

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016800.D
 Acq On : 28 Aug 2023 19:51
 Operator : MA/JU
 Sample : 04037-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYW6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 01:40:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 01:12:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	408264	20.000	ng/u1	0.00
20) Naphthalene-d8	10.863	136	1762229	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.681	164	1084664	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	2338098	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	1713046	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	1541563	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	42798	4.333	ng/uL	0.00
4) Pyridine-d5	3.834	84	27156	0.900	ng/u1	0.02
7) Phenol-d5	7.169	99	676541	18.636	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	482070	20.835	ng/u1	0.00
11) 2-Chlorophenol-d4	7.552	132	369165	13.525	ng/u1	0.00
15) 4-Methylphenol-d8	8.734	113	373594	12.606	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	295146	22.151	ng/u1	0.00
24) 2-Nitrophenol-d4	9.946	143	100376	7.147	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.469	165	199113	7.605	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	643580	16.028	ng/u1	0.00
46) Dimethylphthalate-d6	14.092	166	1833475	22.415	ng/u1	0.00
49) Acenaphthylene-d8	14.381	160	2195067	23.738	ng/u1	0.00
54) 4-Nitrophenol-d4	14.892	143	31282	1.850	ng/u1	0.00
60) Fluorene-d10	15.675	176	1712951	24.867	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	23907	1.717	ng/u1	0.00
73) Anthracene-d10	17.551	188	2429555	23.443	ng/u1	0.00
81) Pyrene-d10	19.786	212	2861249	30.412	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	1935127	25.060	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.881	105	84834	1.846	ng/u1	98
80) Fluoranthene	19.457	202	249051	2.204	ng/u1	99
82) Pyrene	19.816	202	393808	3.373	ng/u1	98
85) Benzo(a)anthracene	21.533	228	164443	1.394	ng/u1	96
87) Chrysene	21.586	228	426844m	3.982	ng/u1	
90) Benzo(b)fluoranthene	23.321	252	398664	4.050	ng/u1#	83
91) Benzo(k)fluoranthene	23.368	252	97468m	1.001	ng/u1	
93) Benzo(a)pyrene	24.004	252	144710	1.625	ng/u1#	69
94) Indeno(1,2,3-cd)pyrene	26.851	276	178133	1.958	ng/u1	98
96) Benzo(g,h,i)perylene	27.703	276	205588	2.980	ng/u1	94

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

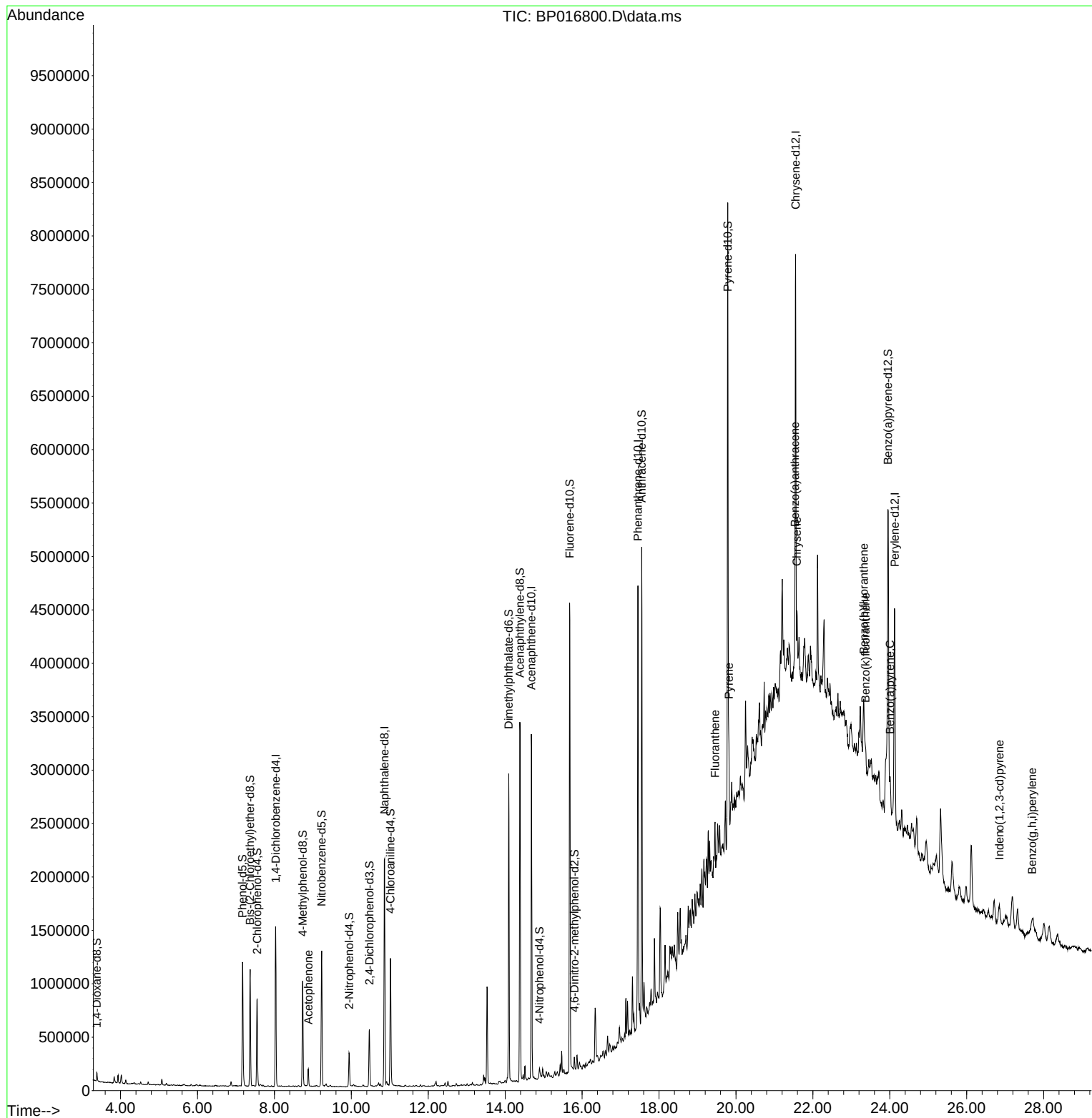
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
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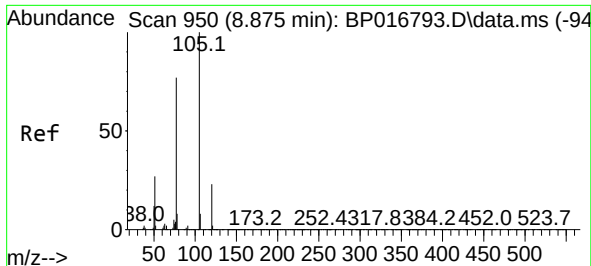
Instrument :
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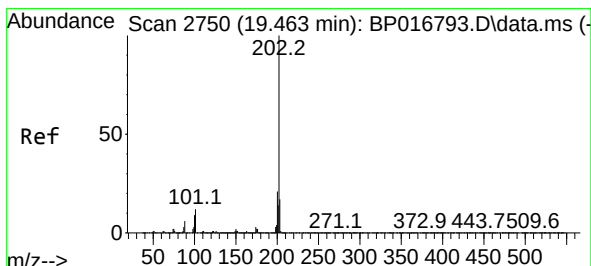
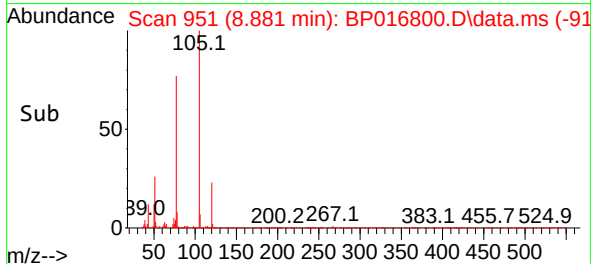
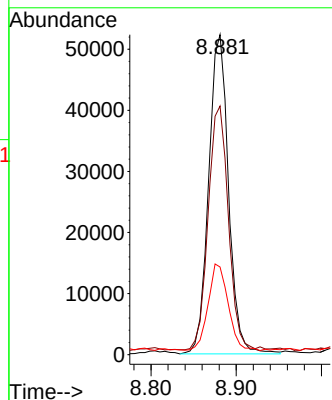
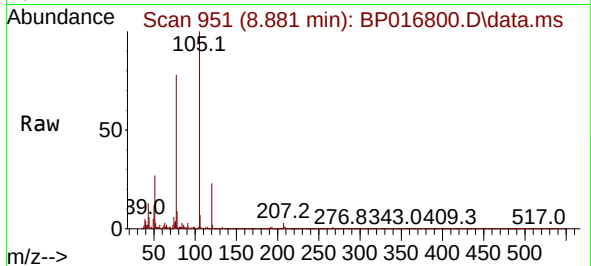
#16
Acetophenone
Concen: 1.846 ng/ul
RT: 8.881 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP016800.D
Acq: 28 Aug 2023 19:51

Instrument :
BNA_P
ClientSampleId :
EZYW6

Tgt Ion:105 Resp: 84834
Ion Ratio Lower Upper
105 100
77 77.7 64.2 96.4
51 27.4 22.2 33.4

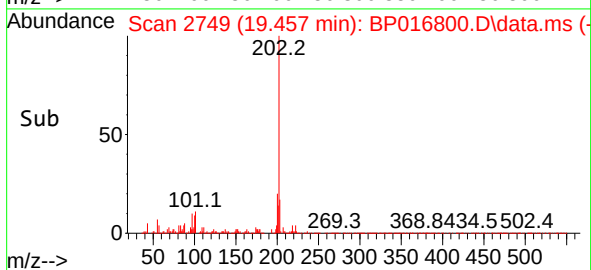
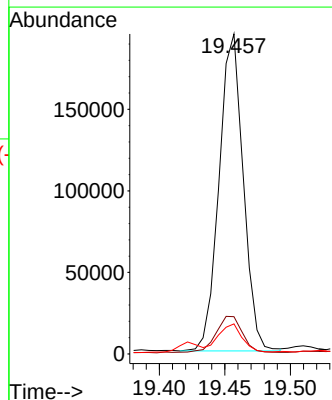
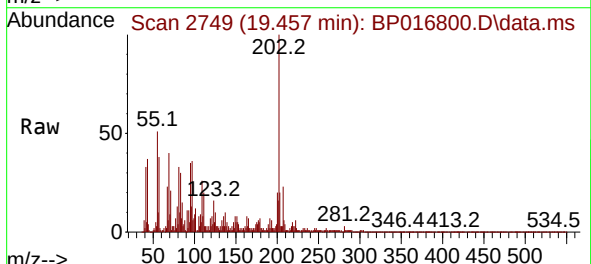
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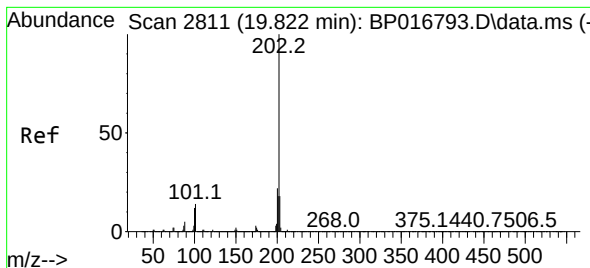
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#80
Fluoranthene
Concen: 2.204 ng/ul
RT: 19.457 min Scan# 2749
Delta R.T. 0.000 min
Lab File: BP016800.D
Acq: 28 Aug 2023 19:51

Tgt Ion:202 Resp: 249051
Ion Ratio Lower Upper
202 100
101 11.6 9.7 14.5
100 9.4 7.4 11.2





#82

Pyrene

Concen: 3.373 ng/ul

RT: 19.816 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016800.D

Acq: 28 Aug 2023 19:51

Instrument :

BNA_P

ClientSampleId :

EZYW6

Tgt Ion:202 Resp: 393808

Ion Ratio Lower Upper

202 100

101 13.4 11.4 17.2

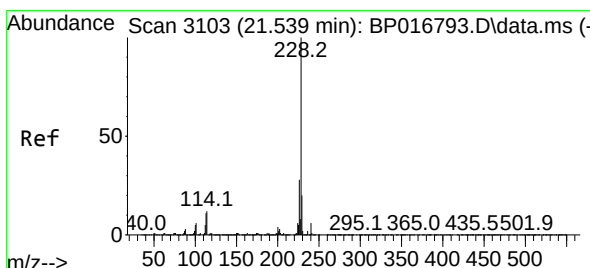
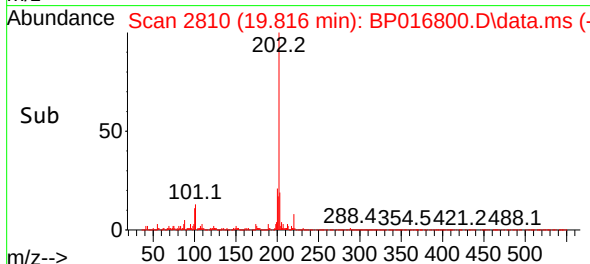
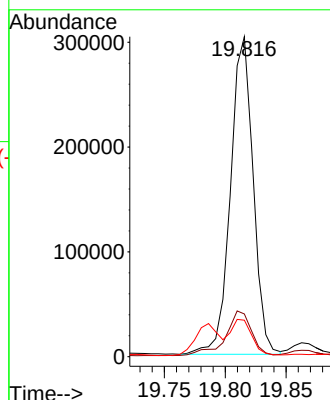
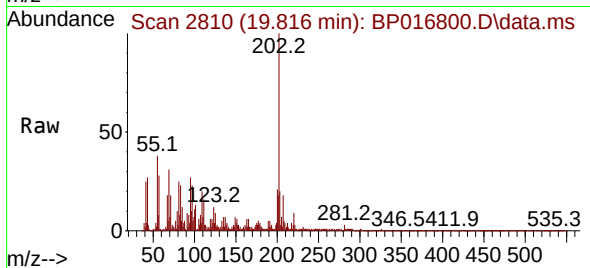
100 11.4 9.4 14.2

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#85

Benzo(a)anthracene

Concen: 1.394 ng/ul

RT: 21.533 min Scan# 3102

Delta R.T. 0.000 min

Lab File: BP016800.D

Acq: 28 Aug 2023 19:51

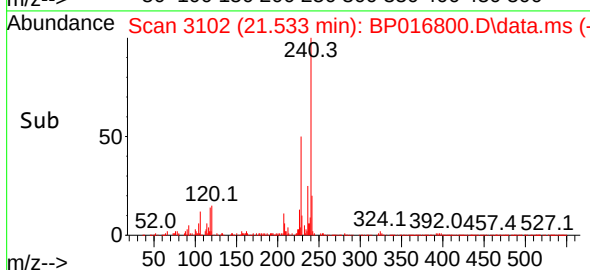
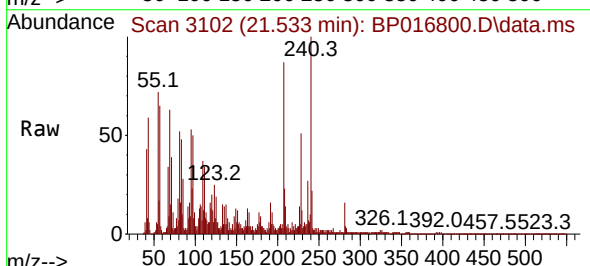
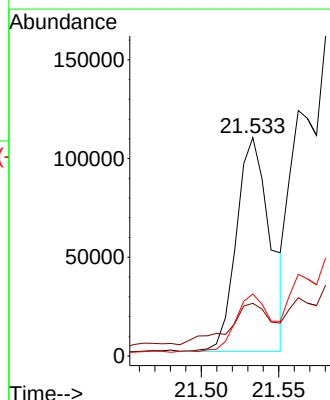
Tgt Ion:228 Resp: 164443

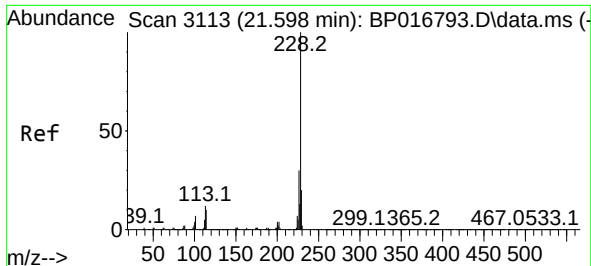
Ion Ratio Lower Upper

228 100

229 24.1 16.2 24.4

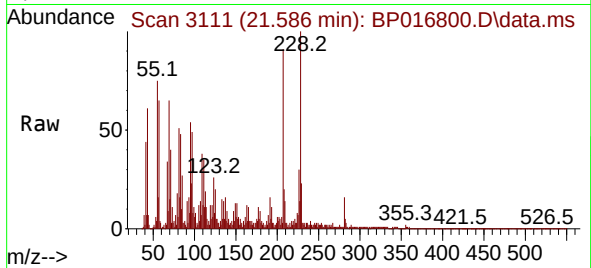
226 28.4 22.9 34.3





#87
Chrysene
Concen: 3.982 ng/ul m
RT: 21.586 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP016800.D
Acq: 28 Aug 2023 19:51

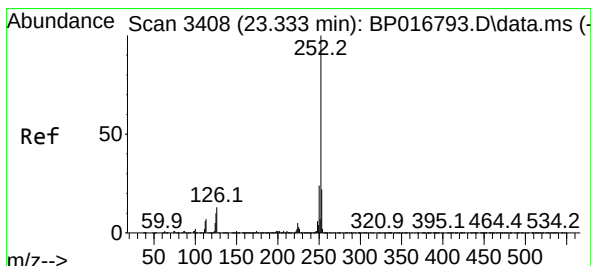
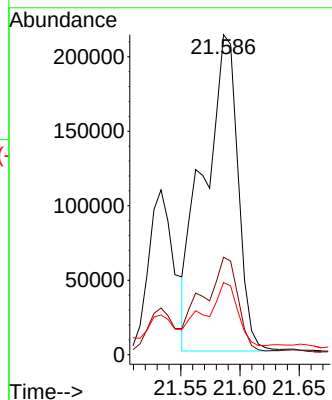
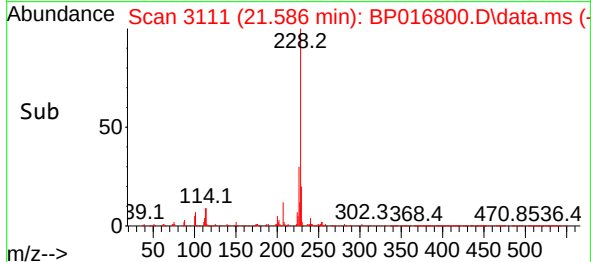
Instrument :
BNA_P
ClientSampleId :
EZYW6



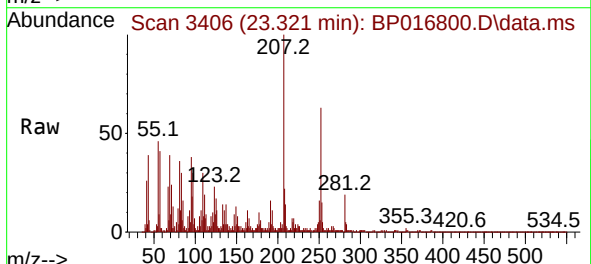
Tgt Ion:228 Resp: 426844
Ion Ratio Lower Upper
228 100
226 30.5 25.0 37.4
229 22.5 16.0 24.0

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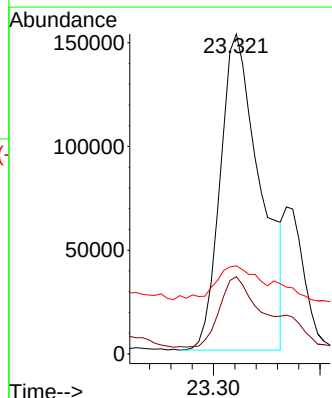
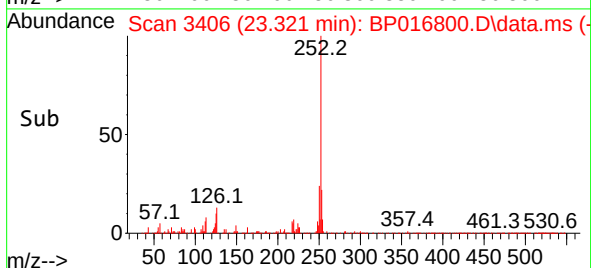
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

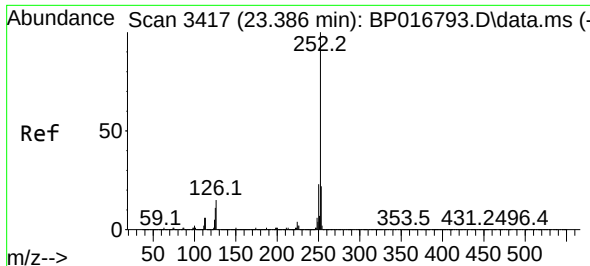


#90
Benzo(b)fluoranthene
Concen: 4.050 ng/ul
RT: 23.321 min Scan# 3406
Delta R.T. 0.000 min
Lab File: BP016800.D
Acq: 28 Aug 2023 19:51



Tgt Ion:252 Resp: 398664
Ion Ratio Lower Upper
252 100
253 24.1 17.7 26.5
125 27.6 9.0 13.4





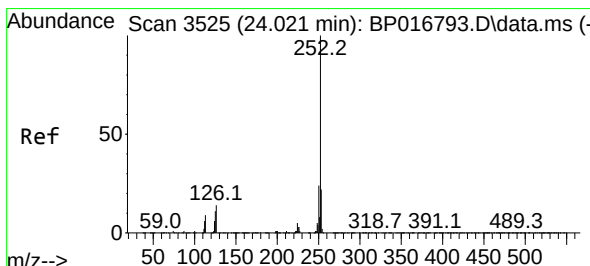
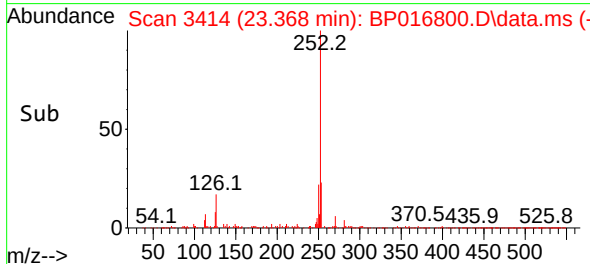
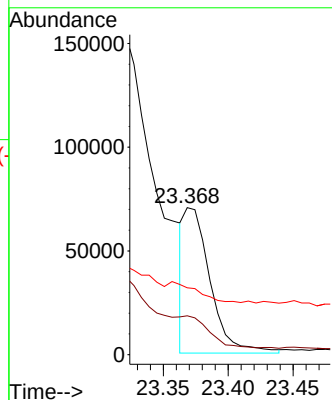
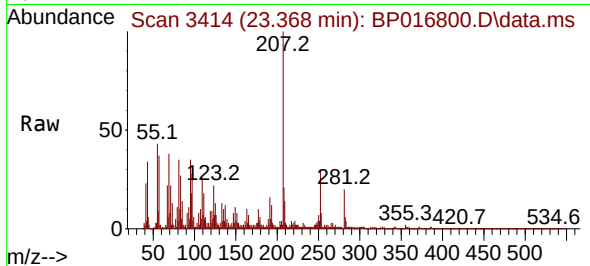
#91
Benzo(k)fluoranthene
Concen: 1.001 ng/ul m
RT: 23.368 min Scan# 3417
Delta R.T. -0.006 min
Lab File: BP016800.D
Acq: 28 Aug 2023 19:51

Instrument :
BNA_P
ClientSampleId :
EZYW6

Tgt Ion:252 Resp: 97468
Ion Ratio Lower Upper
252 100
253 26.4 18.1 27.1
125 45.5 8.9 13.3

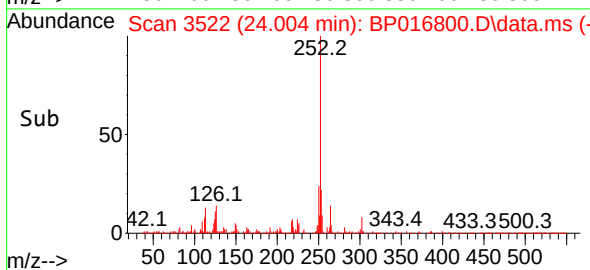
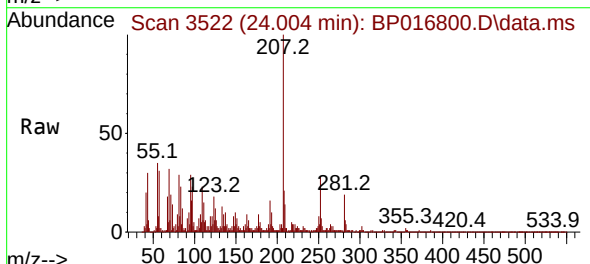
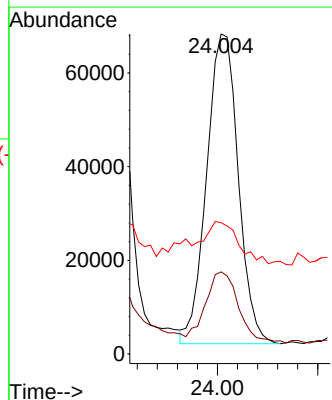
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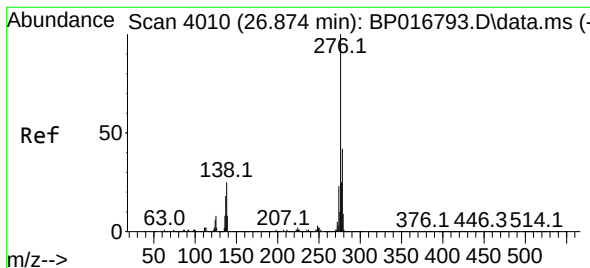
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#93
Benzo(a)pyrene
Concen: 1.625 ng/ul
RT: 24.004 min Scan# 3522
Delta R.T. -0.006 min
Lab File: BP016800.D
Acq: 28 Aug 2023 19:51

Tgt Ion:252 Resp: 144710
Ion Ratio Lower Upper
252 100
253 25.6 17.8 26.8
125 41.0 9.9 14.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.958 ng/ul

RT: 26.851 min Scan# 4010

Delta R.T. -0.012 min

Lab File: BP016800.D

Acq: 28 Aug 2023 19:51

Instrument :

BNA_P

ClientSampleId :

EZYW6

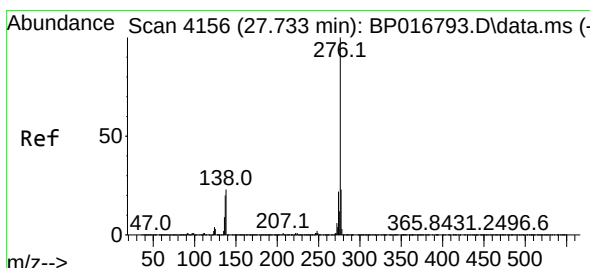
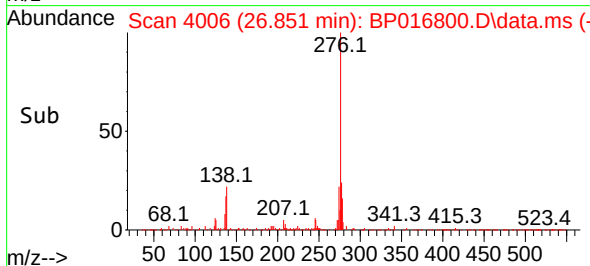
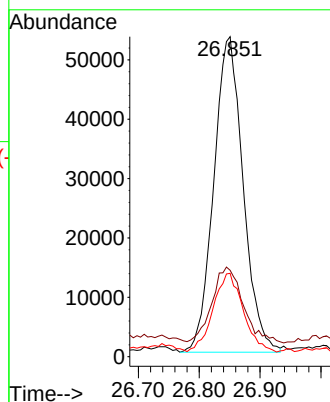
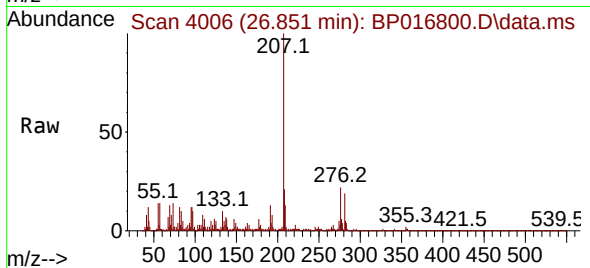
Tgt Ion:	276	Resp:	17813
Ion Ratio	Lower	Upper	
276	100		
138	27.0	20.9	31.3
277	26.1	19.8	29.6

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 2.980 ng/ul

RT: 27.703 min Scan# 4151

Delta R.T. -0.018 min

Lab File: BP016800.D

Acq: 28 Aug 2023 19:51

Tgt Ion:	276	Resp:	205588
Ion Ratio	Lower	Upper	
276	100		
138	27.4	20.2	30.4
277	27.9	19.3	28.9

