

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
 Data File : BP017976.D
 Acq On : 08 Nov 2023 23:39
 Operator : MA/JU
 Sample : 05060-07
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKG5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :mohammad ahmed 11/11/2023

Quant Time: Nov 09 00:10:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:40:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	72701	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.669	136	307747	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.516	164	193953	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	422966	20.000	ng/u1	-0.01
79) Chrysene-d12	21.404	240	409151	20.000	ng/u1	-0.01
88) Perylene-d12	23.886	264	451693	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	5159	2.716	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.022	99	81183	11.908	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	55821	13.573	ng/u1	0.00
11) 2-Chlorophenol-d4	7.375	132	67481	12.881	ng/u1	-0.01
15) 4-Methylphenol-d8	8.581	113	41046	7.284	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	34696	14.108	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	37859	13.365	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	66554	12.816	ng/u1	0.00
31) 4-Chloroaniline-d4	10.857	131	42121	5.597	ng/u1	0.00
46) Dimethylphthalate-d6	13.939	166	266365	15.662	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	271734	14.561	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	17875m	6.836	ng/u1	0.02
60) Fluorene-d10	15.516	176	219419	15.415	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	28075	9.077	ng/u1	0.00
73) Anthracene-d10	17.386	188	327667	14.900	ng/u1	-0.01
81) Pyrene-d10	19.639	212	435604	16.771	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.721	264	416686	16.510	ng/u1	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.333	178	34919	1.404	ng/u1	98
74) Anthracene	17.427	178	45823	1.813	ng/u1	98
80) Fluoranthene	19.309	202	104940	3.462	ng/u1	99
82) Pyrene	19.668	202	113397	3.587	ng/u1	99
85) Benzo(a)anthracene	21.386	228	60112	1.908	ng/u1	98
87) Chrysene	21.445	228	105025m	3.594	ng/u1	
90) Benzo(b)fluoranthene	23.115	252	228384	7.326	ng/u1	97
91) Benzo(k)fluoranthene	23.162	252	57856m	1.851	ng/u1	
93) Benzo(a)pyrene	23.774	252	83785	2.891	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	26.509	276	94339	2.733	ng/u1	94
96) Benzo(g,h,i)perylene	27.333	276	85272	3.103	ng/u1	97

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

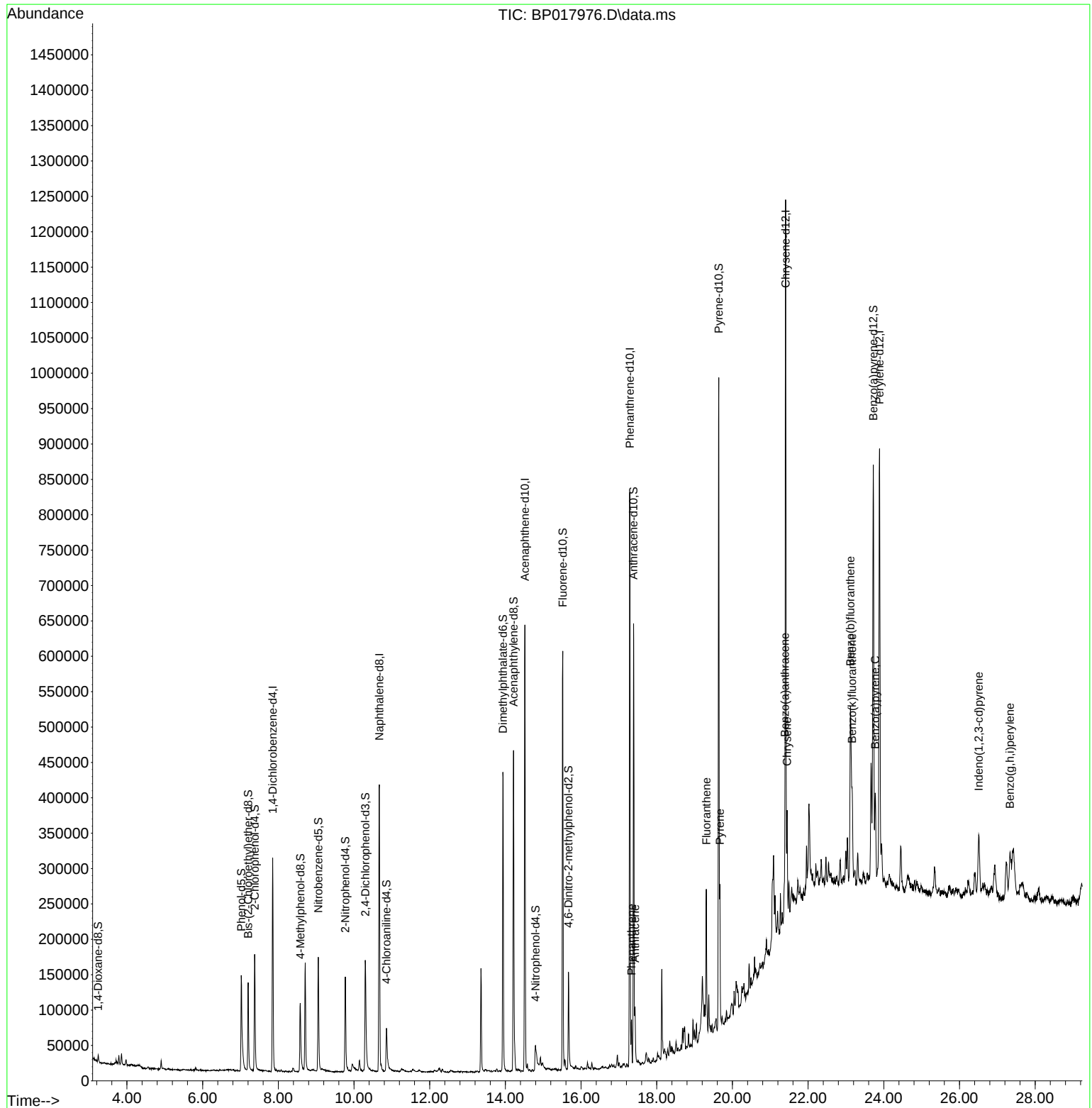
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017976.D
Acq On : 08 Nov 2023 23:39
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ALS Vial : 57 Sample Multiplier: 1

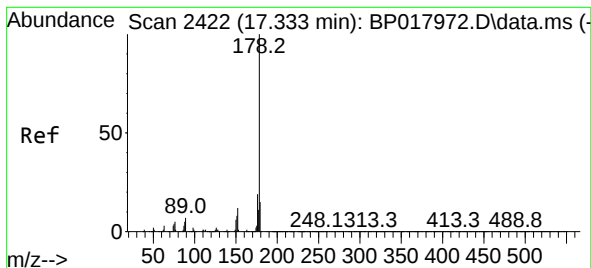
Instrument :
BNA_P
ClientSampleId :
DCKG5

Quant Time: Nov 09 00:10:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
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#72

Phenanthrene

Concen: 1.404 ng/ul

RT: 17.333 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP017976.D

Acq: 08 Nov 2023 23:39

Instrument :

BNA_P

ClientSampleId :

DCKG5

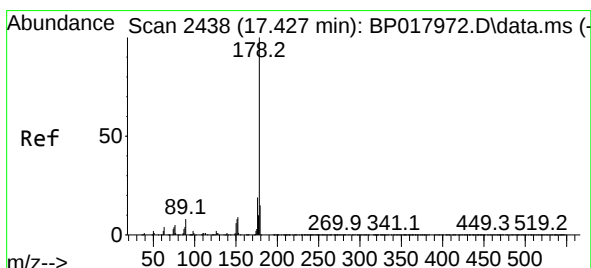
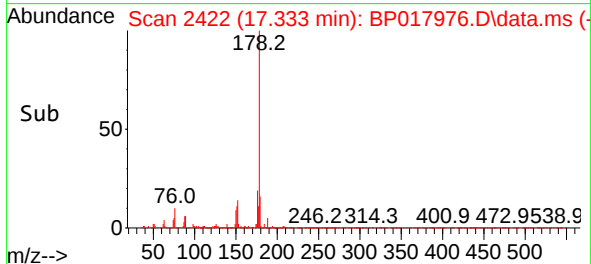
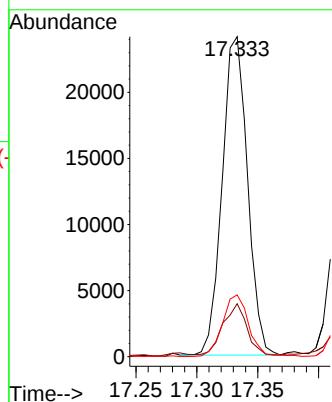
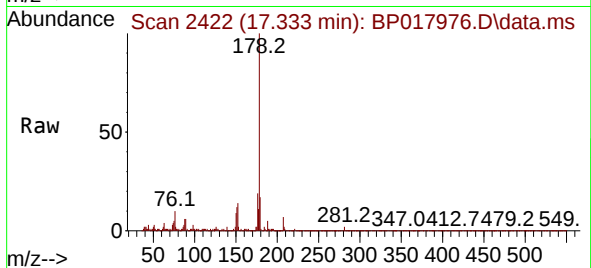
Tgt Ion:178	Resp:	34919
Ion Ratio	Lower	Upper
178	100	
179	16.5	12.3 18.5
176	19.3	15.2 22.8

Manual Integrations

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Supervised By :mohammad ahmed 11/11/2023



#74

Anthracene

Concen: 1.813 ng/ul

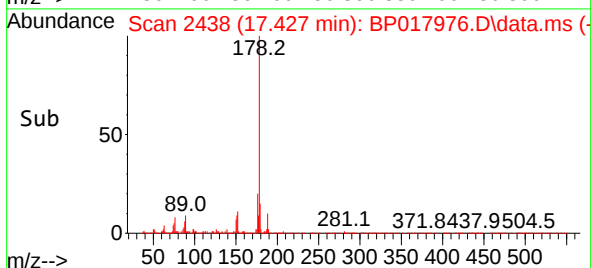
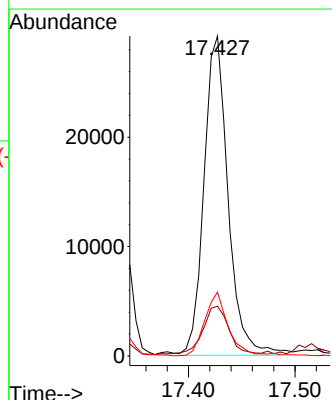
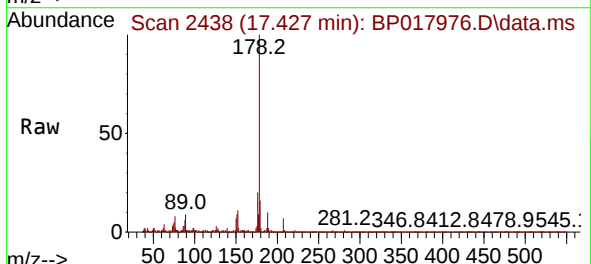
RT: 17.427 min Scan# 2438

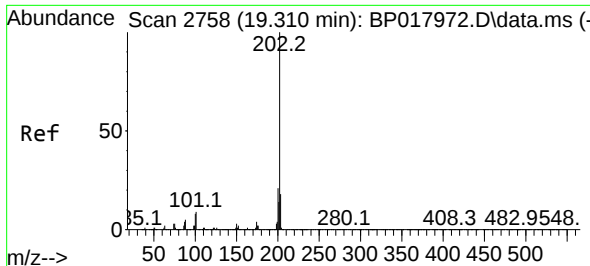
Delta R.T. -0.006 min

Lab File: BP017976.D

Acq: 08 Nov 2023 23:39

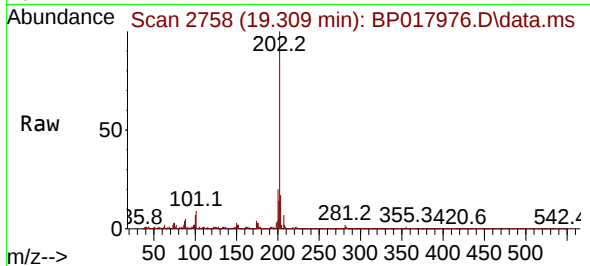
Tgt Ion:178	Resp:	45823
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.5 18.7
176	20.0	14.9 22.3





#80
Fluoranthene
Concen: 3.462 ng/u1
RT: 19.309 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP017976.D
Acq: 08 Nov 2023 23:39

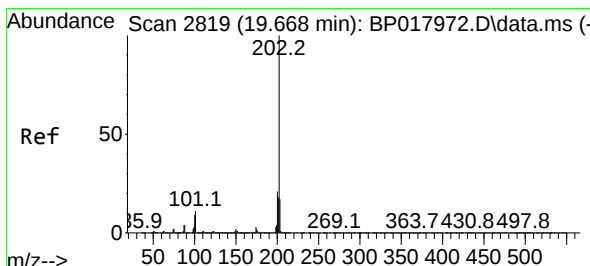
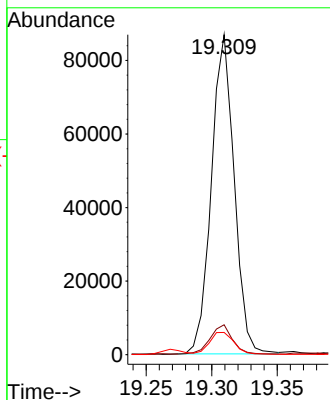
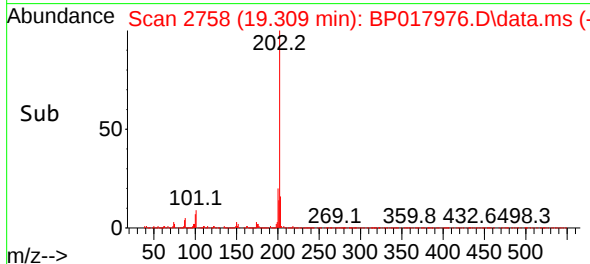
Instrument :
BNA_P
ClientSampleId :
DCKG5



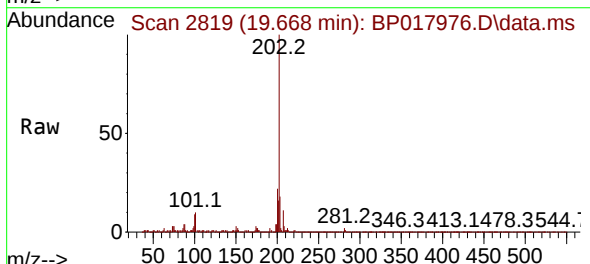
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Ion Ratio Lower Upper
202 100
101 9.3 7.1 10.7
100 6.9 5.3 7.9

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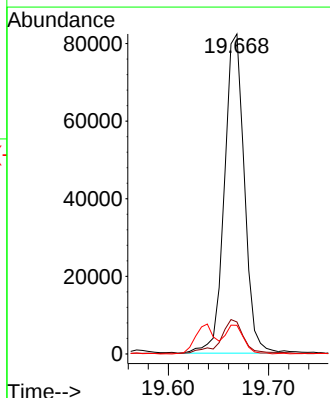
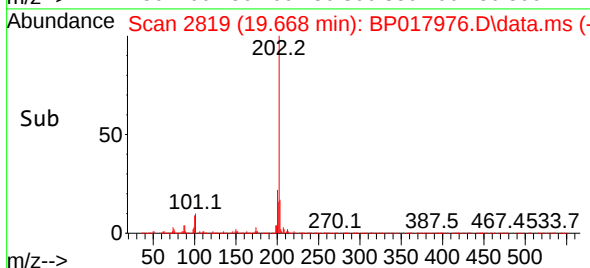
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/11/2023

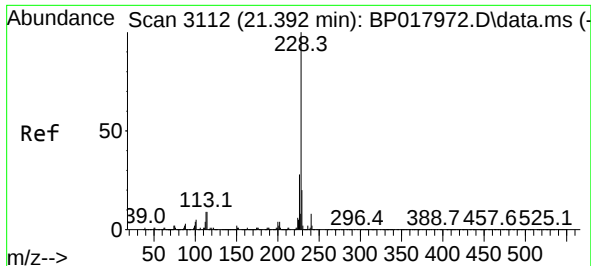


#82
Pyrene
Concen: 3.587 ng/u1
RT: 19.668 min Scan# 2819
Delta R.T. -0.006 min
Lab File: BP017976.D
Acq: 08 Nov 2023 23:39



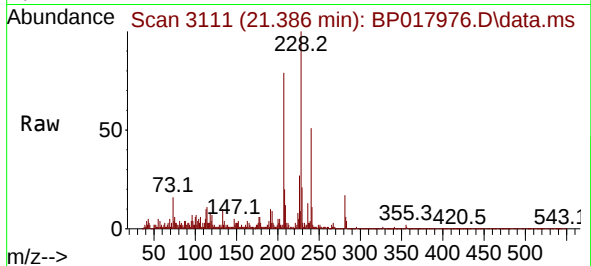
Tgt Ion:202 Resp: 113397
Ion Ratio Lower Upper
202 100
101 10.0 8.6 12.8
100 8.9 7.3 10.9





#85
Benzo(a)anthracene
Concen: 1.908 ng/ul
RT: 21.386 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BP017976.D
Acq: 08 Nov 2023 23:39

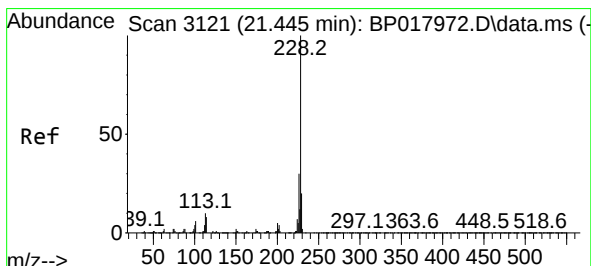
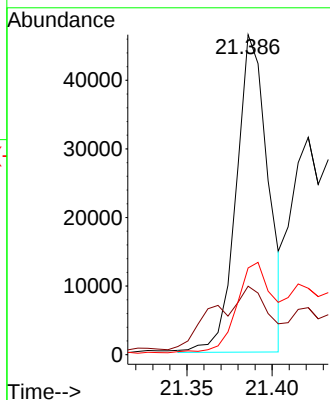
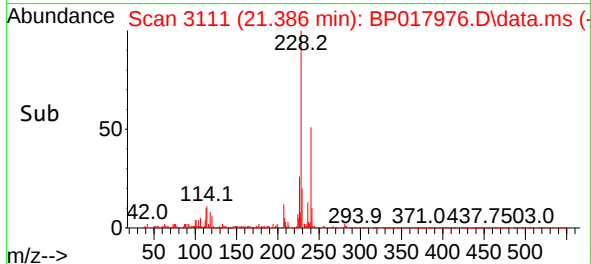
Instrument :
BNA_P
ClientSampleId :
DCKG5



Tgt Ion:228 Resp: 6011
Ion Ratio Lower Upper
228 100
229 21.4 15.4 23.2
226 27.1 21.6 32.4

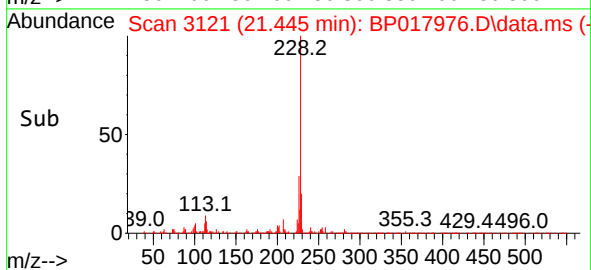
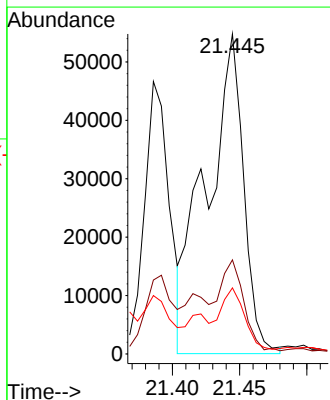
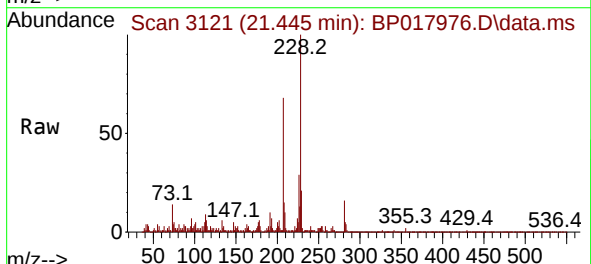
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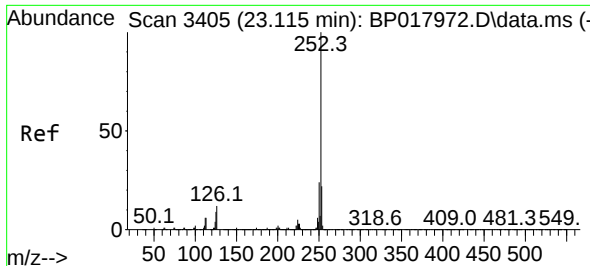
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/11/2023



#87
Chrysene
Concen: 3.594 ng/ul m
RT: 21.445 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP017976.D
Acq: 08 Nov 2023 23:39

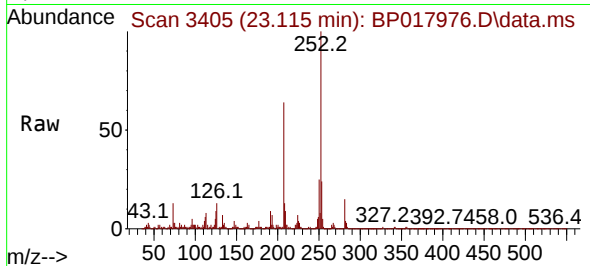
Tgt Ion:228 Resp: 105025
Ion Ratio Lower Upper
228 100
226 29.4 23.9 35.9
229 20.6 16.1 24.1





#90
Benzo(b)fluoranthene
Concen: 7.326 ng/ul
RT: 23.115 min Scan# 3405
Delta R.T. -0.012 min
Lab File: BP017976.D
Acq: 08 Nov 2023 23:39

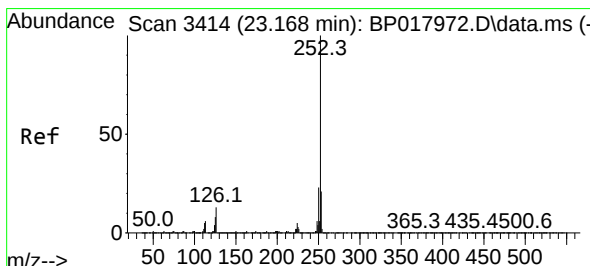
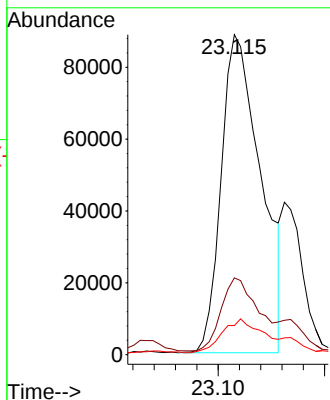
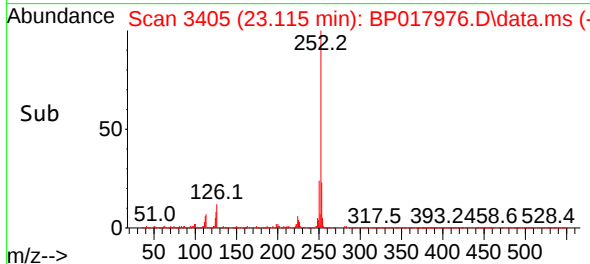
Instrument :
BNA_P
ClientSampleId :
DCKG5



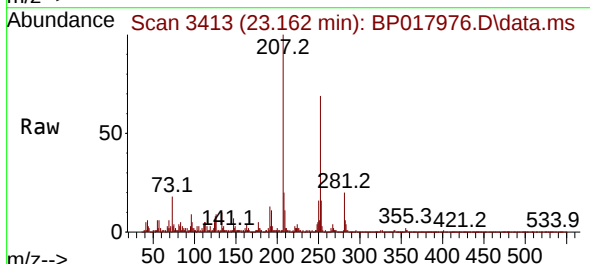
Tgt Ion:252 Resp: 228384
Ion Ratio Lower Upper
252 100
253 24.0 17.9 26.9
125 9.1 6.6 10.0

Manual Integrations
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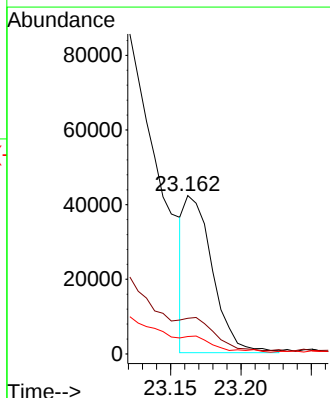
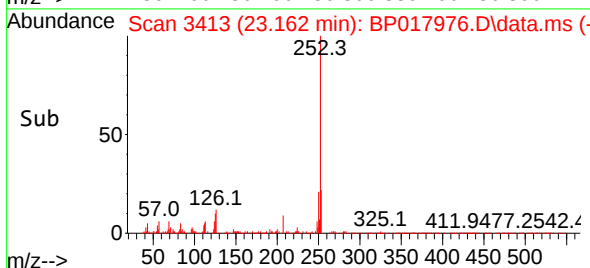
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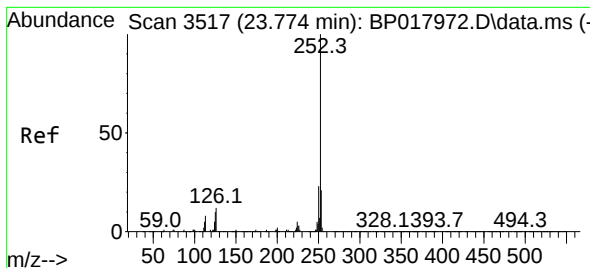


#91
Benzo(k)fluoranthene
Concen: 1.851 ng/ul m
RT: 23.162 min Scan# 3413
Delta R.T. -0.012 min
Lab File: BP017976.D
Acq: 08 Nov 2023 23:39



Tgt Ion:252 Resp: 57856
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 11.0 7.0 10.6#





#93

Benzo(a)pyrene

Concen: 2.891 ng/ul

RT: 23.774 min Scan# 3517

Delta R.T. -0.006 min

Lab File: BP017976.D

Acq: 08 Nov 2023 23:39

Instrument :

BNA_P

ClientSampleId :

DCKG5

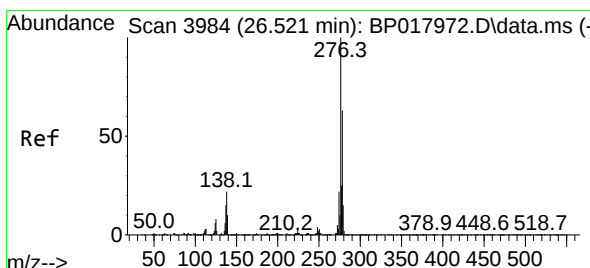
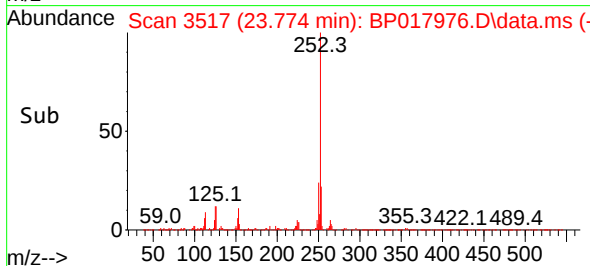
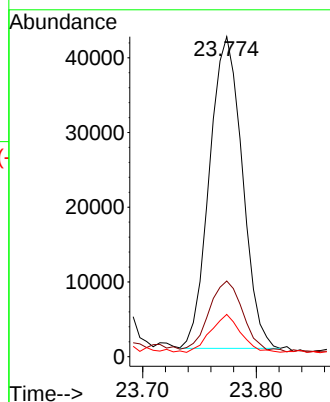
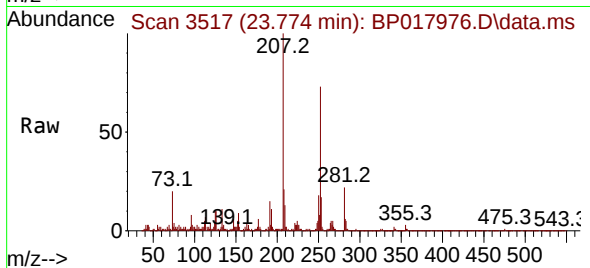
Tgt Ion:	252	Resp:	8378
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.3	25.9
125	13.2	7.5	11.3

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 2.733 ng/ul

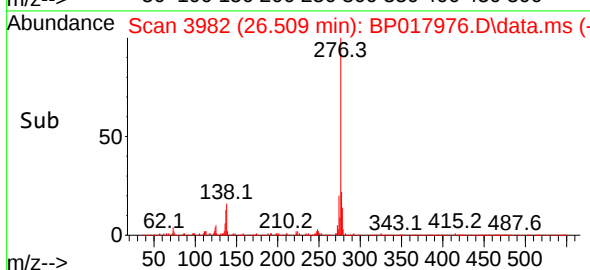
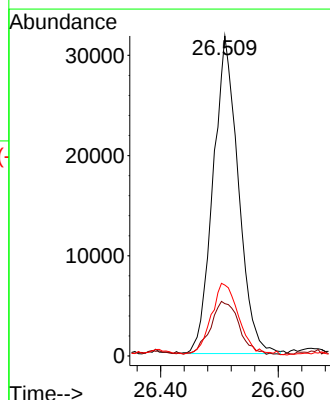
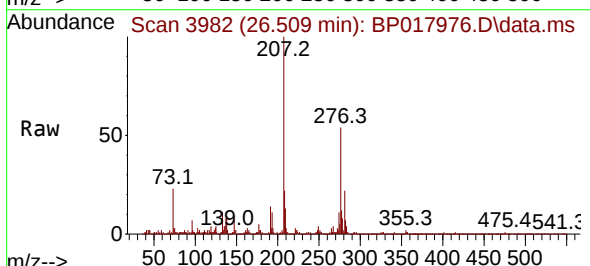
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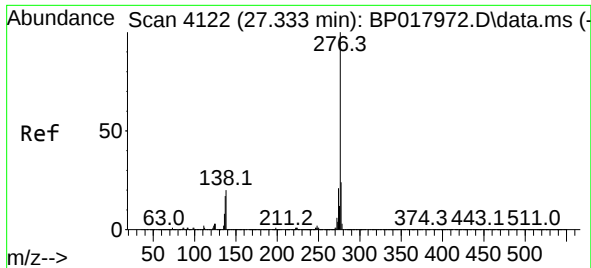
Delta R.T. -0.018 min

Lab File: BP017976.D

Acq: 08 Nov 2023 23:39

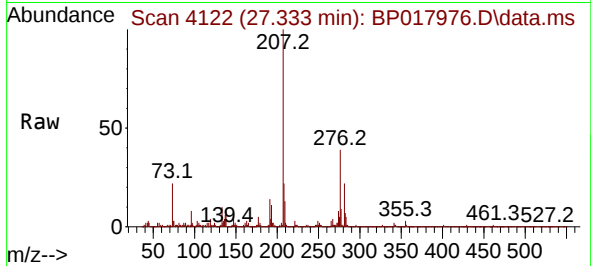
Tgt Ion:	276	Resp:	94339
Ion Ratio	Lower	Upper	
276	100		
138	16.3	15.9	23.9
277	22.2	19.5	29.3





#96
 Benzo(g,h,i)perylene
 Concen: 3.103 ng/ul
 RT: 27.333 min Scan# 4122
 Delta R.T. -0.018 min
 Lab File: BP017976.D
 Acq: 08 Nov 2023 23:39

Instrument :
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 DCKG5



Tgt Ion:	276	Resp:	8527
Ion Ratio	Lower	Upper	
276	100		
138	21.5	14.7	22.1
277	23.6	19.2	28.8

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