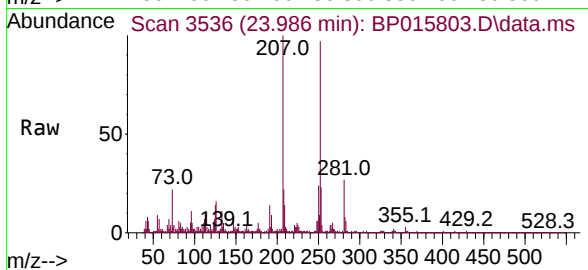
Tgt Ion:252 Resp: 210302
Ion Ratio Lower Upper
252 100
253 24.9 17.0 25.4
125 16.7 7.3 10.9





#93
Benzo(a)pyrene
Concen: 7.198 ng/ul
RT: 23.986 min Scan# 3536
Delta R.T. 0.000 min
Lab File: BP015803.D
Acq: 29 Jun 2023 10:41

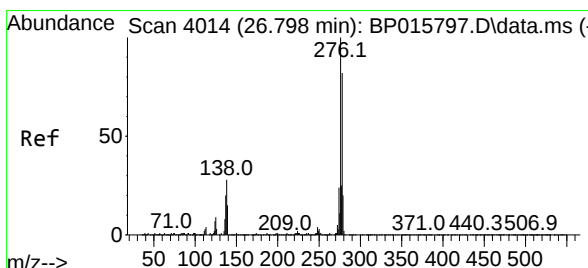
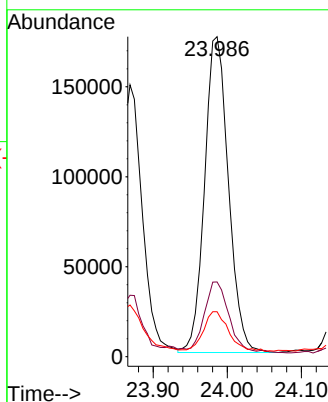
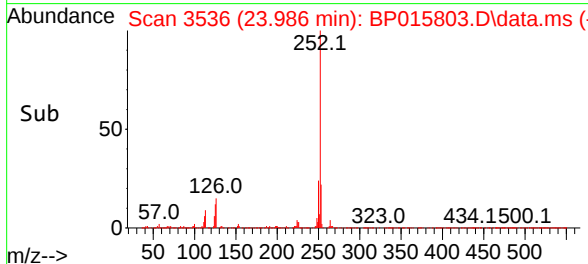
Instrument :
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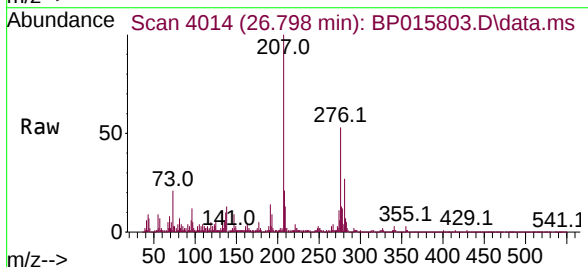
Tgt Ion:252 Resp: 393007
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 14.1 8.2 12.2

Manual Integrations
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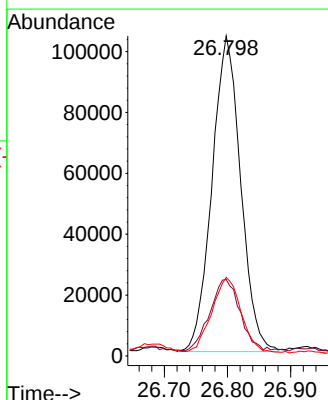
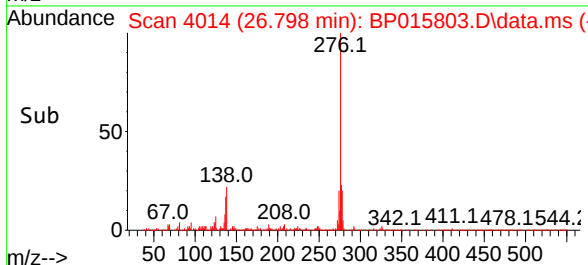
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

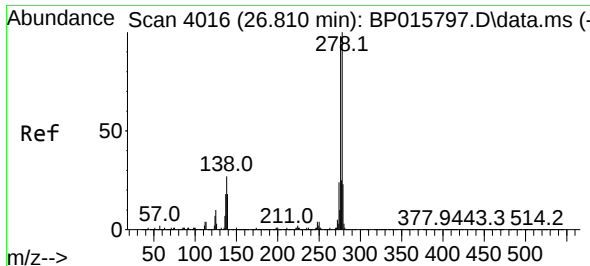


#94
Indeno(1,2,3-cd)pyrene
Concen: 4.408 ng/ul
RT: 26.798 min Scan# 4014
Delta R.T. 0.000 min
Lab File: BP015803.D
Acq: 29 Jun 2023 10:41



Tgt Ion:276 Resp: 326721
Ion Ratio Lower Upper
276 100
138 23.9 15.7 23.5#
277 24.5 19.6 29.4





#95
Dibenzo(a,h)anthracene
Concen: 1.473 ng/ul
RT: 26.798 min Scan# 4016
Delta R.T. -0.012 min
Lab File: BP015803.D
Acq: 29 Jun 2023 10:41

Instrument :

BNA_P

ClientSampleId :

DCFU1

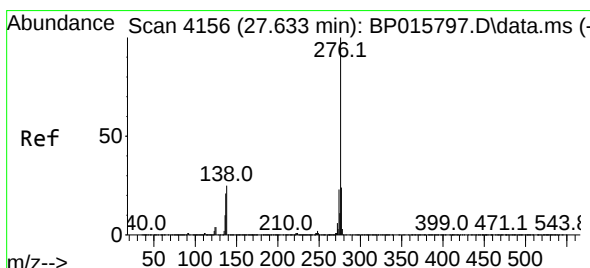
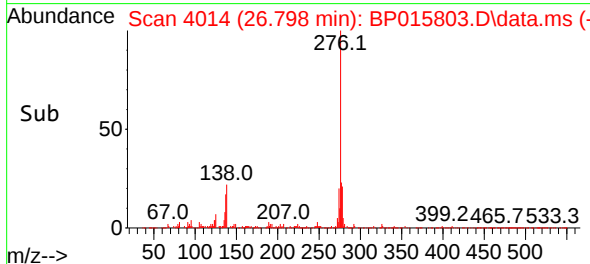
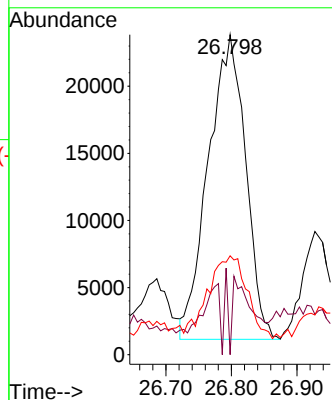
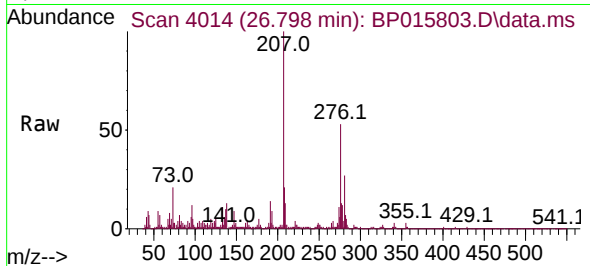
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Ion Ratio Lower Upper
278 100
139 0.0 10.5 15.7
279 30.9 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#96
Benzo(g,h,i)perylene
Concen: 4.495 ng/ul
RT: 27.639 min Scan# 4157
Delta R.T. 0.006 min
Lab File: BP015803.D
Acq: 29 Jun 2023 10:41

Tgt Ion:276 Resp: 274091
Ion Ratio Lower Upper
276 100
138 24.5 15.1 22.7
277 24.5 18.8 28.2

