

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015793.D
 Acq On : 28 Jun 2023 23:28
 Operator : MA/JU
 Sample : 03142-21
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFT8

Manual Integrations
 APPROVED

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

Quant Time: Jun 29 03:11:28 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	334364	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1392416	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	784996	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1438273	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	966206	20.000	ng/ul	0.00
88) Perylene-d12	24.098	264	1191739	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	23609	2.540	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.234	99	432123	15.105	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	297736	16.822	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	354367	16.409	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	269887	11.942	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	164978	15.504	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	188336	15.164	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	308598	13.944	ng/ul	0.02
31) 4-Chloroaniline-d4	11.063	131	234568	8.251	ng/ul	0.03
46) Dimethylphthalate-d6	14.116	166	1045500	17.231	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1178921	17.285	ng/ul	0.00
54) 4-Nitrophenol-d4	14.993	143	75649m	9.448	ng/ul	0.04
60) Fluorene-d10	15.704	176	849546	17.005	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	86024m	9.725	ng/ul	0.01
73) Anthracene-d10	17.569	188	1107045	16.851	ng/ul	0.00
81) Pyrene-d10	19.792	212	1126988	17.863	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1070838	17.813	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	147723	1.891	ng/ul	99
80) Fluoranthene	19.469	202	368792	4.703	ng/ul#	92
82) Pyrene	19.822	202	319149	3.990	ng/ul#	89
85) Benzo(a)anthracene	21.539	228	181233	2.666	ng/ul	94
87) Chrysene	21.598	228	211164	3.275	ng/ul	96
90) Benzo(b)fluoranthene	23.322	252	346972	4.531	ng/ul#	89
91) Benzo(k)fluoranthene	23.363	252	116184	1.502	ng/ul#	88
93) Benzo(a)pyrene	23.986	252	211579	3.162	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	26.804	276	186404	2.052	ng/ul	94
96) Benzo(g,h,i)perylene	27.639	276	171550	2.296	ng/ul#	92

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

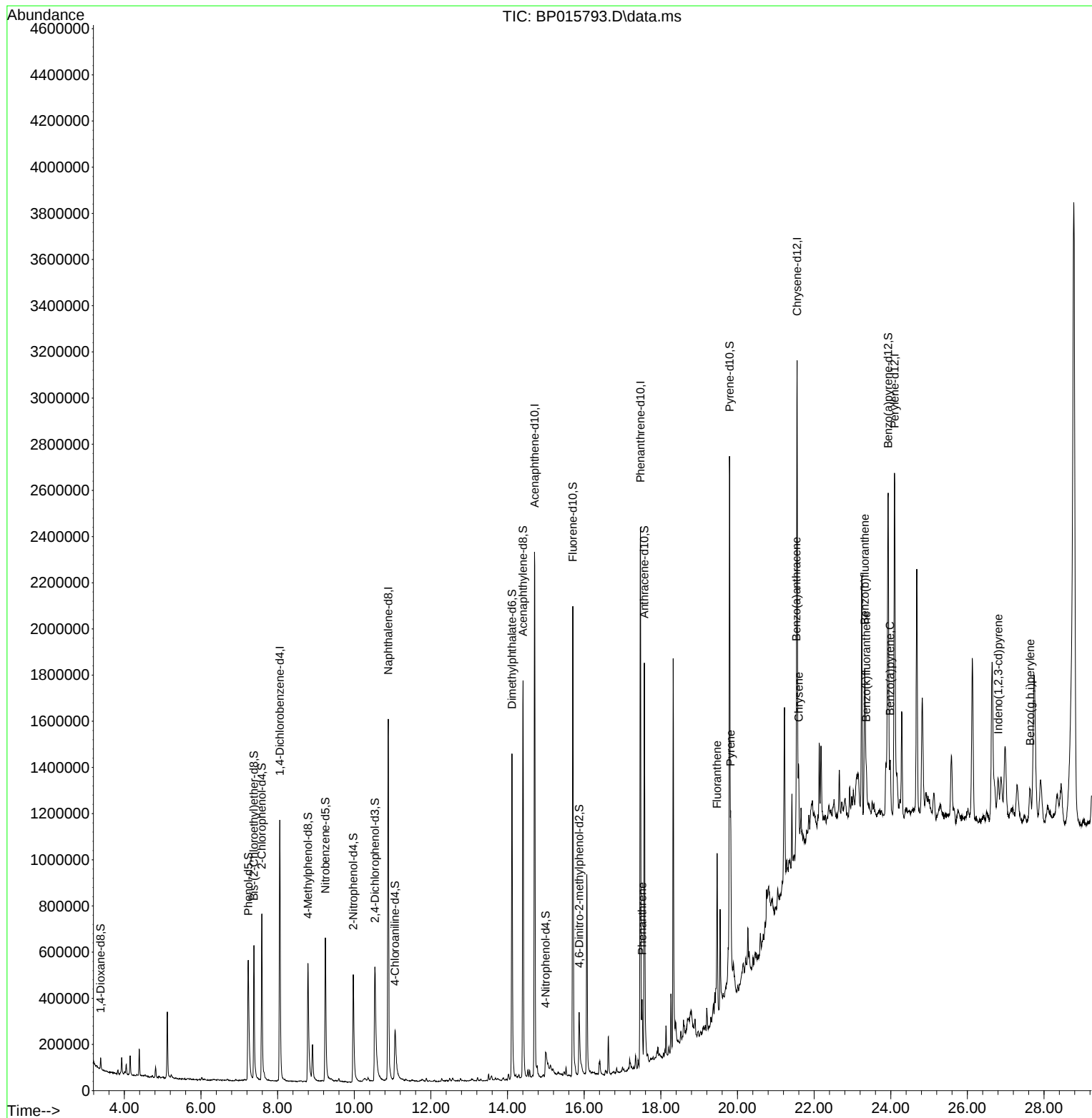
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015793.D
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Sample : 03142-21
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ALS Vial : 27 Sample Multiplier: 1

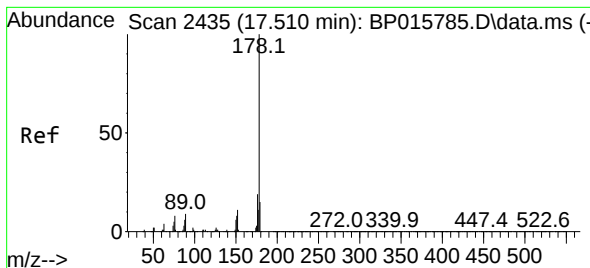
Instrument :
BNA_P
ClientSampleId :
DCFT8

Quant Time: Jun 29 03:11:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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#72

Phenanthrene

Concen: 1.891 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BP015793.D

Acq: 28 Jun 2023 23:28

Instrument :

BNA_P

ClientSampleId :

DCFT8

Tgt Ion:178 Resp: 14772

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

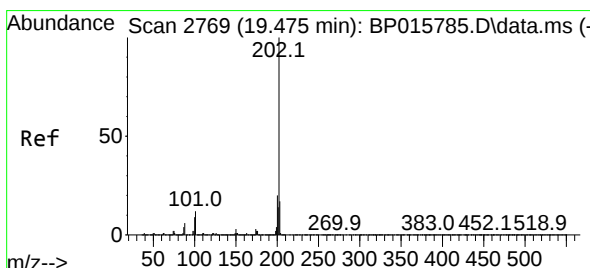
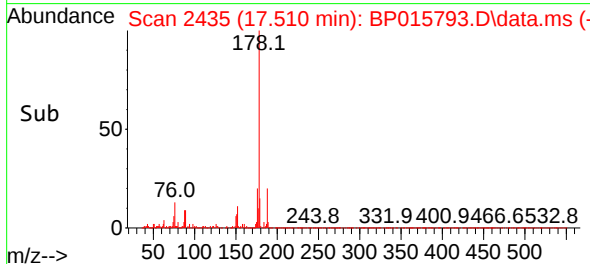
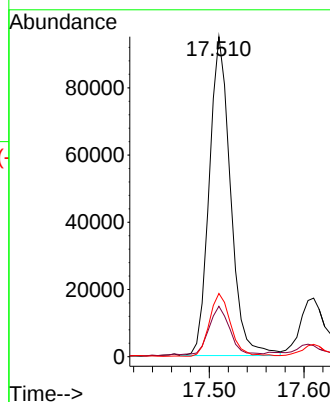
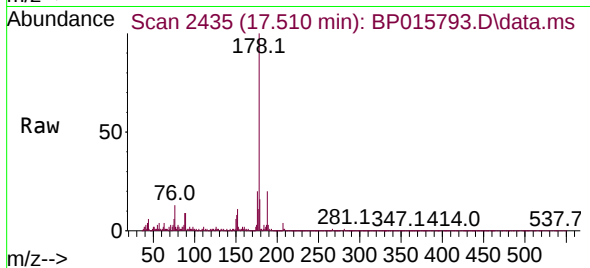
176 19.8 15.6 23.4

Manual Integrations

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#80

Fluoranthene

Concen: 4.703 ng/ul

RT: 19.469 min Scan# 2768

Delta R.T. -0.006 min

Lab File: BP015793.D

Acq: 28 Jun 2023 23:28

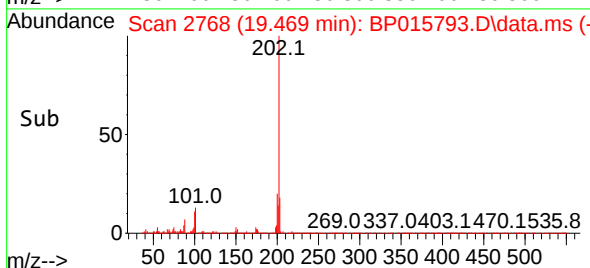
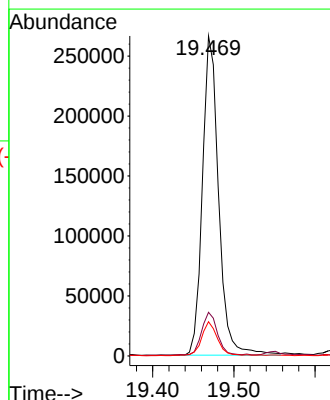
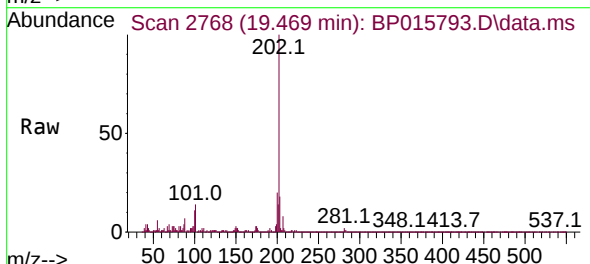
Tgt Ion:202 Resp: 368792

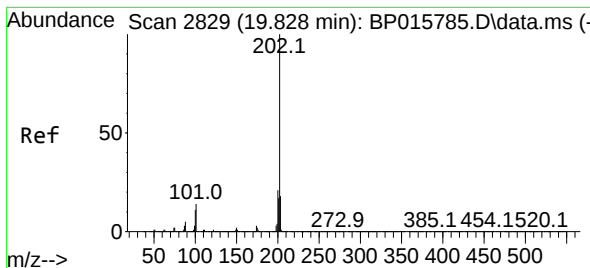
Ion Ratio Lower Upper

202 100

101 13.6 8.3 12.5#

100 10.7 6.6 9.8#





#82

Pyrene

Concen: 3.990 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015793.D

Acq: 28 Jun 2023 23:28

Instrument :

BNA_P

ClientSampleId :

DCFT8

Tgt Ion:202 Resp: 319149

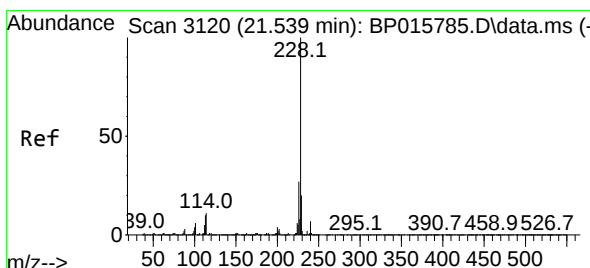
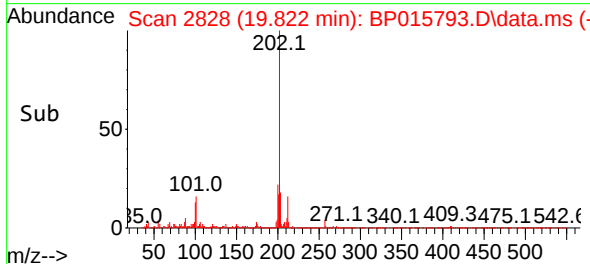
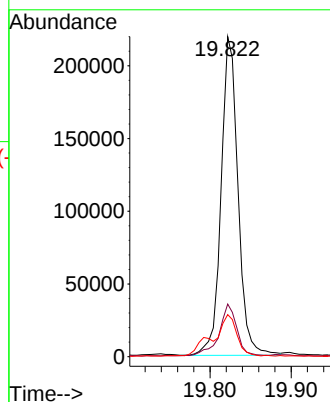
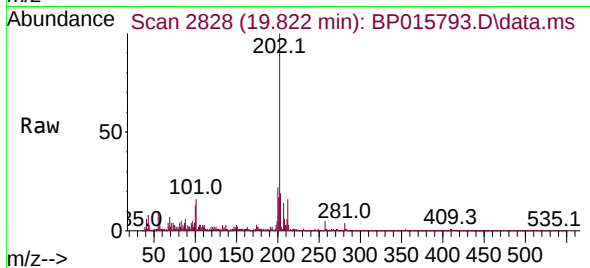
Ion	Ratio	Lower	Upper
202	100		
101	16.4	9.3	13.9
100	13.2	7.6	11.4

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#85

Benzo(a)anthracene

Concen: 2.666 ng/ul

RT: 21.539 min Scan# 3120

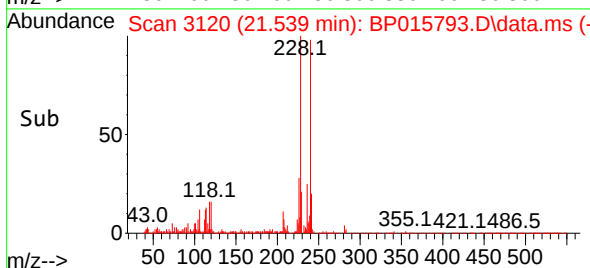
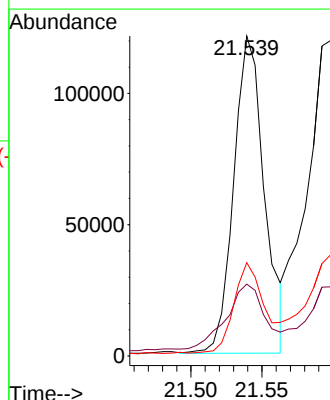
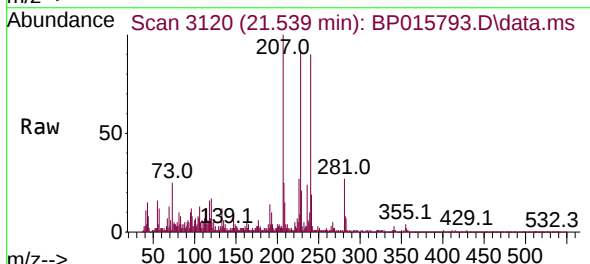
Delta R.T. 0.000 min

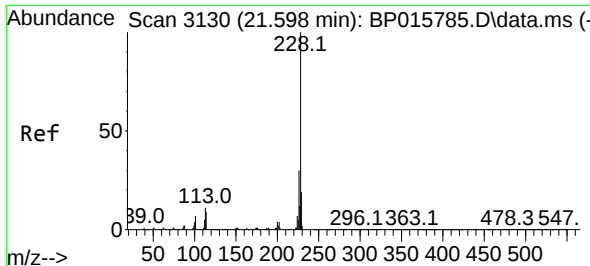
Lab File: BP015793.D

Acq: 28 Jun 2023 23:28

Tgt Ion:228 Resp: 181233

Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.3	22.9
226	29.1	21.4	32.0





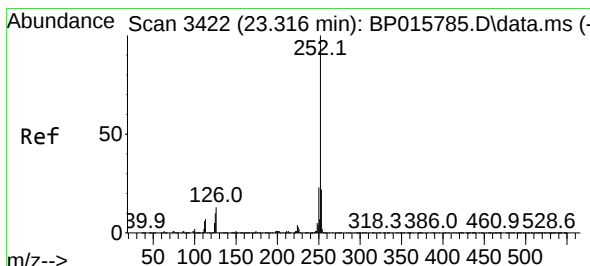
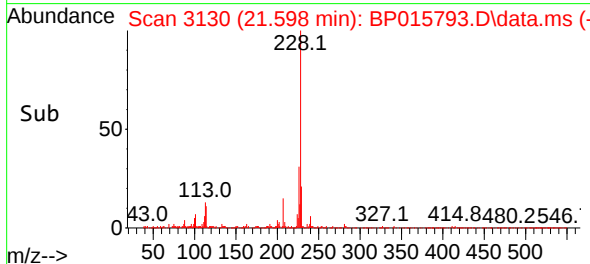
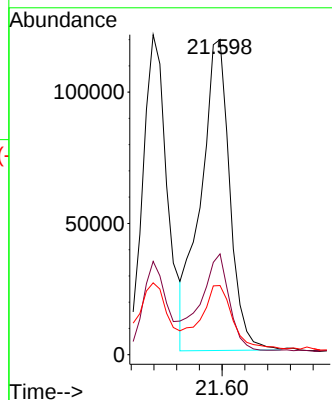
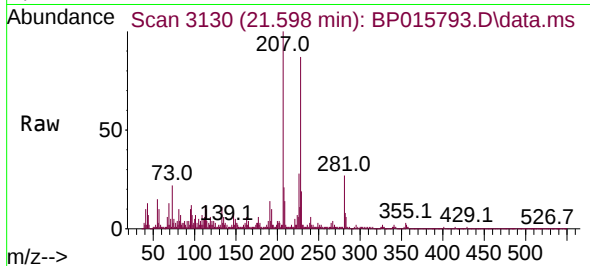
#87
Chrysene
Concen: 3.275 ng/ul
RT: 21.598 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BP015793.D
Acq: 28 Jun 2023 23:28

Instrument :
BNA_P
ClientSampleId :
DCFT8

Tgt Ion:228 Resp: 211164
Ion Ratio Lower Upper
228 100
226 32.0 24.3 36.5
229 21.9 15.5 23.3

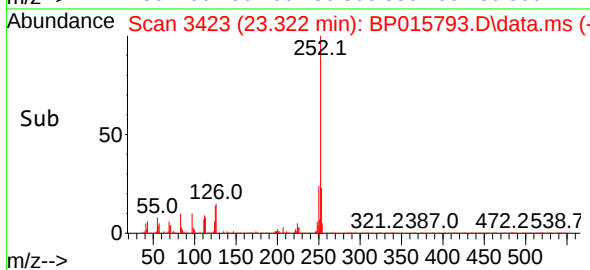
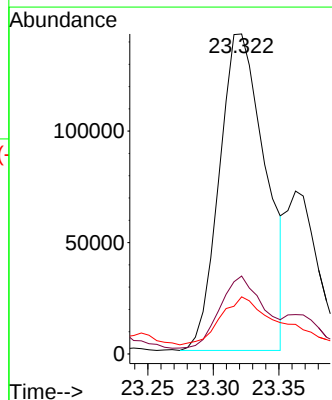
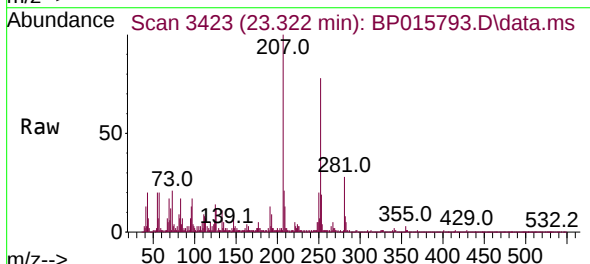
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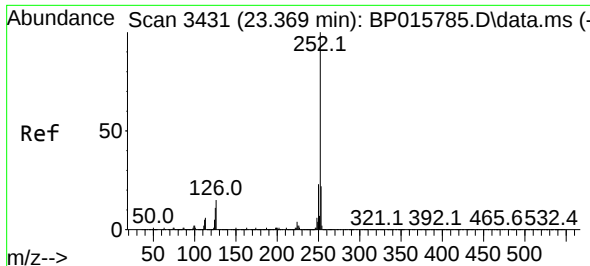
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#90
Benzo(b)fluoranthene
Concen: 4.531 ng/ul
RT: 23.322 min Scan# 3423
Delta R.T. 0.006 min
Lab File: BP015793.D
Acq: 28 Jun 2023 23:28

Tgt Ion:252 Resp: 346972
Ion Ratio Lower Upper
252 100
253 24.4 17.3 25.9
125 17.9 7.5 11.3





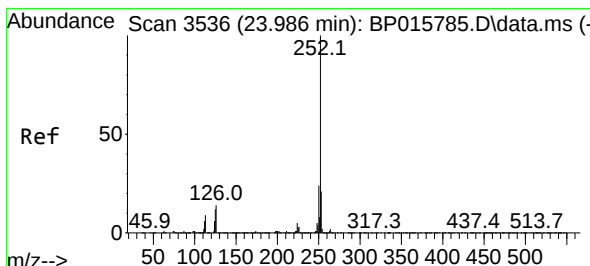
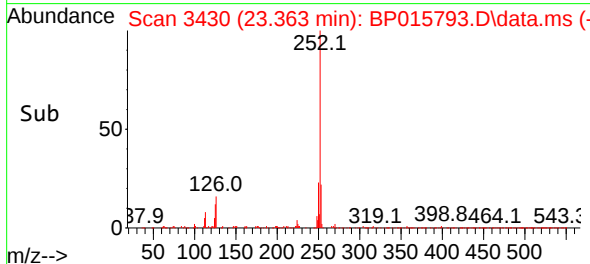
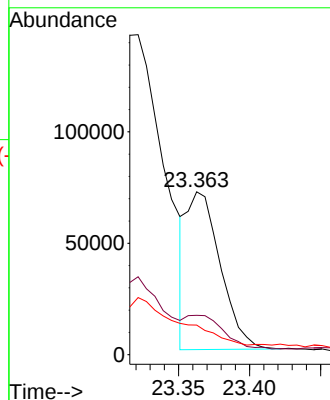
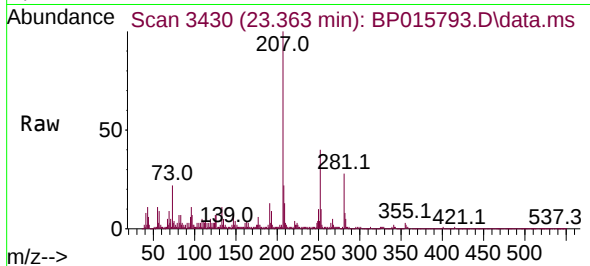
#91
Benzo(k)fluoranthene
Concen: 1.502 ng/u1
RT: 23.363 min Scan# 3431
Delta R.T. -0.006 min
Lab File: BP015793.D
Acq: 28 Jun 2023 23:28

Instrument :
BNA_P
ClientSampleId :
DCFT8

Tgt Ion:252 Resp: 116184
Ion Ratio Lower Upper
252 100
253 24.2 17.0 25.4
125 18.2 7.3 10.9

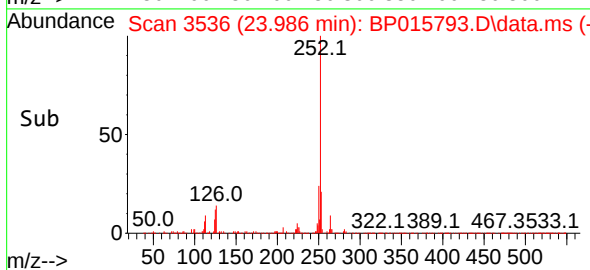
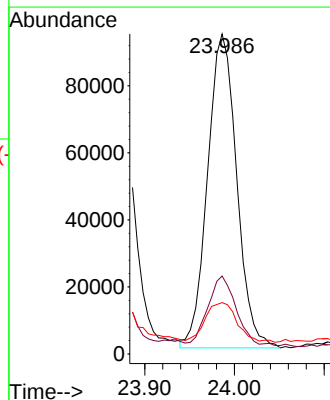
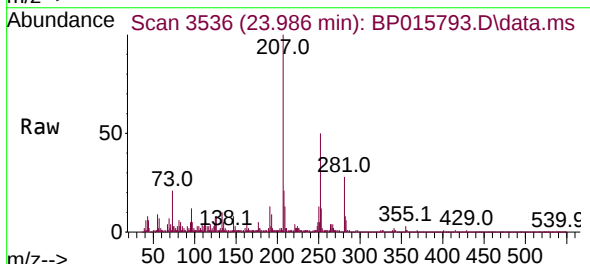
Manual Integrations
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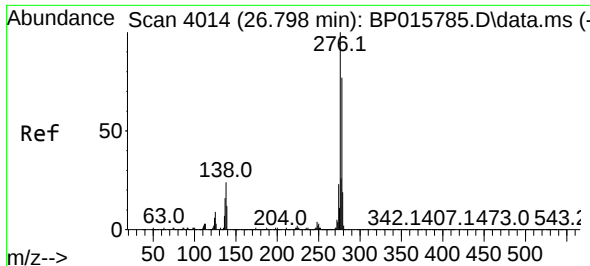
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#93
Benzo(a)pyrene
Concen: 3.162 ng/u1
RT: 23.986 min Scan# 3536
Delta R.T. 0.000 min
Lab File: BP015793.D
Acq: 28 Jun 2023 23:28

Tgt Ion:252 Resp: 211579
Ion Ratio Lower Upper
252 100
253 24.3 17.7 26.5
125 16.0 8.2 12.2





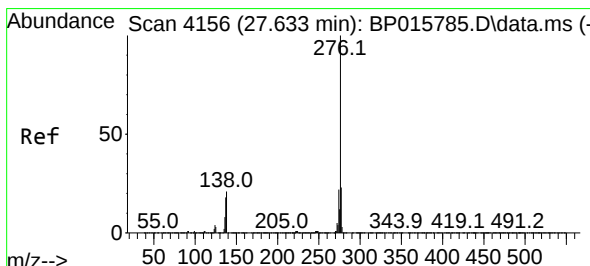
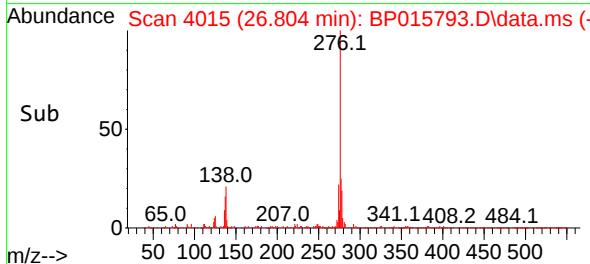
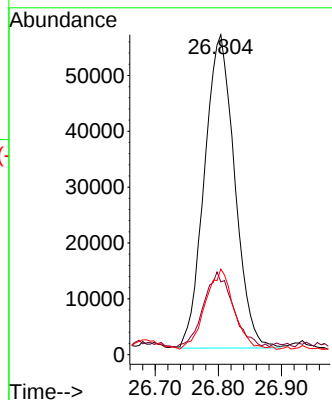
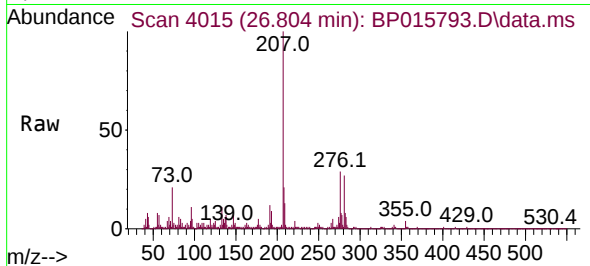
#94
Indeno(1,2,3-cd)pyrene
Concen: 2.052 ng/ul
RT: 26.804 min Scan# 4014
Delta R.T. 0.006 min
Lab File: BP015793.D
Acq: 28 Jun 2023 23:28

Instrument :
BNA_P
ClientSampleId :
DCFT8

Tgt Ion:276 Resp: 186404
Ion Ratio Lower Upper
276 100
138 22.8 15.7 23.5
277 26.8 19.6 29.4

Manual Integrations
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Supervised By :mohammad ahmed 06/29/2023



#96
Benzo(g,h,i)perylene
Concen: 2.296 ng/ul
RT: 27.639 min Scan# 4157
Delta R.T. 0.006 min
Lab File: BP015793.D
Acq: 28 Jun 2023 23:28

Tgt Ion:276 Resp: 171550
Ion Ratio Lower Upper
276 100
138 25.0 15.1 22.7#
277 25.0 18.8 28.2

