

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017901.D
 Acq On : 02 Nov 2023 23:25
 Operator : MA/JU
 Sample : 05060-02
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKG0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/04/2023

Quant Time: Nov 03 01:08:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	158848	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.710	136	598874	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.575	164	340981	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.369	188	675830	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	530101	20.000	ng/u1	0.00
88) Perylene-d12	24.080	264	575652	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	6730	1.576	ng/uL	0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.046	99	129908	9.828	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	87226	10.685	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.399	132	114290	10.601	ng/u1	-0.01
15) 4-Methylphenol-d8	8.605	113	71023	6.842	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	53925	11.112	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.804	143	61720	11.511	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	103499	9.840	ng/u1	0.00
31) 4-Chloroaniline-d4	10.893	131	58751	4.268	ng/u1	0.00
46) Dimethylphthalate-d6	13.992	166	333522	11.652	ng/u1	-0.01
49) Acenaphthylene-d8	14.275	160	364240	11.410	ng/u1	0.00
54) 4-Nitrophenol-d4	14.851	143	24211m	5.936	ng/u1	0.02
60) Fluorene-d10	15.581	176	275900	11.150	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.739	200	12903	2.898	ng/u1	0.00
73) Anthracene-d10	17.469	188	396866	11.491	ng/u1	0.00
81) Pyrene-d10	19.733	212	446106	13.423	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.910	264	366227	11.422	ng/u1	0.01
Target Compounds					Qvalue	
50) Acenaphthylene	14.304	152	72158	2.018	ng/u1	99
52) Acenaphthene	14.640	153	25354	1.049	ng/u1	99
61) Fluorene	15.639	166	31971	1.147	ng/u1	91
72) Phenanthrene	17.410	178	179335	4.530	ng/u1	99
74) Anthracene	17.504	178	316375	7.890	ng/u1	99
80) Fluoranthene	19.398	202	633619	16.594	ng/u1	98
82) Pyrene	19.763	202	664486	16.425	ng/u1	99
85) Benzo(a)anthracene	21.498	228	328975	8.163	ng/u1	97
87) Chrysene	21.557	228	501269m	13.153	ng/u1	
90) Benzo(b)fluoranthene	23.280	252	701413	17.903	ng/u1	96
91) Benzo(k)fluoranthene	23.327	252	171462m	4.318	ng/u1	
93) Benzo(a)pyrene	23.957	252	222816	6.058	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.792	276	220371	5.027	ng/u1	97
95) Dibenzo(a,h)anthracene	26.809	278	55268m	1.511	ng/u1	
96) Benzo(g,h,i)perylene	27.651	276	201109	5.694	ng/u1	97

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

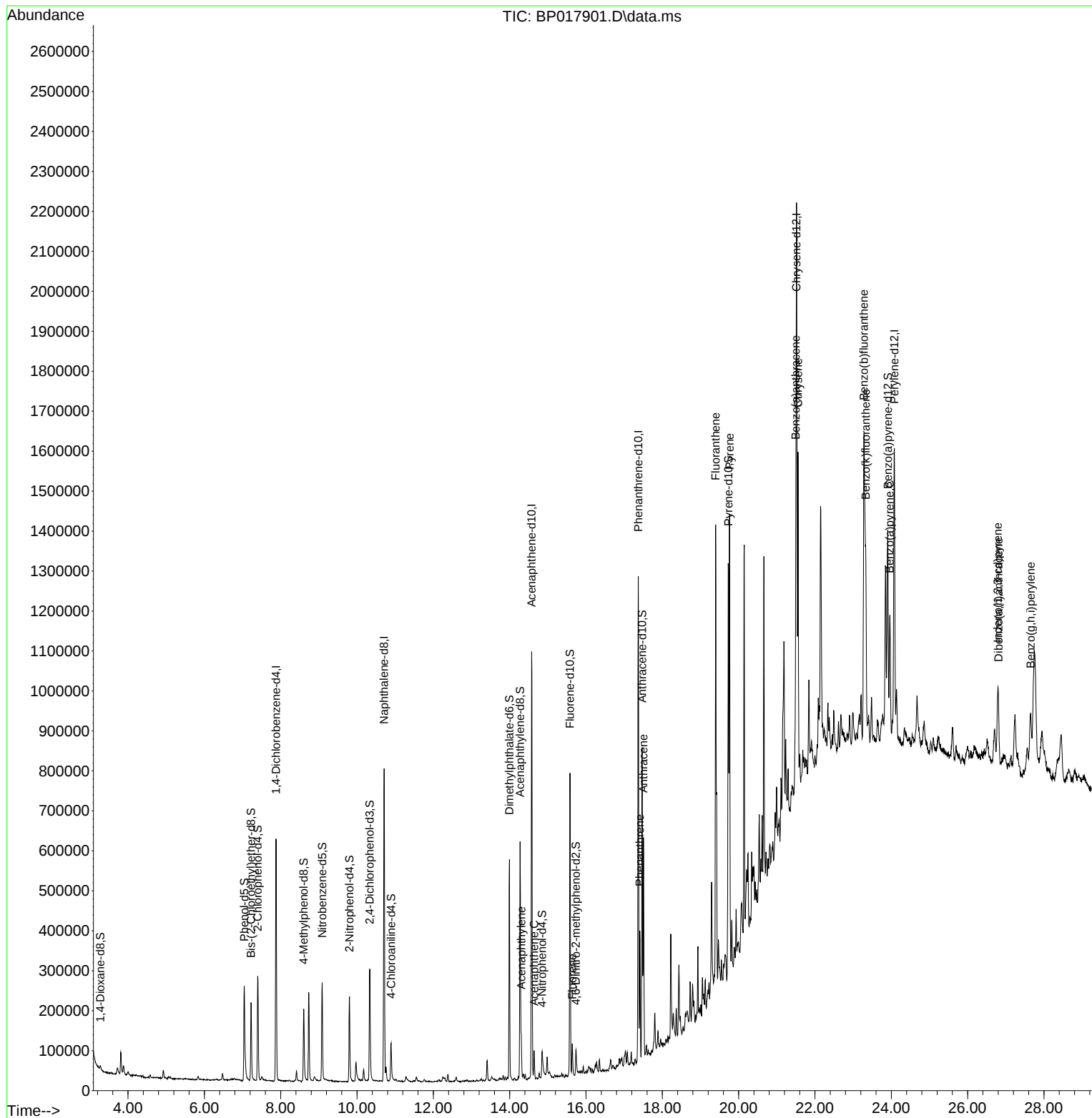
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
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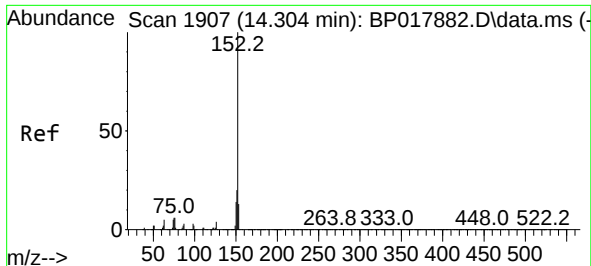
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 Quant Title : SVOA CALIBRATION
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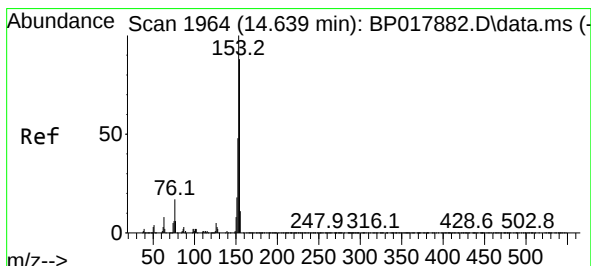
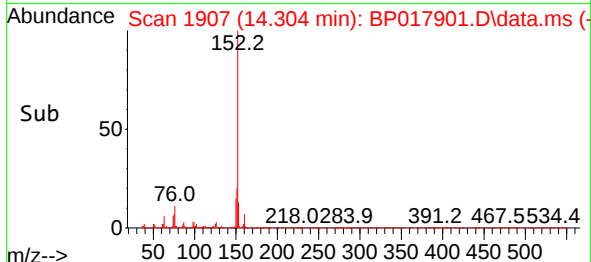
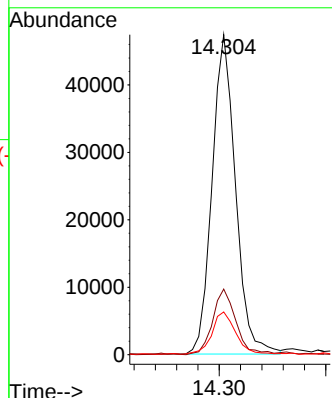
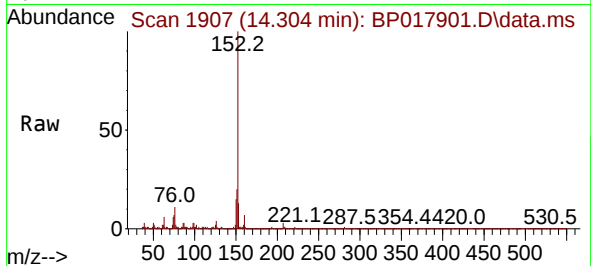
#50
Acenaphthylene
Concen: 2.018 ng/ul
RT: 14.304 min Scan# 1907
Delta R.T. -0.006 min
Lab File: BP017901.D
Acq: 02 Nov 2023 23:25

Instrument :
BNA_P
ClientSampleId :
DCKG0

Tgt Ion:152 Resp: 72158
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 13.4 10.8 16.2

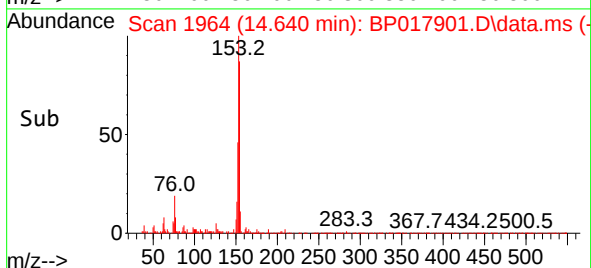
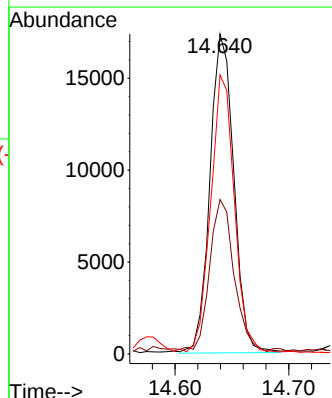
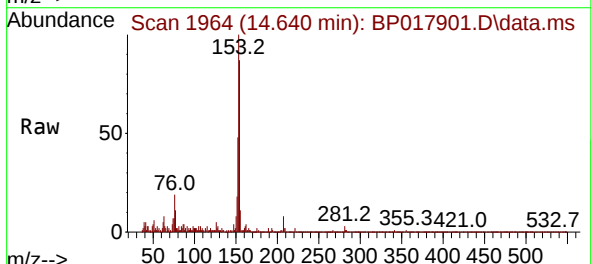
Manual Integrations
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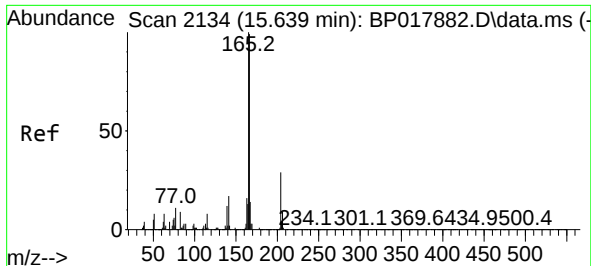
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023



#52
Acenaphthene
Concen: 1.049 ng/ul
RT: 14.640 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BP017901.D
Acq: 02 Nov 2023 23:25

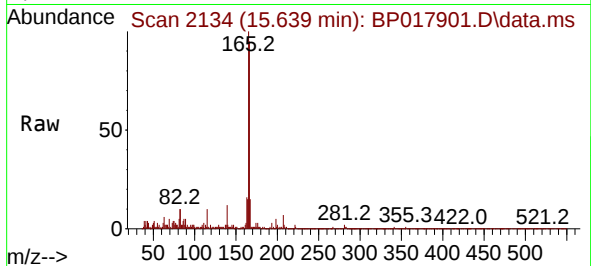
Tgt Ion:153 Resp: 25354
Ion Ratio Lower Upper
153 100
152 48.3 37.6 56.4
154 87.1 70.0 105.0





#61
Fluorene
Concen: 1.147 ng/ul
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP017901.D
Acq: 02 Nov 2023 23:25

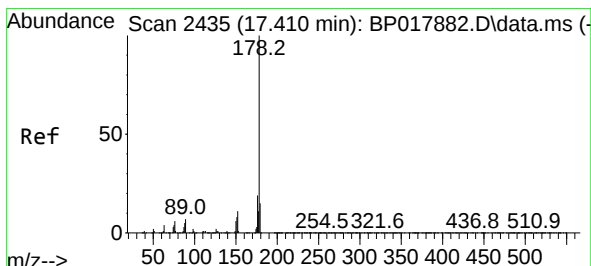
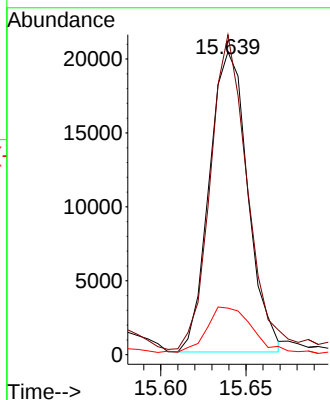
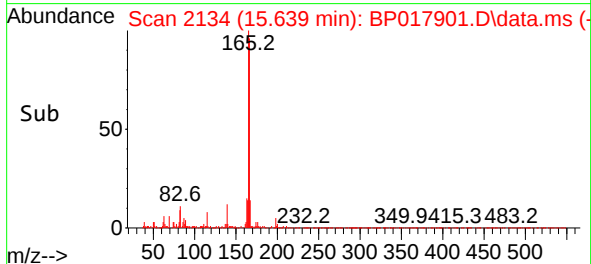
Instrument :
BNA_P
ClientSampleId :
DCKG0



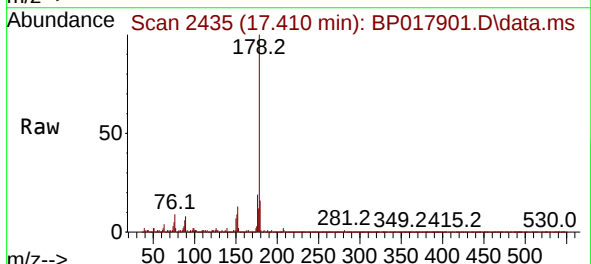
Tgt Ion:166 Resp: 3197
Ion Ratio Lower Upper
166 100
165 105.7 77.4 116.0
167 15.4 10.9 16.3

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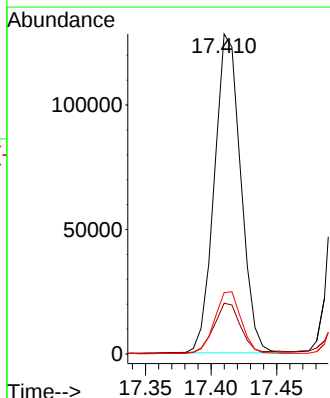
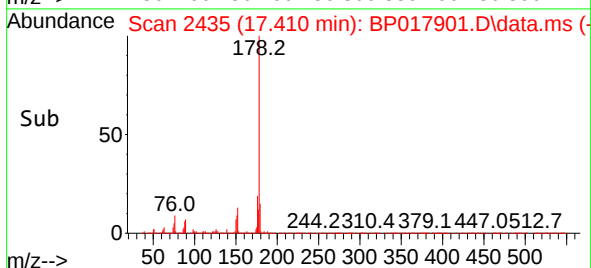
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023

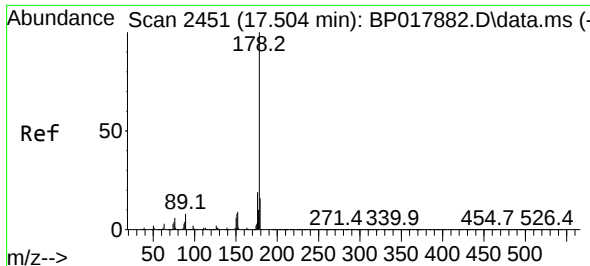


#72
Phenanthrene
Concen: 4.530 ng/ul
RT: 17.410 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP017901.D
Acq: 02 Nov 2023 23:25



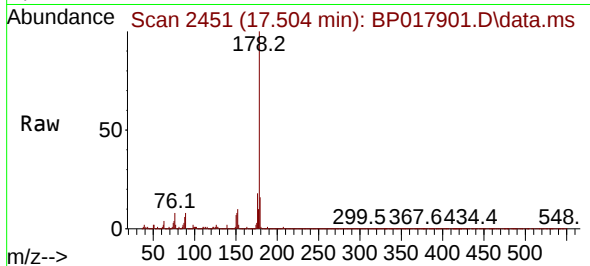
Tgt Ion:178 Resp: 179335
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.2
176 19.1 15.3 22.9





#74
 Anthracene
 Concen: 7.890 ng/ul
 RT: 17.504 min Scan# 2451
 Delta R.T. -0.006 min
 Lab File: BP017901.D
 Acq: 02 Nov 2023 23:25

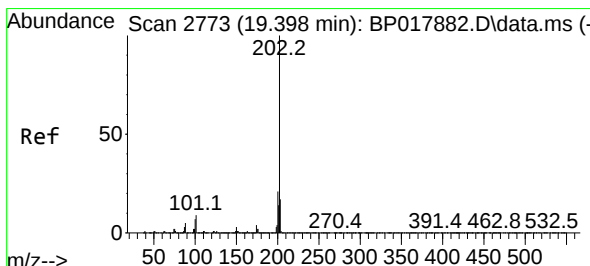
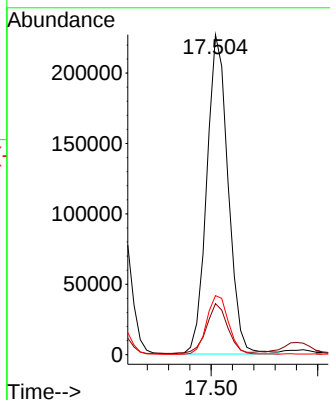
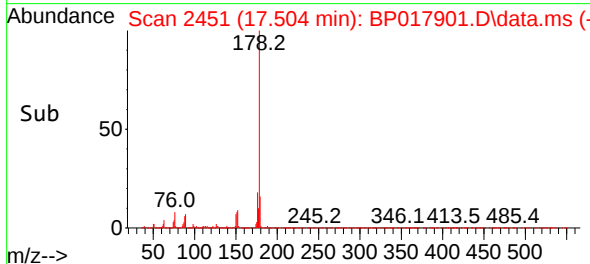
Instrument :
 BNA_P
 ClientSampleId :
 DCKG0



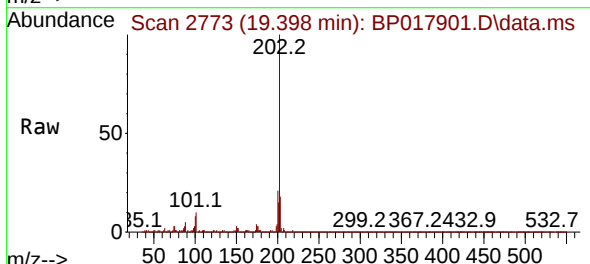
Tgt Ion:178 Resp: 316379
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.0 18.0
 176 18.5 14.8 22.2

Manual Integrations
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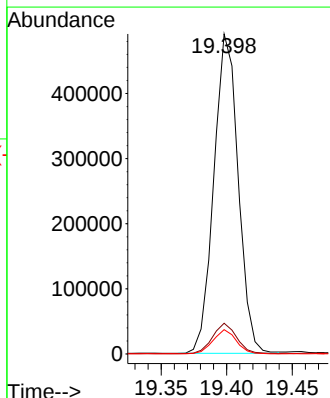
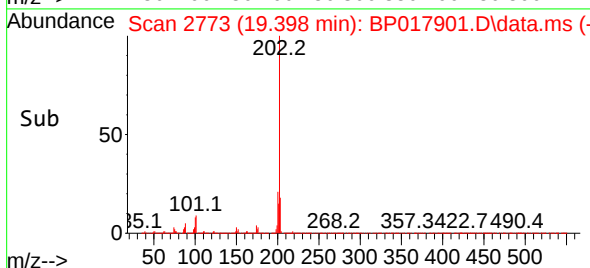
Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/04/2023

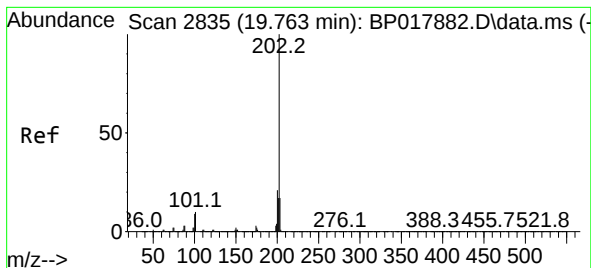


#80
 Fluoranthene
 Concen: 16.594 ng/ul
 RT: 19.398 min Scan# 2773
 Delta R.T. -0.006 min
 Lab File: BP017901.D
 Acq: 02 Nov 2023 23:25



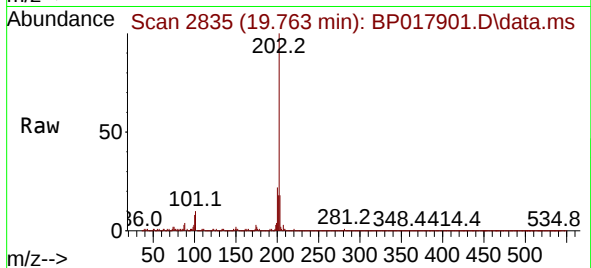
Tgt Ion:202 Resp: 633619
 Ion Ratio Lower Upper
 202 100
 101 9.6 7.1 10.7
 100 7.6 5.7 8.5





#82
Pyrene
Concen: 16.425 ng/ul
RT: 19.763 min Scan# 2835
Delta R.T. -0.000 min
Lab File: BP017901.D
Acq: 02 Nov 2023 23:25

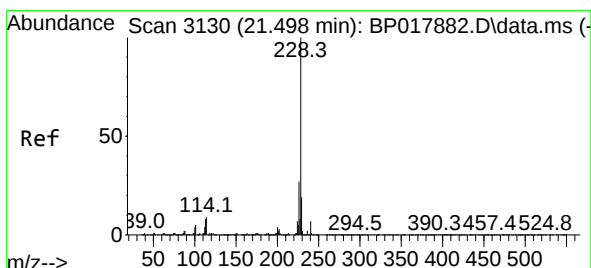
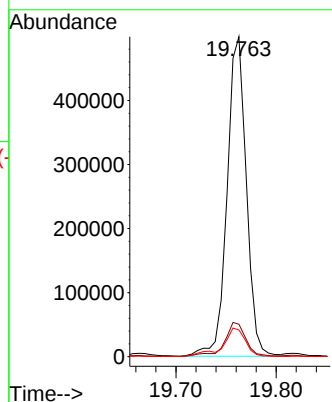
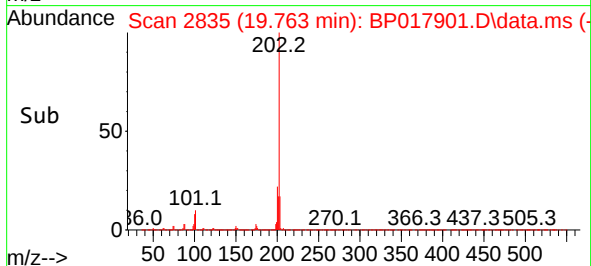
Instrument :
BNA_P
ClientSampleId :
DCKG0



Tgt Ion:202 Resp: 664480
Ion Ratio Lower Upper
202 100
101 10.1 8.3 12.5
100 8.3 7.4 11.0

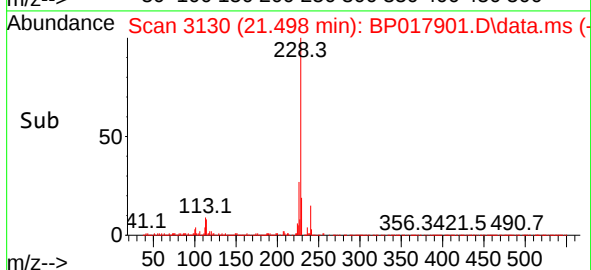
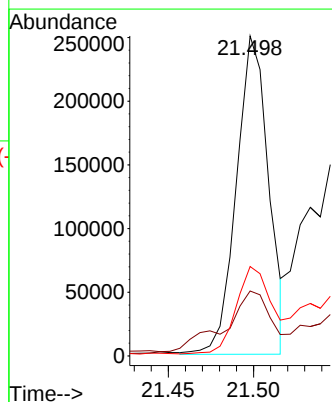
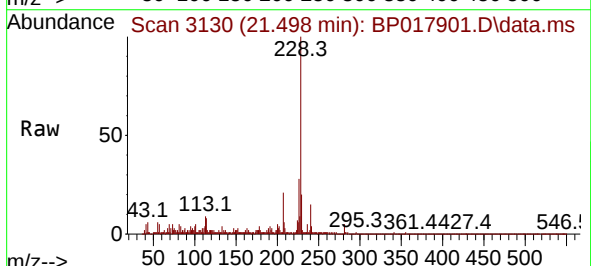
Manual Integrations
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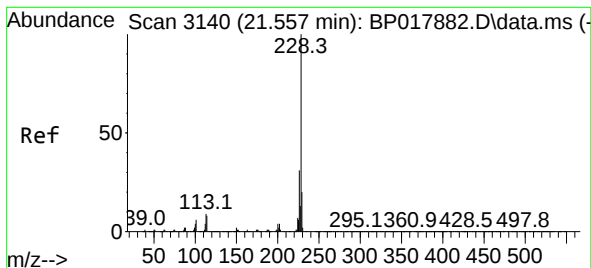
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023



#85
Benzo(a)anthracene
Concen: 8.163 ng/ul
RT: 21.498 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BP017901.D
Acq: 02 Nov 2023 23:25

Tgt Ion:228 Resp: 328975
Ion Ratio Lower Upper
228 100
229 20.3 15.6 23.4
226 28.0 21.1 31.7





#87

Chrysene

Concen: 13.153 ng/ul m

RT: 21.557 min Scan# 3140

Delta R.T. -0.000 min

Lab File: BP017901.D

Acq: 02 Nov 2023 23:25

Instrument :

BNA_P

ClientSampleId :

DCKG0

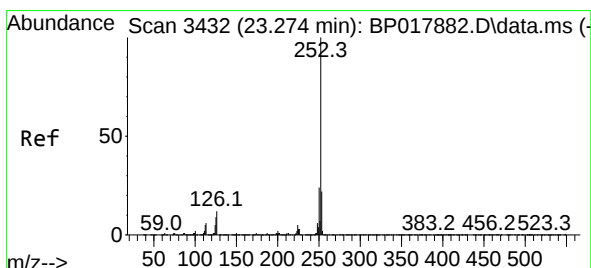
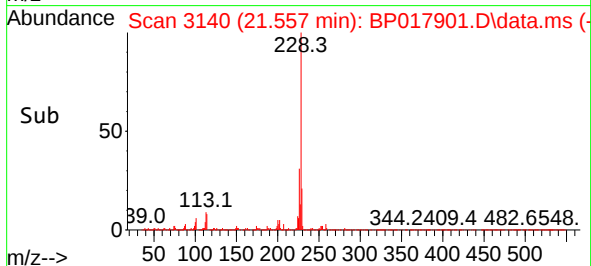
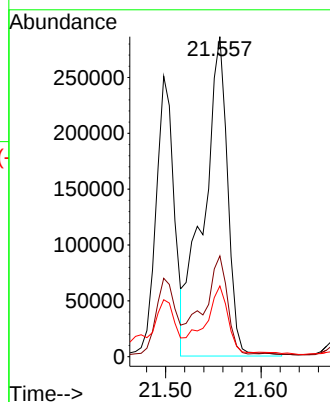
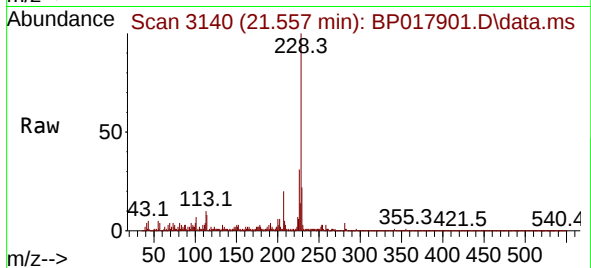
Tgt Ion:	228	Resp:	501269
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.0	36.0
229	22.1	15.5	23.3

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 17.903 ng/ul

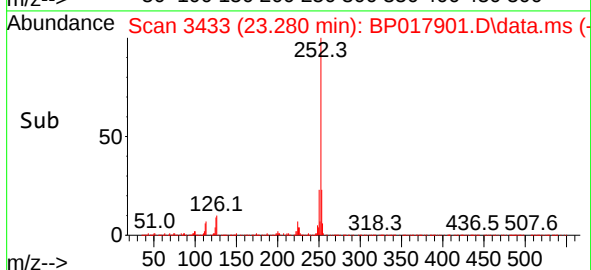
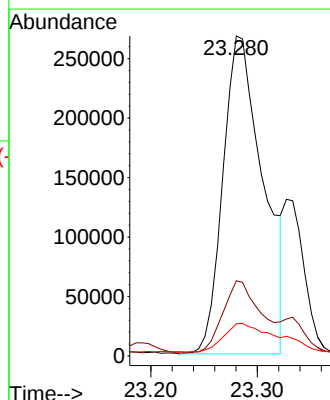
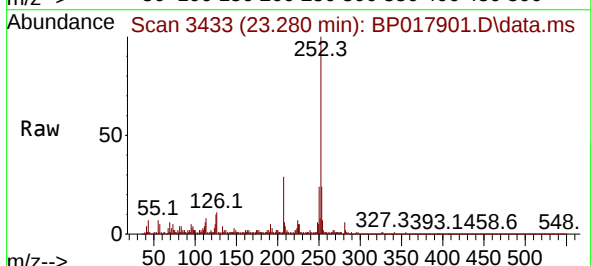
RT: 23.280 min Scan# 3433

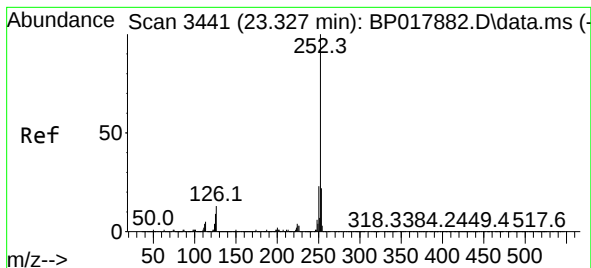
Delta R.T. 0.006 min

Lab File: BP017901.D

Acq: 02 Nov 2023 23:25

Tgt Ion:	252	Resp:	701413
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.4	26.0
125	10.1	7.1	10.7





#91

Benzo(k)fluoranthene

Concen: 4.318 ng/ul m

RT: 23.327 min Scan# 3441

Delta R.T. -0.000 min

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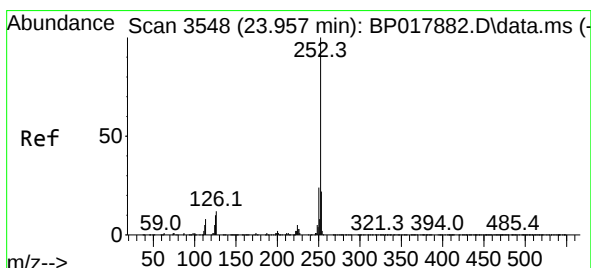
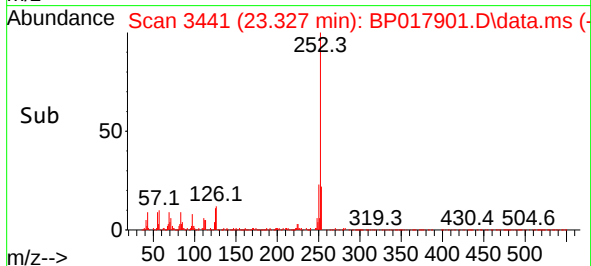
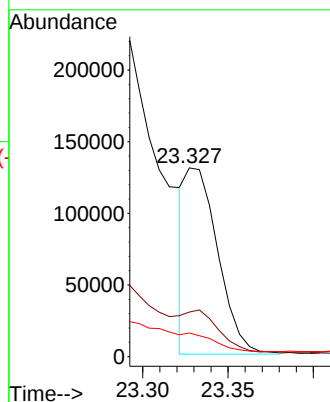
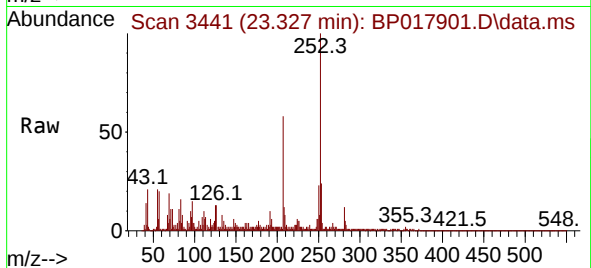
Tgt Ion:252	Resp:	171462
Ion Ratio	Lower	Upper
252	100	
253	23.6	17.5 26.3
125	12.6	7.0 10.6

Manual Integrations

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Supervised By :mohammad ahmed 11/04/2023



#93

Benzo(a)pyrene

Concen: 6.058 ng/ul

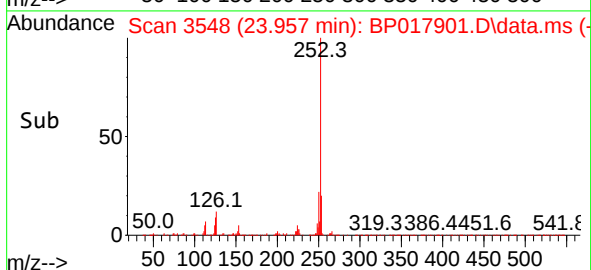
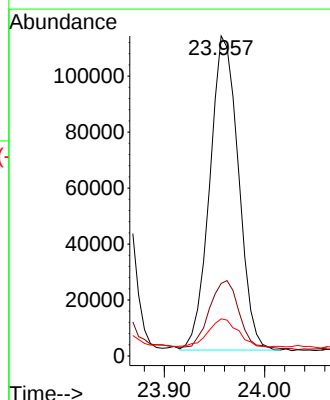
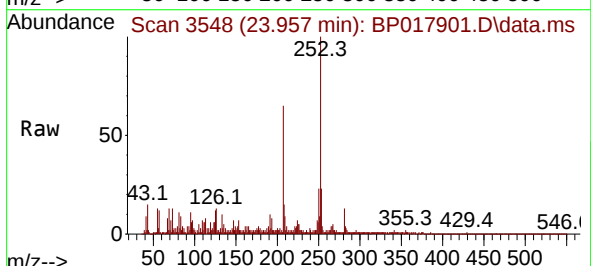
RT: 23.957 min Scan# 3548

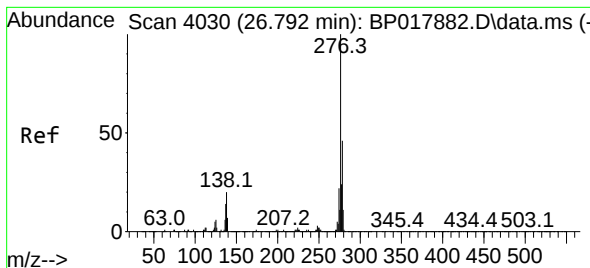
Delta R.T. -0.000 min

Lab File: BP017901.D

Acq: 02 Nov 2023 23:25

Tgt Ion:252	Resp:	222816
Ion Ratio	Lower	Upper
252	100	
253	22.7	17.4 26.2
125	11.6	7.8 11.6





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.027 ng/ul

RT: 26.792 min Scan# 4030

Delta R.T. 0.012 min

Lab File: BP017901.D

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DCKG0

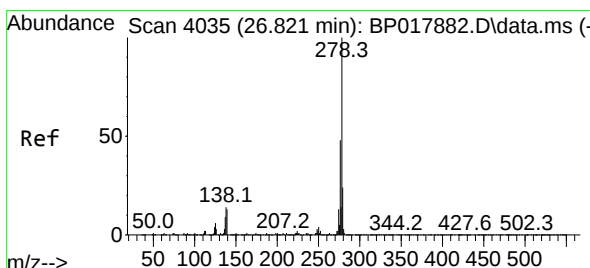
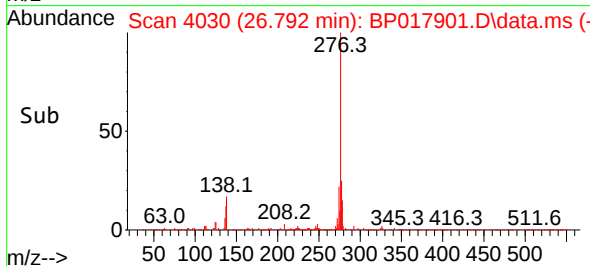
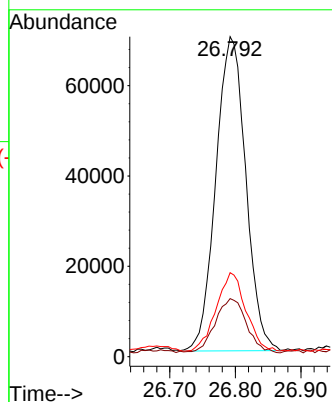
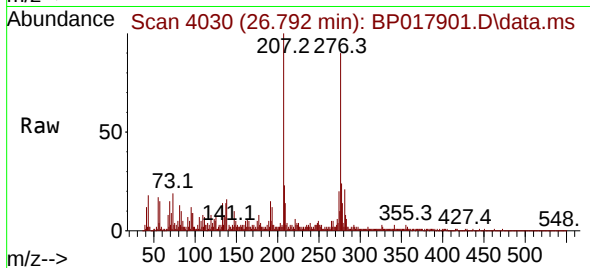
Tgt Ion:	276	Resp:	22037
Ion Ratio	Lower	Upper	
276	100		
138	18.2	15.6	23.4
277	26.2	19.4	29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/03/2023

Supervised By :mohammad ahmed 11/04/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.511 ng/ul m

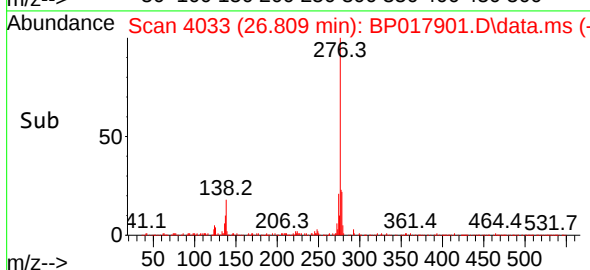
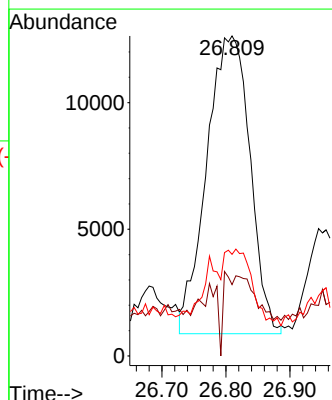
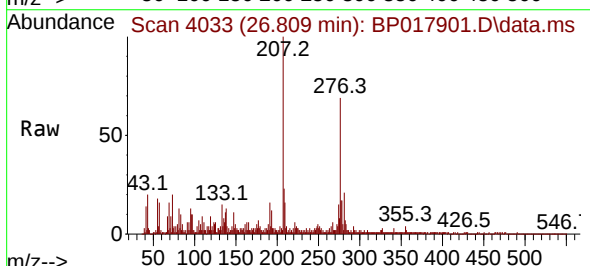
RT: 26.809 min Scan# 4033

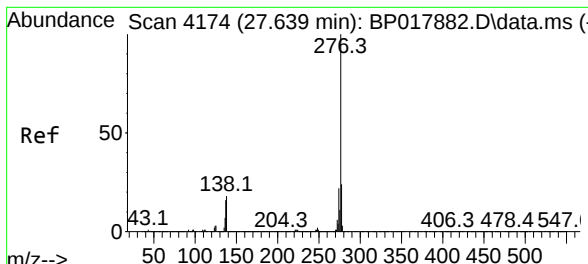
Delta R.T. -0.000 min

Lab File: BP017901.D

Acq: 02 Nov 2023 23:25

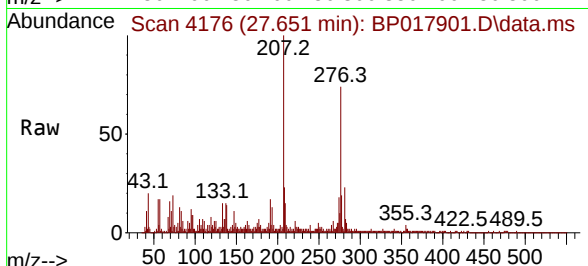
Tgt Ion:	278	Resp:	55268
Ion Ratio	Lower	Upper	
278	100		
139	22.3	11.4	17.2#
279	31.8	18.8	28.2#





#96
 Benzo(g,h,i)perylene
 Concen: 5.694 ng/ul
 RT: 27.651 min Scan# 4176
 Delta R.T. 0.023 min
 Lab File: BP017901.D
 Acq: 02 Nov 2023 23:25

Instrument :
 BNA_P
 ClientSampleId :
 DCKG0



Tgt Ion: 276 Resp: 201109

Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.0	22.6
277	25.5	18.5	27.7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/04/2023

