

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015802.D
 Acq On : 29 Jun 2023 10:07
 Operator : MA/JU
 Sample : 03143-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFU0

Manual Integrations
 APPROVED

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

Quant Time: Jun 29 22:49:13 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	8.057	152	283382	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1120018	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	575100	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	967485	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	842798	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	1063965	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	25917	3.290	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.234	99	432295	17.829	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	340780	22.717	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	375014	20.489	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	199536	10.417	ng/ul	0.01
21) Nitrobenzene-d5	9.246	128	182106	21.275	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	187515	18.770	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	265881	14.935	ng/ul	0.04
31) 4-Chloroaniline-d4	11.099	131	42611m	1.863	ng/ul	0.06
46) Dimethylphthalate-d6	14.116	166	962099	21.644	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1112726	22.268	ng/ul	0.00
54) 4-Nitrophenol-d4	15.010	143	43154m	7.357	ng/ul	0.06
60) Fluorene-d10	15.704	176	762134	20.823	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	52972	8.903	ng/ul	0.02
73) Anthracene-d10	17.569	188	968443	21.914	ng/ul	0.00
81) Pyrene-d10	19.792	212	1114825	20.257	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1222695	22.781	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	266456	5.070	ng/ul	99
80) Fluoranthene	19.469	202	972009	14.212	ng/ul#	94
82) Pyrene	19.822	202	790923	11.336	ng/ul#	88
85) Benzo(a)anthracene	21.539	228	484503	8.172	ng/ul	98
87) Chrysene	21.592	228	534704	9.506	ng/ul	97
90) Benzo(b)fluoranthene	23.316	252	925068	13.531	ng/ul#	94
91) Benzo(k)fluoranthene	23.363	252	302904m	4.385	ng/ul	
93) Benzo(a)pyrene	23.986	252	569775	9.538	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.798	276	482729	5.953	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.798	278	123365	1.852	ng/ul#	83
96) Benzo(g,h,i)perylene	27.639	276	426741	6.397	ng/ul#	90

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

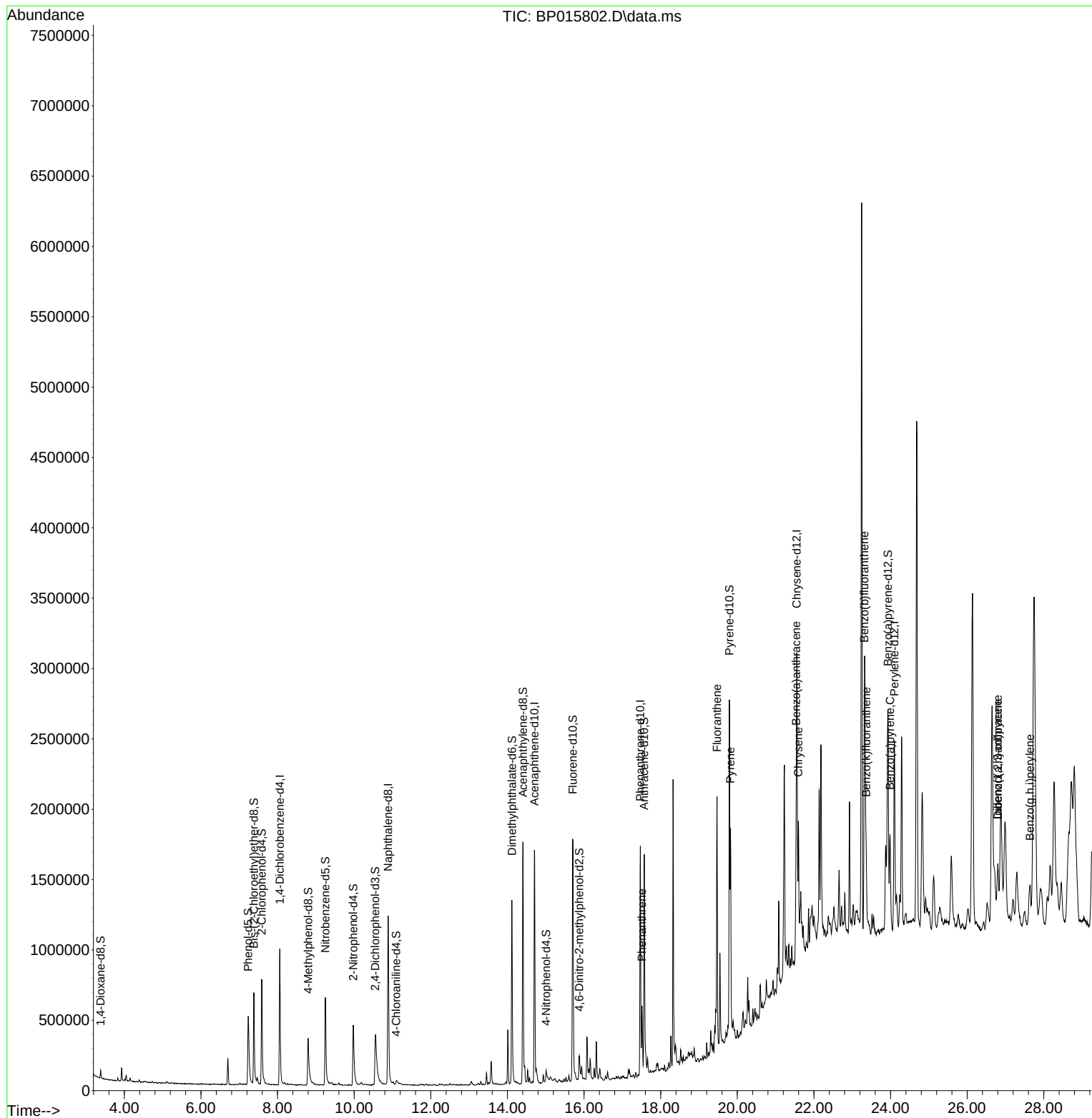
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015802.D
Acq On : 29 Jun 2023 10:07
Operator : MA/JU
Sample : 03143-01
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ALS Vial : 7 Sample Multiplier: 1

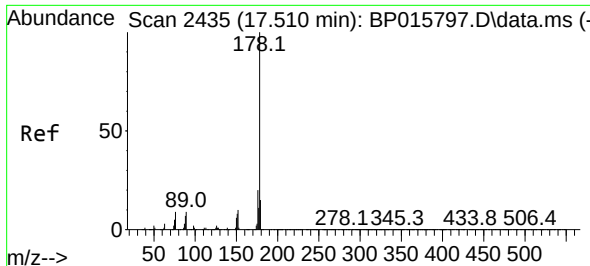
Instrument :
BNA_P
ClientSampleId :
DCFU0

Quant Time: Jun 29 22:49:13 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
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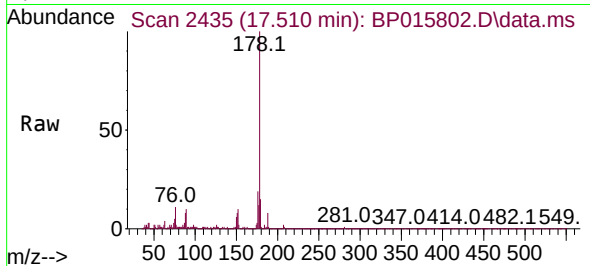
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023





#72
Phenanthrene
Concen: 5.070 ng/ul
RT: 17.510 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BP015802.D
Acq: 29 Jun 2023 10:07

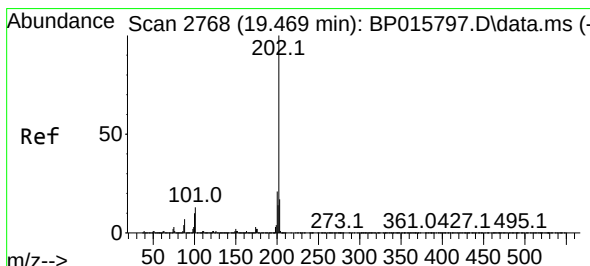
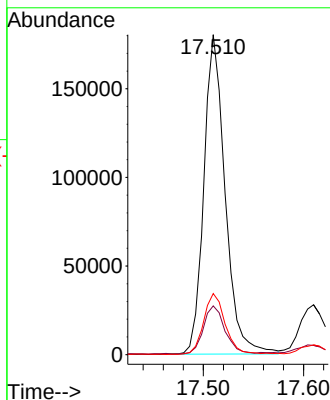
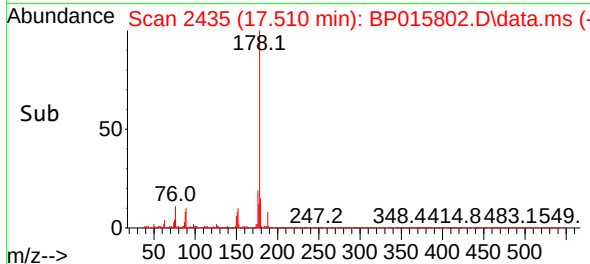
Instrument :
BNA_P
ClientSampleId :
DCFU0



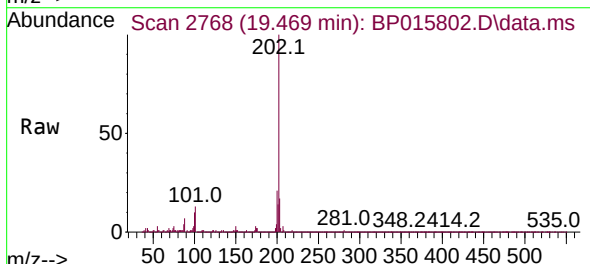
Tgt Ion:178 Resp: 266450
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 19.1 15.6 23.4

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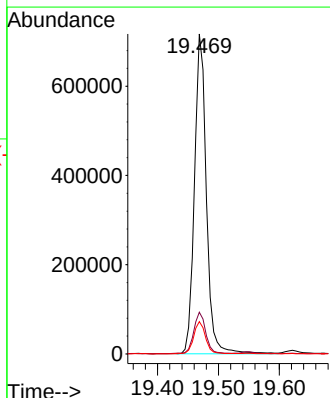
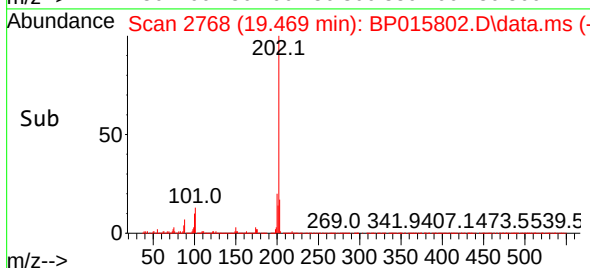
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

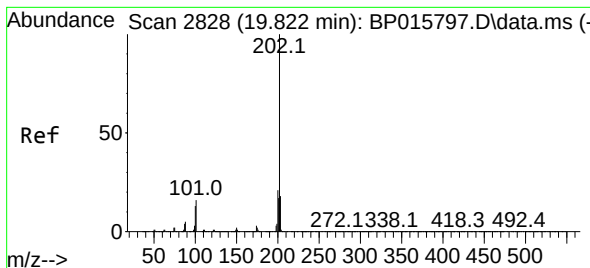


#80
Fluoranthene
Concen: 14.212 ng/ul
RT: 19.469 min Scan# 2768
Delta R.T. -0.006 min
Lab File: BP015802.D
Acq: 29 Jun 2023 10:07



Tgt Ion:202 Resp: 972009
Ion Ratio Lower Upper
202 100
101 13.0 8.3 12.5#
100 10.1 6.6 9.8#





#82

Pyrene

Concen: 11.336 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015802.D

Acq: 29 Jun 2023 10:07

Instrument :

BNA_P

ClientSampleId :

DCFU0

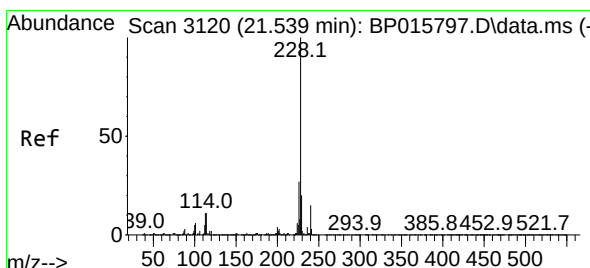
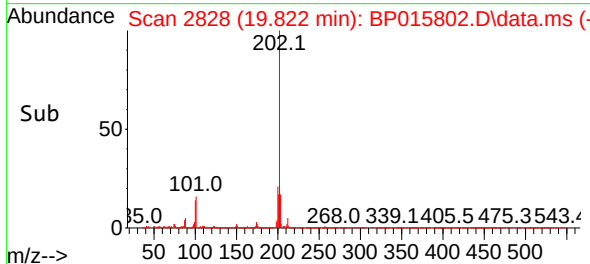
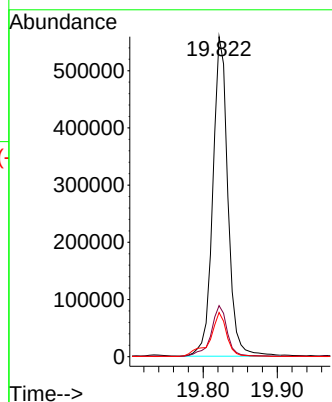
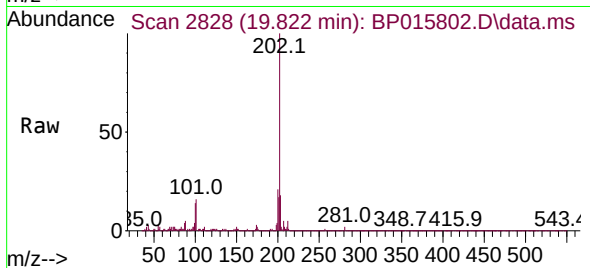
Tgt Ion:	202	Resp:	79092
Ion Ratio	Lower	Upper	
202	100		
101	16.0	9.3	13.9
100	13.8	7.6	11.4

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#85

Benzo(a)anthracene

Concen: 8.172 ng/ul

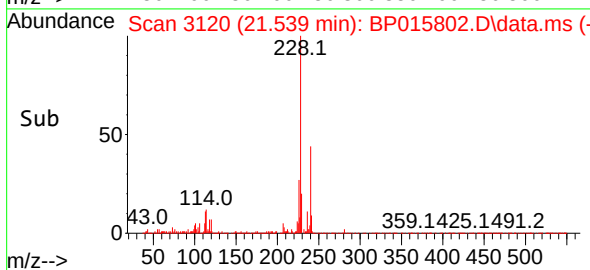
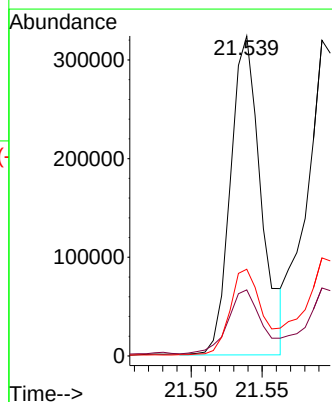
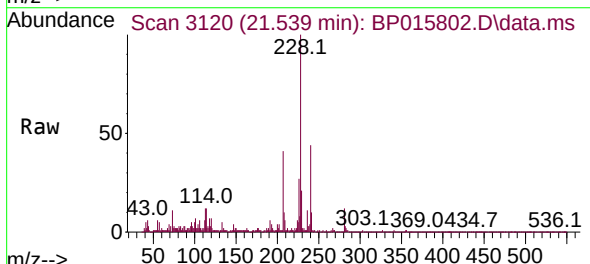
RT: 21.539 min Scan# 3120

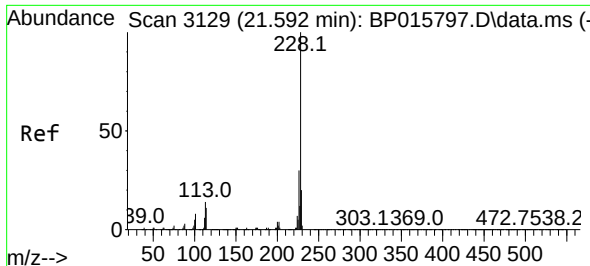
Delta R.T. -0.000 min

Lab File: BP015802.D

Acq: 29 Jun 2023 10:07

Tgt Ion:	228	Resp:	484503
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.3	22.9
226	27.1	21.4	32.0





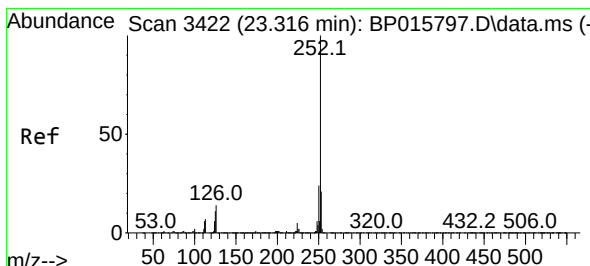
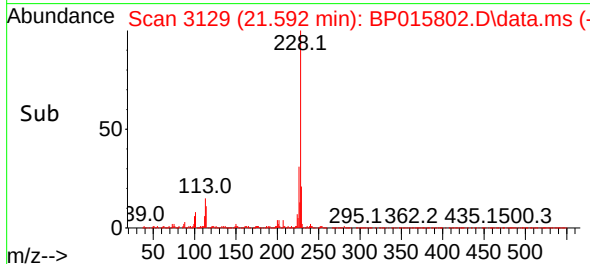
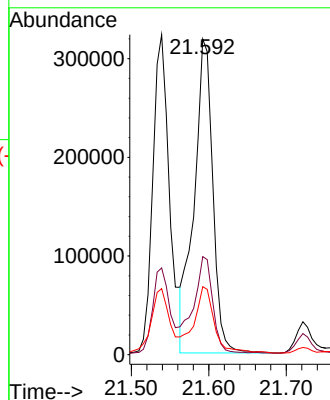
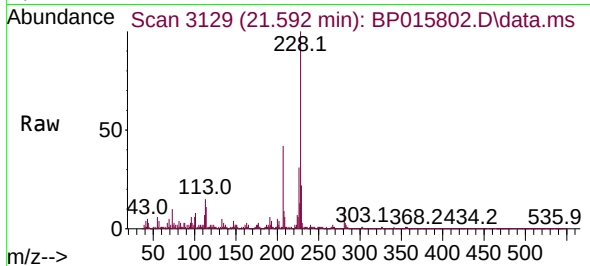
#87
Chrysene
Concen: 9.506 ng/ul
RT: 21.592 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BP015802.D
Acq: 29 Jun 2023 10:07

Instrument :
BNA_P
ClientSampleId :
DCFU0

Tgt Ion:228 Resp: 534704
Ion Ratio Lower Upper
228 100
226 31.1 24.3 36.5
229 21.6 15.5 23.3

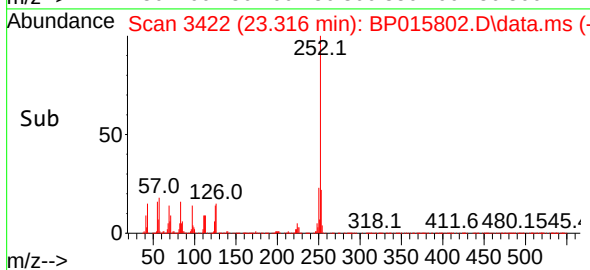
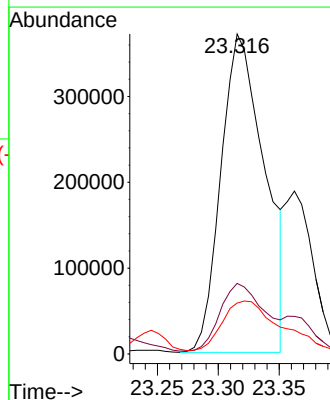
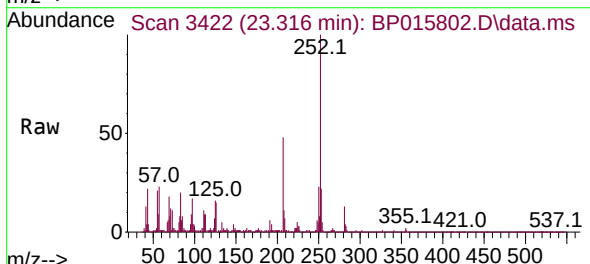
Manual Integrations
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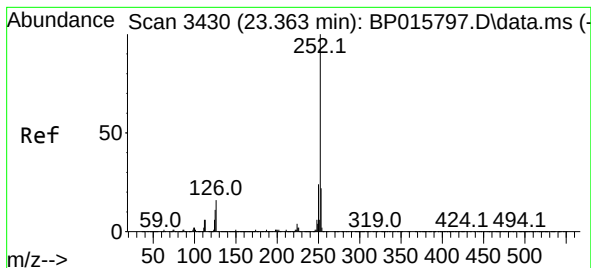
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#90
Benzo(b)fluoranthene
Concen: 13.531 ng/ul
RT: 23.316 min Scan# 3422
Delta R.T. -0.000 min
Lab File: BP015802.D
Acq: 29 Jun 2023 10:07

Tgt Ion:252 Resp: 925068
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 15.9 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 4.385 ng/ul m

RT: 23.363 min Scan# 3430

Delta R.T. -0.006 min

Lab File: BP015802.D

Acq: 29 Jun 2023 10:07

Instrument :

BNA_P

ClientSampleId :

DCFU0

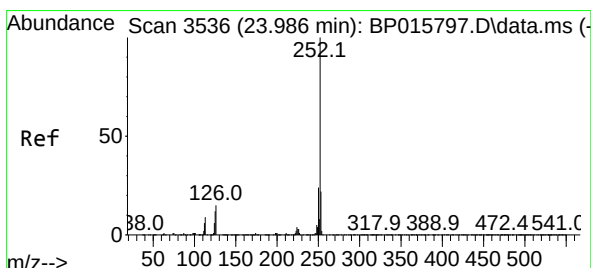
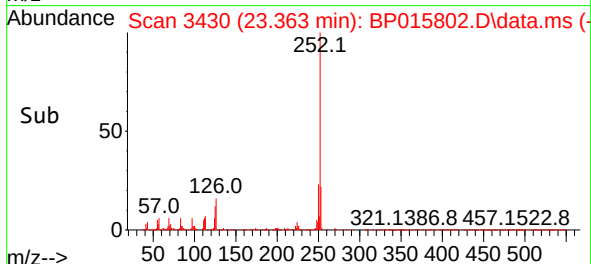
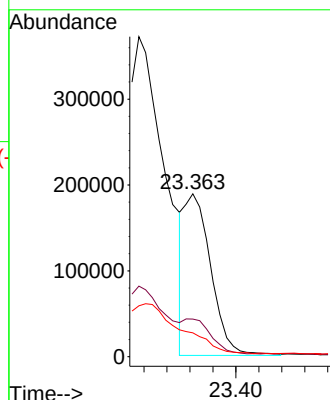
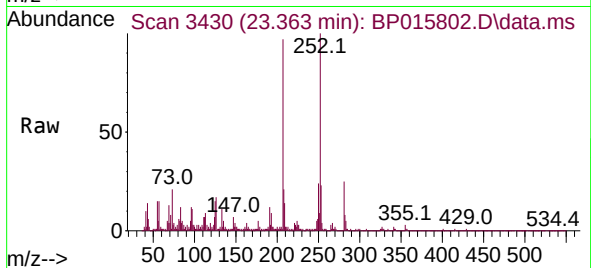
Tgt Ion:	252	Resp:	302904
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.0	25.4
125	14.7	7.3	10.9

Manual Integrations

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Supervised By :mohammad ahmed 06/30/2023



#93

Benzo(a)pyrene

Concen: 9.538 ng/ul

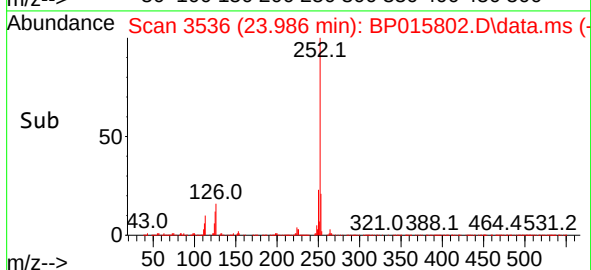
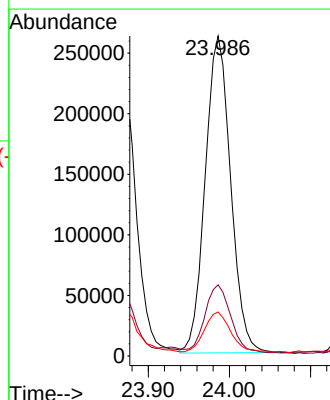
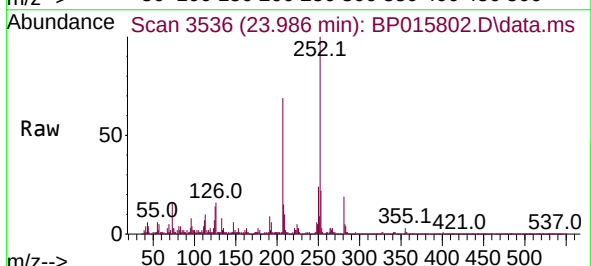
RT: 23.986 min Scan# 3536

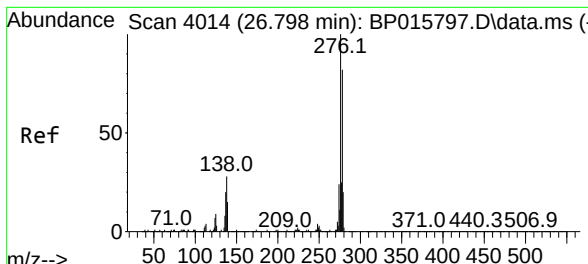
Delta R.T. -0.000 min

Lab File: BP015802.D

Acq: 29 Jun 2023 10:07

Tgt Ion:	252	Resp:	569775
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.7	26.5
125	13.8	8.2	12.2



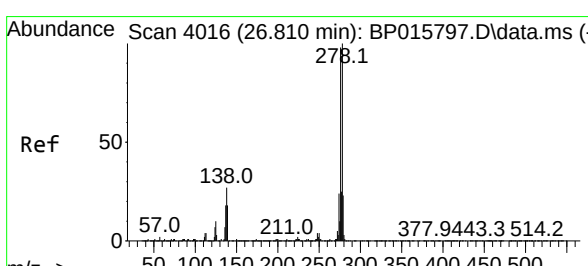
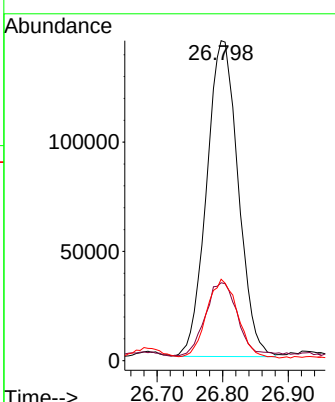
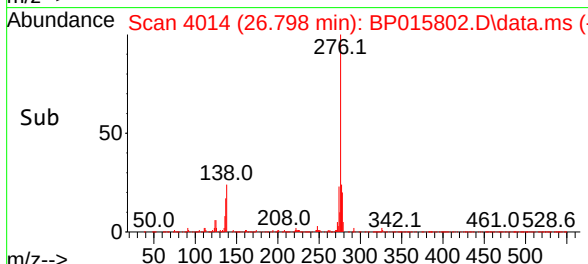
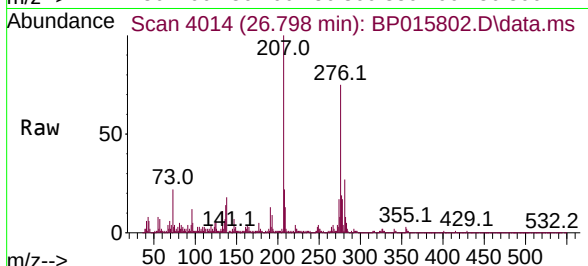


#94
 Indeno(1,2,3-cd)pyrene
 Concen: 5.953 ng/ul
 RT: 26.798 min Scan# 4014
 Delta R.T. -0.000 min
 Lab File: BP015802.D
 Acq: 29 Jun 2023 10:07

Instrument : BNA_P
 ClientSampleId : DCFU0

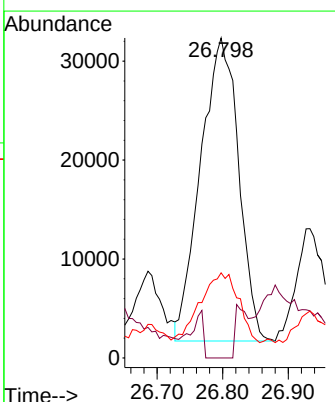
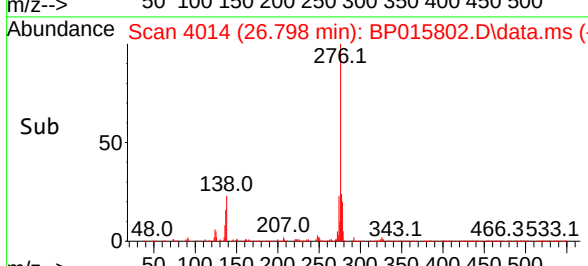
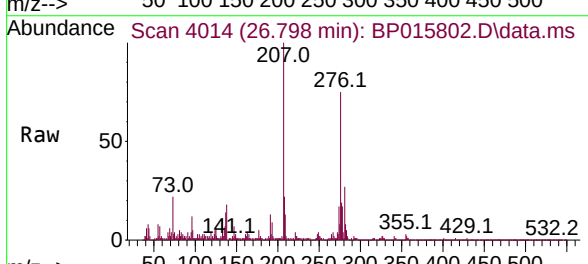
Tgt Ion:	276	Resp:	482729
Ion Ratio	Lower	Upper	
276	100		
138	24.3	15.7	23.5
277	25.5	19.6	29.4

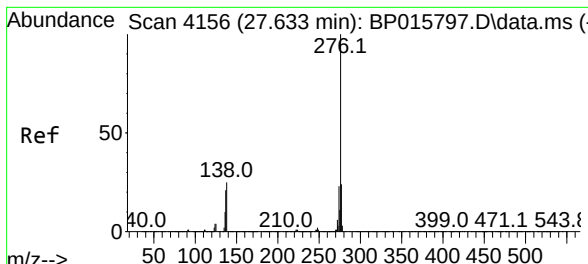
Manual Integrations
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 Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



#95
 Dibenzo(a,h)anthracene
 Concen: 1.852 ng/ul
 RT: 26.798 min Scan# 4014
 Delta R.T. -0.012 min
 Lab File: BP015802.D
 Acq: 29 Jun 2023 10:07

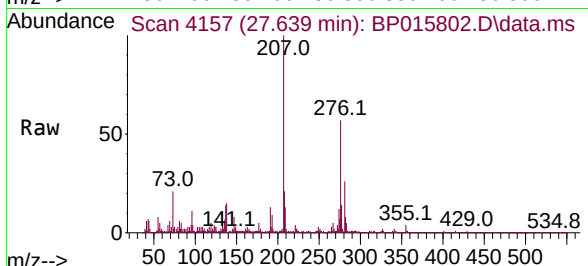
Tgt Ion:	278	Resp:	123365
Ion Ratio	Lower	Upper	
278	100		
139	0.0	10.5	15.7
279	26.6	18.4	27.6





#96
 Benzo(g,h,i)perylene
 Concen: 6.397 ng/ul
 RT: 27.639 min Scan# 4157
 Delta R.T. 0.006 min
 Lab File: BP015802.D
 Acq: 29 Jun 2023 10:07

Instrument :
 BNA_P
 ClientSampleId :
 DCFU0



Tgt Ion:276 Resp: 42674
 Ion Ratio Lower Upper
 276 100
 138 26.6 15.1 22.7
 277 25.5 18.8 28.2

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 Supervised By :mohammad ahmed 06/30/2023

