

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082523\
 Data File : BP016759.D
 Acq On : 25 Aug 2023 22:53
 Operator : MA/JU
 Sample : 04037-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EYZE2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/26/2023
 Supervised By :mohammad ahmed 08/26/2023

Quant Time: Aug 26 00:05:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 01:47:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	355073	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	1518532	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.693	164	936623	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	2004530	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	1509544	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	1302647	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	33502	3.900	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.181	99	154309	4.887	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	311019	15.456	ng/ul	0.00
11) 2-Chlorophenol-d4	7.558	132	27596	1.162	ng/ul	0.00
15) 4-Methylphenol-d8	8.740	113	101562	3.940	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	184497	16.069	ng/ul	0.00
24) 2-Nitrophenol-d4	9.952	143	1978	0.163	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	5086	0.225	ng/ul	0.00
31) 4-Chloroaniline-d4	11.022	131	412938	11.934	ng/ul	0.00
46) Dimethylphthalate-d6	14.099	166	1024671	14.507	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	1419749	17.780	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	207	0.014	ng/ul	0.00
60) Fluorene-d10	15.687	176	1071977	18.022	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	186	0.016	ng/ul	0.00
73) Anthracene-d10	17.557	188	1513841	17.038	ng/ul	0.00
81) Pyrene-d10	19.792	212	1752082	21.133	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	1161983	17.808	ng/ul	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.887	105	49136	1.229	ng/ul	99
80) Fluoranthene	19.463	202	184857	1.856	ng/ul	98
82) Pyrene	19.822	202	333962	3.246	ng/ul	99
85) Benzo(a)anthracene	21.539	228	106038m	1.020	ng/ul	
87) Chrysene	21.592	228	385537m	4.082	ng/ul	
90) Benzo(b)fluoranthene	23.327	252	272994	3.282	ng/ul#	49
91) Benzo(k)fluoranthene	23.380	252	89513m	1.088	ng/ul	
93) Benzo(a)pyrene	24.016	252	99148	1.318	ng/ul#	5
94) Indeno(1,2,3-cd)pyrene	26.863	276	119951	1.560	ng/ul#	83
96) Benzo(g,h,i)perylene	27.721	276	135916	2.332	ng/ul#	78

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

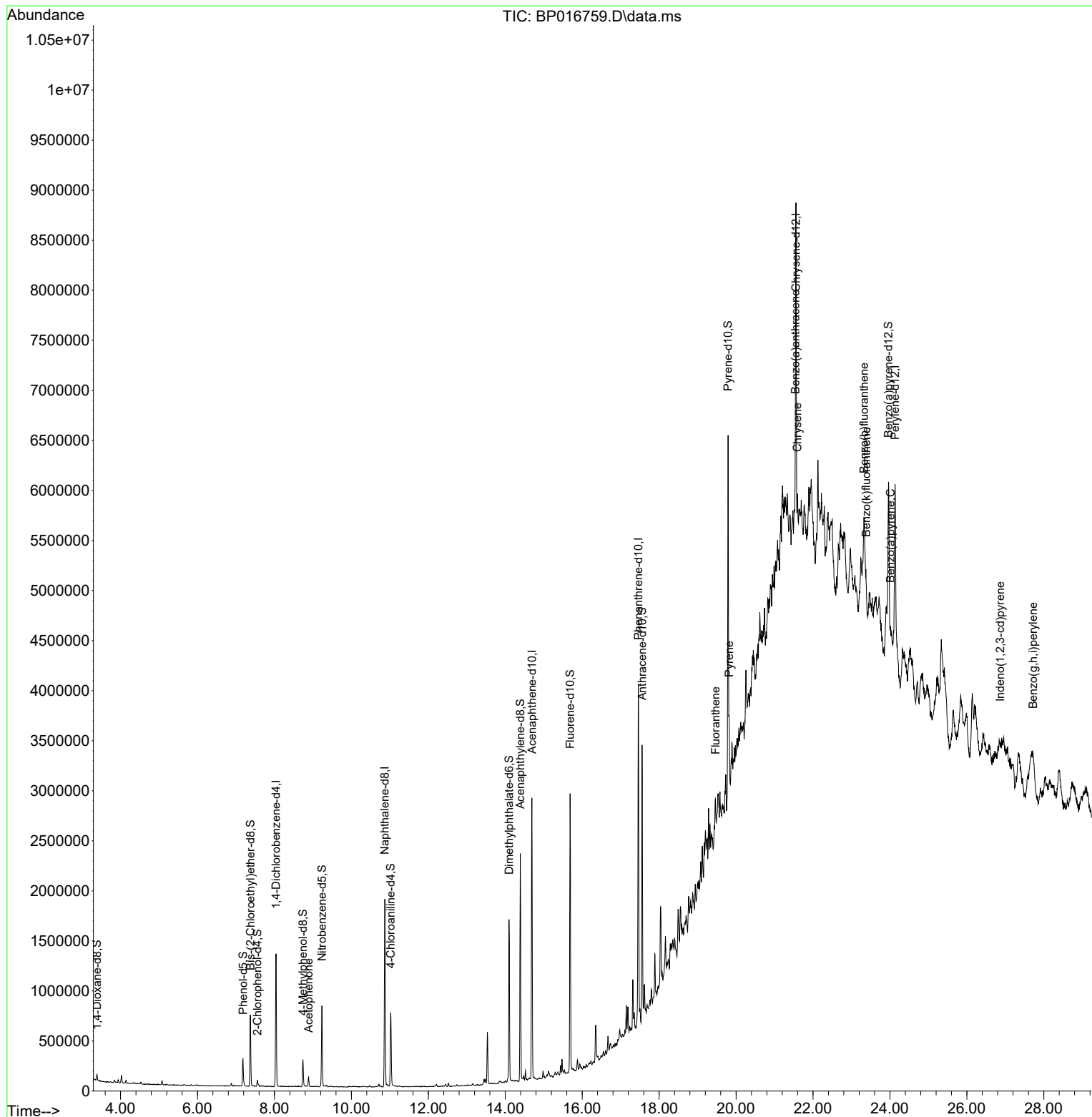
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082523\
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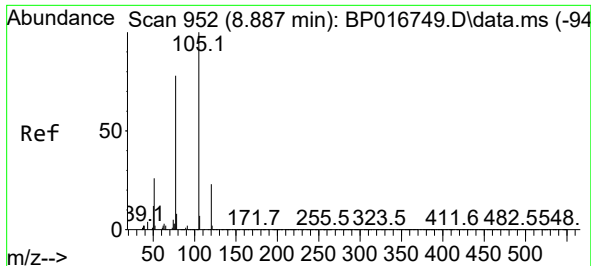
Instrument :
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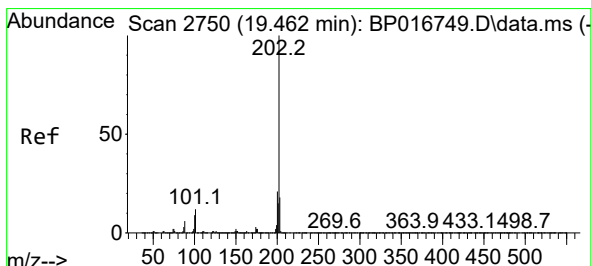
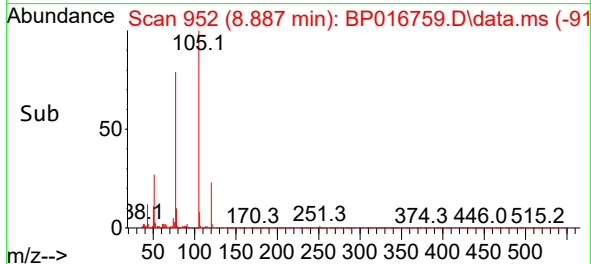
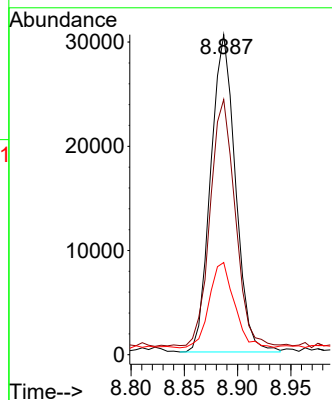
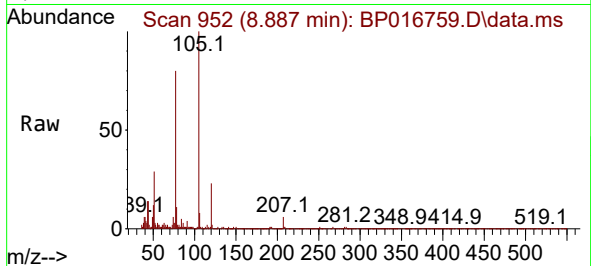
#16
Acetophenone
Concen: 1.229 ng/ul
RT: 8.887 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP016759.D
Acq: 25 Aug 2023 22:53

Instrument :
BNA_P
ClientSampleId :
EZY2

Tgt Ion	Ratio	Lower	Upper
105	100		
77	79.8	64.2	96.4
51	28.8	22.2	33.4

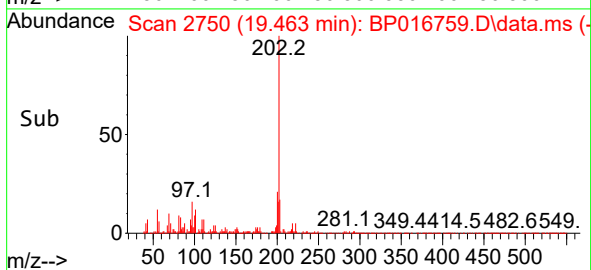
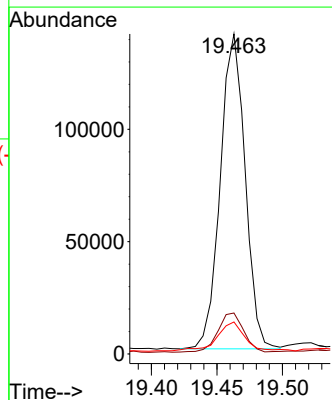
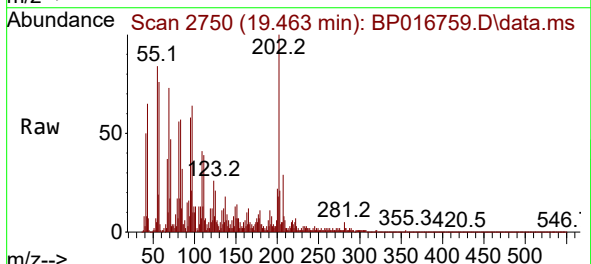
Manual Integrations
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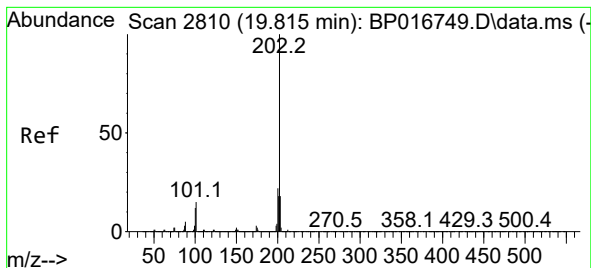
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#80
Fluoranthene
Concen: 1.856 ng/ul
RT: 19.463 min Scan# 2750
Delta R.T. 0.000 min
Lab File: BP016759.D
Acq: 25 Aug 2023 22:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.7	14.5
100	10.0	7.4	11.2





#82

Pyrene

Concen: 3.246 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016759.D

Acq: 25 Aug 2023 22:53

Instrument :

BNA_P

ClientSampleId :

EZY2

Tgt Ion:202 Resp: 33396

Ion Ratio Lower Upper

202 100

101 14.5 11.4 17.2

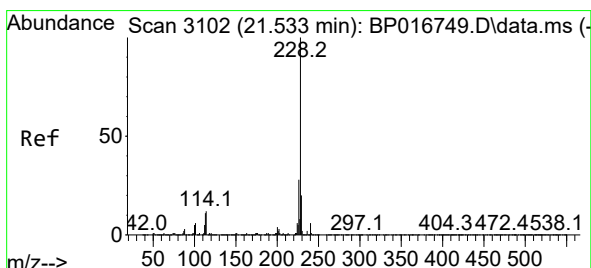
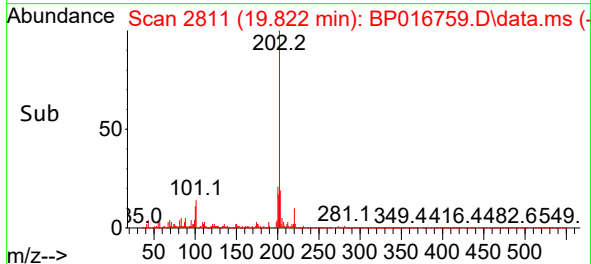
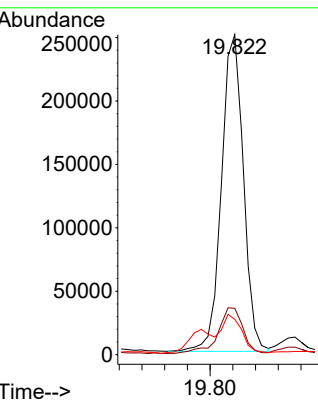
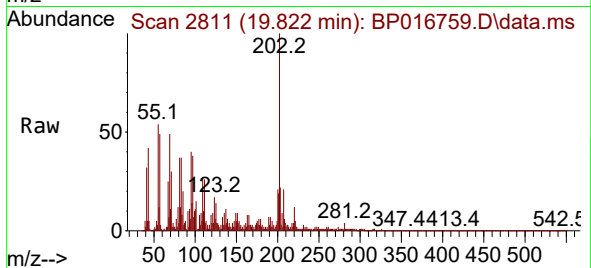
100 11.1 9.4 14.2

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 1.020 ng/ul m

RT: 21.539 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP016759.D

Acq: 25 Aug 2023 22:53

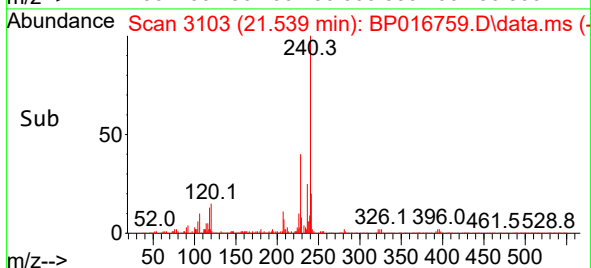
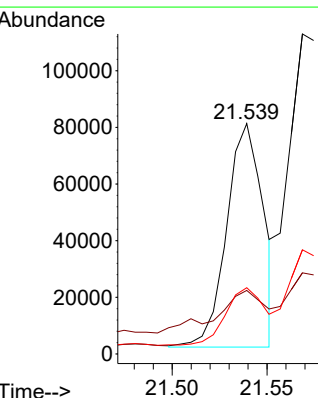
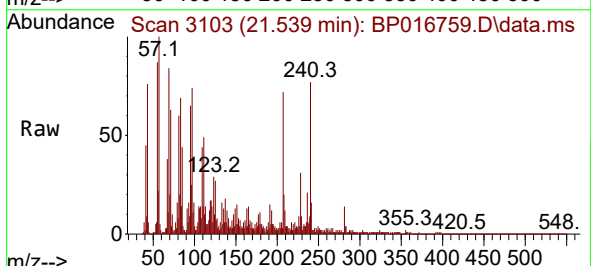
Tgt Ion:228 Resp: 106038

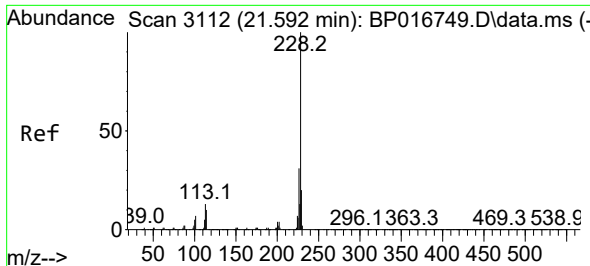
Ion Ratio Lower Upper

228 100

229 27.6 16.2 24.4#

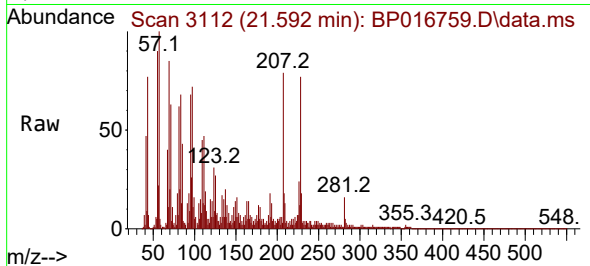
226 28.8 22.9 34.3





#87
Chrysene
Concen: 4.082 ng/ul m
RT: 21.592 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP016759.D
Acq: 25 Aug 2023 22:53

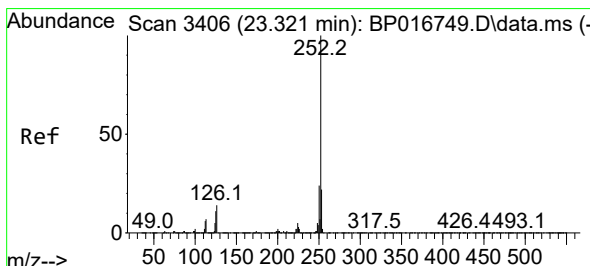
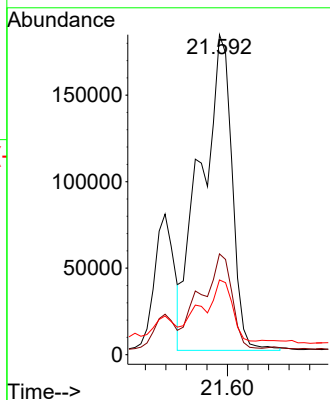
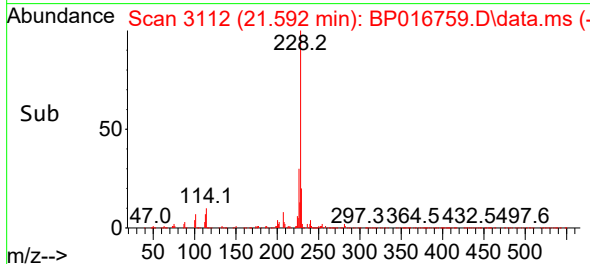
Instrument : BNA_P
ClientSampleId : EZEY2



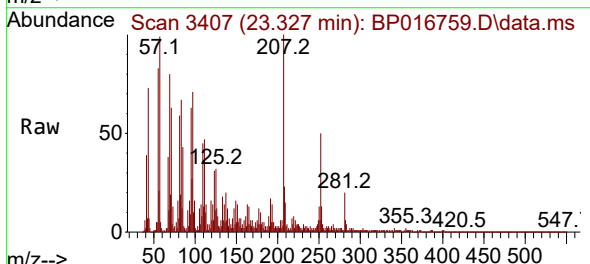
Tgt Ion:228 Resp: 38553
Ion Ratio Lower Upper
228 100
226 31.5 25.0 37.4
229 23.3 16.0 24.0

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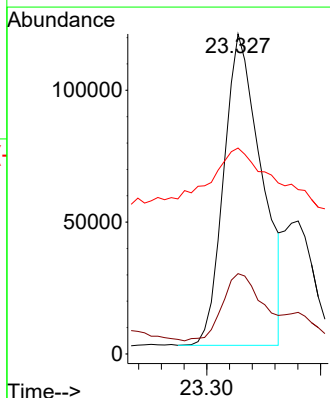
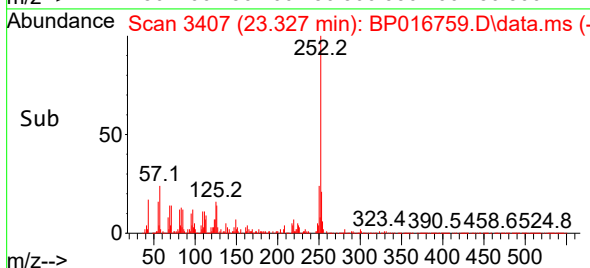
Reviewed By :Yogesh Patel 08/26/2023
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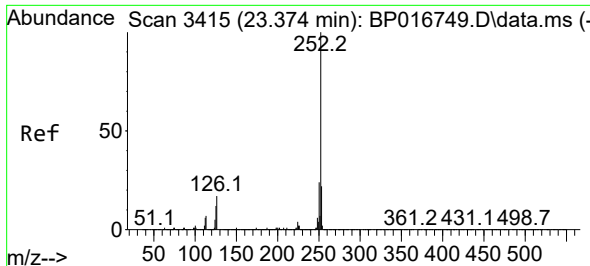


#90
Benzo(b)fluoranthene
Concen: 3.282 ng/ul
RT: 23.327 min Scan# 3407
Delta R.T. 0.000 min
Lab File: BP016759.D
Acq: 25 Aug 2023 22:53



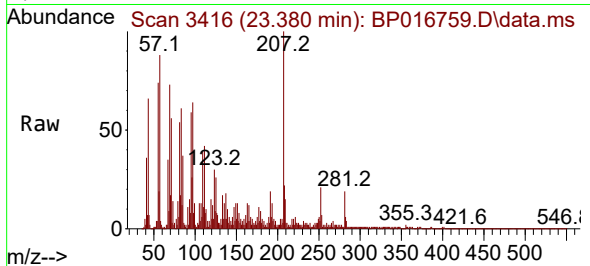
Tgt Ion:252 Resp: 272994
Ion Ratio Lower Upper
252 100
253 25.1 17.7 26.5
125 64.3 9.0 13.4#





#91
Benzo(k)fluoranthene
Concen: 1.088 ng/ul m
RT: 23.380 min Scan# 3415
Delta R.T. 0.000 min
Lab File: BP016759.D
Acq: 25 Aug 2023 22:53

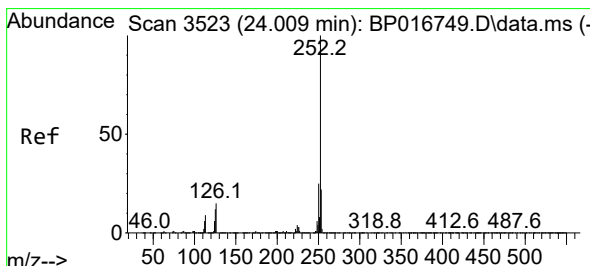
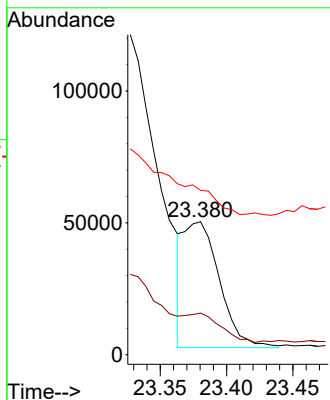
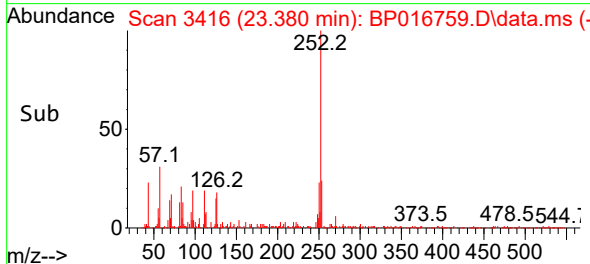
Instrument :
BNA_P
ClientSampleId :
EZY2



Tgt Ion:252 Resp: 8951
Ion Ratio Lower Upper
252 100
253 31.3 18.1 27.1#
125 123.5 8.9 13.3#

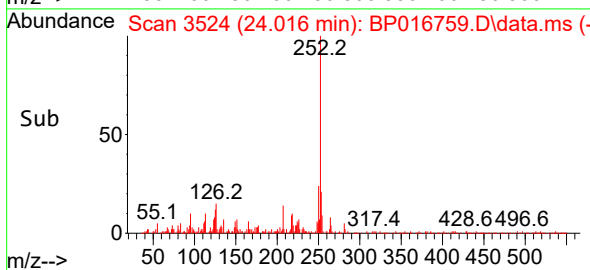
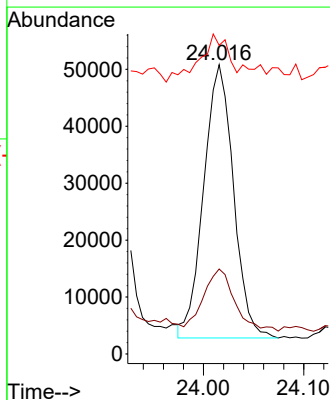
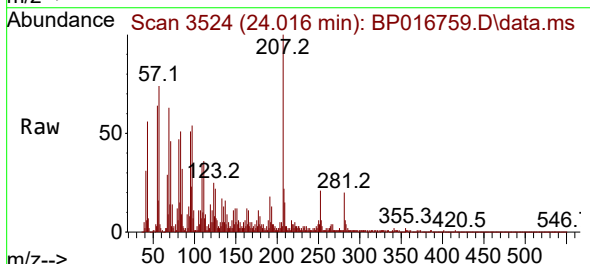
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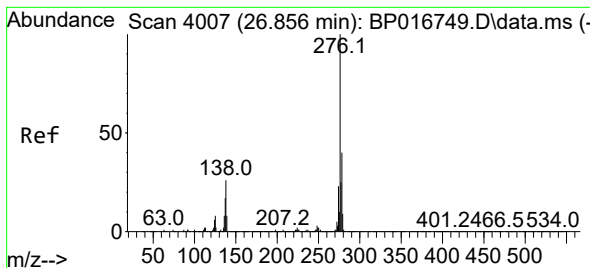
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#93
Benzo(a)pyrene
Concen: 1.318 ng/ul
RT: 24.016 min Scan# 3524
Delta R.T. 0.000 min
Lab File: BP016759.D
Acq: 25 Aug 2023 22:53

Tgt Ion:252 Resp: 99148
Ion Ratio Lower Upper
252 100
253 29.4 17.8 26.8#
125 106.7 9.9 14.9#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.560 ng/ul

RT: 26.863 min Scan# 4007

Delta R.T. -0.012 min

Lab File: BP016759.D

Acq: 25 Aug 2023 22:53

Instrument :

BNA_P

ClientSampleId :

EZYE2

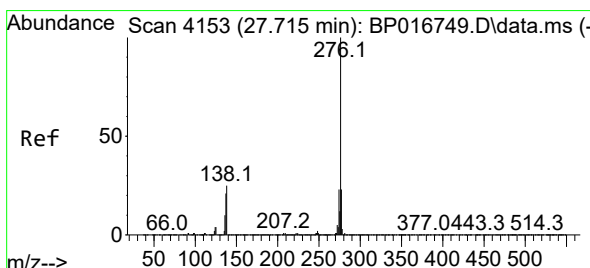
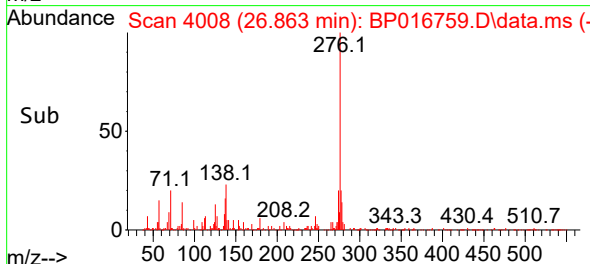
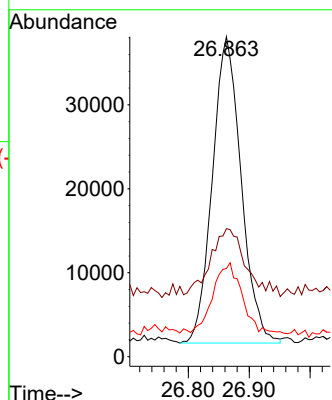
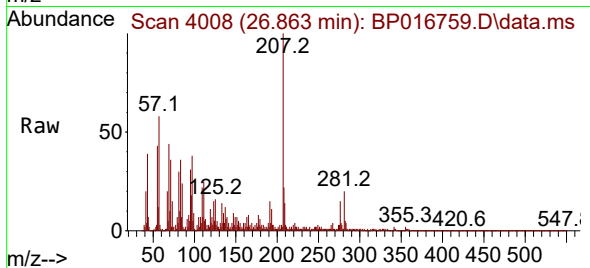
Tgt Ion:	276	Resp:	11995
Ion Ratio	Lower	Upper	
276	100		
138	40.0	20.9	31.3
277	27.6	19.8	29.6

Manual Integrations

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Supervised By :mohammad ahmed 08/26/2023



#96

Benzo(g,h,i)perylene

Concen: 2.332 ng/ul

RT: 27.721 min Scan# 4154

Delta R.T. -0.006 min

Lab File: BP016759.D

Acq: 25 Aug 2023 22:53

Tgt Ion:	276	Resp:	135916
Ion Ratio	Lower	Upper	
276	100		
138	42.4	20.2	30.4
277	28.8	19.3	28.9

