

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017900.D
 Acq On : 02 Nov 2023 22:51
 Operator : MA/JU
 Sample : 05060-09
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKG7

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 01:03:09 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	145753	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.710	136	541739	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.575	164	303883	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.369	188	605337	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	482105	20.000	ng/u1	0.00
88) Perylene-d12	24.080	264	520120	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	5651	1.442	ng/uL	0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.046	99	110675	9.125	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	72695	9.705	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.399	132	95609	9.665	ng/u1	-0.01
15) 4-Methylphenol-d8	8.605	113	75031	7.878	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	45346	10.330	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.805	143	48870	10.076	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	88289m	9.280	ng/u1	0.00
31) 4-Chloroaniline-d4	10.893	131	39506	3.173	ng/u1	0.00
46) Dimethylphthalate-d6	13.993	166	275128	10.785	ng/u1	-0.01
49) Acenaphthylene-d8	14.275	160	303147	10.656	ng/u1	0.00
54) 4-Nitrophenol-d4	14.851	143	21585m	5.938	ng/u1	0.02
60) Fluorene-d10	15.581	176	234254	10.623	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.740	200	10986	2.755	ng/u1	0.00
73) Anthracene-d10	17.469	188	341955	11.054	ng/u1	0.00
81) Pyrene-d10	19.733	212	370661	12.263	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.910	264	318266	10.986	ng/u1	0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.304	152	32892	1.032	ng/u1	96
72) Phenanthrene	17.410	178	125551	3.541	ng/u1	98
74) Anthracene	17.504	178	185792	5.173	ng/u1	97
80) Fluoranthene	19.398	202	353025	10.166	ng/u1	100
82) Pyrene	19.757	202	384314	10.446	ng/u1	100
85) Benzo(a)anthracene	21.498	228	188650	5.147	ng/u1	94
87) Chrysene	21.557	228	255311m	7.366	ng/u1	
90) Benzo(b)fluoranthene	23.280	252	354266	10.008	ng/u1#	94
91) Benzo(k)fluoranthene	23.327	252	93503m	2.606	ng/u1	
93) Benzo(a)pyrene	23.963	252	141634	4.262	ng/u1#	87
94) Indeno(1,2,3-cd)pyrene	26.792	276	101086	2.552	ng/u1	95
96) Benzo(g,h,i)perylene	27.657	276	90234m	2.828	ng/u1	

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

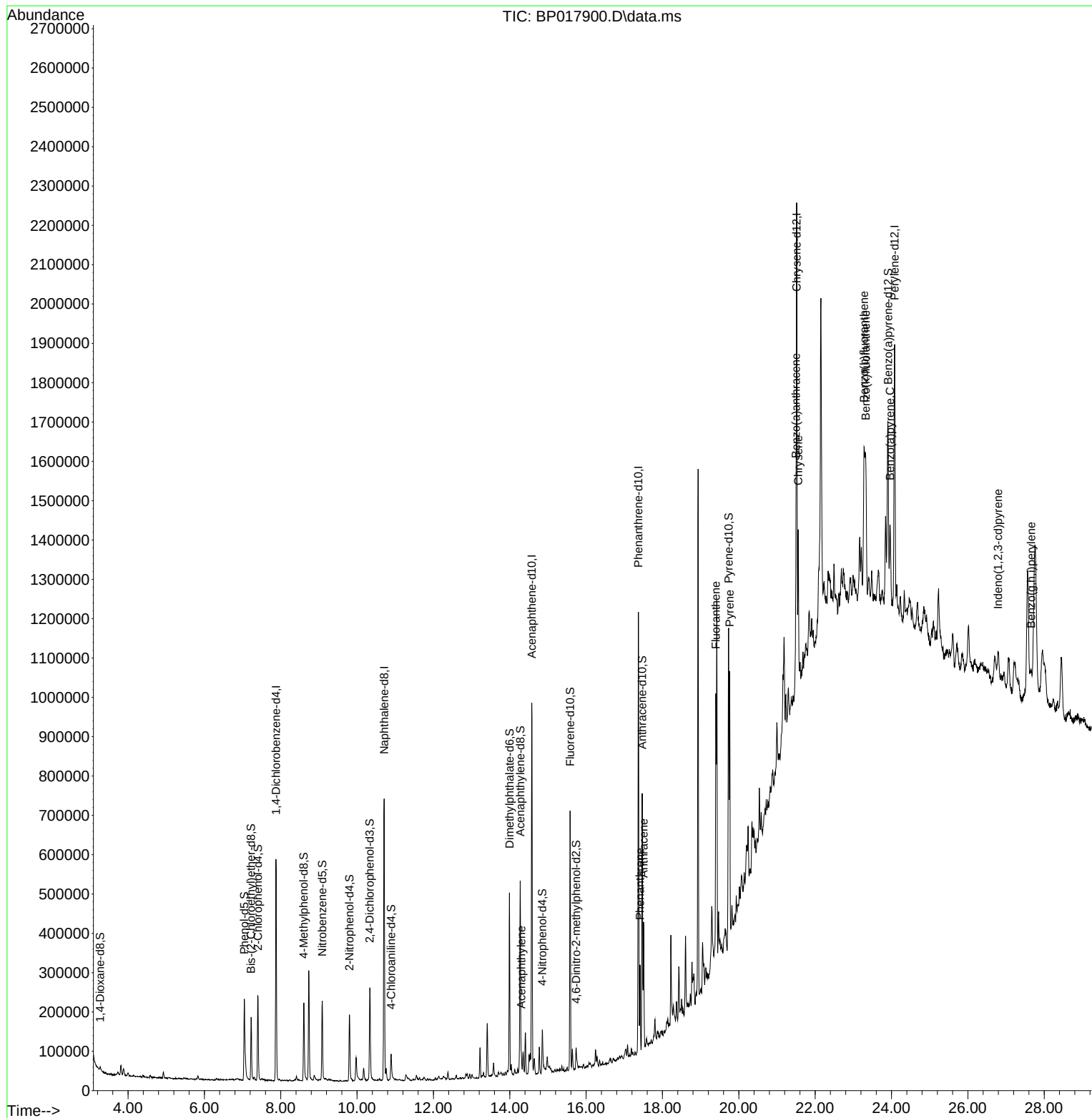
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017900.D
Acq On : 02 Nov 2023 22:51
Operator : MA/JU
Sample : 05060-09
Misc :
ALS Vial : 55 Sample Multiplier: 1

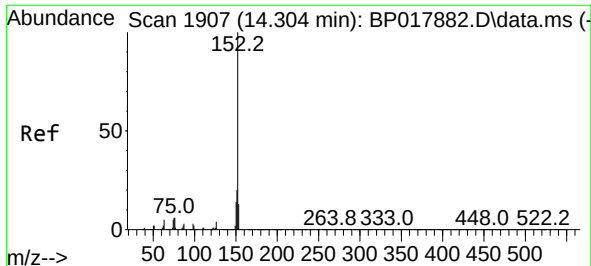
Instrument :
BNA_P
ClientSampleId :
DCKG7

Quant Time: Nov 03 01:03:09 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

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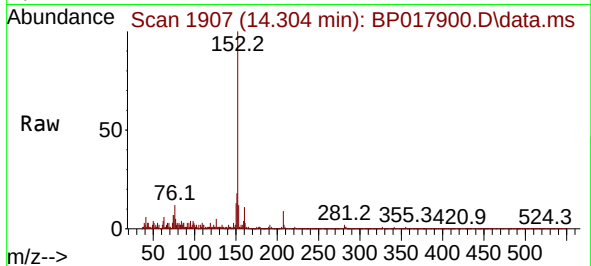
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023





#50
Acenaphthylene
Concen: 1.032 ng/ul
RT: 14.304 min Scan# 1907
Delta R.T. -0.006 min
Lab File: BP017900.D
Acq: 02 Nov 2023 22:51

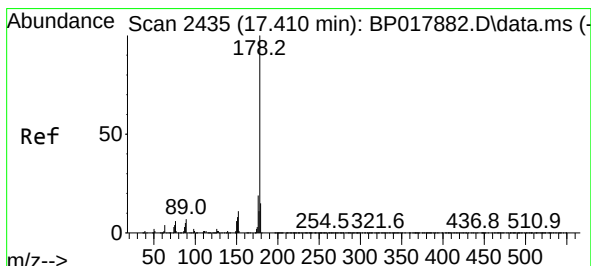
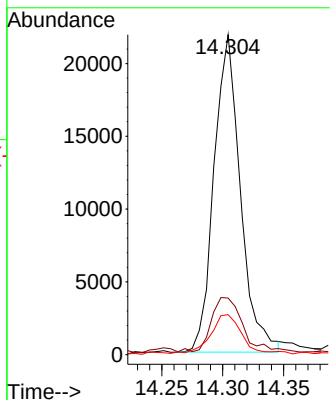
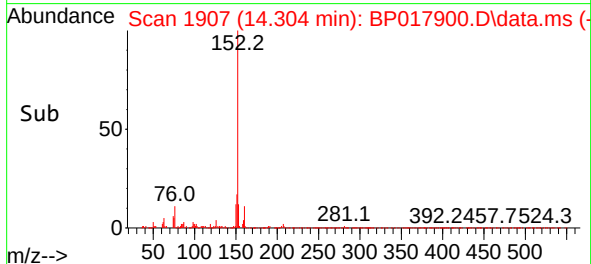
Instrument :
BNA_P
ClientSampleId :
DCKG7



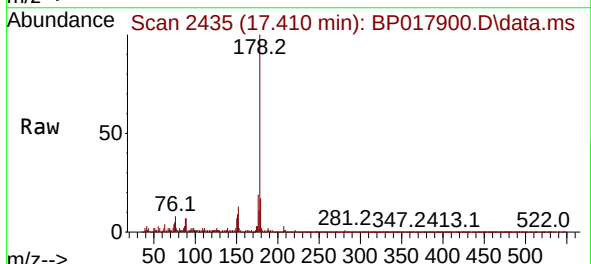
Tgt Ion:152 Resp: 32892
Ion Ratio Lower Upper
152 100
151 17.7 15.9 23.9
153 12.5 10.8 16.2

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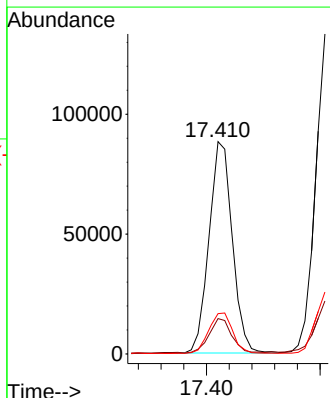
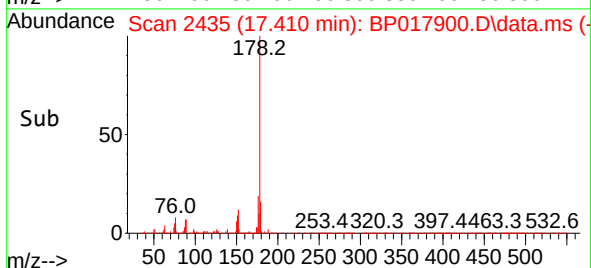
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023

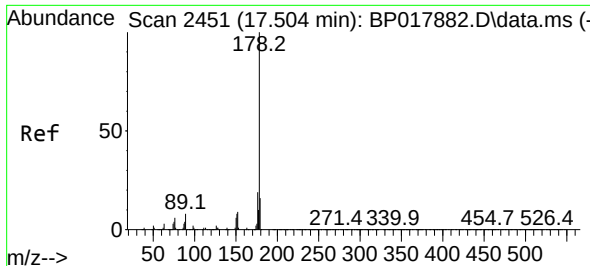


#72
Phenanthrene
Concen: 3.541 ng/ul
RT: 17.410 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP017900.D
Acq: 02 Nov 2023 22:51



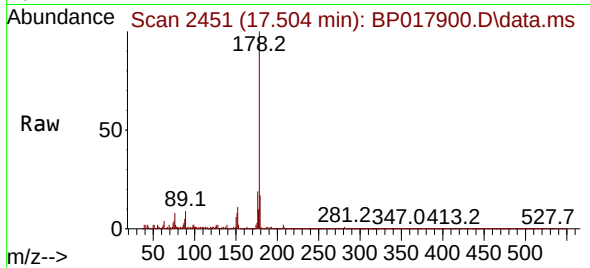
Tgt Ion:178 Resp: 125551
Ion Ratio Lower Upper
178 100
179 16.7 12.2 18.2
176 19.0 15.3 22.9





#74
 Anthracene
 Concen: 5.173 ng/ul
 RT: 17.504 min Scan# 2451
 Delta R.T. -0.006 min
 Lab File: BP017900.D
 Acq: 02 Nov 2023 22:51

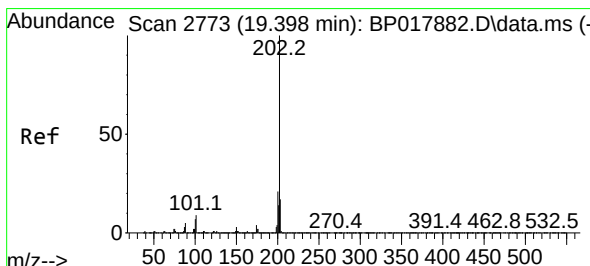
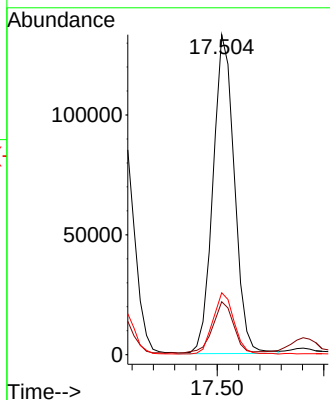
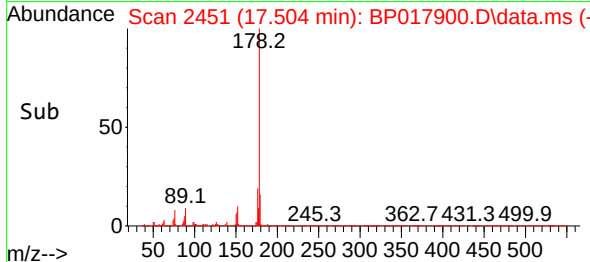
Instrument :
 BNA_P
 ClientSampleId :
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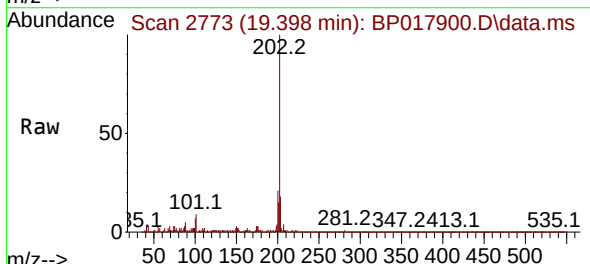
Tgt Ion:178 Resp: 185792
 Ion Ratio Lower Upper
 178 100
 179 16.6 12.0 18.0
 176 19.3 14.8 22.2

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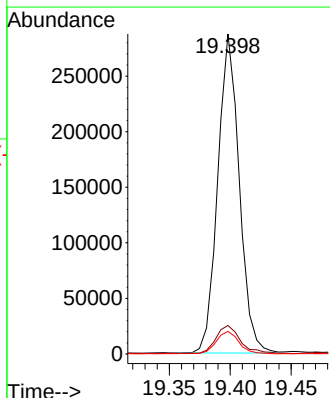
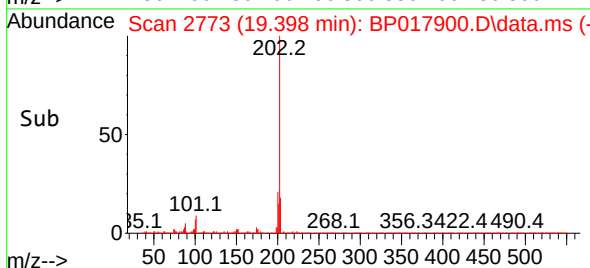
Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/04/2023

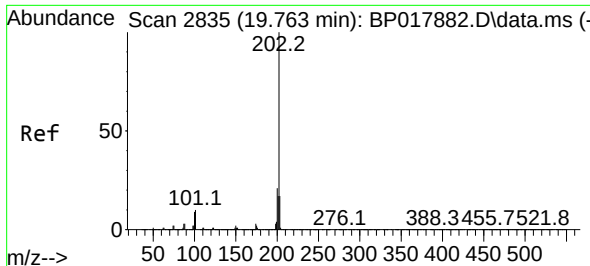


#80
 Fluoranthene
 Concen: 10.166 ng/ul
 RT: 19.398 min Scan# 2773
 Delta R.T. -0.006 min
 Lab File: BP017900.D
 Acq: 02 Nov 2023 22:51



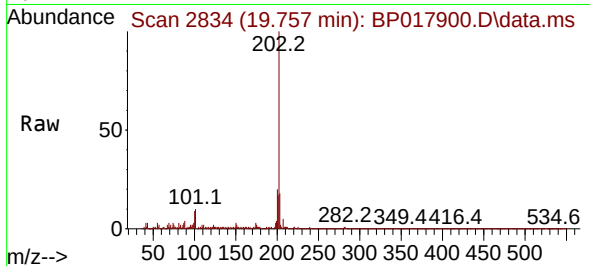
Tgt Ion:202 Resp: 353025
 Ion Ratio Lower Upper
 202 100
 101 8.9 7.1 10.7
 100 7.1 5.7 8.5





#82
Pyrene
Concen: 10.446 ng/ul
RT: 19.757 min Scan# 2834
Delta R.T. -0.006 min
Lab File: BP017900.D
Acq: 02 Nov 2023 22:51

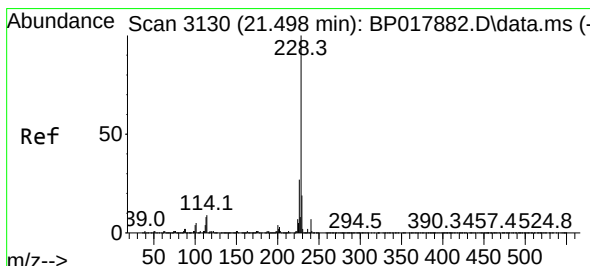
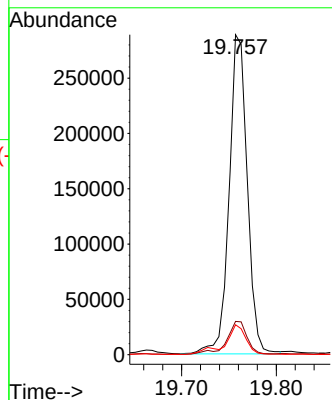
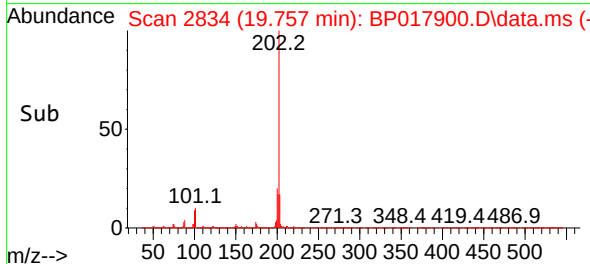
Instrument :
BNA_P
ClientSampleId :
DCKG7



Tgt Ion:202 Resp: 384314
Ion Ratio Lower Upper
202 100
101 10.4 8.3 12.5
100 9.4 7.4 11.0

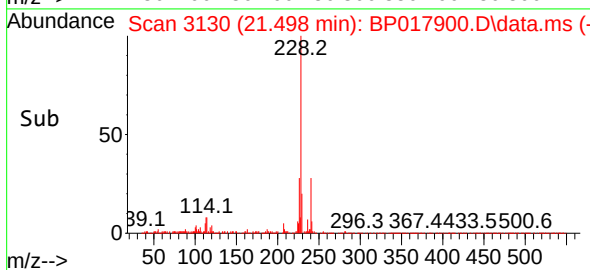
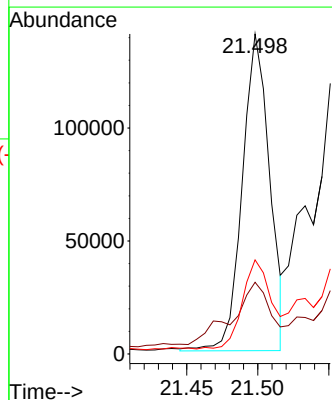
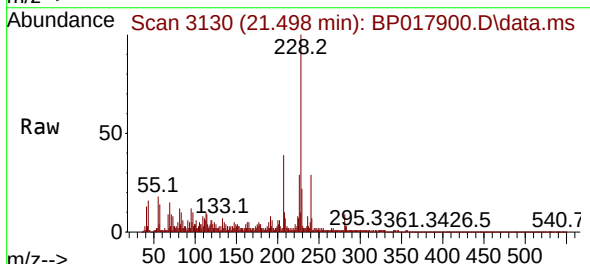
Manual Integrations
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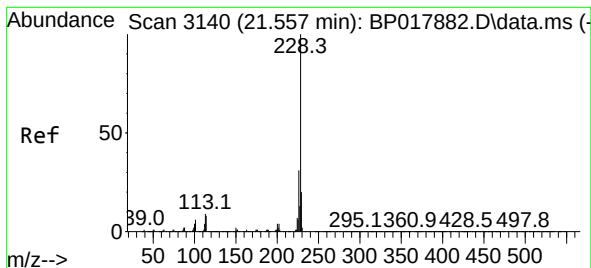
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023



#85
Benzo(a)anthracene
Concen: 5.147 ng/ul
RT: 21.498 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BP017900.D
Acq: 02 Nov 2023 22:51

Tgt Ion:228 Resp: 188650
Ion Ratio Lower Upper
228 100
229 22.4 15.6 23.4
226 29.4 21.1 31.7





#87

Chrysene

Concen: 7.366 ng/ul m

RT: 21.557 min Scan# 3140

Delta R.T. 0.000 min

Lab File: BP017900.D

Acq: 02 Nov 2023 22:51

Instrument :

BNA_P

ClientSampleId :

DCKG7

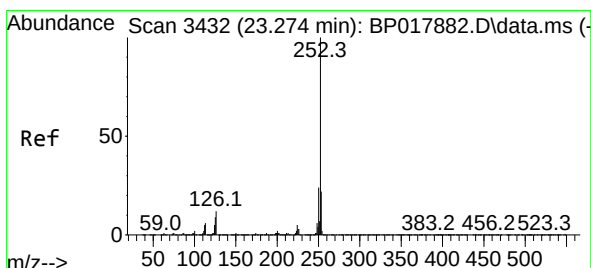
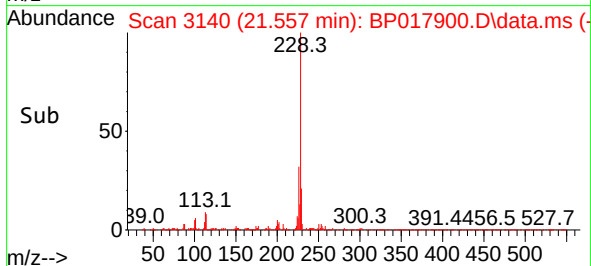
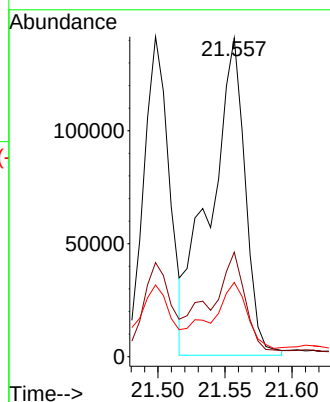
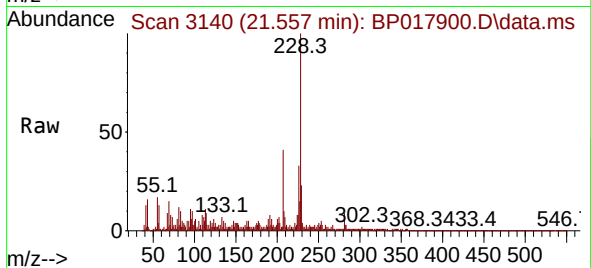
Tgt Ion:	228	Resp:	25531
Ion Ratio	Lower	Upper	
228	100		
226	32.8	24.0	36.0
229	23.3	15.5	23.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/03/2023

Supervised By :mohammad ahmed 11/04/2023



#90

Benzo(b)fluoranthene

Concen: 10.008 ng/ul

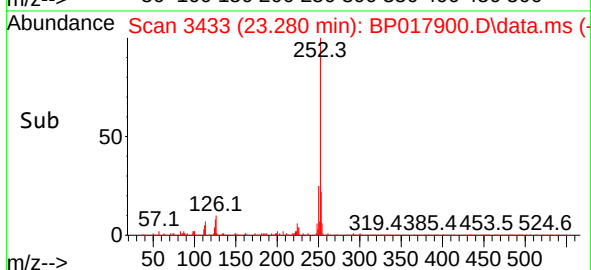
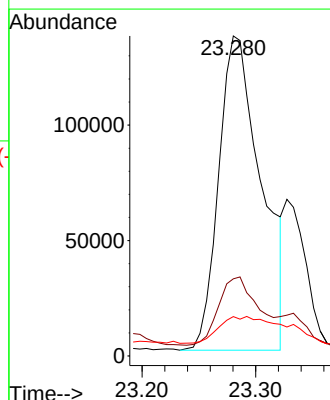
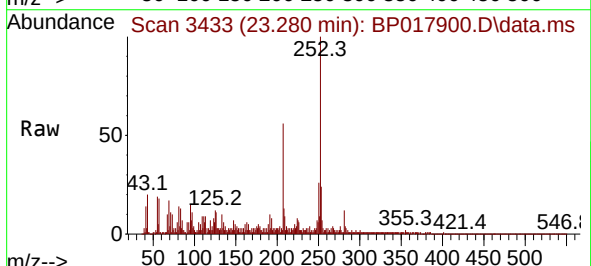
RT: 23.280 min Scan# 3433

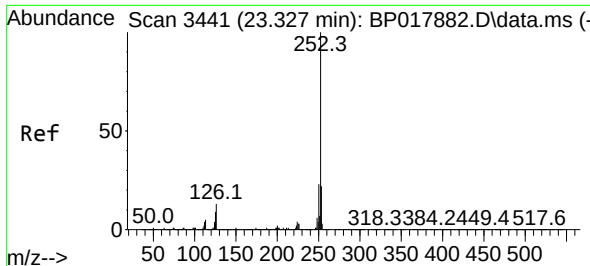
Delta R.T. 0.006 min

Lab File: BP017900.D

Acq: 02 Nov 2023 22:51

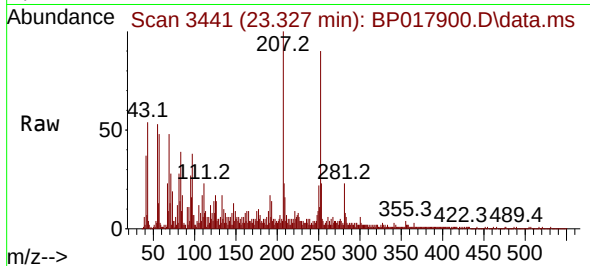
Tgt Ion:	252	Resp:	354266
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.4	26.0
125	12.3	7.1	10.7





#91
Benzo(k)fluoranthene
Concen: 2.606 ng/ul m
RT: 23.327 min Scan# 3441
Delta R.T. 0.000 min
Lab File: BP017900.D
Acq: 02 Nov 2023 22:51

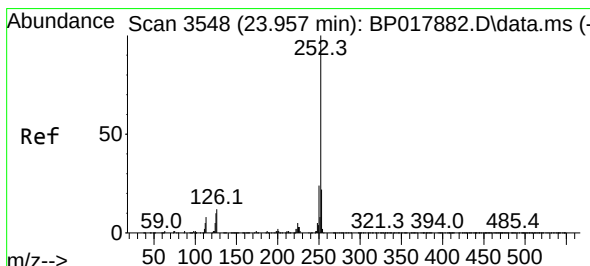
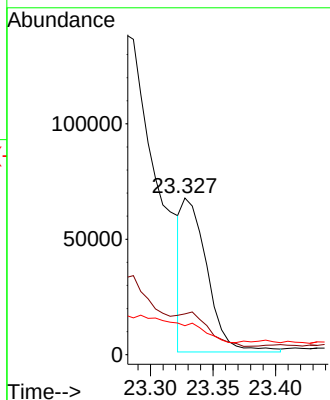
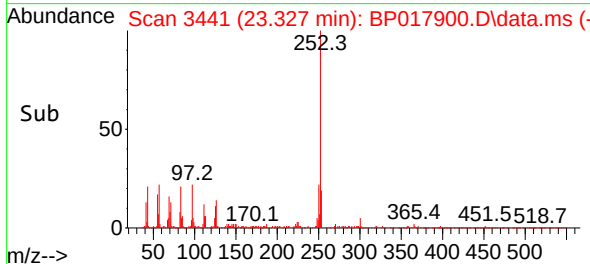
Instrument :
BNA_P
ClientSampleId :
DCKG7



Tgt Ion:252 Resp: 93500
Ion Ratio Lower Upper
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253 26.1 17.5 26.3
125 18.5 7.0 10.6

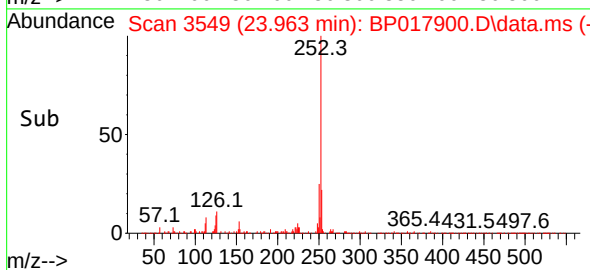
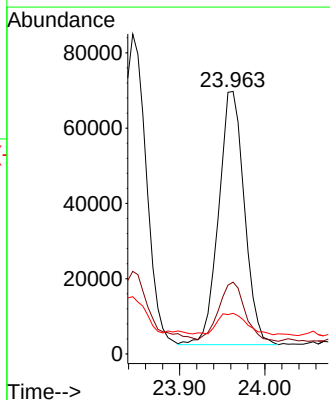
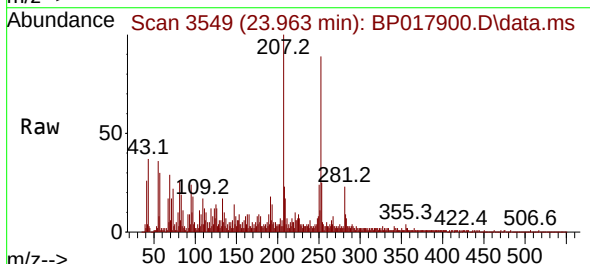
Manual Integrations
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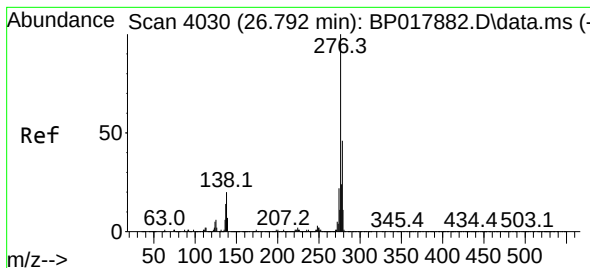
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023



#93
Benzo(a)pyrene
Concen: 4.262 ng/ul
RT: 23.963 min Scan# 3549
Delta R.T. 0.006 min
Lab File: BP017900.D
Acq: 02 Nov 2023 22:51

Tgt Ion:252 Resp: 141634
Ion Ratio Lower Upper
252 100
253 27.4 17.4 26.2#
125 15.5 7.8 11.6#





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.552 ng/ul

RT: 26.792 min Scan# 4030

Delta R.T. 0.012 min

Lab File: BP017900.D

Acq: 02 Nov 2023 22:51

Instrument :

BNA_P

ClientSampleId :

DCKG7

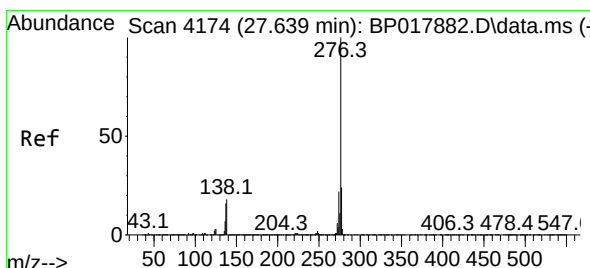
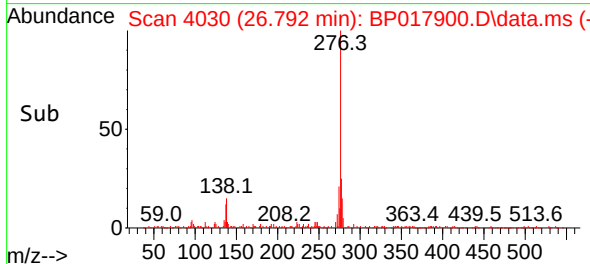
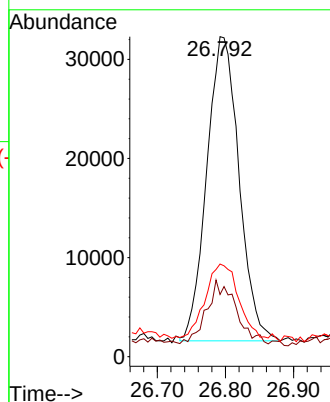
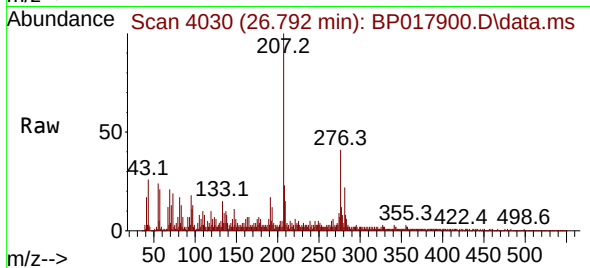
Tgt Ion:	276	Resp:	10108
Ion Ratio	Lower	Upper	
276	100		
138	19.4	15.6	23.4
277	28.9	19.4	29.2

Manual Integrations

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Supervised By :mohammad ahmed 11/04/2023



#96

Benzo(g,h,i)perylene

Concen: 2.828 ng/ul m

RT: 27.657 min Scan# 4177

Delta R.T. 0.029 min

Lab File: BP017900.D

Acq: 02 Nov 2023 22:51

Tgt Ion:	276	Resp:	90234
Ion Ratio	Lower	Upper	
276	100		
138	20.7	15.0	22.6
277	28.9	18.5	27.7

