

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082523\
 Data File : BP016753.D
 Acq On : 25 Aug 2023 19:28
 Operator : MA/JU
 Sample : 04037-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYJ7

Manual Integrations
 APPROVED

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

Quant Time: Aug 25 23:22:09 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	459016	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	1918501	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.687	164	1167450	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	2460140	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	1707745	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	1565740	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	26707	2.405	ng/uL	0.00
4) Pyridine-d5	3.834	84	37837	1.115	ng/ul	0.01
7) Phenol-d5	7.175	99	151724	3.717	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	277728	10.676	ng/ul	0.00
11) 2-Chlorophenol-d4	7.558	132	38657	1.260	ng/ul	0.00
15) 4-Methylphenol-d8	8.740	113	130931	3.930	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	148946	10.268	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	6891	0.451	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	10035	0.352	ng/ul	0.00
31) 4-Chloroaniline-d4	11.022	131	304854	6.974	ng/ul	0.00
46) Dimethylphthalate-d6	14.098	166	992705	11.275	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	1209391	12.151	ng/ul	0.00
54) 4-Nitrophenol-d4	14.881	143	450	0.025	ng/ul	-0.02
60) Fluorene-d10	15.681	176	941151	12.694	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	58	0.004	ng/ul	-0.02
73) Anthracene-d10	17.557	188	1379233	12.648	ng/ul	0.00
81) Pyrene-d10	19.792	212	1559838	16.631	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	1030118	13.134	ng/ul	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.887	105	118157	2.287	ng/ul	97
72) Phenanthrene	17.498	178	469447	3.625	ng/ul	99
80) Fluoranthene	19.463	202	1403749	12.459	ng/ul	99
82) Pyrene	19.816	202	840210	7.219	ng/ul	99
85) Benzo(a)anthracene	21.539	228	539309	4.585	ng/ul	98
87) Chrysene	21.592	228	738463	6.911	ng/ul	97
90) Benzo(b)fluoranthene	23.327	252	1026221	10.264	ng/ul#	94
91) Benzo(k)fluoranthene	23.374	252	338894m	3.427	ng/ul	
93) Benzo(a)pyrene	24.010	252	620206	6.858	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.857	276	612025	6.623	ng/ul	98
95) Dibenzo(a,h)anthracene	26.886	278	147488m	1.921	ng/ul	
96) Benzo(g,h,i)perylene	27.721	276	576938	8.235	ng/ul	99

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

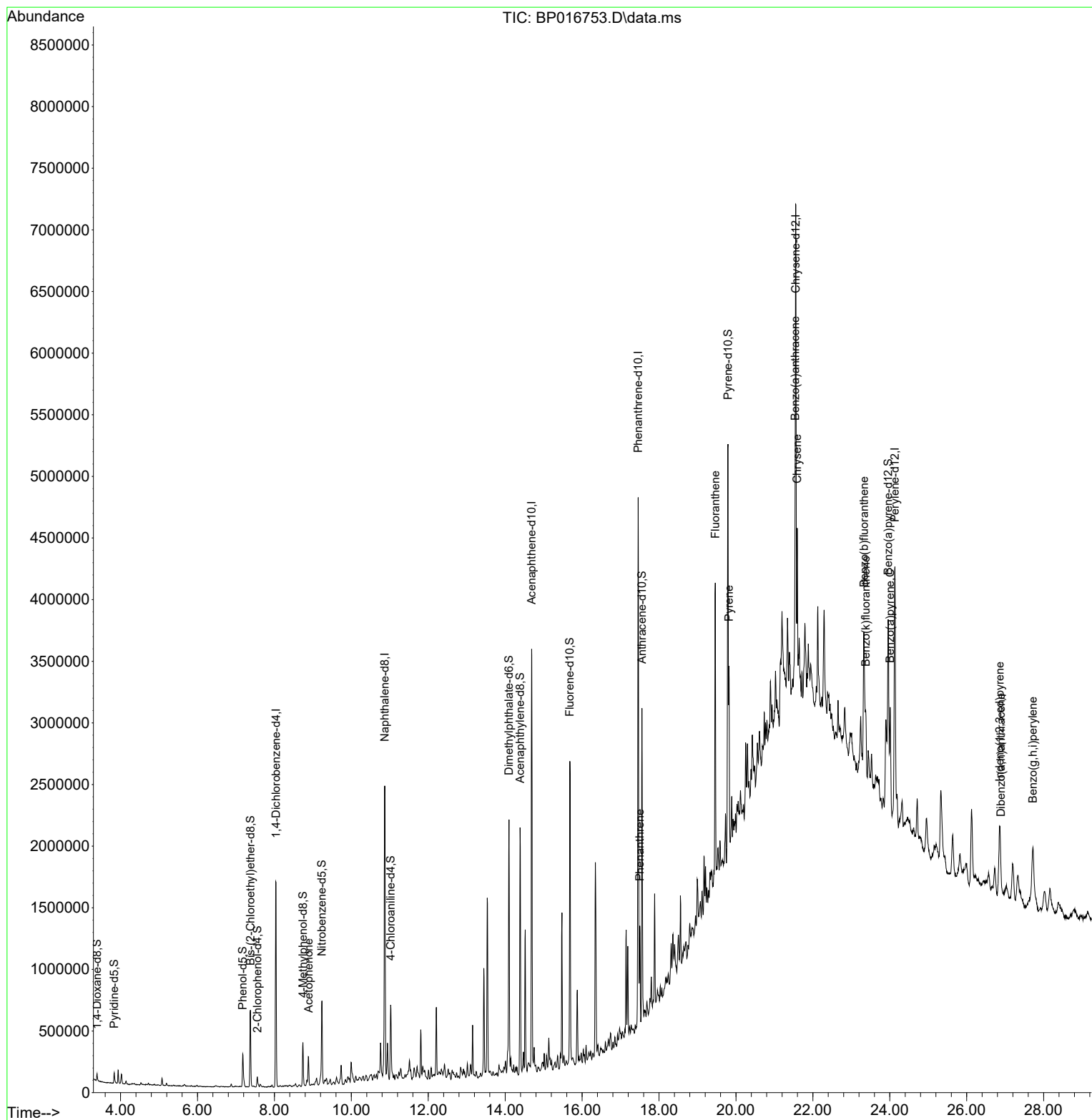
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082523\
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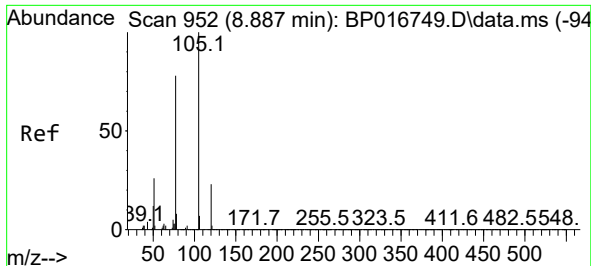
Instrument :
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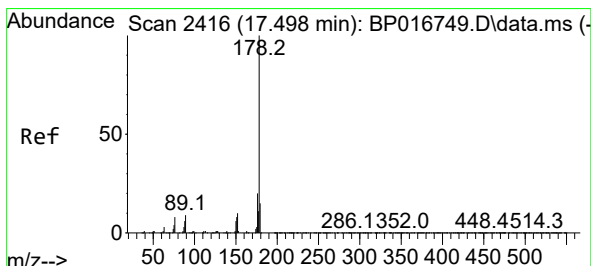
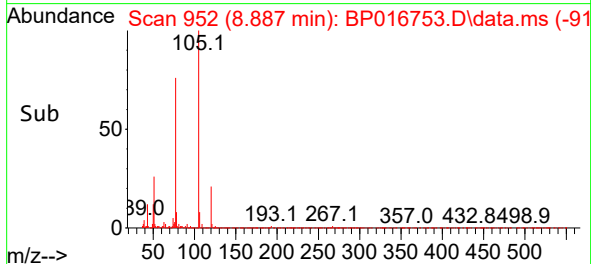
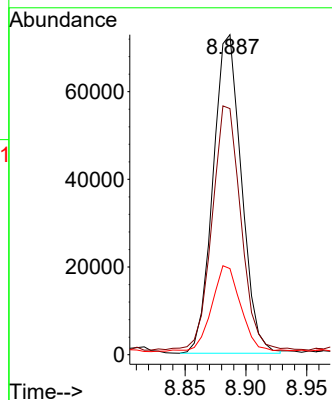
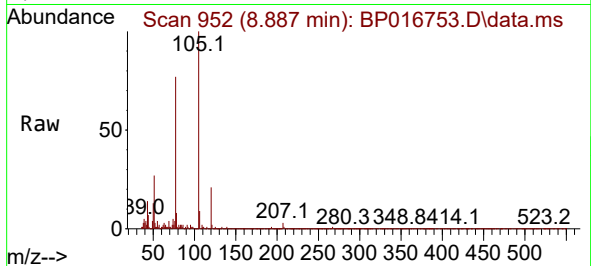
#16
Acetophenone
Concen: 2.287 ng/ul
RT: 8.887 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP016753.D
Acq: 25 Aug 2023 19:28

Instrument :
BNA_P
ClientSampleId :
EZYJ7

Tgt Ion:105 Resp: 11815
Ion Ratio Lower Upper
105 100
77 76.9 64.2 96.4
51 26.9 22.2 33.4

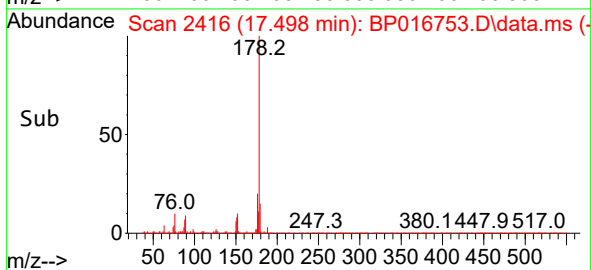
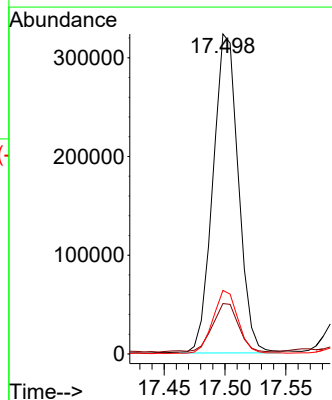
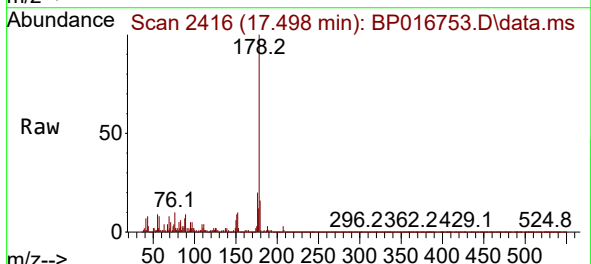
Manual Integrations
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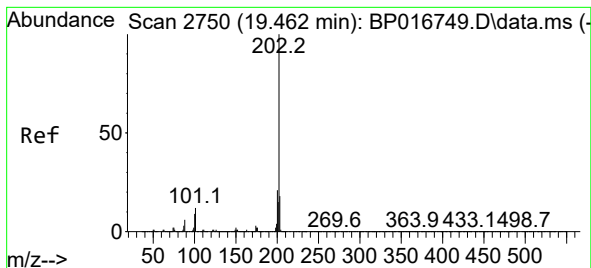
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#72
Phenanthrene
Concen: 3.625 ng/ul
RT: 17.498 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP016753.D
Acq: 25 Aug 2023 19:28

Tgt Ion:178 Resp: 469447
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.9 15.6 23.4





#80

Fluoranthene

Concen: 12.459 ng/ul

RT: 19.463 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016753.D

Acq: 25 Aug 2023 19:28

Instrument :

BNA_P

ClientSampleId :

EZYJ7

Tgt Ion:202 Resp: 1403749

Ion Ratio Lower Upper

202 100

101 11.9 9.7 14.5

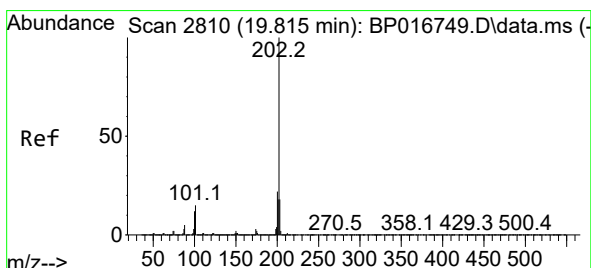
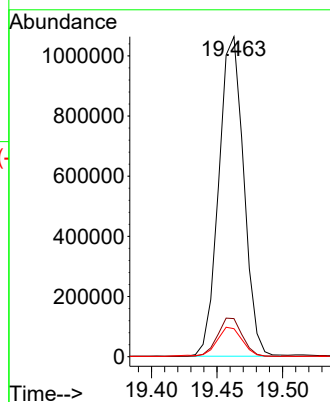
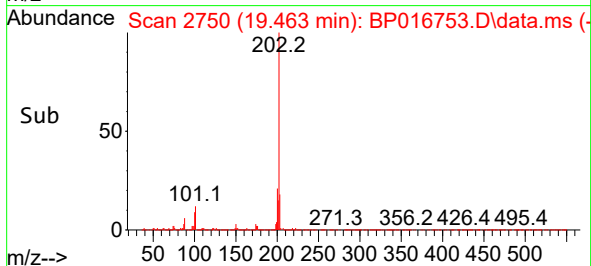
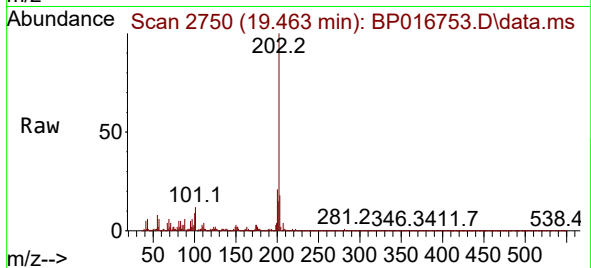
100 8.8 7.4 11.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/26/2023

Supervised By :mohammad ahmed 08/26/2023



#82

Pyrene

Concen: 7.219 ng/ul

RT: 19.816 min Scan# 2810

Delta R.T. -0.006 min

Lab File: BP016753.D

Acq: 25 Aug 2023 19:28

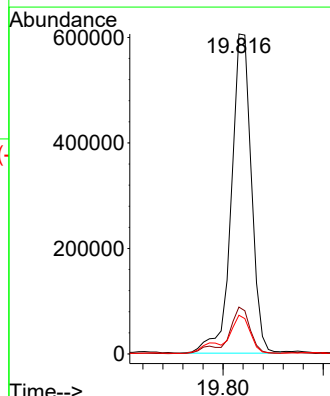
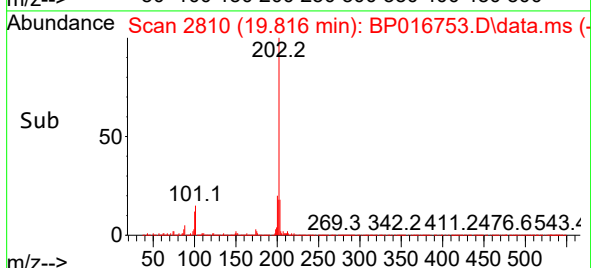
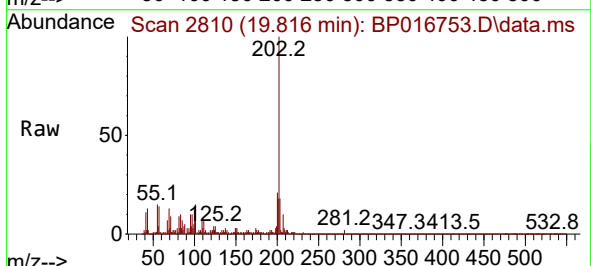
Tgt Ion:202 Resp: 840210

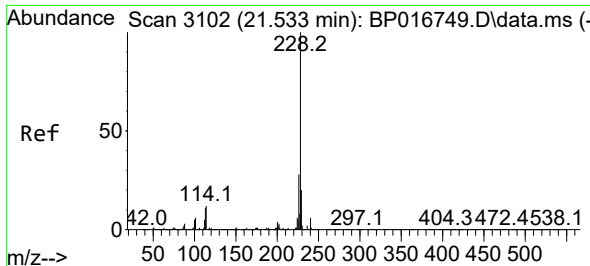
Ion Ratio Lower Upper

202 100

101 14.7 11.4 17.2

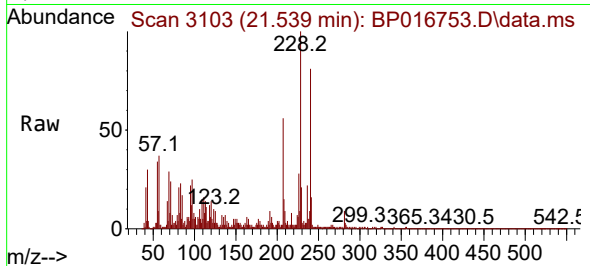
100 12.1 9.4 14.2





#85
Benzo(a)anthracene
Concen: 4.585 ng/ul
RT: 21.539 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BP016753.D
Acq: 25 Aug 2023 19:28

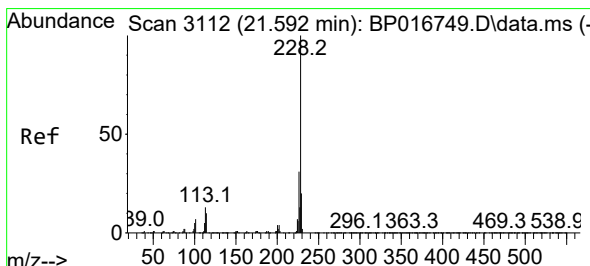
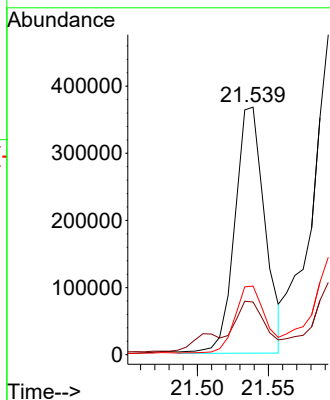
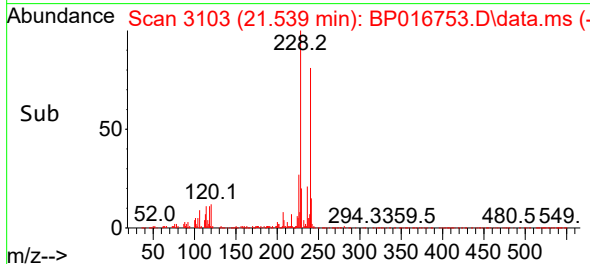
Instrument :
BNA_P
ClientSampleId :
EZYJ7



Tgt Ion:228 Resp: 539309
Ion Ratio Lower Upper
228 100
229 21.3 16.2 24.4
226 27.7 22.9 34.3

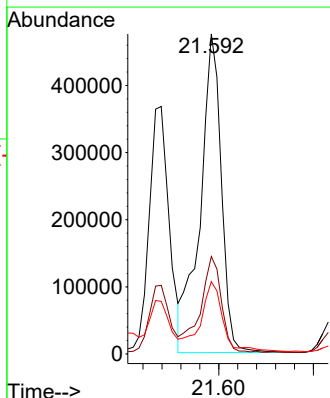
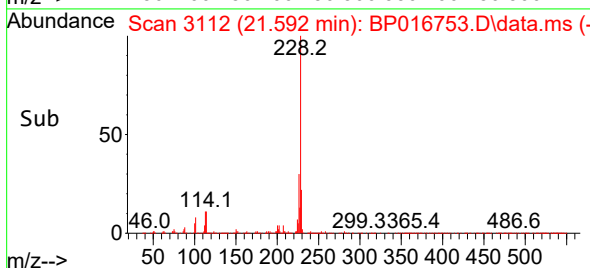
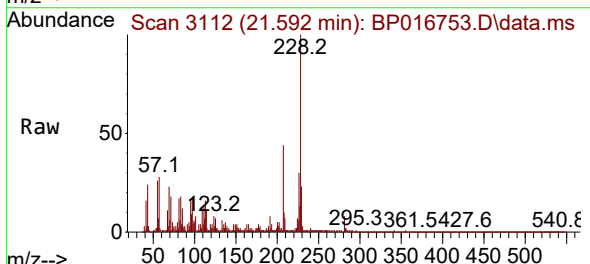
Manual Integrations
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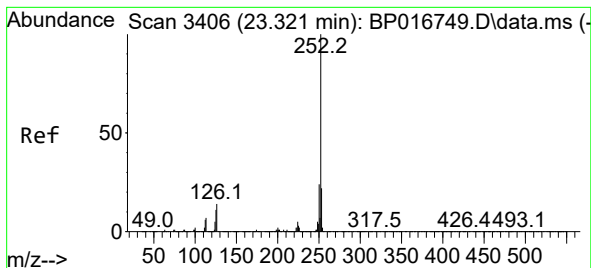
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#87
Chrysene
Concen: 6.911 ng/ul
RT: 21.592 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP016753.D
Acq: 25 Aug 2023 19:28

Tgt Ion:228 Resp: 738463
Ion Ratio Lower Upper
228 100
226 30.4 25.0 37.4
229 22.6 16.0 24.0





#90

Benzo(b)fluoranthene

Concen: 10.264 ng/ul

RT: 23.327 min Scan# 3406

Delta R.T. -0.000 min

Lab File: BP016753.D

Acq: 25 Aug 2023 19:28

Instrument :

BNA_P

ClientSampleId :

EZYJ7

Tgt Ion:252 Resp: 102622

Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

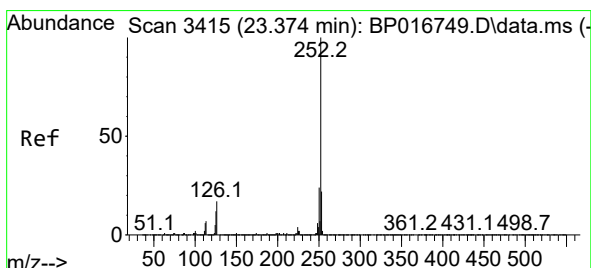
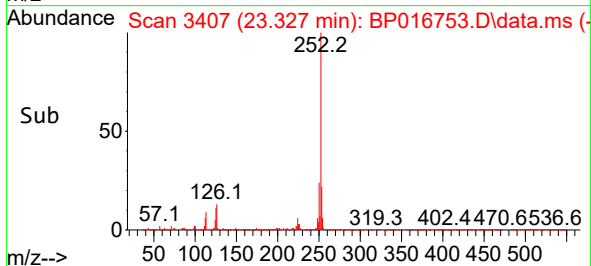
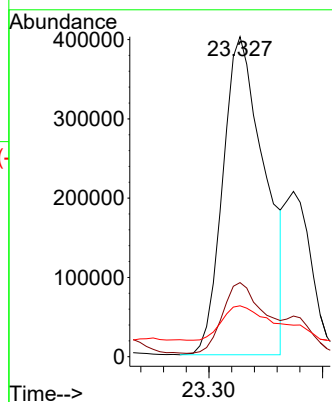
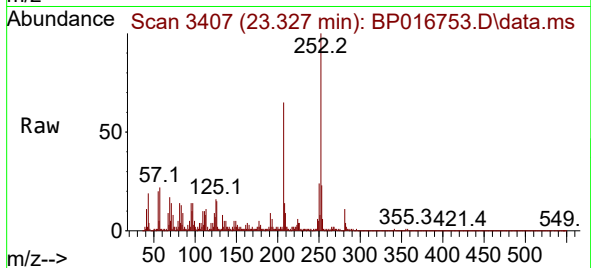
125 15.9 9.0 13.4

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 3.427 ng/ul m

RT: 23.374 min Scan# 3415

Delta R.T. -0.006 min

Lab File: BP016753.D

Acq: 25 Aug 2023 19:28

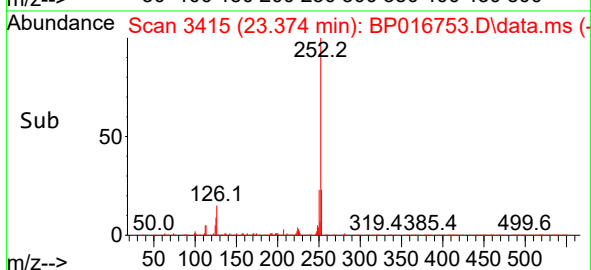
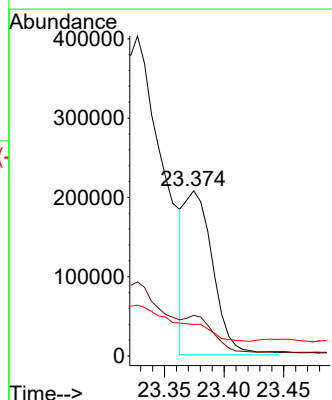
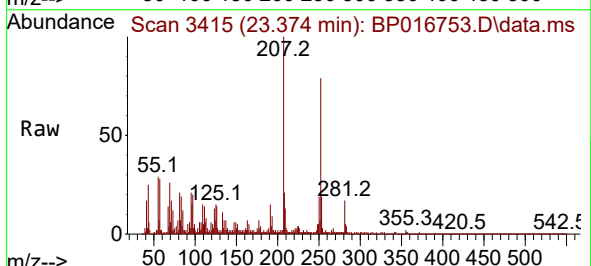
Tgt Ion:252 Resp: 338894

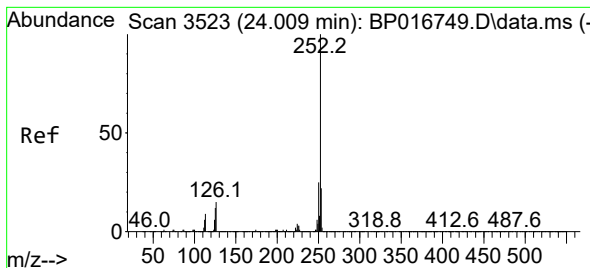
Ion Ratio Lower Upper

252 100

253 24.6 18.1 27.1

125 19.1 8.9 13.3





#93

Benzo(a)pyrene

Concen: 6.858 ng/ul

RT: 24.010 min Scan# 3523

Delta R.T. -0.006 min

Lab File: BP016753.D

Acq: 25 Aug 2023 19:28

Instrument :

BNA_P

ClientSampleId :

EZYJ7

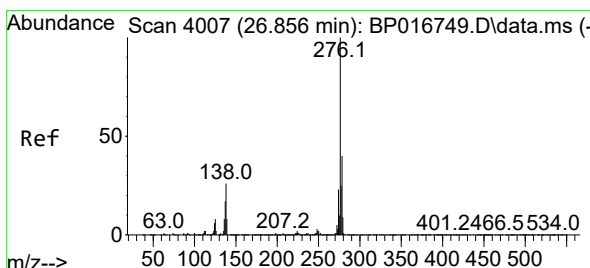
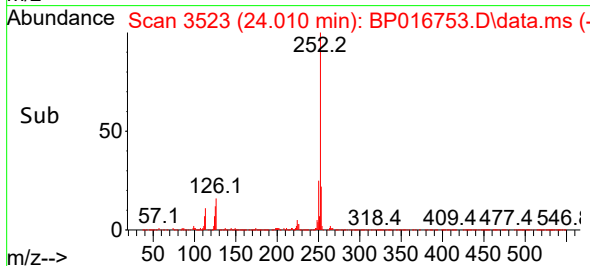
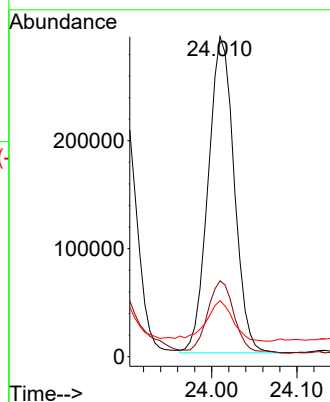
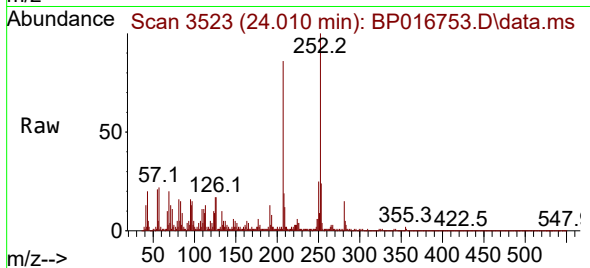
Tgt Ion:	252	Resp:	620200
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.8	26.8
125	17.5	9.9	14.9

Manual Integrations

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Supervised By :mohammad ahmed 08/26/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.623 ng/ul

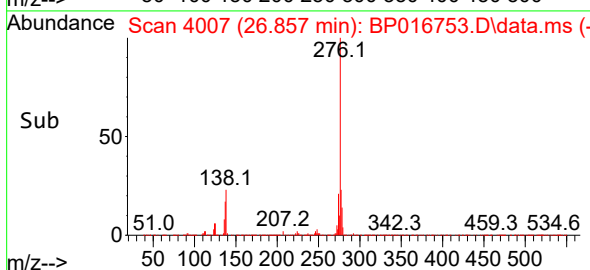
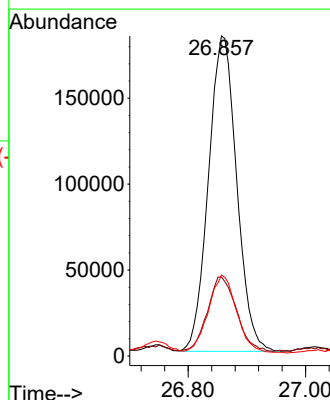
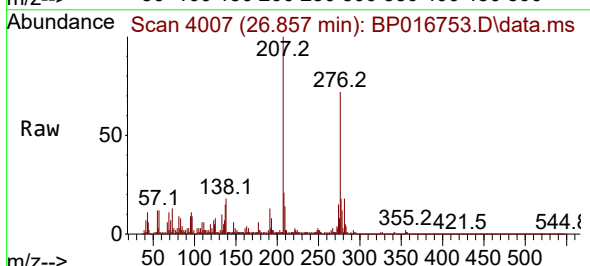
RT: 26.857 min Scan# 4007

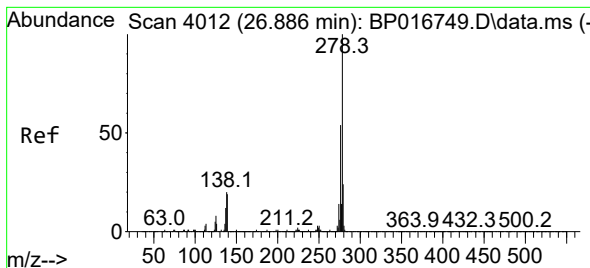
Delta R.T. -0.018 min

Lab File: BP016753.D

Acq: 25 Aug 2023 19:28

Tgt Ion:	276	Resp:	612025
Ion Ratio	Lower	Upper	
276	100		
138	24.6	20.9	31.3
277	25.3	19.8	29.6





#95

Dibenzo(a,h)anthracene

Concen: 1.921 ng/ul m

RT: 26.886 min Scan# 4012

Delta R.T. -0.012 min

Lab File: BP016753.D

Acq: 25 Aug 2023 19:28

Instrument :

BNP_P

ClientSampleId :

EZYJ7

Tgt Ion:278 Resp: 14748

Ion Ratio Lower Upper

278 100

139 28.2 15.0 22.6

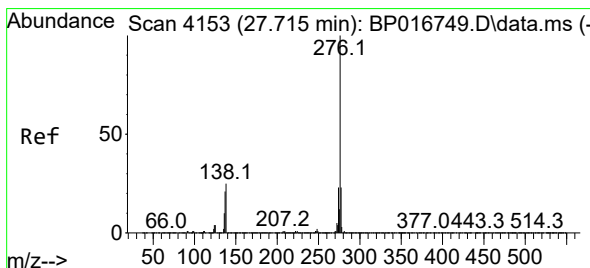
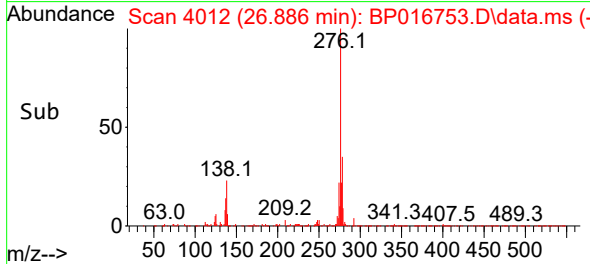
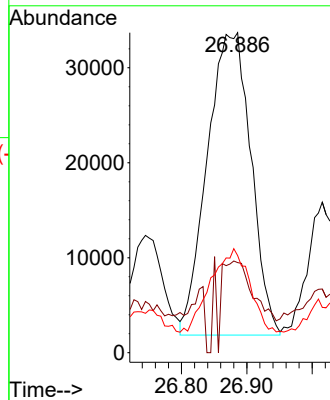
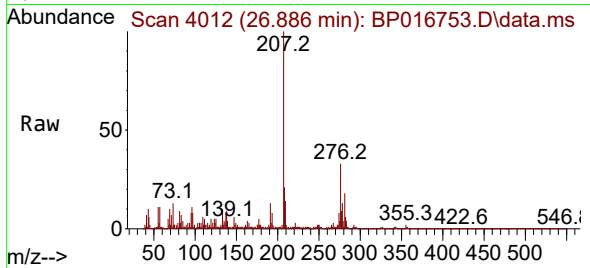
279 30.4 19.4 29.2

Manual Integrations

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Supervised By :mohammad ahmed 08/26/2023



#96

Benzo(g,h,i)perylene

Concen: 8.235 ng/ul

RT: 27.721 min Scan# 4154

Delta R.T. -0.006 min

Lab File: BP016753.D

Acq: 25 Aug 2023 19:28

Tgt Ion:276 Resp: 576938

Ion Ratio Lower Upper

276 100

138 26.1 20.2 30.4

277 23.8 19.3 28.9

