

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
 Data File : BP015739.D
 Acq On : 27 Jun 2023 10:42
 Operator : MA/JU
 Sample : 03101-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZEL6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2023
 Supervised By :mohammad ahmed 06/28/2023

Quant Time: Jun 28 03:25:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	118060	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	428076	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	234393	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	484122	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	526111	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	655063	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	9792	2.984	ng/uL	0.00
4) Pyridine-d5	3.840	84	73089	8.836	ng/u1	0.01
7) Phenol-d5	7.240	99	142763	14.133	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.387	67	93034	14.887	ng/u1	0.00
11) 2-Chlorophenol-d4	7.593	132	119721	15.701	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	102565	12.853	ng/u1	0.01
21) Nitrobenzene-d5	9.258	128	49157	15.026	ng/u1	0.01
24) 2-Nitrophenol-d4	9.987	143	57851	15.151	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.557	165	91828	13.496	ng/u1	0.04
31) 4-Chloroaniline-d4	11.069	131	104770	11.987	ng/u1	0.03
46) Dimethylphthalate-d6	14.128	166	303525	16.754	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	347092	17.043	ng/u1	0.00
54) 4-Nitrophenol-d4	15.028	143	22012m	9.207	ng/u1	0.08
60) Fluorene-d10	15.716	176	257210	17.242	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.887	200	22642	7.605	ng/u1	0.03
73) Anthracene-d10	17.581	188	378929	17.135	ng/u1	0.00
81) Pyrene-d10	19.804	212	523394	15.235	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	620801	18.787	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.516	178	68477	2.604	ng/u1	99
80) Fluoranthene	19.480	202	178507	4.181	ng/u1	98
82) Pyrene	19.833	202	151403	3.476	ng/u1	98
85) Benzo(a)anthracene	21.551	228	70298	1.899	ng/u1	96
87) Chrysene	21.604	228	84519	2.407	ng/u1	97
90) Benzo(b)fluoranthene	23.333	252	120410	2.861	ng/u1	98
91) Benzo(k)fluoranthene	23.374	252	42900m	1.009	ng/u1	
93) Benzo(a)pyrene	23.998	252	74164	2.017	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	26.815	276	64376m	1.289	ng/u1	
96) Benzo(g,h,i)perylene	27.657	276	62702	1.527	ng/u1	94

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

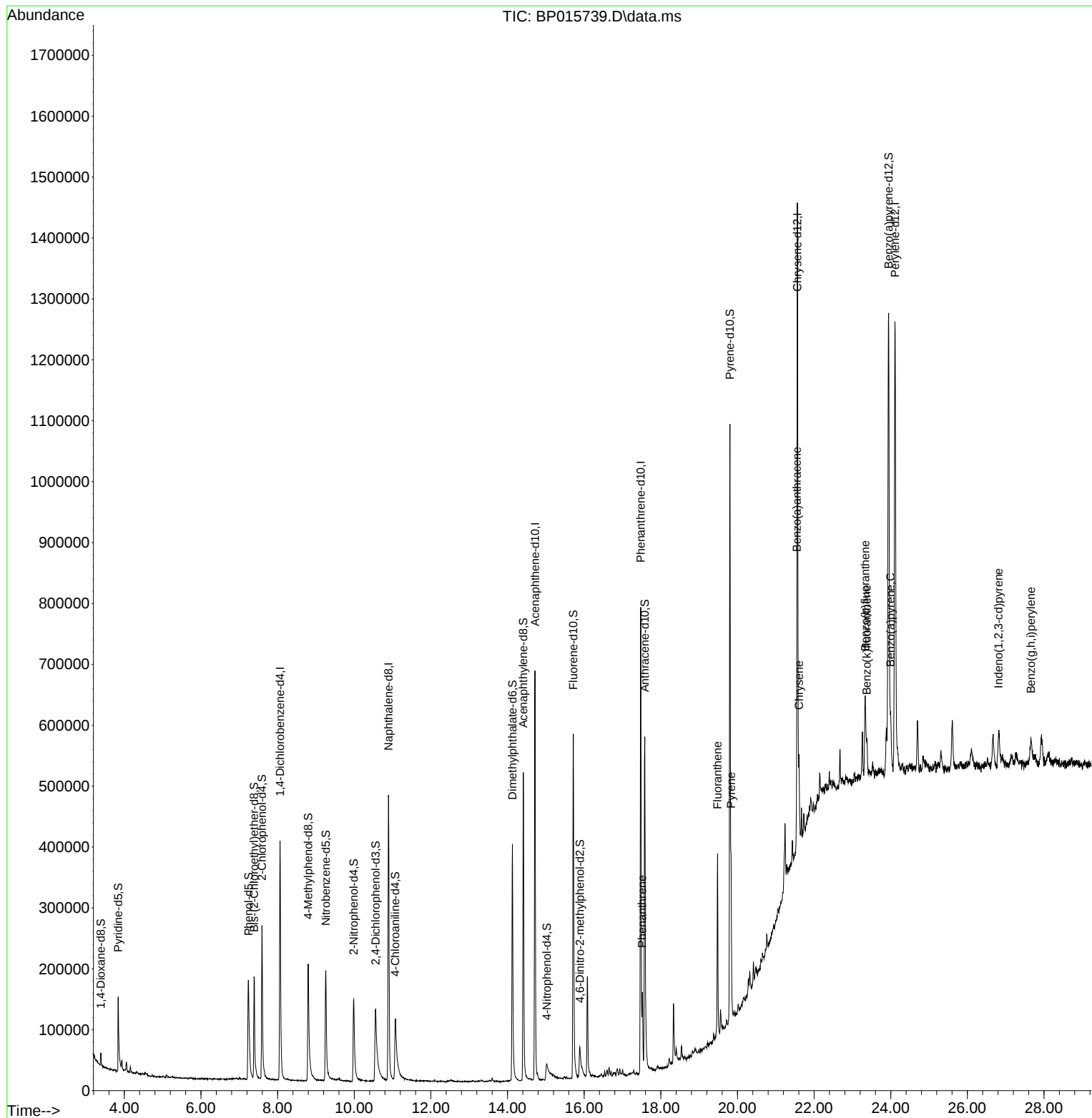
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
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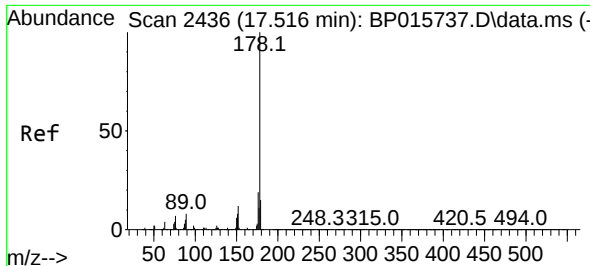
Instrument :
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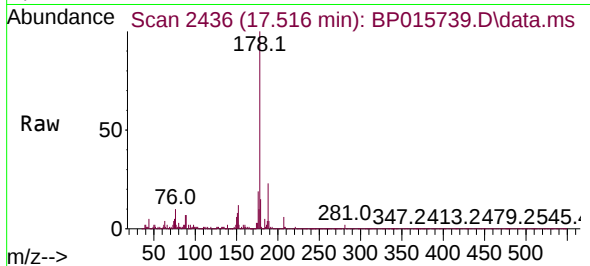
Reviewed By :Yogesh Patel 06/28/2023
 Supervised By :mohammad ahmed 06/28/2023





#72
Phenanthrene
Concen: 2.604 ng/ul
RT: 17.516 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BP015739.D
Acq: 27 Jun 2023 10:42

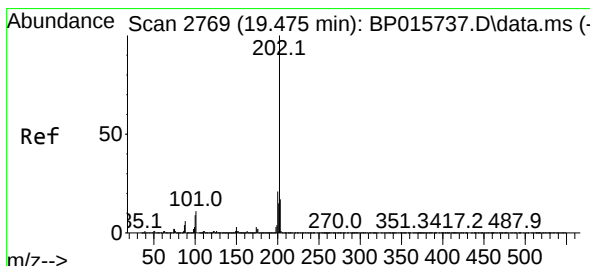
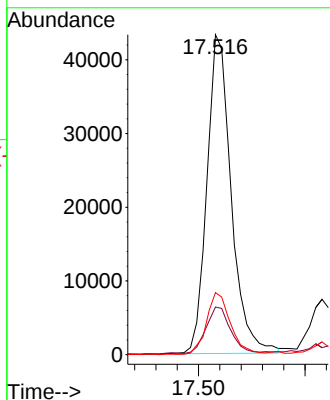
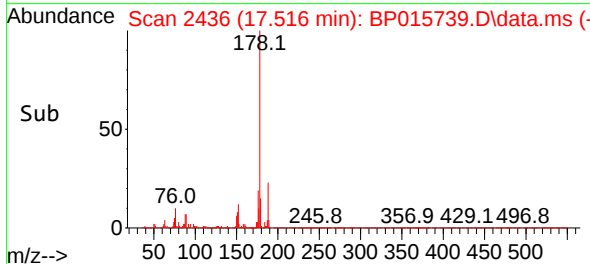
Instrument :
BNA_P
ClientSampleId :
EZEL6



Tgt Ion:178 Resp: 6847
Ion Ratio Lower Upper
178 100
179 14.9 12.4 18.6
176 19.4 15.6 23.4

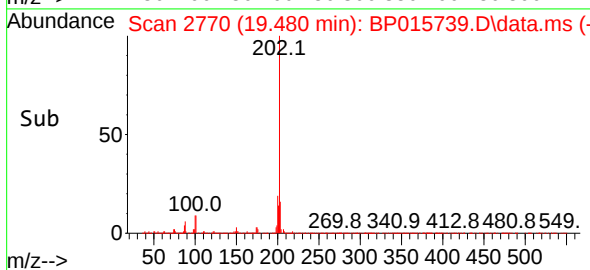
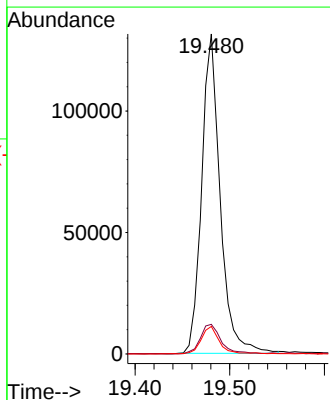
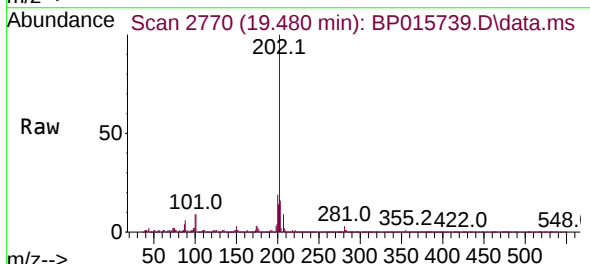
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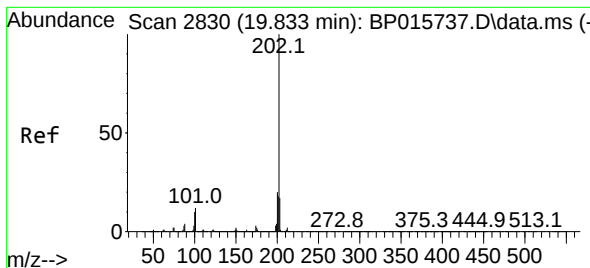
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/28/2023



#80
Fluoranthene
Concen: 4.181 ng/ul
RT: 19.480 min Scan# 2770
Delta R.T. 0.006 min
Lab File: BP015739.D
Acq: 27 Jun 2023 10:42

Tgt Ion:202 Resp: 178507
Ion Ratio Lower Upper
202 100
101 9.3 8.3 12.5
100 8.6 6.6 9.8





#82

Pyrene

Concen: 3.476 ng/ul

RT: 19.833 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015739.D

Acq: 27 Jun 2023 10:42

Instrument :

BNA_P

ClientSampleId :

EZEL6

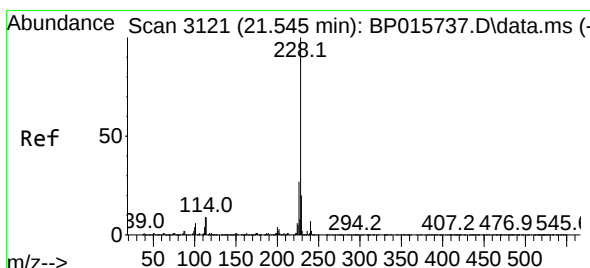
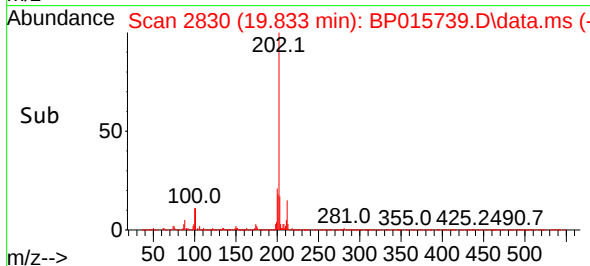
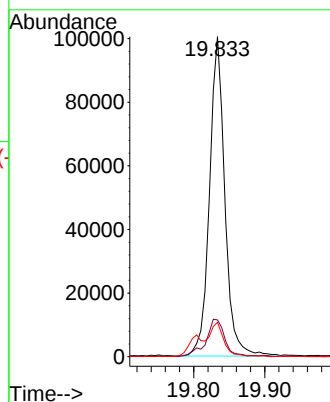
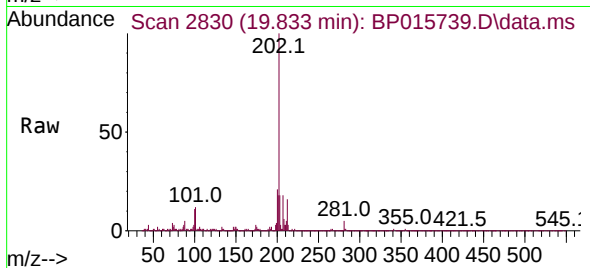
Tgt Ion:	202	Resp:	15140
Ion Ratio	Lower	Upper	
202	100		
101	11.5	9.3	13.9
100	10.7	7.6	11.4

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 1.899 ng/ul

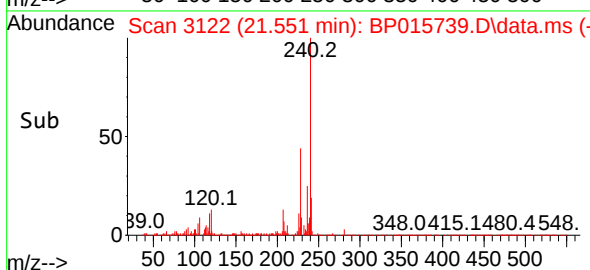
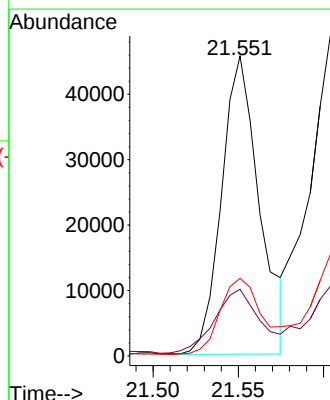
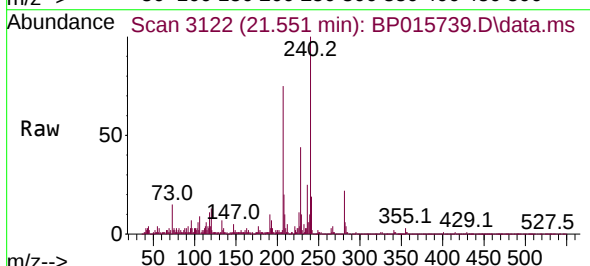
RT: 21.551 min Scan# 3122

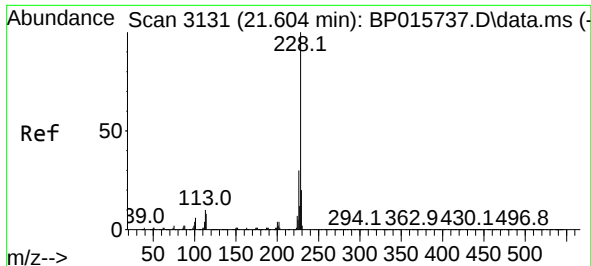
Delta R.T. 0.006 min

Lab File: BP015739.D

Acq: 27 Jun 2023 10:42

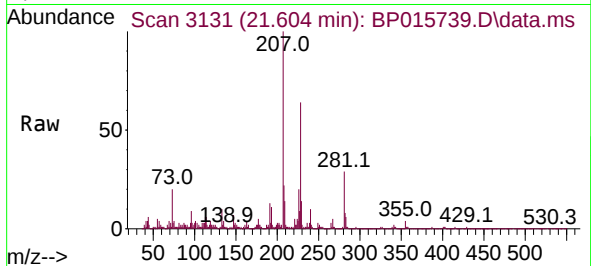
Tgt Ion:	228	Resp:	70298
Ion Ratio	Lower	Upper	
228	100		
229	22.2	15.3	22.9
226	25.9	21.4	32.0





#87
Chrysene
Concen: 2.407 ng/ul
RT: 21.604 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BP015739.D
Acq: 27 Jun 2023 10:42

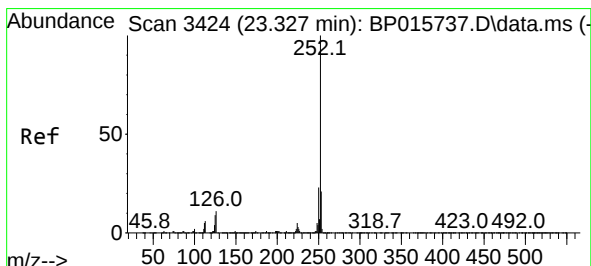
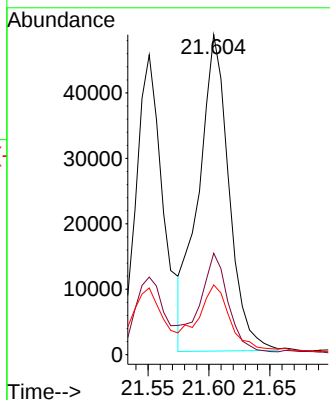
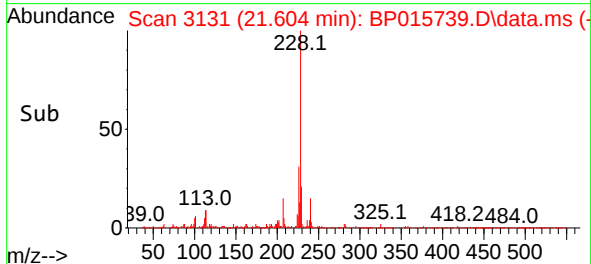
Instrument :
BNA_P
ClientSampleId :
EZEL6



Tgt Ion:228 Resp: 84519
Ion Ratio Lower Upper
228 100
226 31.7 24.3 36.5
229 21.8 15.5 23.3

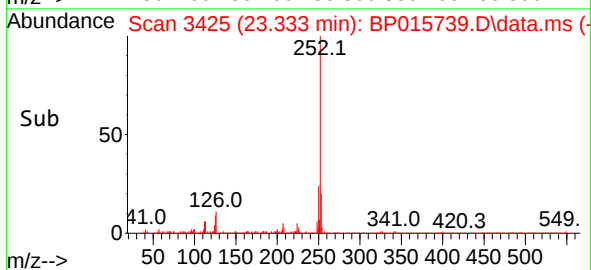
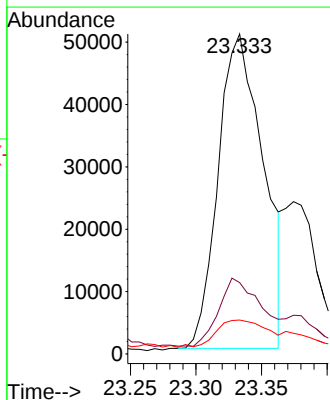
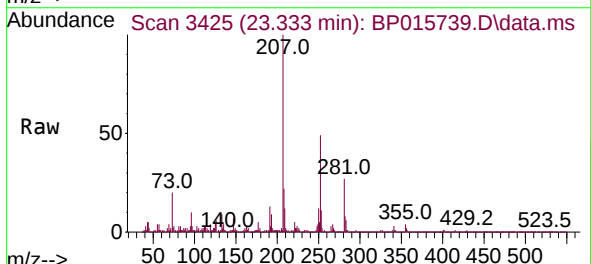
Manual Integrations
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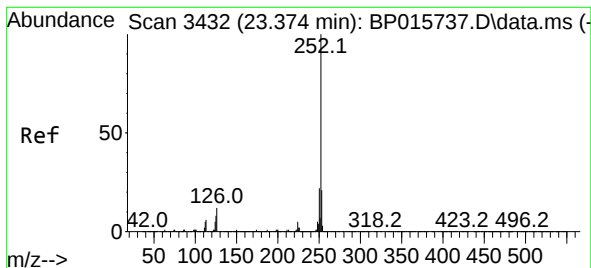
Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/28/2023



#90
Benzo(b)fluoranthene
Concen: 2.861 ng/ul
RT: 23.333 min Scan# 3425
Delta R.T. 0.006 min
Lab File: BP015739.D
Acq: 27 Jun 2023 10:42

Tgt Ion:252 Resp: 120410
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 10.6 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 1.009 ng/ul m

RT: 23.374 min Scan# 3432

Delta R.T. -0.006 min

Lab File: BP015739.D

Acq: 27 Jun 2023 10:42

Instrument :

BNA_P

ClientSampleId :

EZEL6

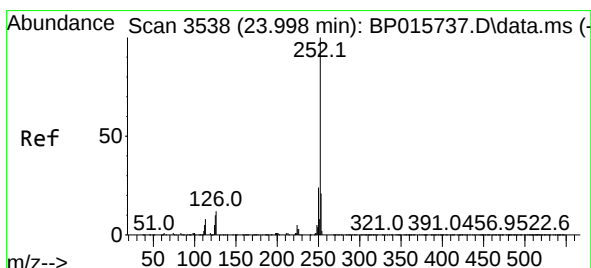
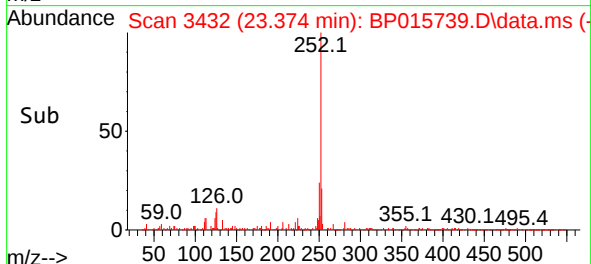
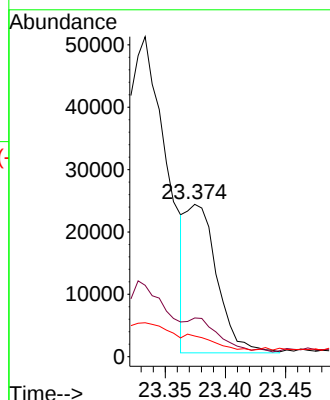
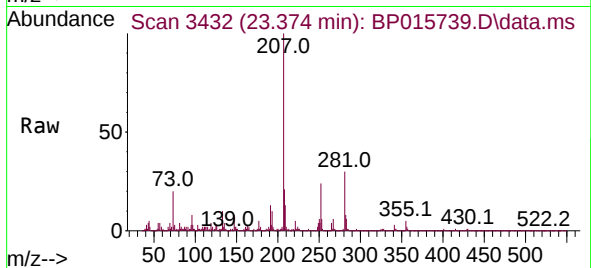
Tgt Ion:	252	Resp:	42900
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.0	25.4
125	13.5	7.3	10.9

Manual Integrations

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Supervised By :mohammad ahmed 06/28/2023



#93

Benzo(a)pyrene

Concen: 2.017 ng/ul

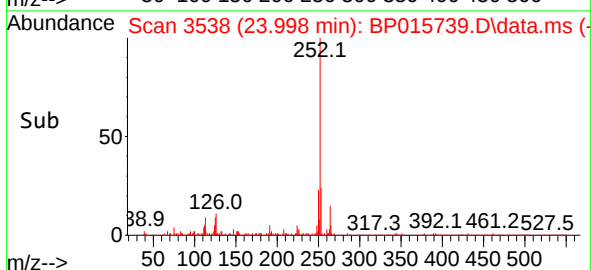
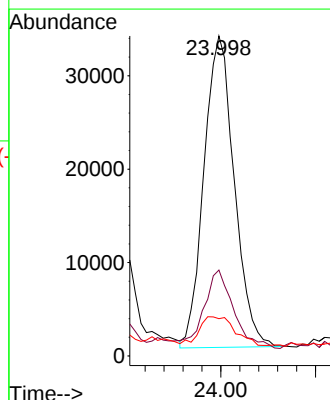
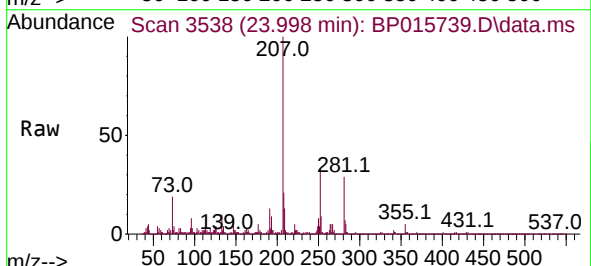
RT: 23.998 min Scan# 3538

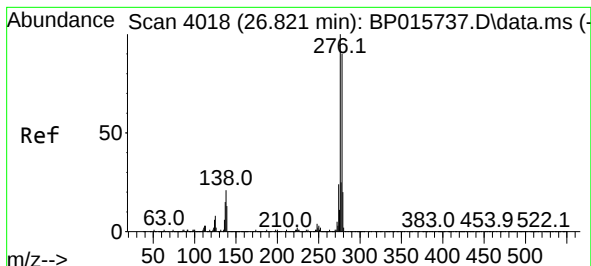
Delta R.T. -0.006 min

Lab File: BP015739.D

Acq: 27 Jun 2023 10:42

Tgt Ion:	252	Resp:	74164
Ion Ratio	Lower	Upper	
252	100		
253	26.9	17.7	26.5
125	11.6	8.2	12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.289 ng/ul m

RT: 26.815 min Scan# 4018

Delta R.T. 0.000 min

Lab File: BP015739.D

Acq: 27 Jun 2023 10:42

Instrument :

BNA_P

ClientSampleId :

EZEL6

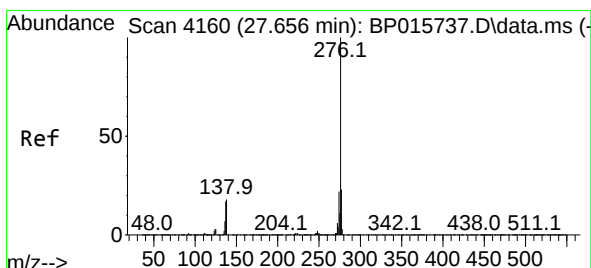
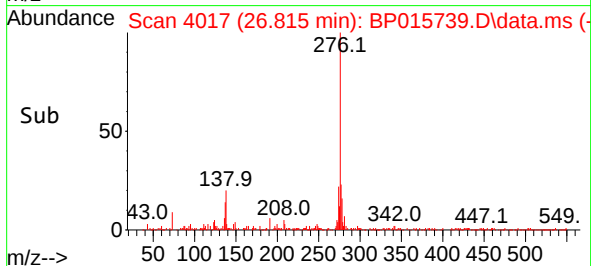
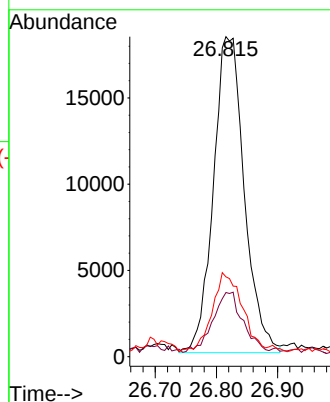
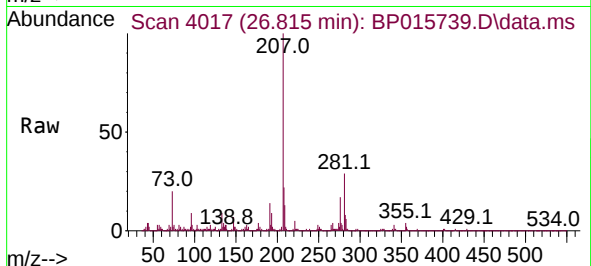
Tgt Ion:	276	Resp:	64370
Ion Ratio	Lower	Upper	
276	100		
138	20.1	15.7	23.5
277	24.9	19.6	29.4

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 06/28/2023



#96

Benzo(g,h,i)perylene

Concen: 1.527 ng/ul

RT: 27.657 min Scan# 4160

Delta R.T. 0.000 min

Lab File: BP015739.D

Acq: 27 Jun 2023 10:42

Tgt Ion:	276	Resp:	62702
Ion Ratio	Lower	Upper	
276	100		
138	21.3	15.1	22.7
277	26.4	18.8	28.2

