

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
 Data File : BP016911.D
 Acq On : 01 Sep 2023 17:04
 Operator : MA/JU
 Sample : 04113-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYH9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/04/2023
 Supervised By :mohammad ahmed 09/05/2023

Quant Time: Sep 01 23:20:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	375628	20.000	ng/u1	0.00
20) Naphthalene-d8	10.851	136	1700421	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.674	164	1065615	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	2213968	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1539973	20.000	ng/u1	0.00
88) Perylene-d12	24.109	264	1320818	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	31532	3.469	ng/uL	0.00
4) Pyridine-d5	3.822	84	35012	1.261	ng/u1	0.01
7) Phenol-d5	7.169	99	541446	16.210	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.357	67	408241	19.177	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	444992	17.719	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	183440	6.728	ng/u1	0.00
21) Nitrobenzene-d5	9.216	128	249059	19.372	ng/u1	0.00
24) 2-Nitrophenol-d4	9.934	143	279629	20.634	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	439139	17.381	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	129661	3.347	ng/u1	0.00
46) Dimethylphthalate-d6	14.086	166	1610219	20.037	ng/u1	0.00
49) Acenaphthylene-d8	14.374	160	1814733	19.976	ng/u1	0.00
54) 4-Nitrophenol-d4	14.886	143	171404	10.319	ng/u1	0.00
60) Fluorene-d10	15.669	176	1376550	20.341	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	163149	12.374	ng/u1	0.00
73) Anthracene-d10	17.545	188	1817828	18.524	ng/u1	0.00
81) Pyrene-d10	19.780	212	2211927	26.153	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	1381485	20.881	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.869	105	99040	2.343	ng/u1	96
72) Phenanthrene	17.486	178	1358641	11.657	ng/u1	100
74) Anthracene	17.580	178	271989	2.308	ng/u1	99
80) Fluoranthene	19.451	202	2553775	25.136	ng/u1	100
82) Pyrene	19.809	202	2012949	19.180	ng/u1	100
85) Benzo(a)anthracene	21.527	228	1230564	11.601	ng/u1	99
87) Chrysene	21.586	228	1090368	11.316	ng/u1	98
90) Benzo(b)fluoranthene	23.315	252	1163064	13.790	ng/u1	99
91) Benzo(k)fluoranthene	23.362	252	430620m	5.162	ng/u1	
93) Benzo(a)pyrene	23.992	252	779320	10.215	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.833	276	501984	6.439	ng/u1	98
95) Dibenzo(a,h)anthracene	26.850	278	138469	2.139	ng/u1#	92
96) Benzo(g,h,i)perylene	27.686	276	473774	8.016	ng/u1	99

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

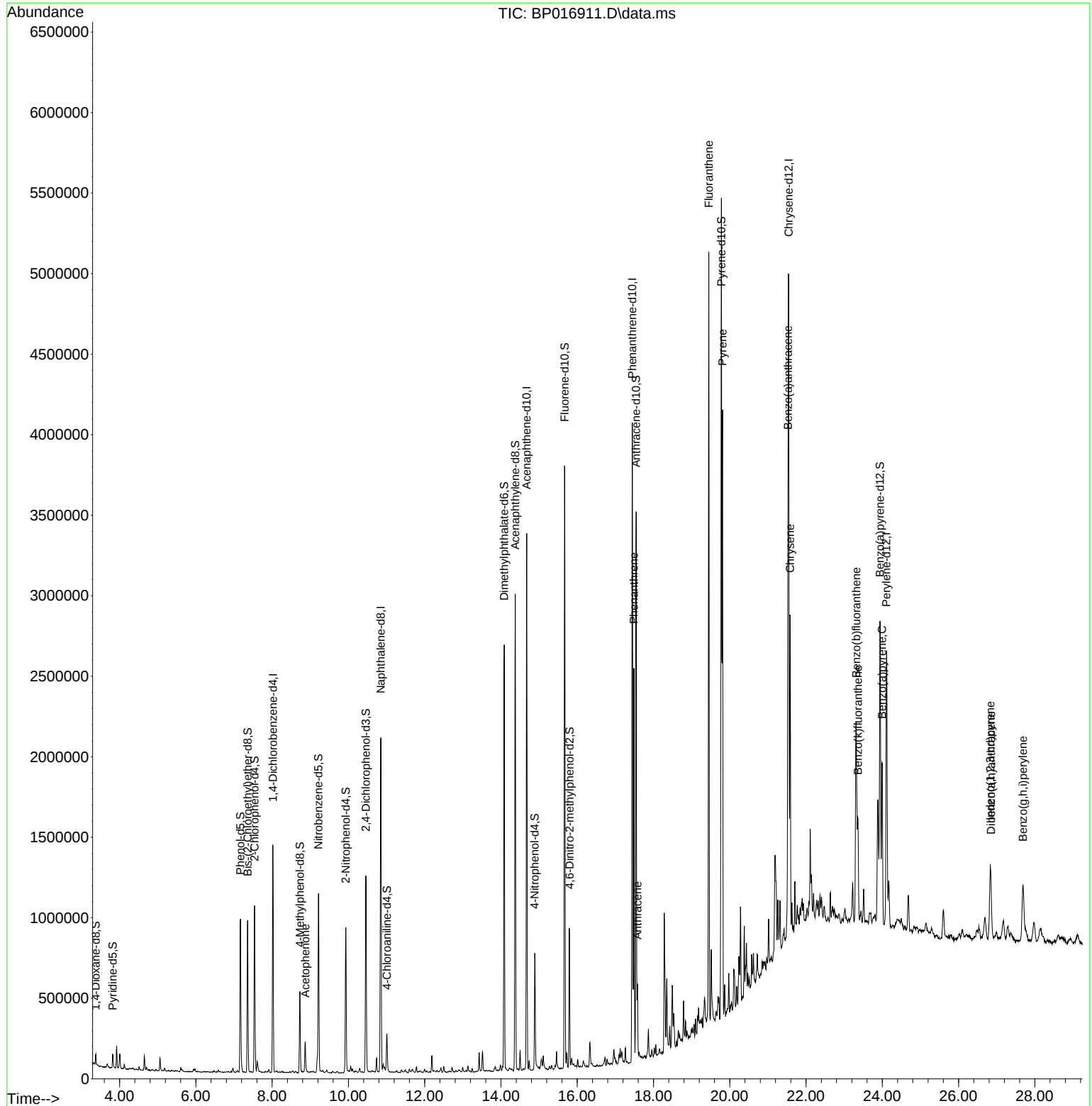
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090123\
 Data File : BP016911.D
 Acq On : 01 Sep 2023 17:04
 Operator : MA/JU
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 ALS Vial : 9 Sample Multiplier: 1

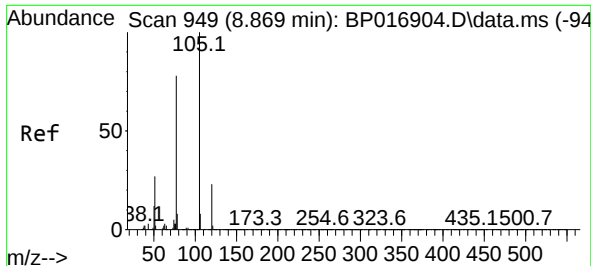
Instrument :
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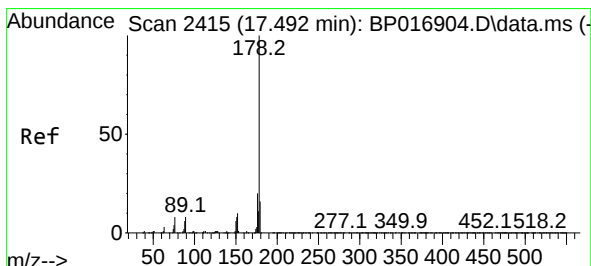
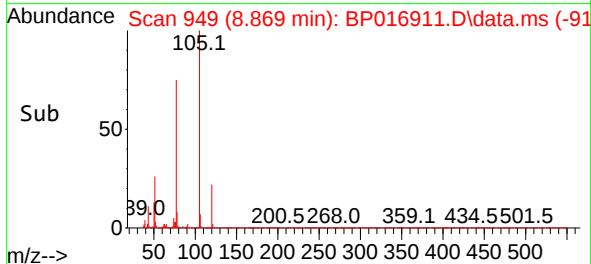
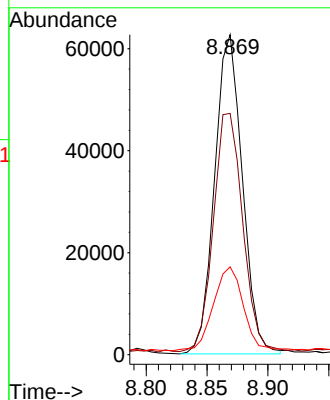
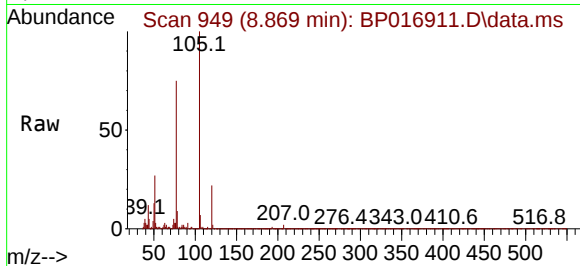
#16
Acetophenone
Concen: 2.343 ng/ul
RT: 8.869 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP016911.D
Acq: 01 Sep 2023 17:04

Instrument :
BNA_P
ClientSampleId :
EZYH9

Tgt Ion:105 Resp: 99040
Ion Ratio Lower Upper
105 100
77 75.4 64.2 96.4
51 27.4 22.2 33.4

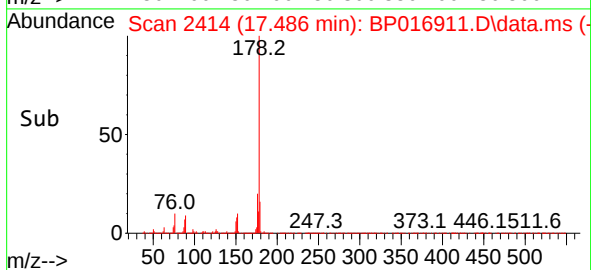
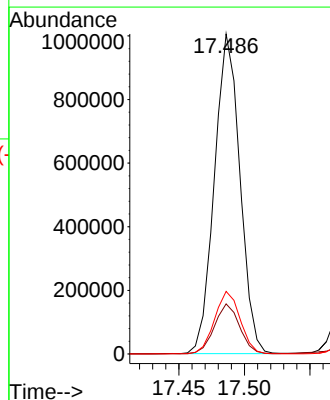
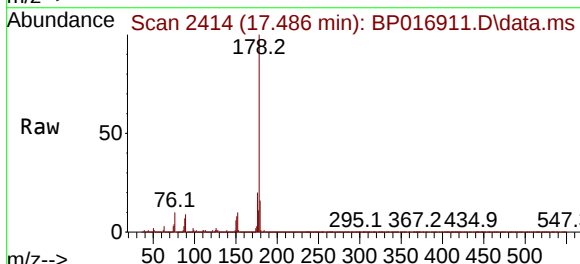
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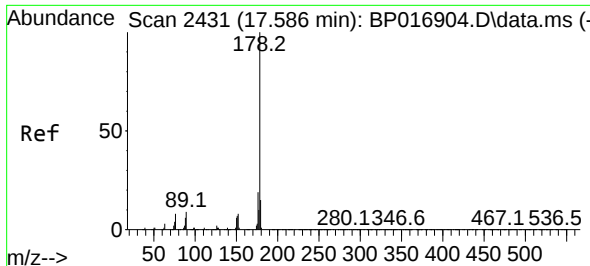
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/05/2023



#72
Phenanthrene
Concen: 11.657 ng/ul
RT: 17.486 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BP016911.D
Acq: 01 Sep 2023 17:04

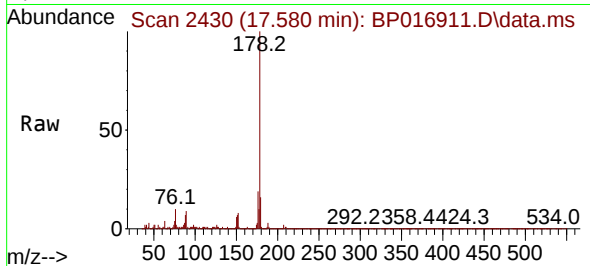
Tgt Ion:178 Resp: 1358641
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 19.6 15.6 23.4





#74
 Anthracene
 Concen: 2.308 ng/ul
 RT: 17.580 min Scan# 2431
 Delta R.T. -0.000 min
 Lab File: BP016911.D
 Acq: 01 Sep 2023 17:04

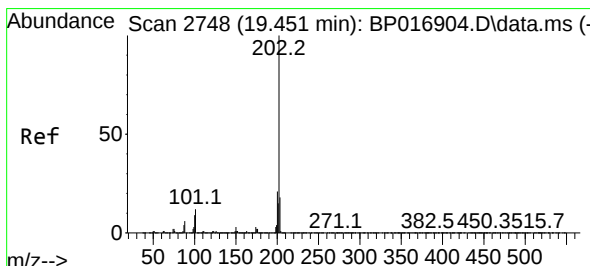
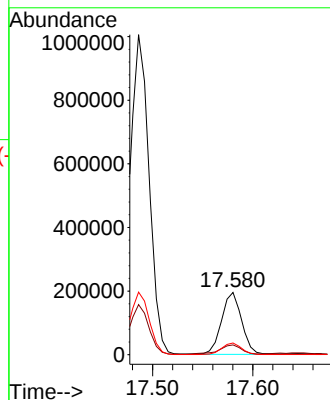
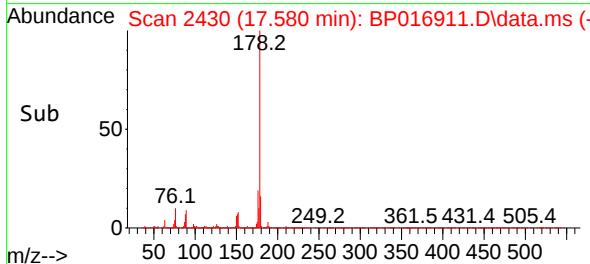
Instrument :
 BNA_P
 ClientSampleId :
 EZYH9



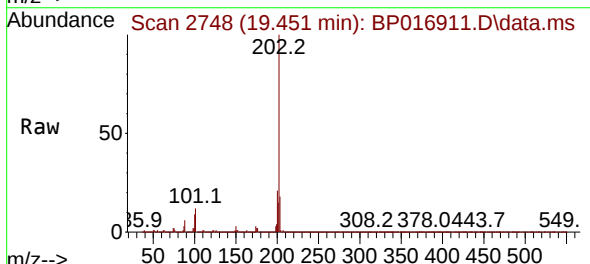
Tgt Ion:178 Resp: 271989
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.4 18.6
 176 18.9 15.3 22.9

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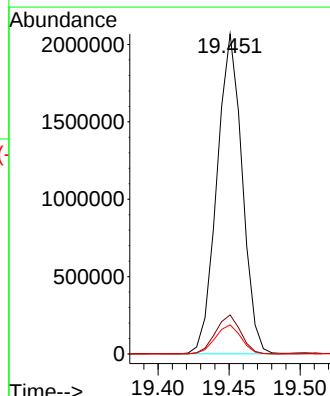
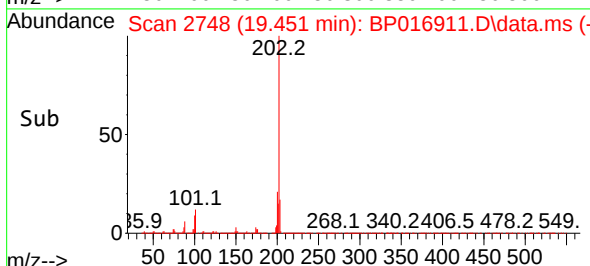
Reviewed By :Yogesh Patel 09/04/2023
 Supervised By :mohammad ahmed 09/05/2023

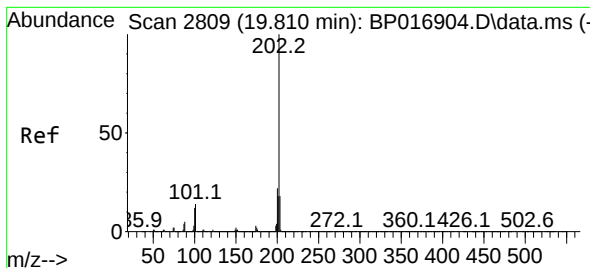


#80
 Fluoranthene
 Concen: 25.136 ng/ul
 RT: 19.451 min Scan# 2748
 Delta R.T. -0.000 min
 Lab File: BP016911.D
 Acq: 01 Sep 2023 17:04



Tgt Ion:202 Resp: 2553775
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.7 14.5
 100 9.1 7.4 11.2





#82

Pyrene

Concen: 19.180 ng/ul

RT: 19.809 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016911.D

Acq: 01 Sep 2023 17:04

Instrument :

BNA_P

ClientSampleId :

EZYH9

Tgt Ion:202 Resp: 2012949

Ion Ratio Lower Upper

202 100

101 14.2 11.4 17.2

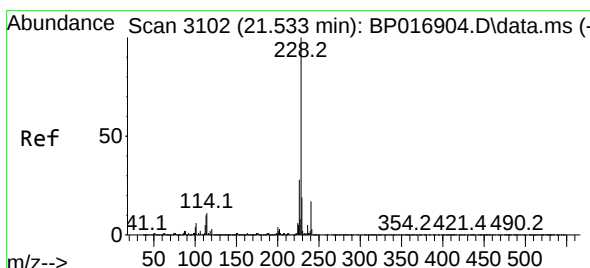
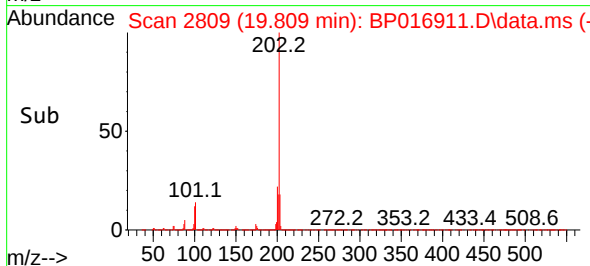
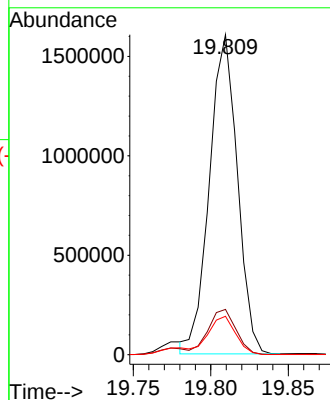
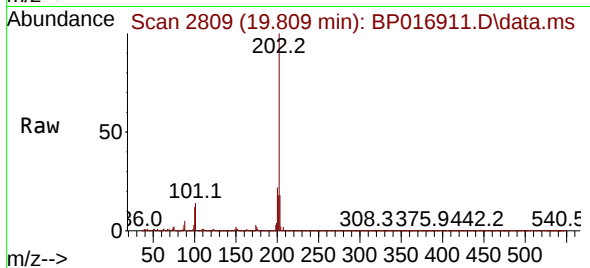
100 12.0 9.4 14.2

Manual Integrations

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Reviewed By :Yogesh Patel 09/04/2023

Supervised By :mohammad ahmed 09/05/2023



#85

Benzo(a)anthracene

Concen: 11.601 ng/ul

RT: 21.527 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BP016911.D

Acq: 01 Sep 2023 17:04

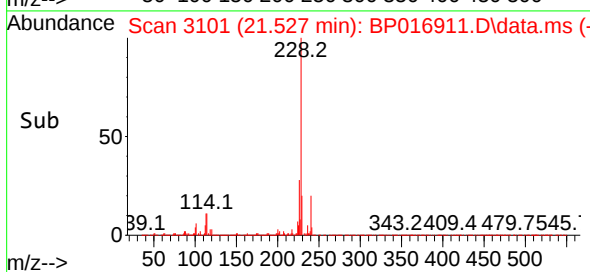
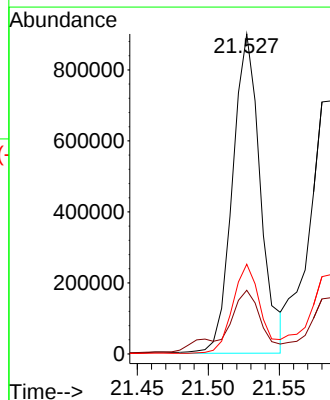
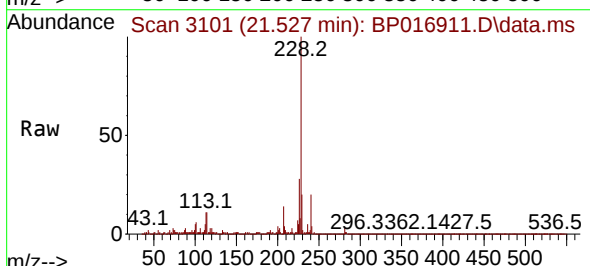
Tgt Ion:228 Resp: 1230564

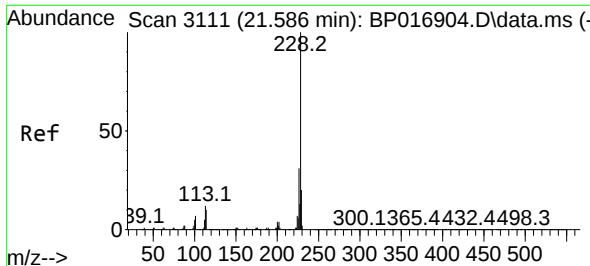
Ion Ratio Lower Upper

228 100

229 19.9 16.2 24.4

226 28.1 22.9 34.3





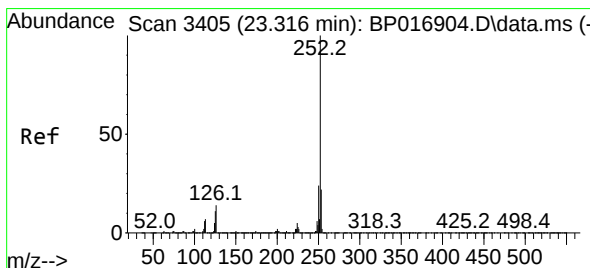
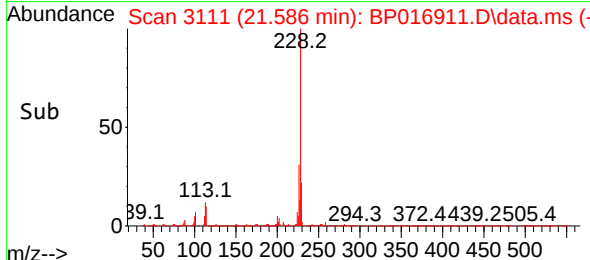
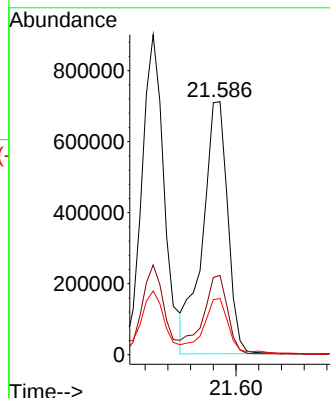
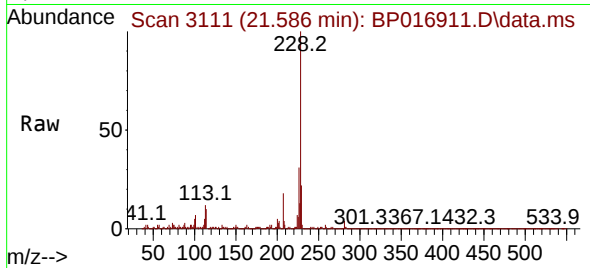
#87
Chrysene
Concen: 11.316 ng/u1
RT: 21.586 min Scan# 3111
Delta R.T. 0.006 min
Lab File: BP016911.D
Acq: 01 Sep 2023 17:04

Instrument :
BNA_P
ClientSampleId :
EZYH9

Tgt Ion:228 Resp: 1090368
Ion Ratio Lower Upper
228 100
226 31.3 25.0 37.4
229 22.2 16.0 24.0

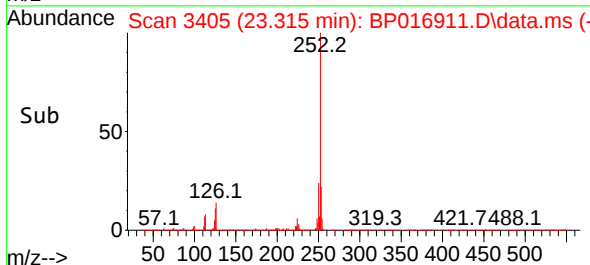
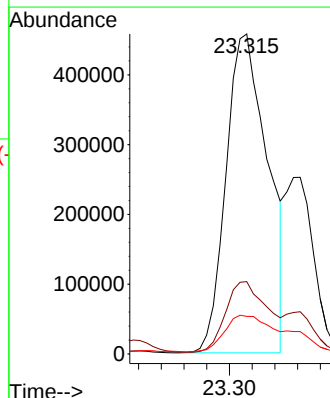
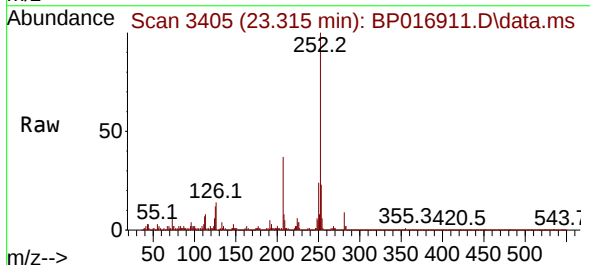
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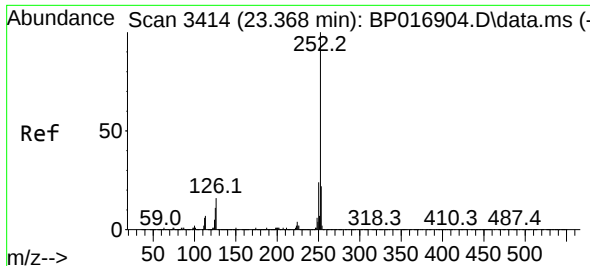
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/05/2023



#90
Benzo(b)fluoranthene
Concen: 13.790 ng/u1
RT: 23.315 min Scan# 3405
Delta R.T. 0.006 min
Lab File: BP016911.D
Acq: 01 Sep 2023 17:04

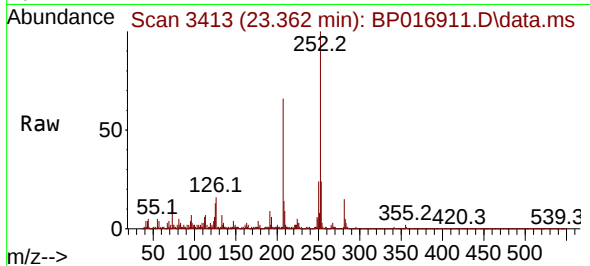
Tgt Ion:252 Resp: 1163064
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 11.7 9.0 13.4





#91
Benzo(k)fluoranthene
Concen: 5.162 ng/ul m
RT: 23.362 min Scan# 3414
Delta R.T. -0.000 min
Lab File: BP016911.D
Acq: 01 Sep 2023 17:04

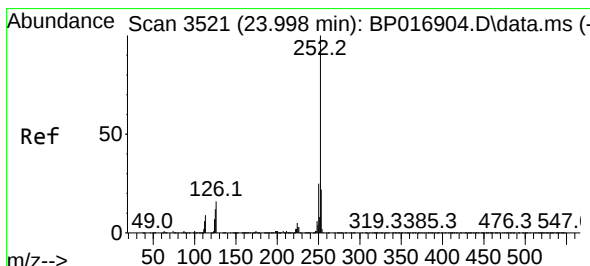
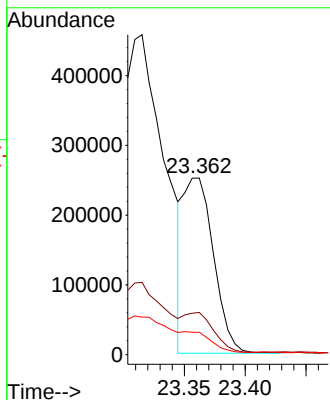
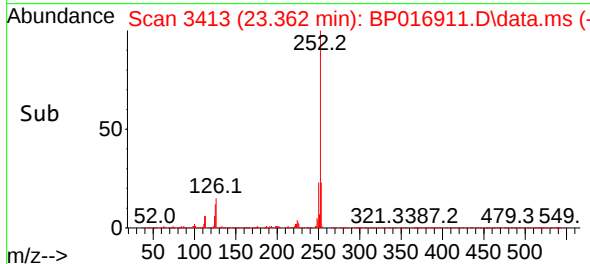
Instrument :
BNA_P
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EZYH9



Tgt Ion:252 Resp: 430620
Ion Ratio Lower Upper
252 100
253 23.9 18.1 27.1
125 12.7 8.9 13.3

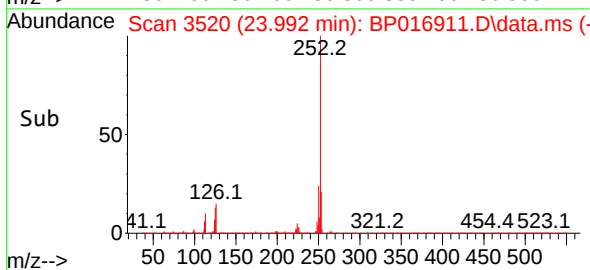
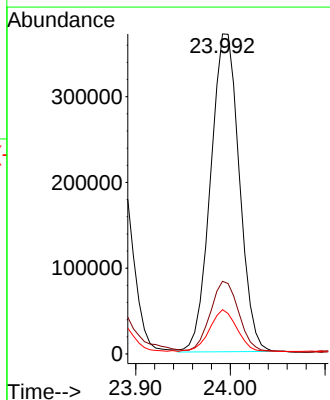
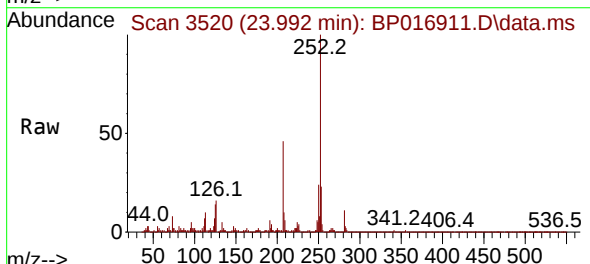
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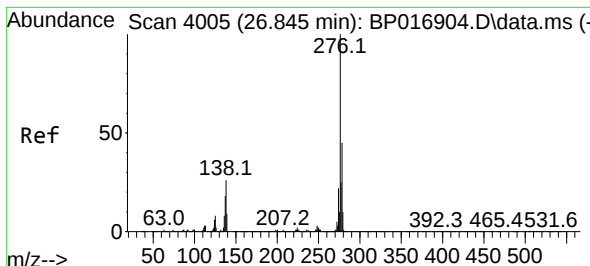
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/05/2023



#93
Benzo(a)pyrene
Concen: 10.215 ng/ul
RT: 23.992 min Scan# 3520
Delta R.T. -0.000 min
Lab File: BP016911.D
Acq: 01 Sep 2023 17:04

Tgt Ion:252 Resp: 779320
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 13.9 9.9 14.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.439 ng/ul

RT: 26.833 min Scan# 4003

Delta R.T. -0.000 min

Lab File: BP016911.D

Acq: 01 Sep 2023 17:04

Instrument :

BNA_P

ClientSampleId :

EZYH9

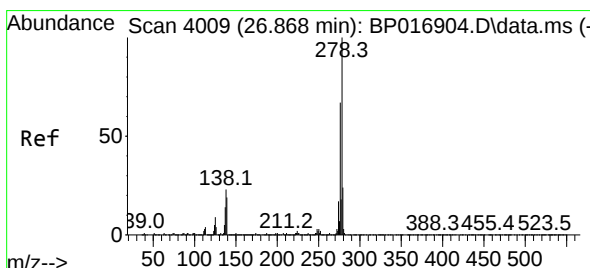
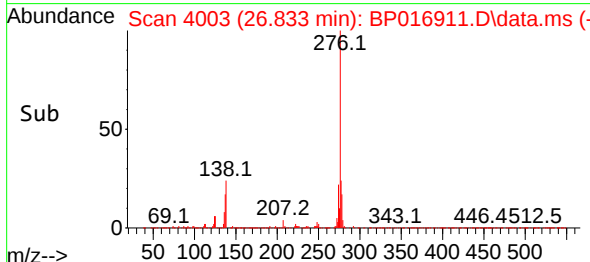
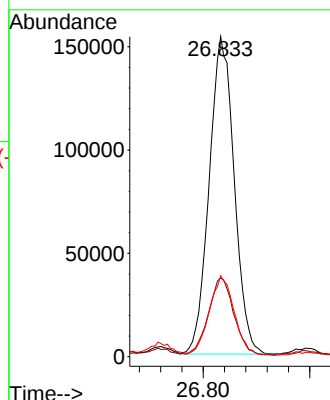
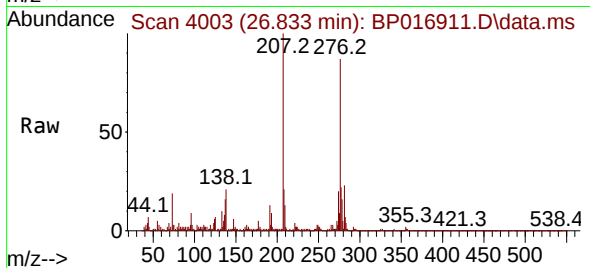
Tgt Ion:	276	Resp:	501984
Ion Ratio	Lower	Upper	
276	100		
138	24.6	20.9	31.3
277	25.3	19.8	29.6

Manual Integrations

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Supervised By :mohammad ahmed 09/05/2023



#95

Dibenzo(a,h)anthracene

Concen: 2.139 ng/ul

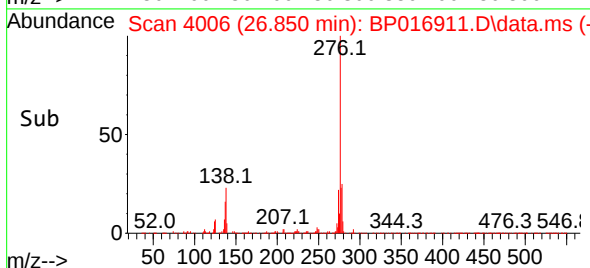
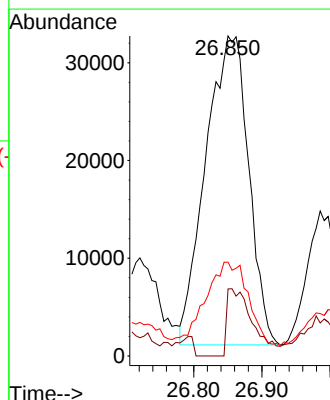
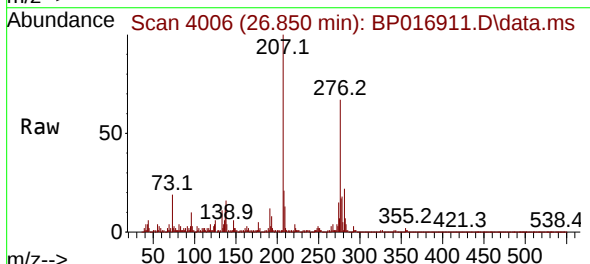
RT: 26.850 min Scan# 4006

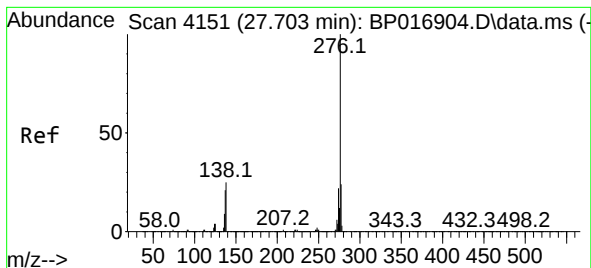
Delta R.T. -0.012 min

Lab File: BP016911.D

Acq: 01 Sep 2023 17:04

Tgt Ion:	278	Resp:	138469
Ion Ratio	Lower	Upper	
278	100		
139	21.0	15.0	22.6
279	29.3	19.4	29.2





#96

Benzo(g,h,i)perylene

Concen: 8.016 ng/ul

RT: 27.686 min Scan# 41

Delta R.T. -0.000 min

Lab File: BP016911.D

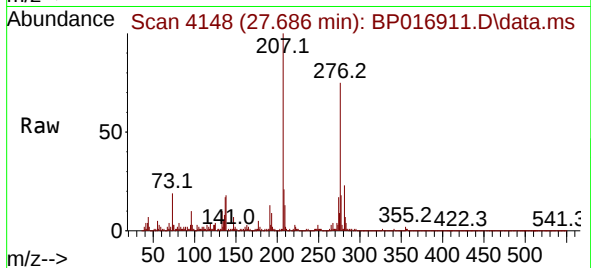
Acq: 01 Sep 2023 17:04

Instrument :

BNA_P

ClientSampleId :

EZYH9



Tgt Ion:276 Resp: 473774

Ion Ratio Lower Upper

276 100

138 24.4 20.2 30.4

277 24.4 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/04/2023

Supervised By :mohammad ahmed 09/05/2023

