

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015800.D
 Acq On : 29 Jun 2023 08:59
 Operator : MA/JU
 Sample : 03143-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFU9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 29 09:31:19 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	306471	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	1228814	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	625161	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1059234	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.551	240	924424	20.000	ng/u1	# 0.00
88) Perylene-d12	24.098	264	1163547	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	29115	3.418	ng/uL	0.00
4) Pyridine-d5	3.828	84	233319	10.866	ng/u1	0.00
7) Phenol-d5	7.234	99	530329	20.225	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	371809	22.919	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	440586	22.258	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	337315	16.284	ng/u1	0.00
21) Nitrobenzene-d5	9.246	128	203650	21.686	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	221746	20.231	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	348945	17.866	ng/u1	0.03
31) 4-Chloroaniline-d4	11.075	131	197989	7.891	ng/u1	0.04
46) Dimethylphthalate-d6	14.116	166	1058507	21.906	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	1215012	22.368	ng/u1	0.00
54) 4-Nitrophenol-d4	14.993	143	93229m	14.621	ng/u1	0.04
60) Fluorene-d10	15.704	176	826081	20.763	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	84933	13.038	ng/u1	0.01
73) Anthracene-d10	17.569	188	1084736	22.419	ng/u1	0.00
81) Pyrene-d10	19.792	212	1175597	19.475	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	1318744	22.468	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	478495	8.315	ng/u1	99
74) Anthracene	17.604	178	78421	1.356	ng/u1	96
80) Fluoranthene	19.469	202	1649781	21.991	ng/u1#	93
82) Pyrene	19.822	202	1318943	17.235	ng/u1#	89
85) Benzo(a)anthracene	21.539	228	758442	11.663	ng/u1	97
87) Chrysene	21.592	228	918982	14.895	ng/u1	98
90) Benzo(b)fluoranthene	23.316	252	1502428	20.096	ng/u1#	95
91) Benzo(k)fluoranthene	23.363	252	457549m	6.057	ng/u1	
93) Benzo(a)pyrene	23.986	252	921222	14.102	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	26.798	276	788011	8.886	ng/u1#	95
95) Dibenzo(a,h)anthracene	26.798	278	208451	2.862	ng/u1#	76
96) Benzo(g,h,i)perylene	27.633	276	706880	9.689	ng/u1#	94

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

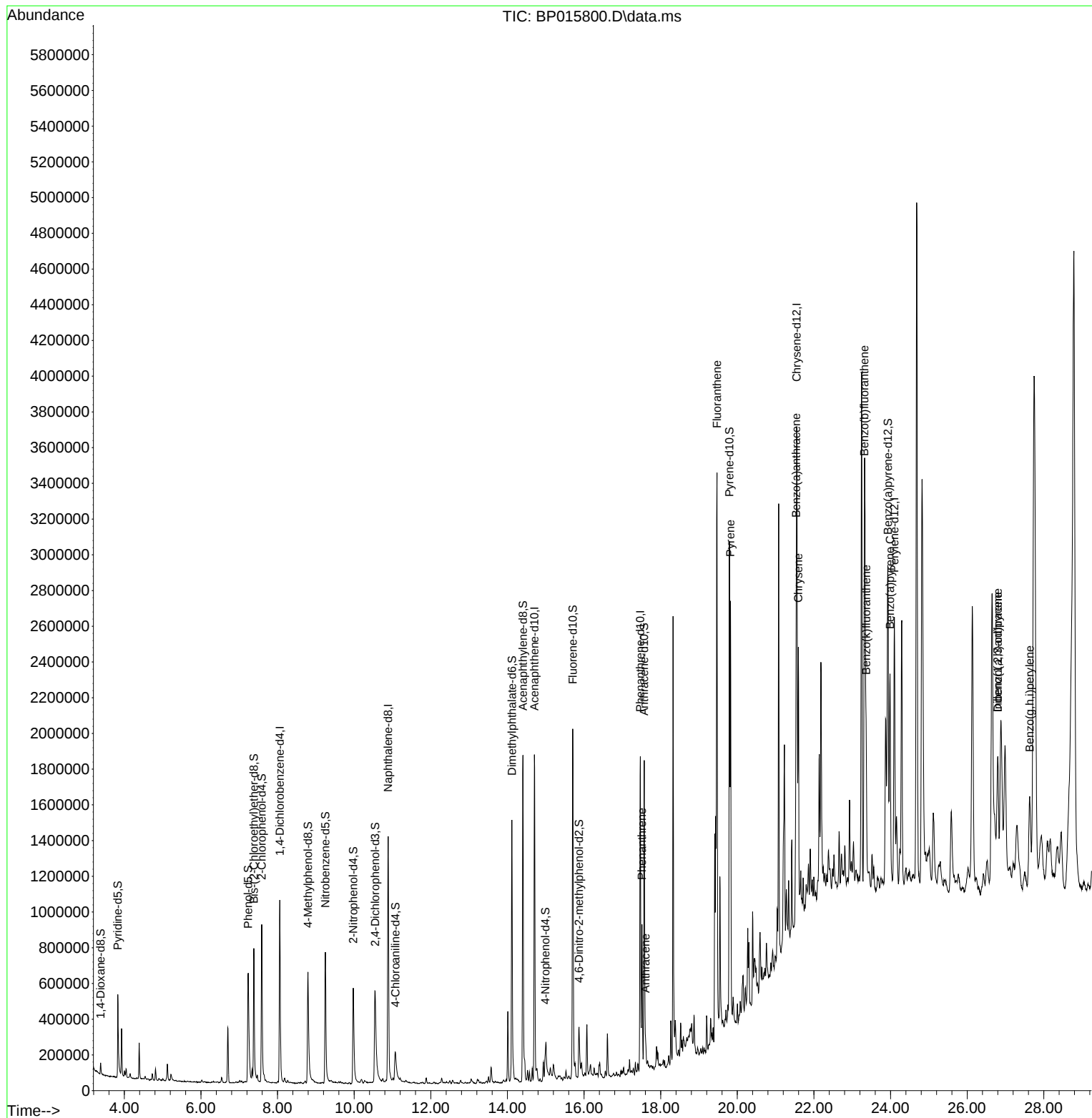
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015800.D
Acq On : 29 Jun 2023 08:59
Operator : MA/JU
Sample : 03143-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

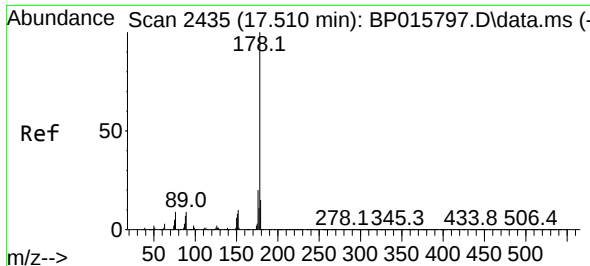
Instrument :
BNA_P
ClientSampleId :
DCFU9

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Supervised By :mohammad ahmed 06/29/2023

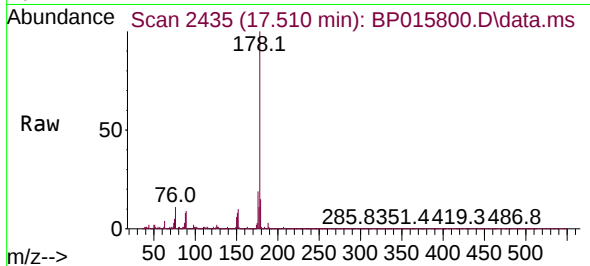
Quant Time: Jun 29 09:31:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
Response via : Initial Calibration





#72
Phenanthrene
Concen: 8.315 ng/ul
RT: 17.510 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP015800.D
Acq: 29 Jun 2023 08:59

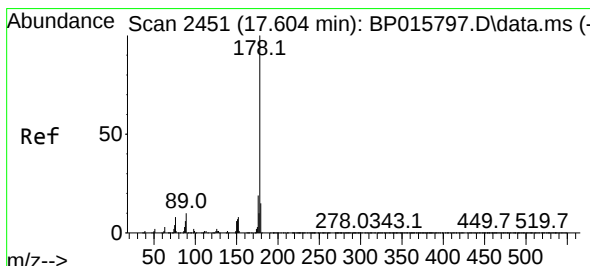
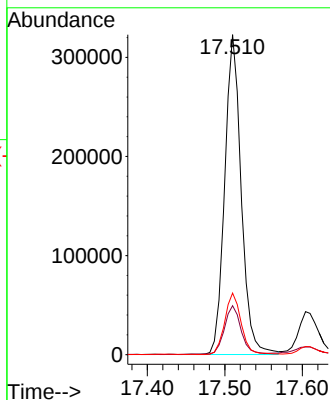
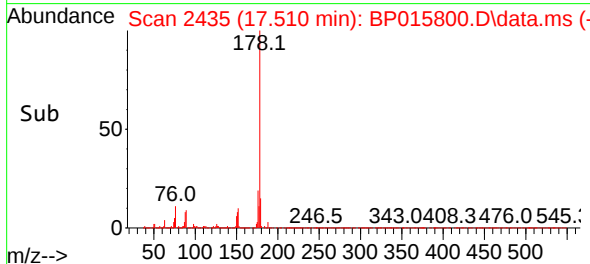
Instrument :
BNA_P
ClientSampleId :
DCFU9



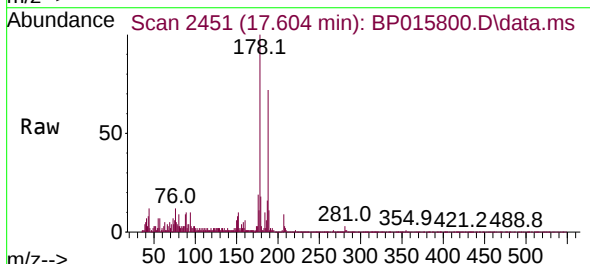
Tgt Ion:178 Resp: 478495
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 19.2 15.6 23.4

Manual Integrations
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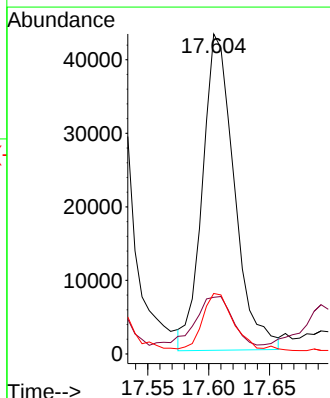
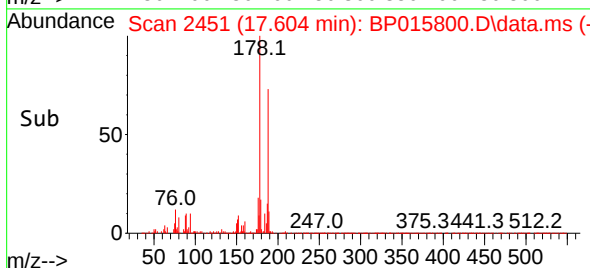
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

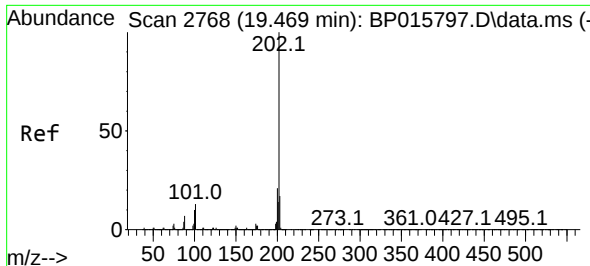


#74
Anthracene
Concen: 1.356 ng/ul
RT: 17.604 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BP015800.D
Acq: 29 Jun 2023 08:59



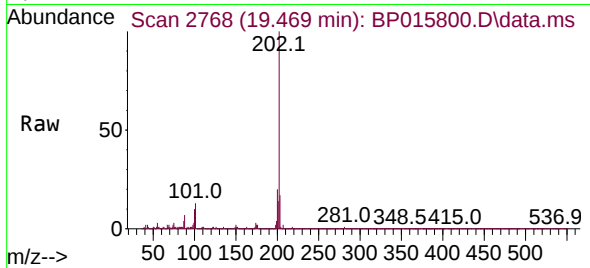
Tgt Ion:178 Resp: 78421
Ion Ratio Lower Upper
178 100
179 17.7 12.1 18.1
176 18.9 14.6 22.0





#80
Fluoranthene
Concen: 21.991 ng/ul
RT: 19.469 min Scan# 2768
Delta R.T. -0.006 min
Lab File: BP015800.D
Acq: 29 Jun 2023 08:59

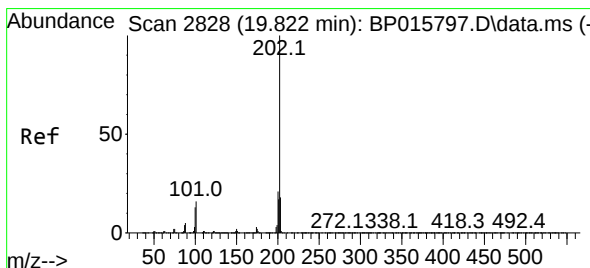
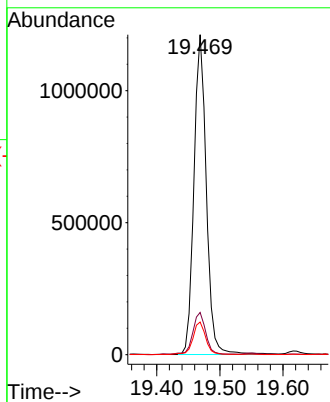
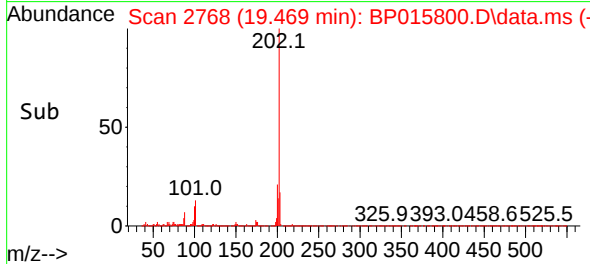
Instrument :
BNA_P
ClientSampleId :
DCFU9



Tgt Ion:202 Resp: 164978
Ion Ratio Lower Upper
202 100
101 13.2 8.3 12.5
100 10.2 6.6 9.8

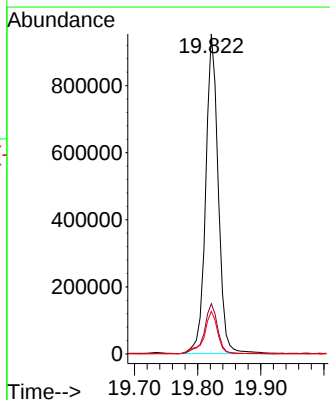
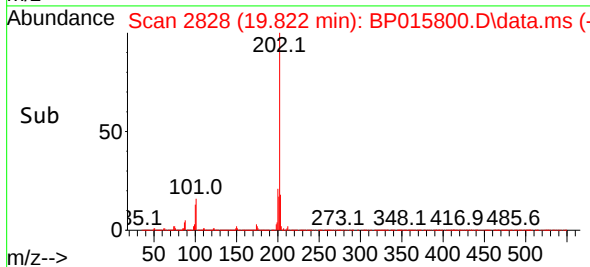
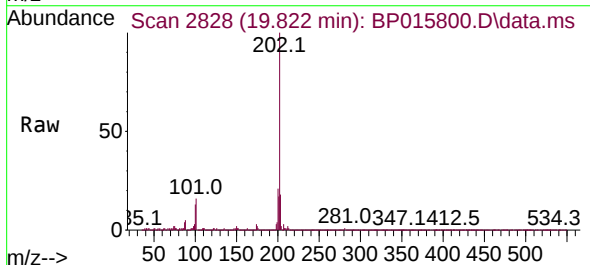
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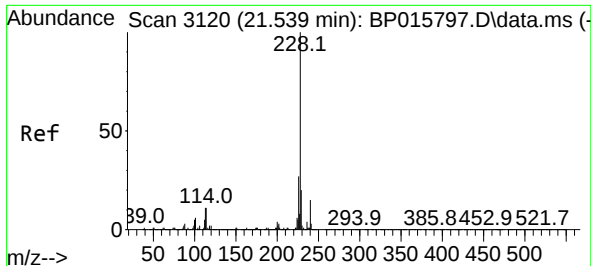
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#82
Pyrene
Concen: 17.235 ng/ul
RT: 19.822 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BP015800.D
Acq: 29 Jun 2023 08:59

Tgt Ion:202 Resp: 1318943
Ion Ratio Lower Upper
202 100
101 15.7 9.3 13.9#
100 13.3 7.6 11.4#





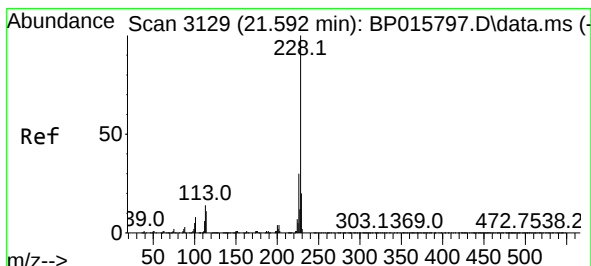
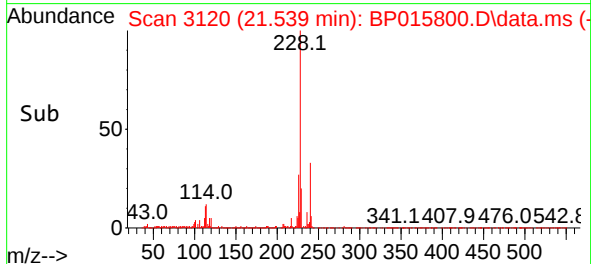
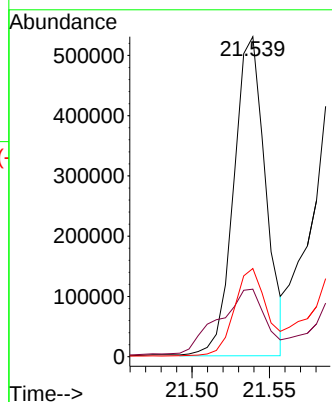
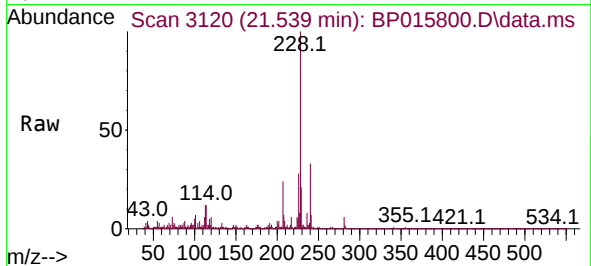
#85
Benzo(a)anthracene
Concen: 11.663 ng/u1
RT: 21.539 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP015800.D
Acq: 29 Jun 2023 08:59

Instrument :
BNA_P
ClientSampleId :
DCFU9

Tgt Ion:228 Resp: 75844
Ion Ratio Lower Upper
228 100
229 21.1 15.3 22.9
226 27.6 21.4 32.0

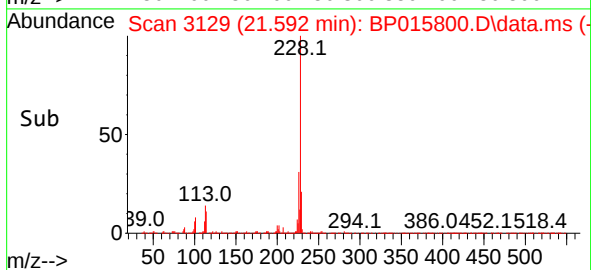
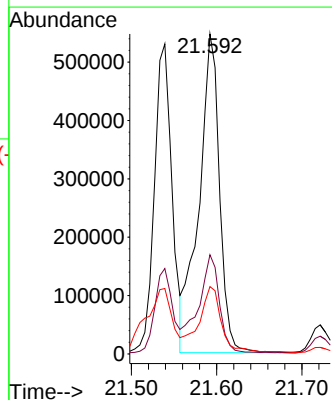
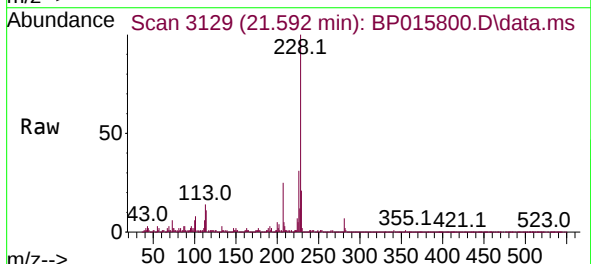
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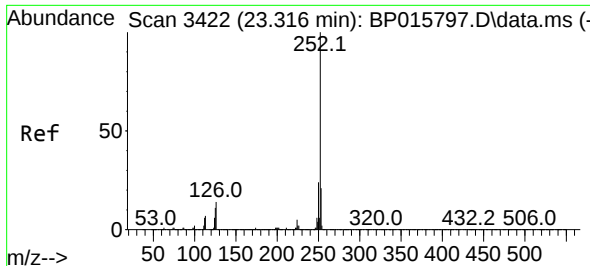
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#87
Chrysene
Concen: 14.895 ng/u1
RT: 21.592 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BP015800.D
Acq: 29 Jun 2023 08:59

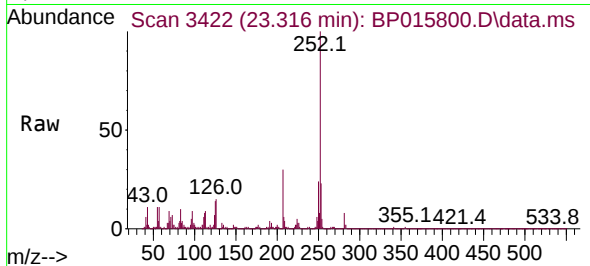
Tgt Ion:228 Resp: 918982
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 21.0 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 20.096 ng/ul
RT: 23.316 min Scan# 3422
Delta R.T. -0.000 min
Lab File: BP015800.D
Acq: 29 Jun 2023 08:59

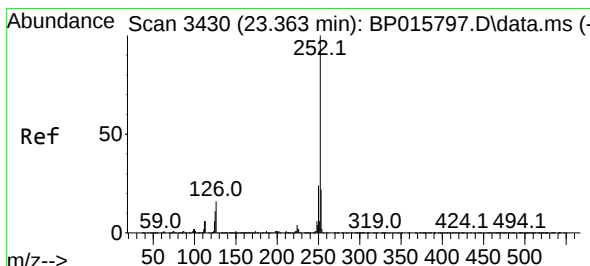
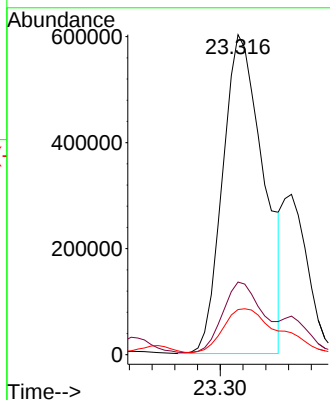
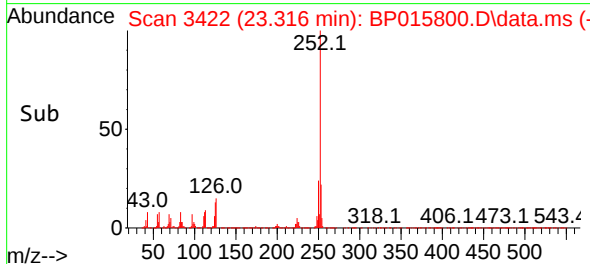
Instrument :
BNA_P
ClientSampleId :
DCFU9



Tgt Ion:252 Resp: 1502428
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 14.1 7.5 11.3

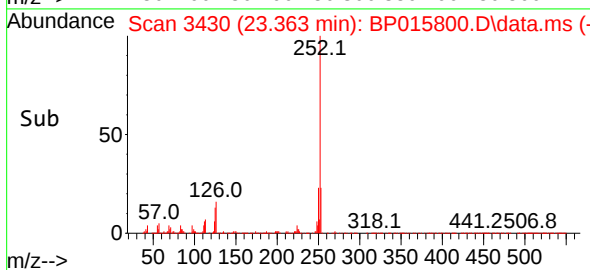
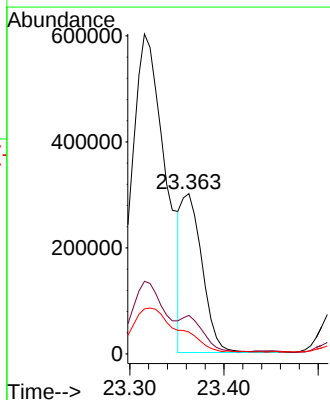
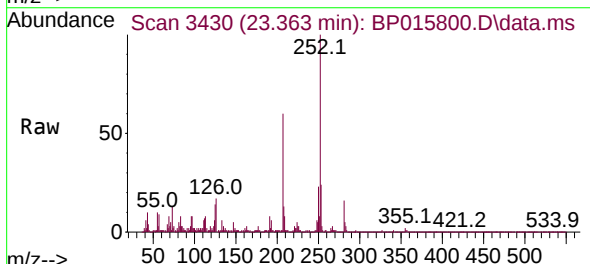
Manual Integrations
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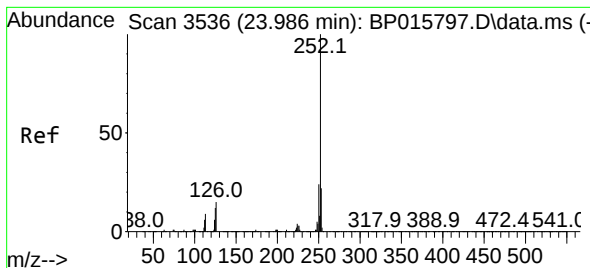
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#91
Benzo(k)fluoranthene
Concen: 6.057 ng/ul m
RT: 23.363 min Scan# 3430
Delta R.T. -0.006 min
Lab File: BP015800.D
Acq: 29 Jun 2023 08:59

Tgt Ion:252 Resp: 457549
Ion Ratio Lower Upper
252 100
253 24.1 17.0 25.4
125 13.7 7.3 10.9





#93

Benzo(a)pyrene

Concen: 14.102 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. 0.000 min

Lab File: BP015800.D

Acq: 29 Jun 2023 08:59

Instrument :

BNA_P

ClientSampleId :

DCFU9

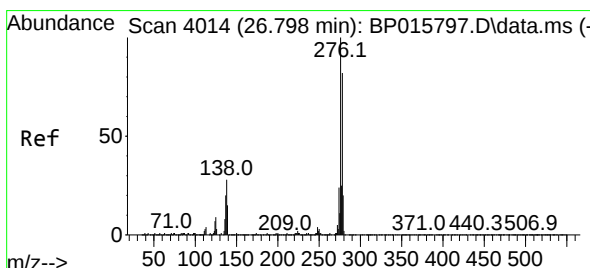
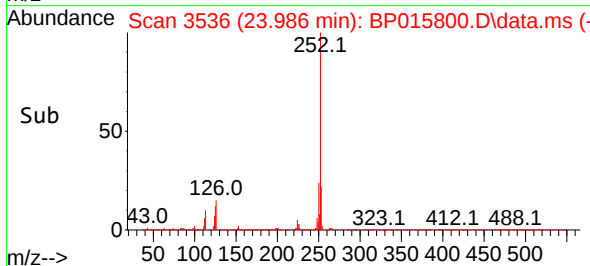
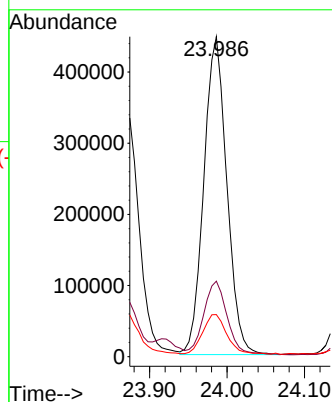
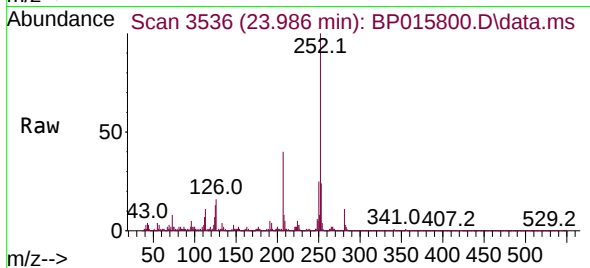
Tgt Ion:	252	Resp:	92122
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.7	26.5
125	13.1	8.2	12.2

Manual Integrations

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Supervised By :mohammad ahmed 06/29/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 8.886 ng/ul

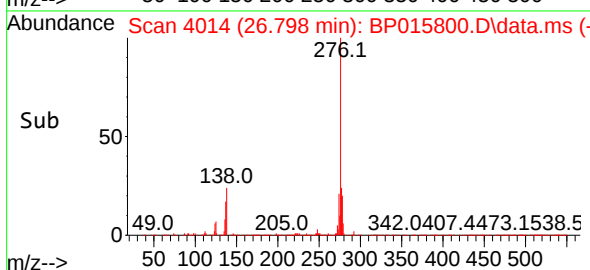
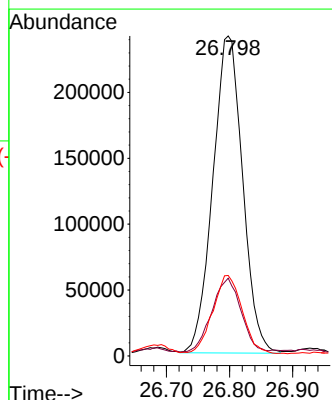
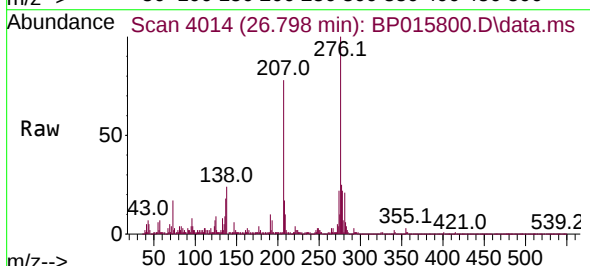
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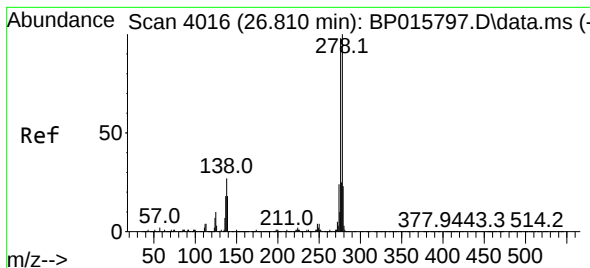
Delta R.T. 0.000 min

Lab File: BP015800.D

Acq: 29 Jun 2023 08:59

Tgt Ion:	276	Resp:	788011
Ion Ratio	Lower	Upper	
276	100		
138	24.3	15.7	23.5
277	25.2	19.6	29.4





#95

Dibenzo(a,h)anthracene

Concen: 2.862 ng/ul

RT: 26.798 min Scan# 4016

Delta R.T. -0.012 min

Lab File: BP015800.D

Acq: 29 Jun 2023 08:59

Instrument :

BNA_P

ClientSampleId :

DCFU9

Tgt Ion:278 Resp: 20845

Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7

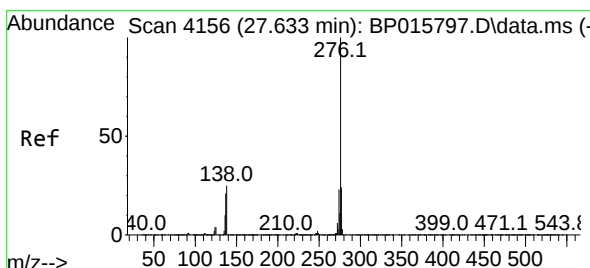
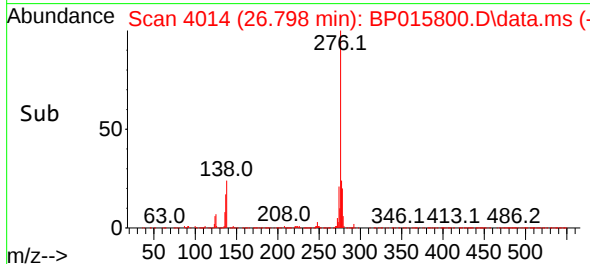
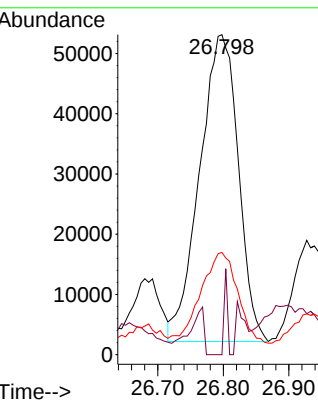
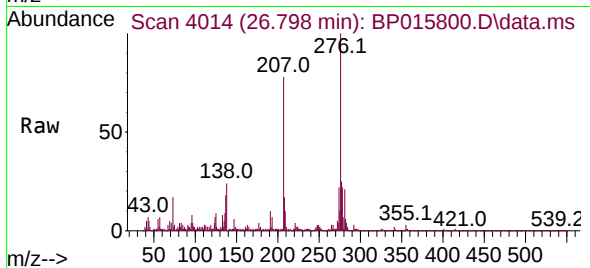
279 31.9 18.4 27.6

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 06/29/2023



#96

Benzo(g,h,i)perylene

Concen: 9.689 ng/ul

RT: 27.633 min Scan# 4156

Delta R.T. 0.000 min

Lab File: BP015800.D

Acq: 29 Jun 2023 08:59

Tgt Ion:276 Resp: 706880

Ion Ratio Lower Upper

276 100

138 23.3 15.1 22.7

277 25.3 18.8 28.2

