

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017906.D
 Acq On : 03 Nov 2023 02:47
 Operator : MA/JU
 Sample : 05060-14
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKH2

Manual Integrations APPROVED

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

Quant Time: Nov 03 03:40:50 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	141750	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.704	136	539676	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.575	164	306325	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.369	188	611212	20.000	ng/u1	0.00
79) Chrysene-d12	21.515	240	487598	20.000	ng/u1	0.00
88) Perylene-d12	24.074	264	521013	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	7097m	1.863	ng/uL	0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.046	99	139810	11.853	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	89304	12.259	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.398	132	117039	12.165	ng/u1	-0.01
15) 4-Methylphenol-d8	8.604	113	91868	9.918	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	57219	13.084	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.798	143	63442	13.130	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.328	165	107450	11.337	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.887	131	87900	7.086	ng/u1	0.00
46) Dimethylphthalate-d6	13.992	166	336241	13.076	ng/u1	-0.01
49) Acenaphthylene-d8	14.269	160	375312	13.087	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.845	143	23794m	6.494	ng/u1	0.02
60) Fluorene-d10	15.580	176	281656	12.671	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.733	200	17517	4.351	ng/u1	0.00
73) Anthracene-d10	17.469	188	410889	13.155	ng/u1	0.00
81) Pyrene-d10	19.727	212	468068	15.311	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.903	264	389466	13.421	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.304	152	54662	1.702	ng/u1	98
52) Acenaphthene	14.639	153	24744	1.139	ng/u1	96
61) Fluorene	15.639	166	40068	1.600	ng/u1	99
72) Phenanthrene	17.410	178	204872	5.722	ng/u1	100
74) Anthracene	17.504	178	509268	14.043	ng/u1	99
80) Fluoranthene	19.398	202	489375	13.933	ng/u1	100
82) Pyrene	19.757	202	518928	13.946	ng/u1	99
85) Benzo(a)anthracene	21.498	228	192822	5.202	ng/u1	96
87) Chrysene	21.551	228	287661m	8.206	ng/u1	
90) Benzo(b)fluoranthene	23.274	252	474611	13.385	ng/u1	99
91) Benzo(k)fluoranthene	23.327	252	121204	3.373	ng/u1	100
93) Benzo(a)pyrene	23.956	252	195052	5.859	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.786	276	185638	4.679	ng/u1	99
95) Dibenzo(a,h)anthracene	26.809	278	43831	1.324	ng/u1#	88
96) Benzo(g,h,i)perylene	27.639	276	161493	5.052	ng/u1	97

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

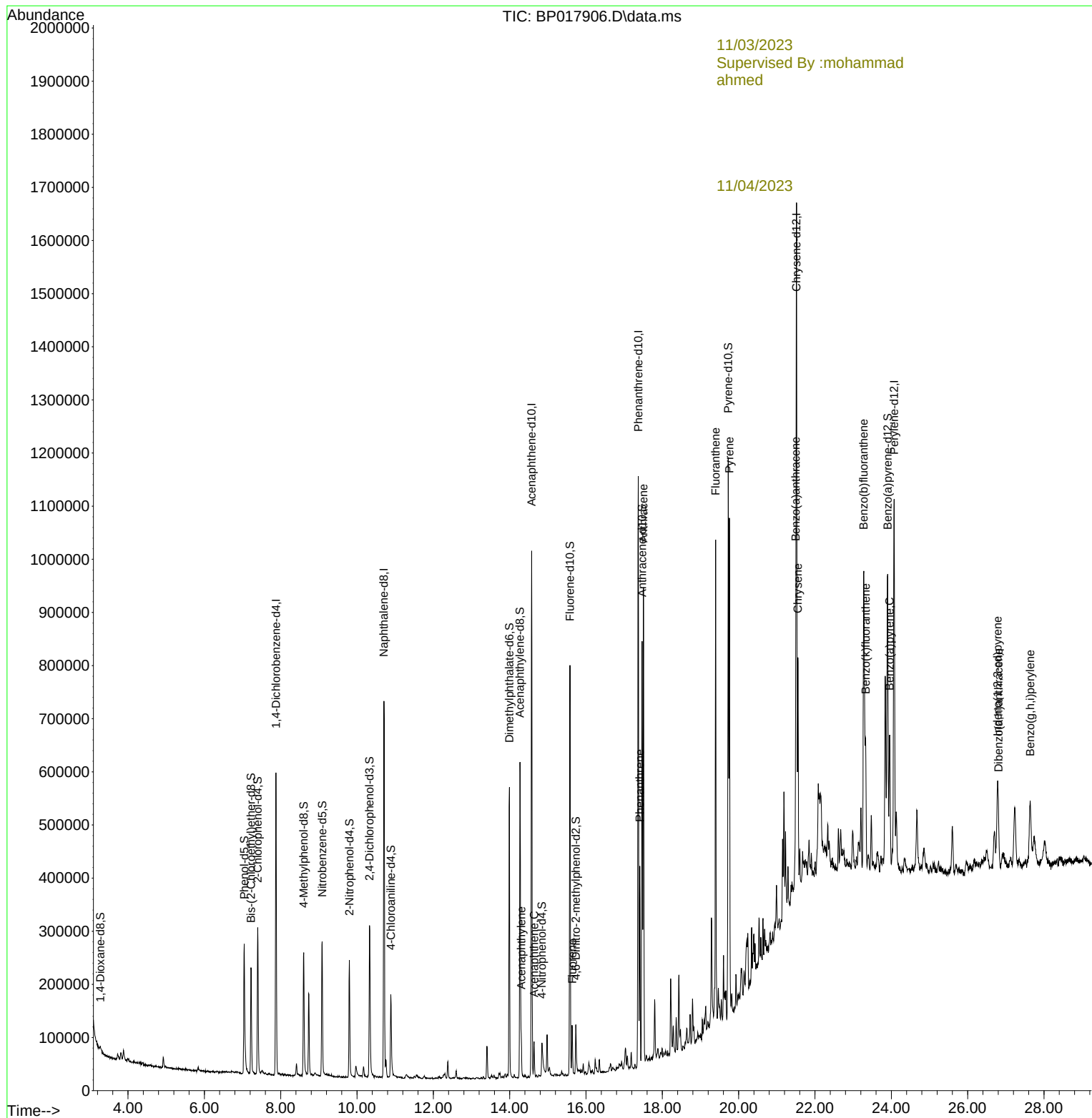
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017906.D
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 ALS Vial : 62 Sample Multiplier: 1

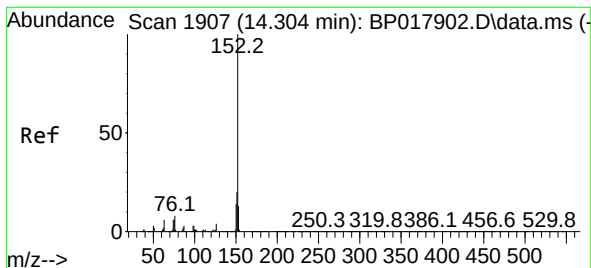
Instrument :
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#50

Acenaphthylene

Concen: 1.702 ng/ul

RT: 14.304 min Scan# 1907

Delta R.T. -0.006 min

Lab File: BP017906.D

Acq: 03 Nov 2023 02:47

Instrument :

BNA_P

ClientSampleId :

DCKH2

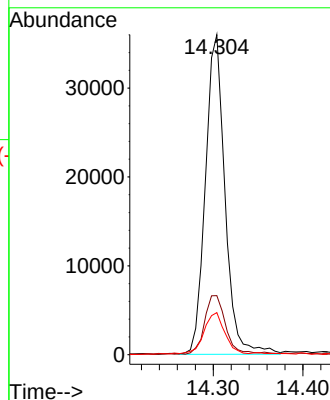
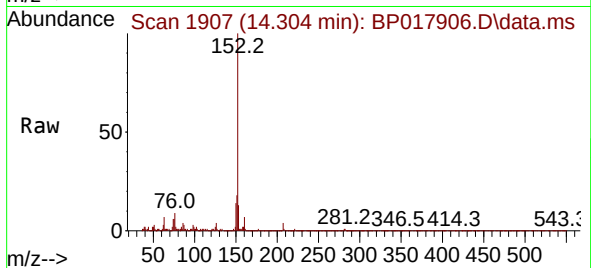
Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.9	23.9
153	13.1	10.8	16.2

Manual Integrations

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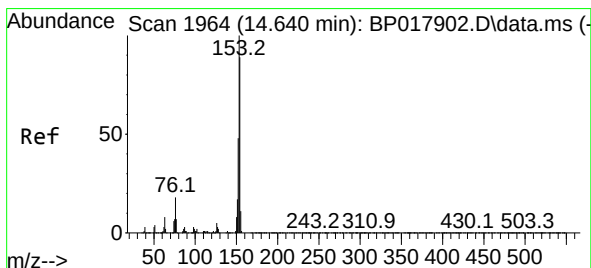
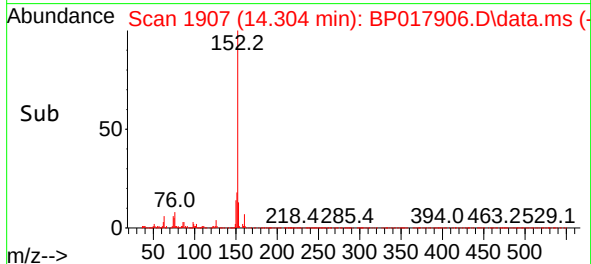
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ahmed

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#52

Acenaphthene

Concen: 1.139 ng/ul

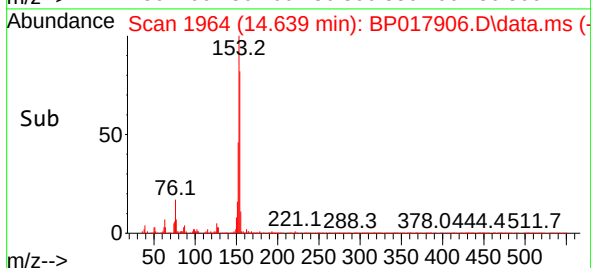
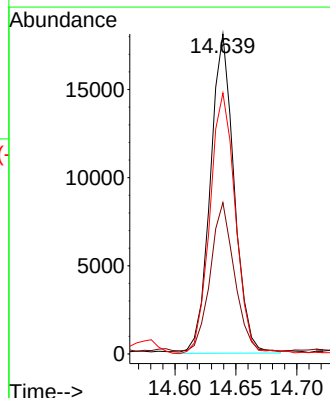
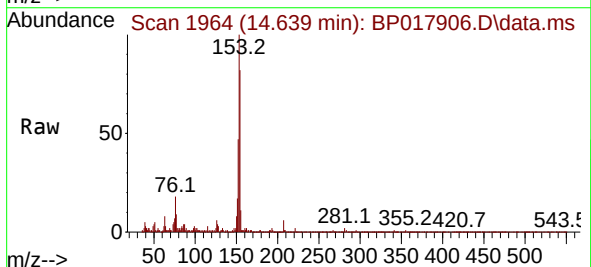
RT: 14.639 min Scan# 1964

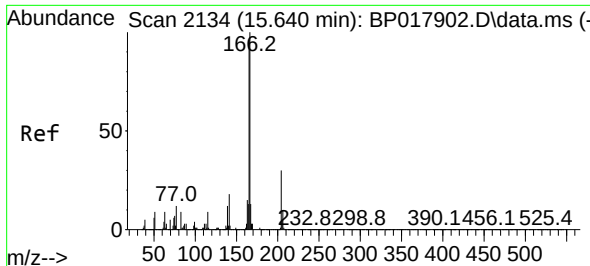
Delta R.T. -0.012 min

Lab File: BP017906.D

Acq: 03 Nov 2023 02:47

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.3	37.6	56.4
154	81.5	70.0	105.0





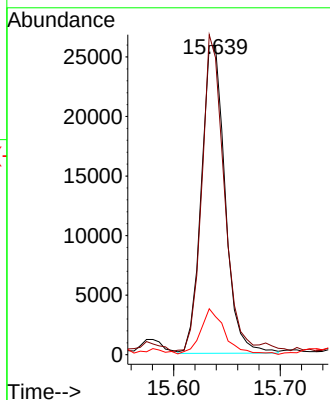
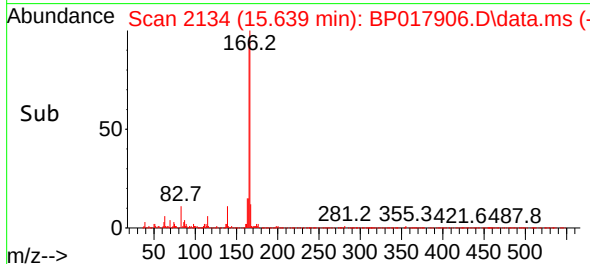
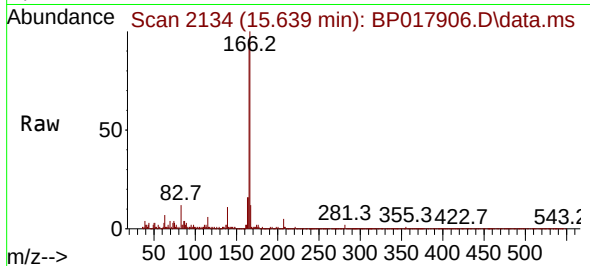
#61
Fluorene
Concen: 1.600 ng/ul
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP017906.D
Acq: 03 Nov 2023 02:47

Instrument :
BNA_P
ClientSampleId :
DCKH2

Tgt Ion:166 Resp: 40068
Ion Ratio Lower Upper
166 100
165 96.1 77.4 116.0
167 12.3 10.9 16.3

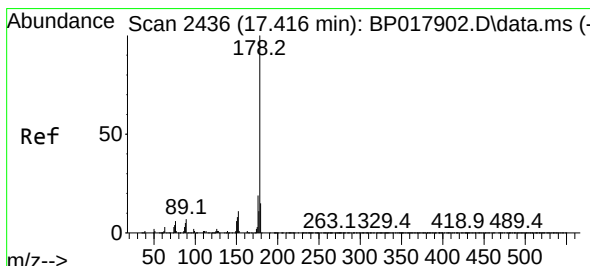
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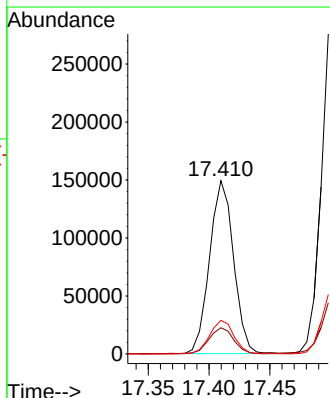
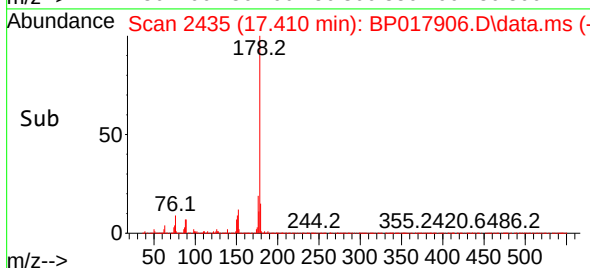
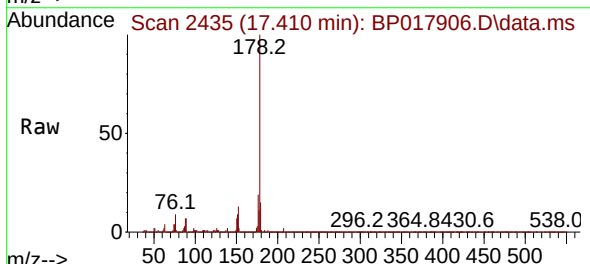
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ahmed

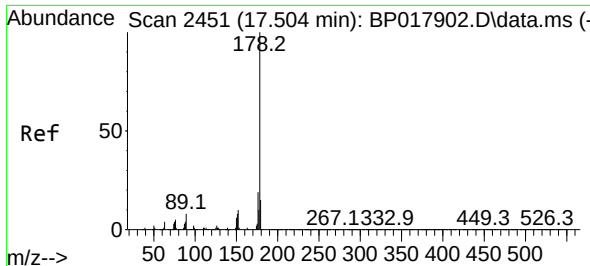
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#72
Phenanthrene
Concen: 5.722 ng/ul
RT: 17.410 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP017906.D
Acq: 03 Nov 2023 02:47

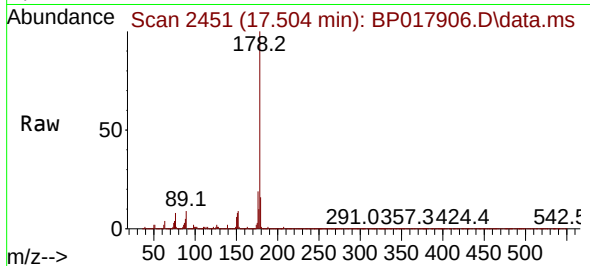
Tgt Ion:178 Resp: 204872
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 19.4 15.3 22.9





#74
 Anthracene
 Concen: 14.043 ng/ul
 RT: 17.504 min Scan# 2451
 Delta R.T. -0.006 min
 Lab File: BP017906.D
 Acq: 03 Nov 2023 02:47

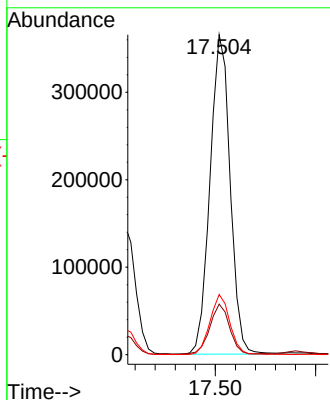
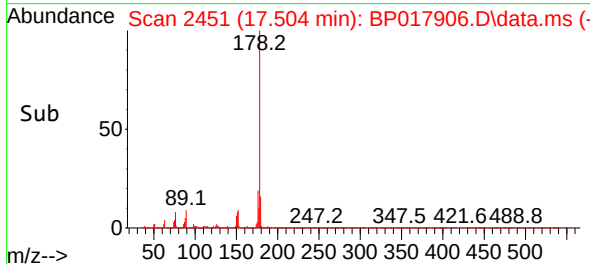
Instrument :
 BNA_P
 ClientSampleId :
 DCKH2



Tgt Ion:178 Resp: 509268
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.0 18.0
 176 18.8 14.8 22.2

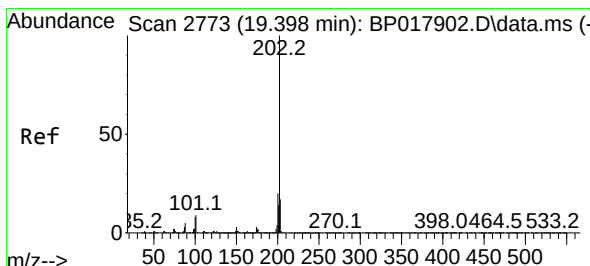
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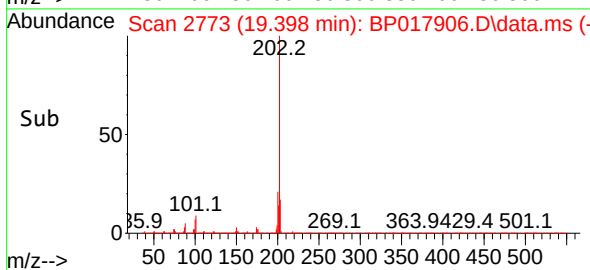
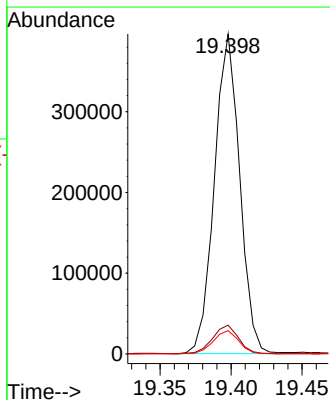
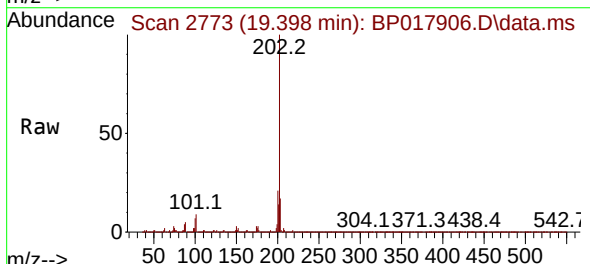
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 ahmed

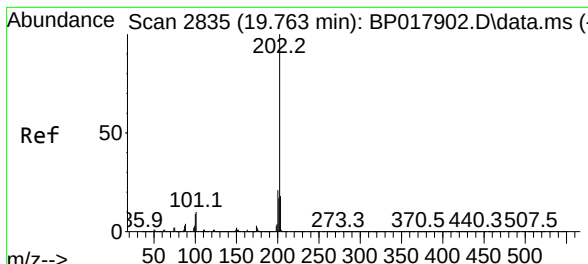
11/04/2023



#80
 Fluoranthene
 Concen: 13.933 ng/ul
 RT: 19.398 min Scan# 2773
 Delta R.T. -0.006 min
 Lab File: BP017906.D
 Acq: 03 Nov 2023 02:47

Tgt Ion:202 Resp: 489375
 Ion Ratio Lower Upper
 202 100
 101 9.0 7.1 10.7
 100 7.3 5.7 8.5





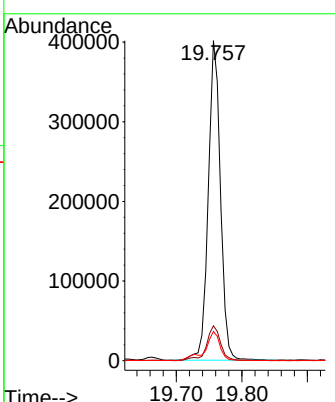
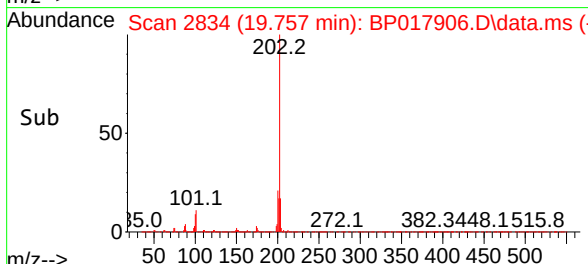
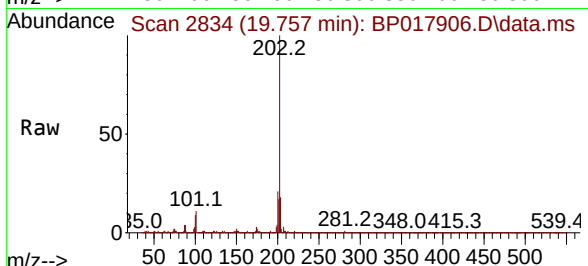
#82
 Pyrene
 Concen: 13.946 ng/ul
 RT: 19.757 min Scan# 2834
 Delta R.T. -0.006 min
 Lab File: BP017906.D
 Acq: 03 Nov 2023 02:47

Instrument : BNA_P
 ClientSampleId : DCKH2

Tgt Ion:	202	Resp:	518928
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.3	12.5
100	9.1	7.4	11.0

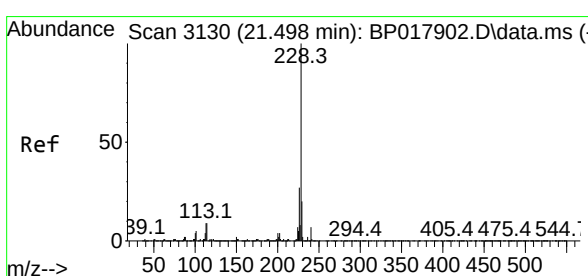
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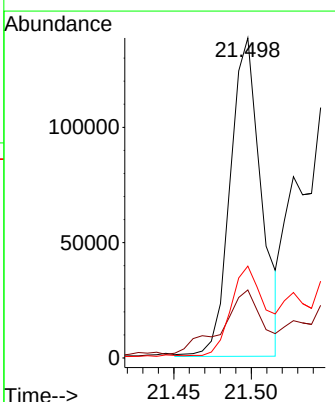
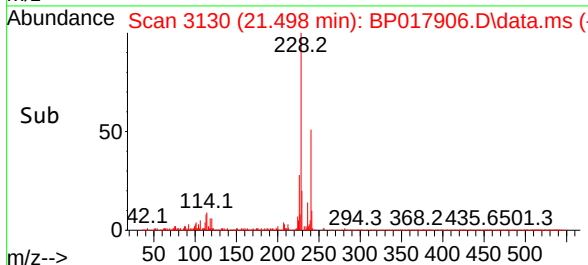
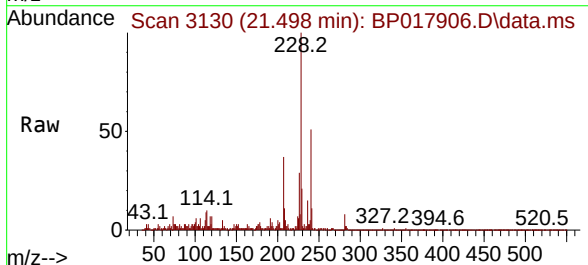
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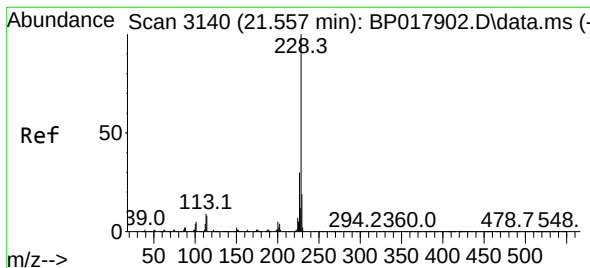
11/04/2023



#85
 Benzo(a)anthracene
 Concen: 5.202 ng/ul
 RT: 21.498 min Scan# 3130
 Delta R.T. -0.000 min
 Lab File: BP017906.D
 Acq: 03 Nov 2023 02:47

Tgt Ion:	228	Resp:	192822
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.6	23.4
226	28.7	21.1	31.7





#87

Chrysene

Concen: 8.206 ng/ul m

RT: 21.551 min Scan# 3140

Delta R.T. -0.006 min

Lab File: BP017906.D

Acq: 03 Nov 2023 02:47

Instrument :

BNA_P

ClientSampleId :

DCKH2

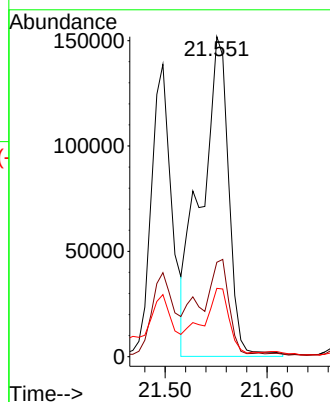
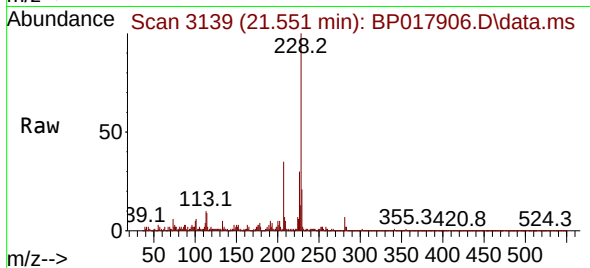
Tgt Ion:	228	Resp:	28766
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.0	36.0
229	21.3	15.5	23.3

Manual Integrations

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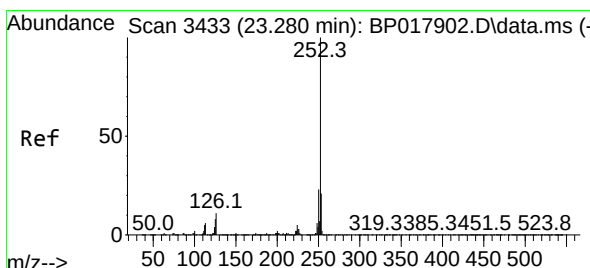
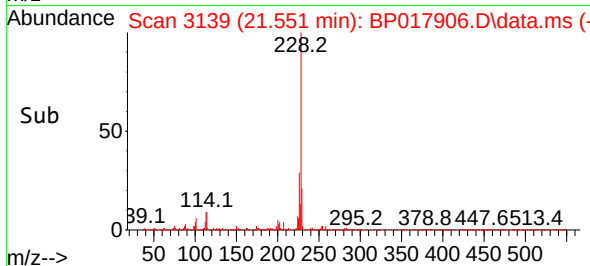
Supervised By :mohammad ahmed 11/04/2023



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ahmed

11/04/2023



#90

Benzo(b)fluoranthene

Concen: 13.385 ng/ul

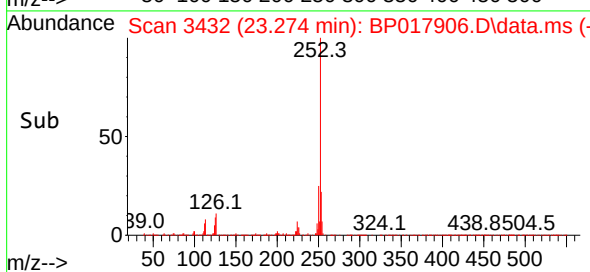
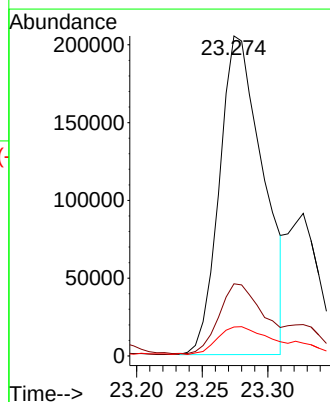
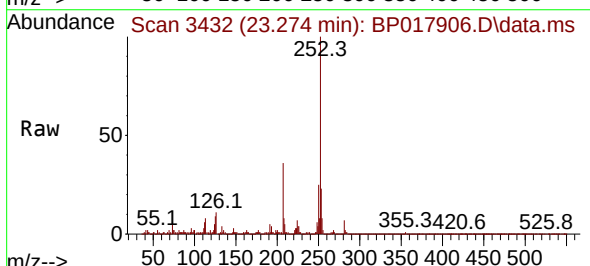
RT: 23.274 min Scan# 3432

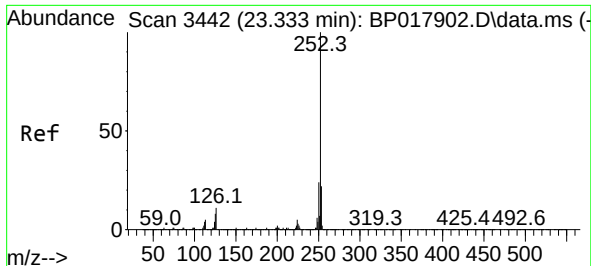
Delta R.T. -0.000 min

Lab File: BP017906.D

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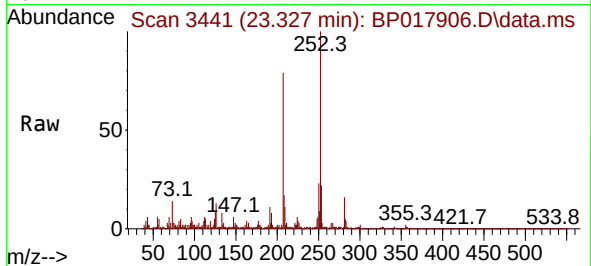
Tgt Ion:	252	Resp:	474611
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.0
125	9.1	7.1	10.7





#91
Benzo(k)fluoranthene
Concen: 3.373 ng/u1
RT: 23.327 min Scan# 3442
Delta R.T. -0.000 min
Lab File: BP017906.D
Acq: 03 Nov 2023 02:47

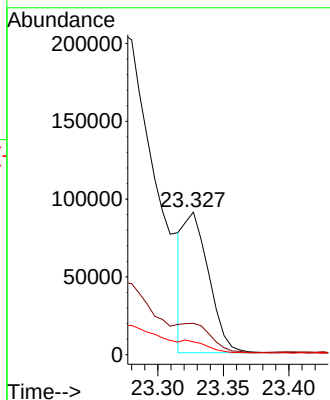
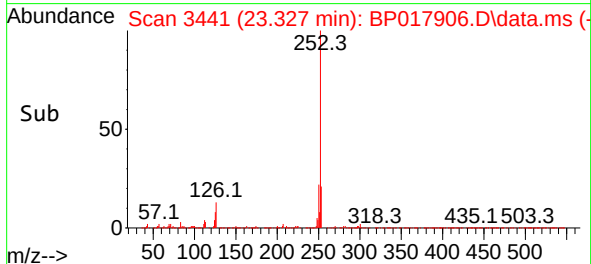
Instrument :
BNA_P
ClientSampleId :
DCKH2



Tgt Ion:252 Resp: 121204
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.0 7.0 10.6

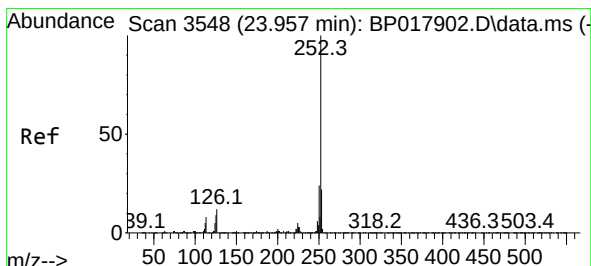
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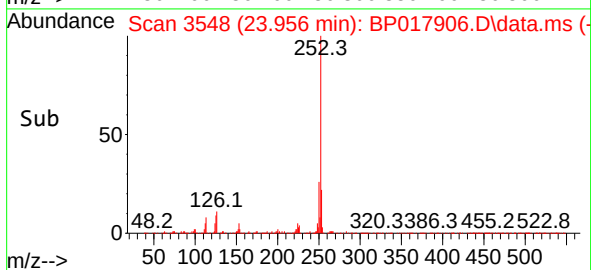
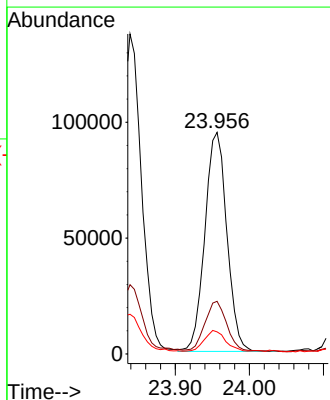
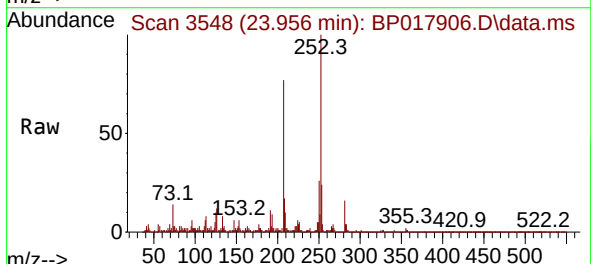
11/03/2023
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ahmed

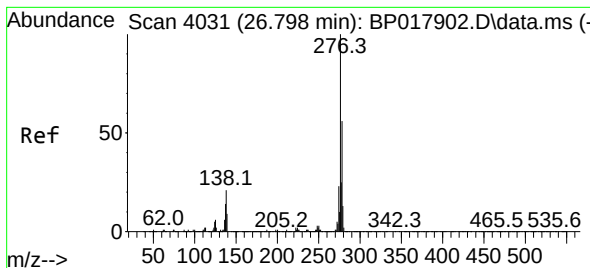
11/04/2023



#93
Benzo(a)pyrene
Concen: 5.859 ng/u1
RT: 23.956 min Scan# 3548
Delta R.T. -0.000 min
Lab File: BP017906.D
Acq: 03 Nov 2023 02:47

Tgt Ion:252 Resp: 195052
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.2
125 10.0 7.8 11.6





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.679 ng/ul

RT: 26.786 min Scan# 4029

Delta R.T. 0.006 min

Lab File: BP017906.D

Acq: 03 Nov 2023 02:47

Instrument :

BNP

ClientSampleId :

DCKH2

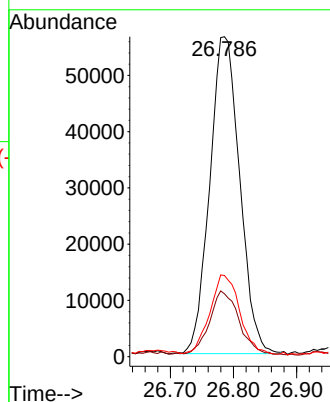
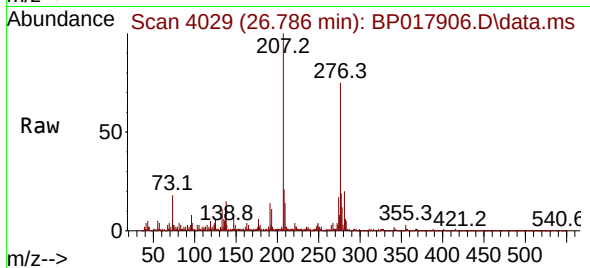
Tgt Ion:	276	Resp:	185638
Ion Ratio	Lower	Upper	
276	100		
138	19.7	15.6	23.4
277	25.3	19.4	29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/03/2023

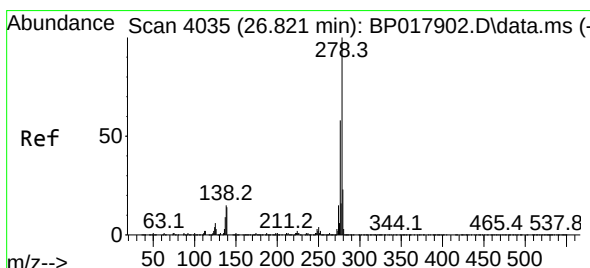
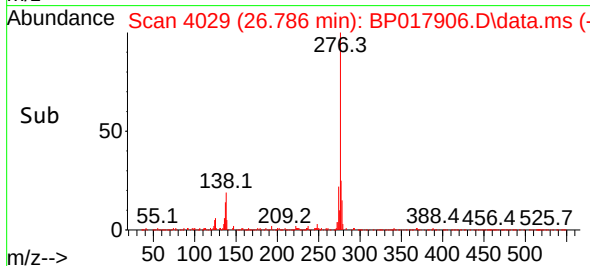
Supervised By :mohammad ahmed 11/04/2023



11/03/2023

Supervised By :mohammad
ahmed

11/04/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.324 ng/ul

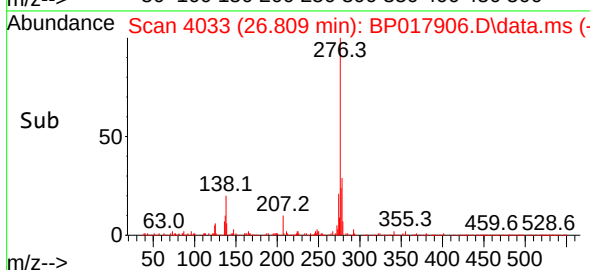
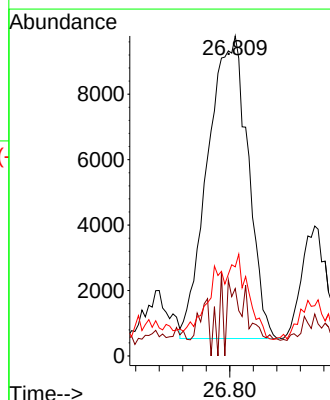
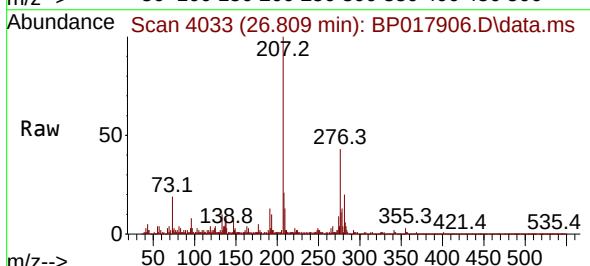
RT: 26.809 min Scan# 4033

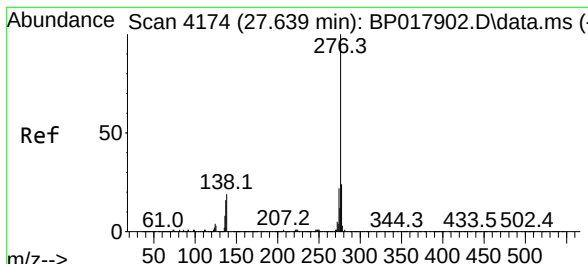
Delta R.T. -0.000 min

Lab File: BP017906.D

Acq: 03 Nov 2023 02:47

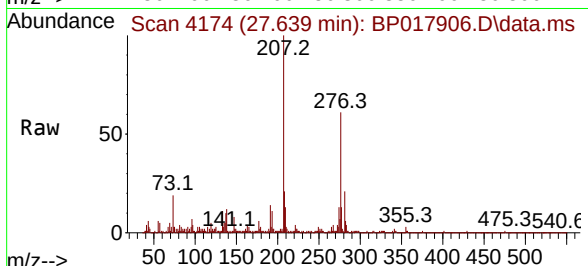
Tgt Ion:	278	Resp:	43831
Ion Ratio	Lower	Upper	
278	100		
139	21.1	11.4	17.2#
279	27.8	18.8	28.2





#96
 Benzo(g,h,i)perylene
 Concen: 5.052 ng/ul
 RT: 27.639 min Scan# 4174
 Delta R.T. 0.011 min
 Lab File: BP017906.D
 Acq: 03 Nov 2023 02:47

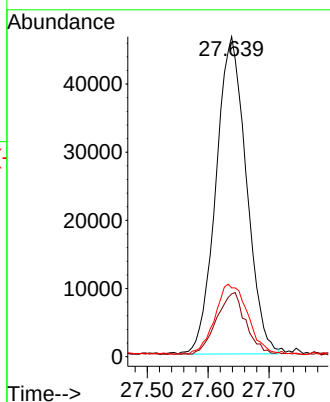
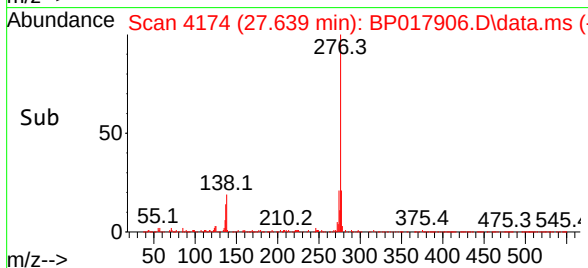
Instrument :
 BNA_P
 ClientSampleId :
 DCKH2



Tgt Ion:	276	Resp:	16149
Ion Ratio	Lower	Upper	
276	100		
138	19.6	15.0	22.6
277	21.5	18.5	27.7

Manual Integrations
 APPROVED

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



11/03/2023
 Supervised By :mohammad
 ahmed

11/04/2023