

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015791.D
 Acq On : 28 Jun 2023 22:20
 Operator : MA/JU
 Sample : 03142-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFS6

Manual Integrations
 APPROVED

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

Quant Time: Jun 29 03:03:24 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	334134	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1387510	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	751033	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1297828	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	923981	20.000	ng/ul	0.00
88) Perylene-d12	24.098	264	1150025	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	23015	2.478	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.234	99	376116	13.156	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	272504	15.407	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	315601	14.624	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	247031	10.938	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	148317	13.987	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	161318	13.035	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	256073	11.611	ng/ul	0.03
31) 4-Chloroaniline-d4	11.075	131	124727m	4.403	ng/ul	0.04
46) Dimethylphthalate-d6	14.116	166	830447	14.306	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	945682	14.492	ng/ul	0.00
54) 4-Nitrophenol-d4	15.010	143	46306m	6.045	ng/ul	0.06
60) Fluorene-d10	15.704	176	662017	13.850	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	62330	7.809	ng/ul	0.02
73) Anthracene-d10	17.569	188	813986	13.731	ng/ul	0.00
81) Pyrene-d10	19.792	212	832328	13.795	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	816859	14.081	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	105442	1.496	ng/ul	99
80) Fluoranthene	19.469	202	261935	3.493	ng/ul#	93
82) Pyrene	19.822	202	215691	2.820	ng/ul#	88
85) Benzo(a)anthracene	21.539	228	112979m	1.738	ng/ul	
87) Chrysene	21.598	228	140426	2.277	ng/ul	98
90) Benzo(b)fluoranthene	23.321	252	230566	3.120	ng/ul#	90
91) Benzo(k)fluoranthene	23.363	252	81734m	1.095	ng/ul	
93) Benzo(a)pyrene	23.986	252	143804	2.227	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	26.810	276	130456	1.488	ng/ul	94
96) Benzo(g,h,i)perylene	27.639	276	121933	1.691	ng/ul#	91

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

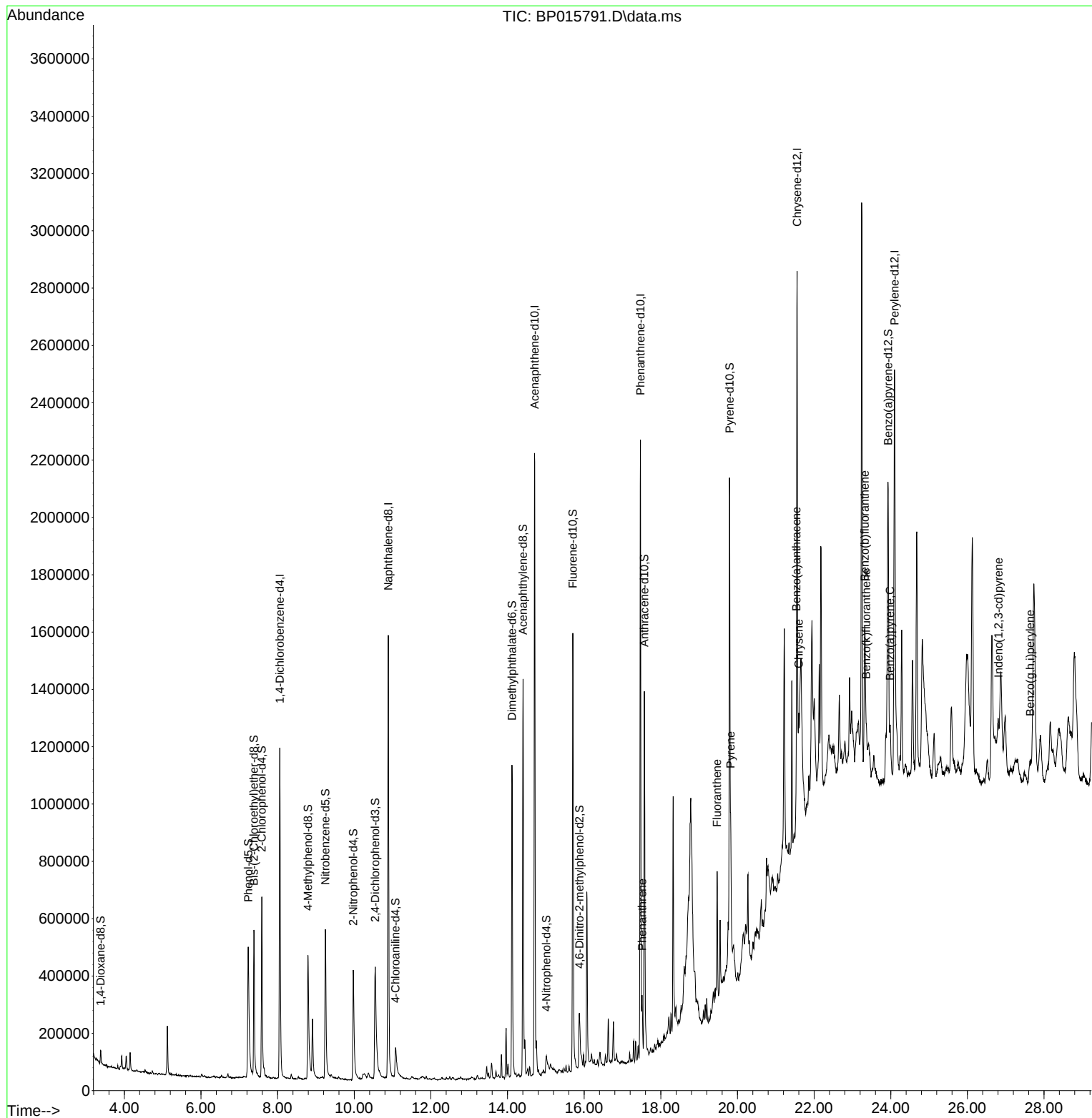
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015791.D
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ALS Vial : 25 Sample Multiplier: 1

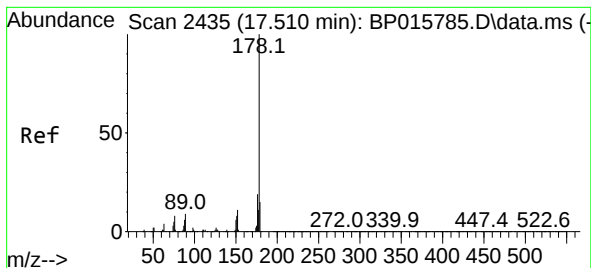
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.496 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BP015791.D

Acq: 28 Jun 2023 22:20

Instrument :

BNA_P

ClientSampleId :

DCFS6

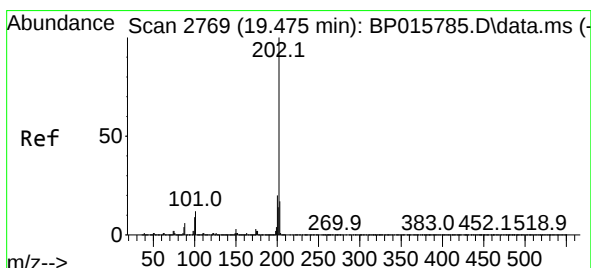
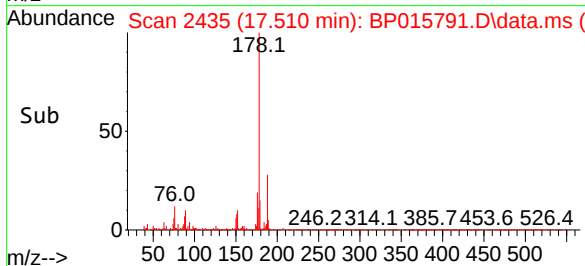
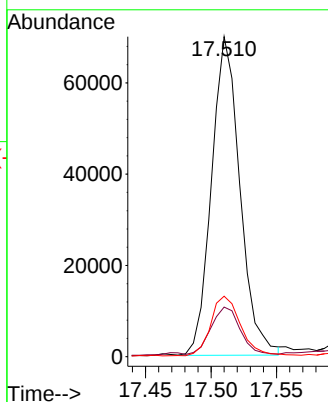
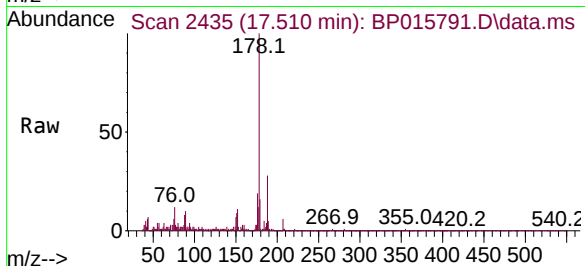
Tgt Ion:178 Resp: 10544
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.4 18.6
 176 18.9 15.6 23.4

Manual Integrations

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#80

Fluoranthene

Concen: 3.493 ng/ul

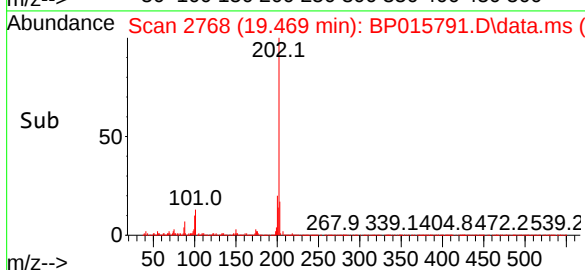
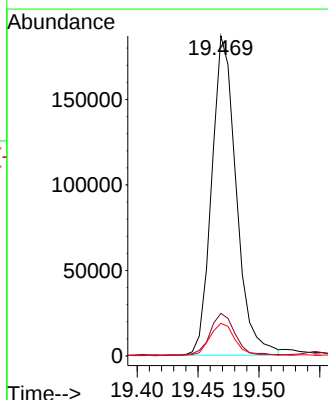
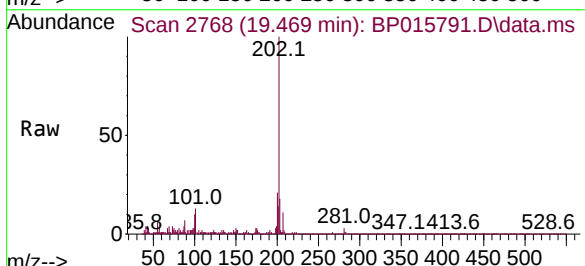
RT: 19.469 min Scan# 2768

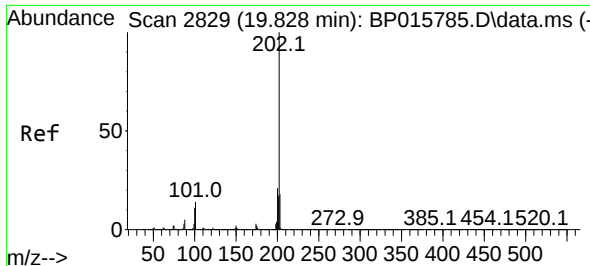
Delta R.T. -0.006 min

Lab File: BP015791.D

Acq: 28 Jun 2023 22:20

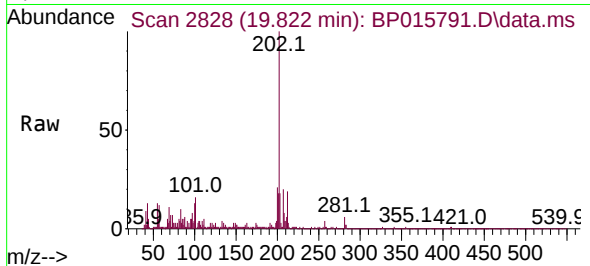
Tgt Ion:202 Resp: 261935
 Ion Ratio Lower Upper
 202 100
 101 13.3 8.3 12.5#
 100 10.2 6.6 9.8#





#82
Pyrene
Concen: 2.820 ng/ul
RT: 19.822 min Scan# 21569
Delta R.T. -0.006 min
Lab File: BP015791.D
Acq: 28 Jun 2023 22:20

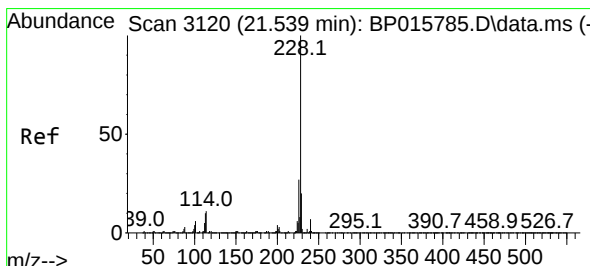
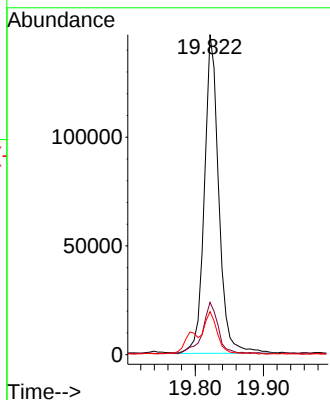
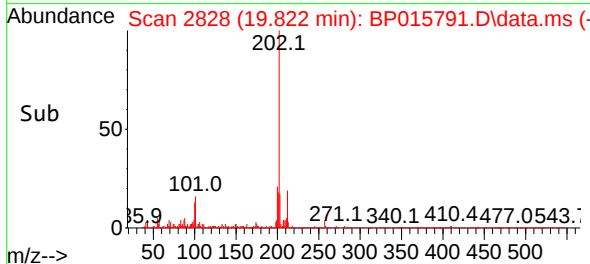
Instrument :
BNA_P
ClientSampleId :
DCFS6



Tgt Ion:202 Resp: 21569
Ion Ratio Lower Upper
202 100
101 16.4 9.3 13.9
100 13.4 7.6 11.4

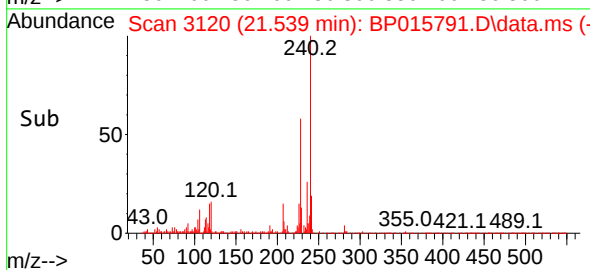
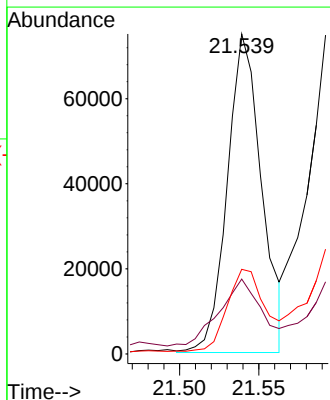
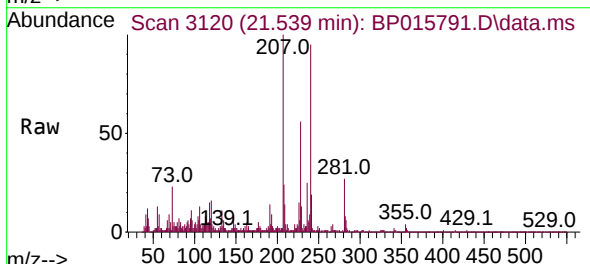
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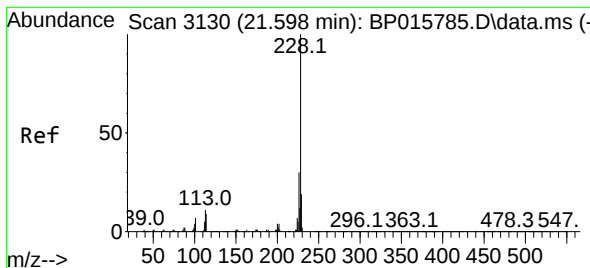
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#85
Benzo(a)anthracene
Concen: 1.738 ng/ul m
RT: 21.539 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BP015791.D
Acq: 28 Jun 2023 22:20

Tgt Ion:228 Resp: 112979
Ion Ratio Lower Upper
228 100
229 23.4 15.3 22.9
226 26.5 21.4 32.0





#87

Chrysene

Concen: 2.277 ng/ul

RT: 21.598 min Scan# 3130

Delta R.T. -0.000 min

Lab File: BP015791.D

Acq: 28 Jun 2023 22:20

Instrument :

BNA_P

ClientSampleId :

DCFS6

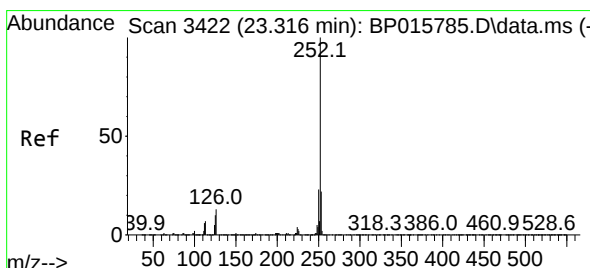
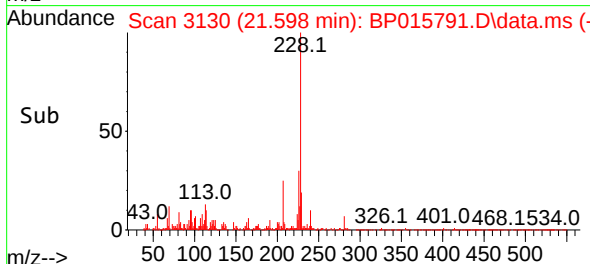
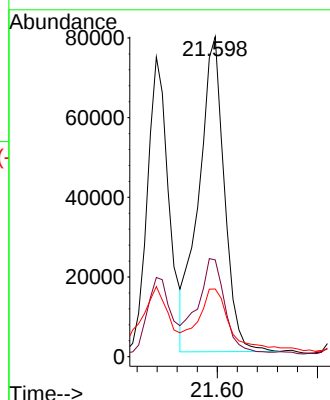
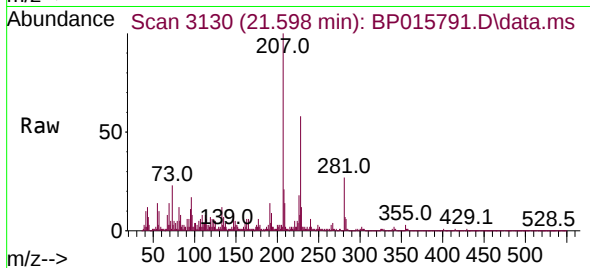
Tgt Ion:228 Resp: 140420
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.3 36.5
 229 21.1 15.5 23.3

Manual Integrations

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Supervised By :mohammad ahmed 06/29/2023



#90

Benzo(b)fluoranthene

Concen: 3.120 ng/ul

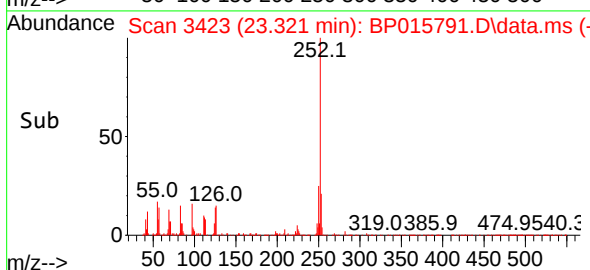
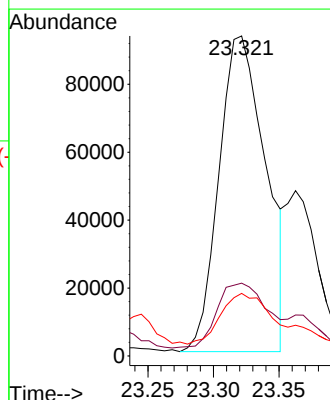
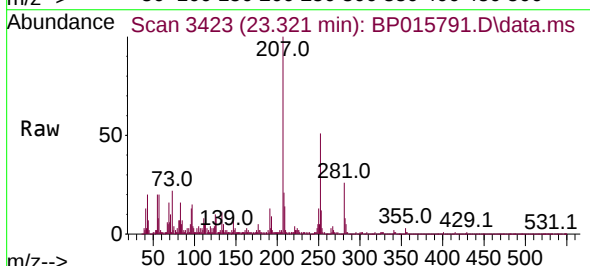
RT: 23.321 min Scan# 3423

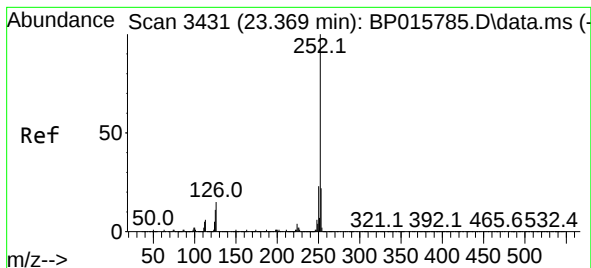
Delta R.T. 0.006 min

Lab File: BP015791.D

Acq: 28 Jun 2023 22:20

Tgt Ion:252 Resp: 230566
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.3 25.9
 125 19.5 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 1.095 ng/ul m

RT: 23.363 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP015791.D

Acq: 28 Jun 2023 22:20

Instrument :

BNA_P

ClientSampleId :

DCFS6

Tgt Ion:252 Resp: 81734

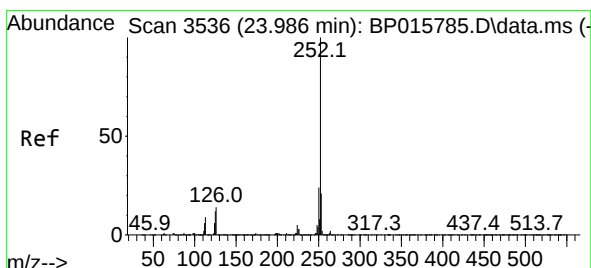
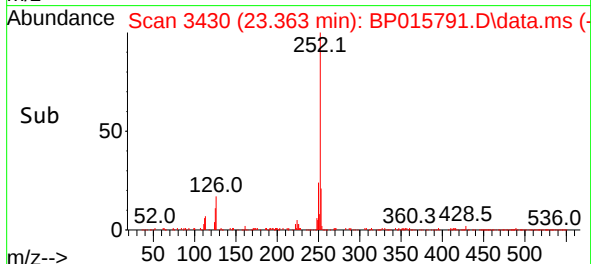
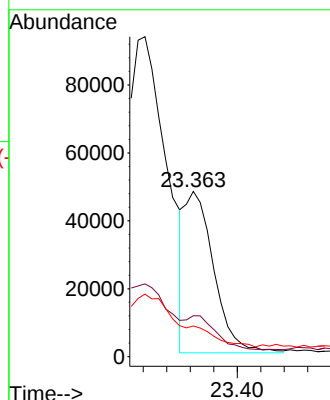
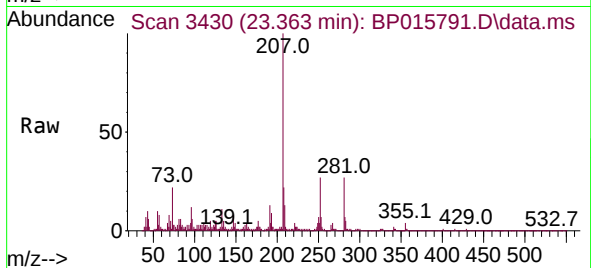
Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.0	25.4
125	18.6	7.3	10.9

Manual Integrations

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Supervised By :mohammad ahmed 06/29/2023



#93

Benzo(a)pyrene

Concen: 2.227 ng/ul

RT: 23.986 min Scan# 3536

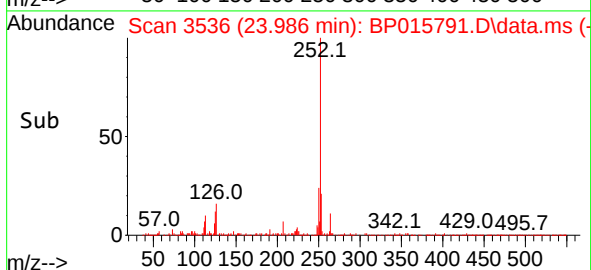
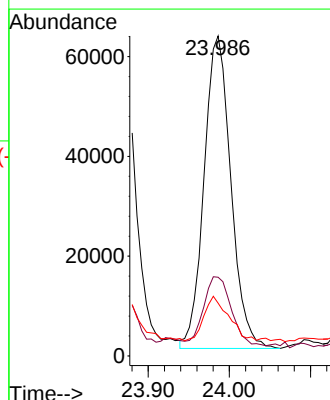
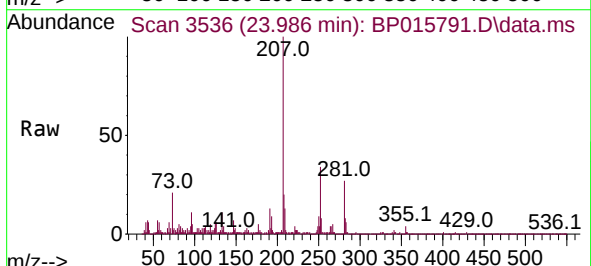
Delta R.T. -0.000 min

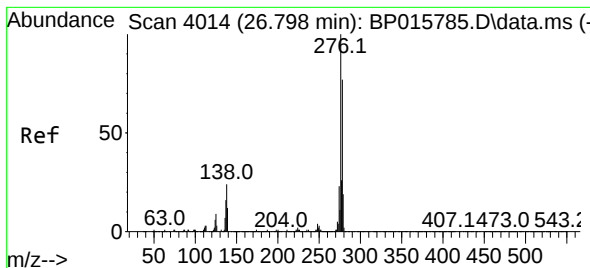
Lab File: BP015791.D

Acq: 28 Jun 2023 22:20

Tgt Ion:252 Resp: 143804

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.7	26.5
125	16.5	8.2	12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.488 ng/ul

RT: 26.810 min Scan# 4014

Delta R.T. 0.012 min

Lab File: BP015791.D

Acq: 28 Jun 2023 22:20

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ClientSampleId :

DCFS6

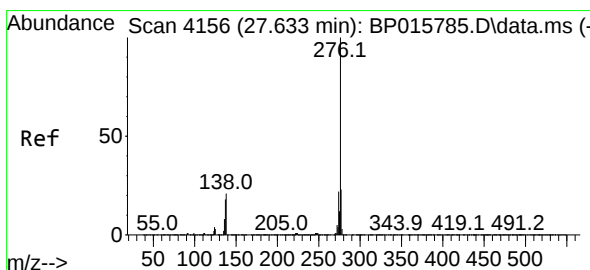
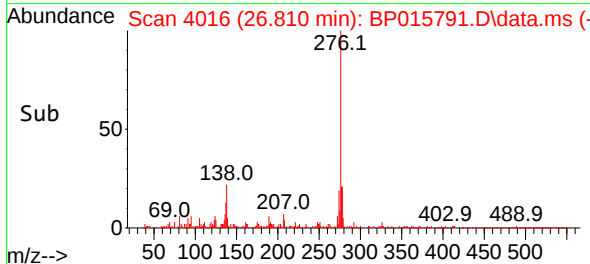
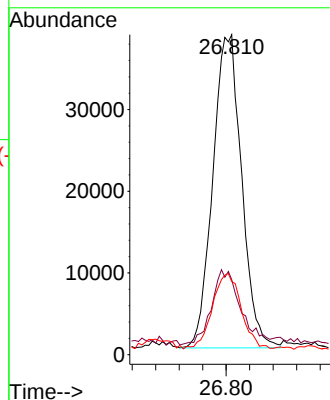
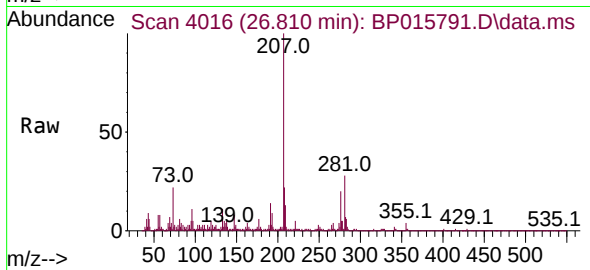
Tgt Ion:	276	Resp:	130450
Ion Ratio	Lower	Upper	
276	100		
138	23.4	15.7	23.5
277	22.9	19.6	29.4

Manual Integrations

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Supervised By :mohammad ahmed 06/29/2023



#96

Benzo(g,h,i)perylene

Concen: 1.691 ng/ul

RT: 27.639 min Scan# 4157

Delta R.T. 0.006 min

Lab File: BP015791.D

Acq: 28 Jun 2023 22:20

Tgt Ion:	276	Resp:	121933
Ion Ratio	Lower	Upper	
276	100		
138	25.4	15.1	22.7#
277	26.0	18.8	28.2

