

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015724.D
 Acq On : 26 Jun 2023 20:43
 Operator : MA/JU
 Sample : 03083-11DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 27 02:55:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	112207	20.000	ng/u1	0.00
20) Naphthalene-d8	10.899	136	406026	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	221772	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	458699	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	484687	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	631501	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	2099	0.673	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.275	99	26742	2.785	ng/u1	0.05
9) Bis-(2-Chloroethyl)eth...	7.399	67	19345m	3.257	ng/u1	0.01
11) 2-Chlorophenol-d4	7.605	132	25698m	3.546	ng/u1	0.01
15) 4-Methylphenol-d8	8.828	113	19869m	2.620	ng/u1	0.04
21) Nitrobenzene-d5	9.281	128	9553m	3.079	ng/u1	0.04
24) 2-Nitrophenol-d4	10.028	143	12310m	3.399	ng/u1	0.05
28) 2,4-Dichlorophenol-d3	10.616	165	16145m	2.502	ng/u1	0.09
31) 4-Chloroaniline-d4	11.151	131	14452m	1.743	ng/u1	0.11
46) Dimethylphthalate-d6	14.140	166	69982	4.083	ng/u1	0.02
49) Acenaphthylene-d8	14.416	160	76185	3.954	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.722	176	56819	4.026	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.581	188	87709	4.186	ng/u1	0.00
81) Pyrene-d10	19.798	212	122986	3.886	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	143927	4.518	ng/u1	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.781	153	34222	2.324	ng/u1	95
61) Fluorene	15.775	166	31123	1.877	ng/u1#	95
72) Phenanthrene	17.516	178	710662	28.519	ng/u1	99
74) Anthracene	17.616	178	139998	5.591	ng/u1	98
80) Fluoranthene	19.475	202	1600455	40.689	ng/u1	100
82) Pyrene	19.827	202	1283639	31.993	ng/u1	99
85) Benzo(a)anthracene	21.545	228	855212	25.083	ng/u1	98
87) Chrysene	21.604	228	792689	24.505	ng/u1	97
90) Benzo(b)fluoranthene	23.327	252	1274682	31.414	ng/u1	99
91) Benzo(k)fluoranthene	23.374	252	378921m	9.243	ng/u1	
93) Benzo(a)pyrene	23.998	252	808064	22.791	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.809	276	655340	13.616	ng/u1	97
95) Dibenzo(a,h)anthracene	26.815	278	179941	4.552	ng/u1#	80
96) Benzo(g,h,i)perylene	27.645	276	597702	15.095	ng/u1	99

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

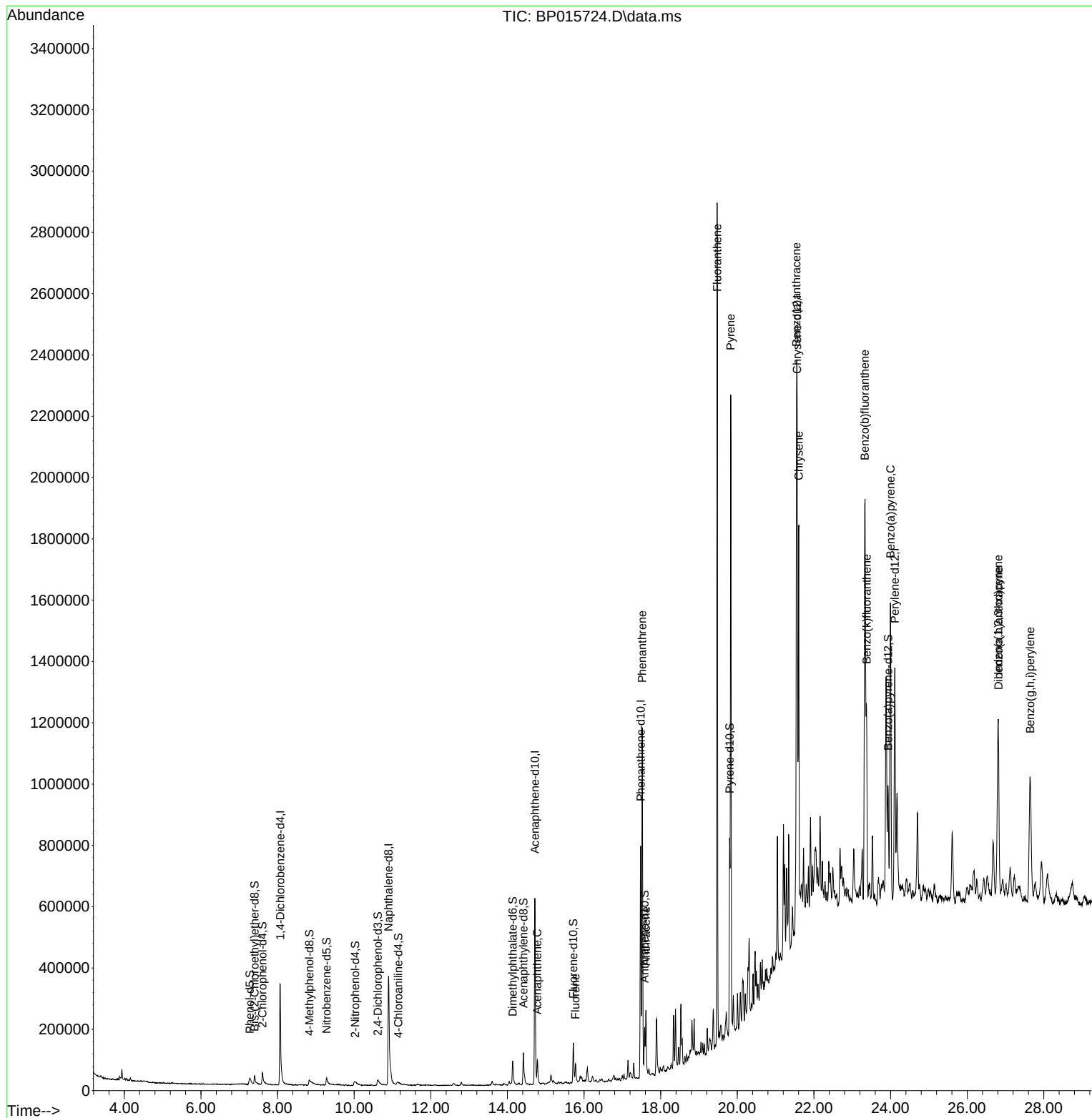
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015724.D
 Acq On : 26 Jun 2023 20:43
 Operator : MA/JU
 Sample : 03083-11DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

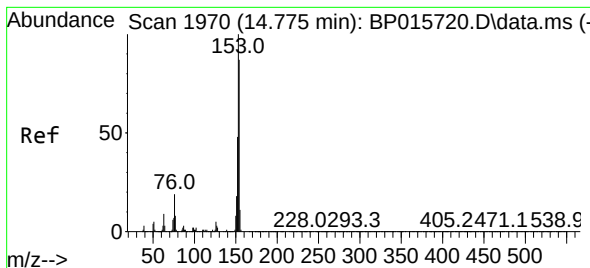
Instrument :
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Quant Time: Jun 27 02:55:06 2023
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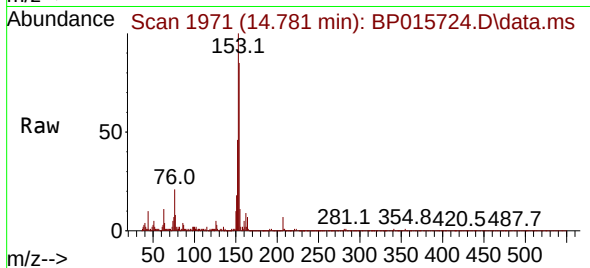
Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023





#52
Acenaphthene
Concen: 2.324 ng/ul
RT: 14.781 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BP015724.D
Acq: 26 Jun 2023 20:43

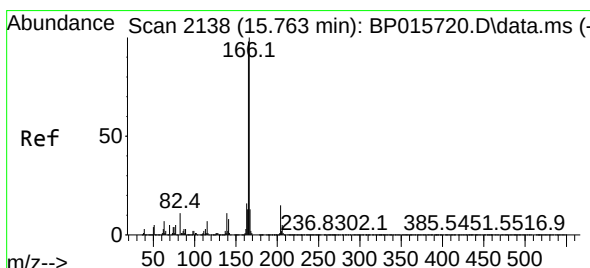
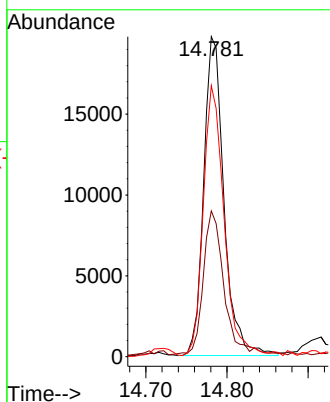
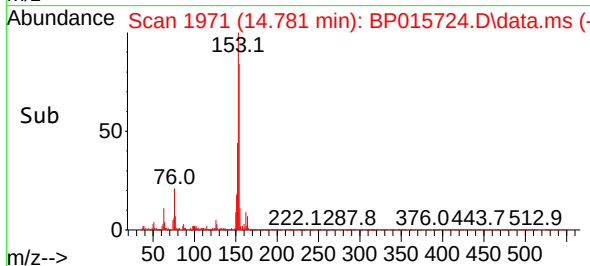
Instrument :
BNA_P
ClientSampleId :
DCFK9DL



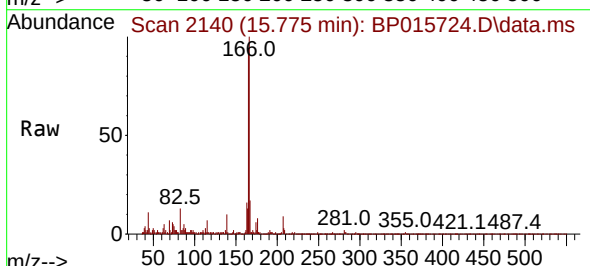
Tgt Ion:153 Resp: 3422
Ion Ratio Lower Upper
153 100
152 45.5 39.4 59.2
154 84.7 71.4 107.2

Manual Integrations
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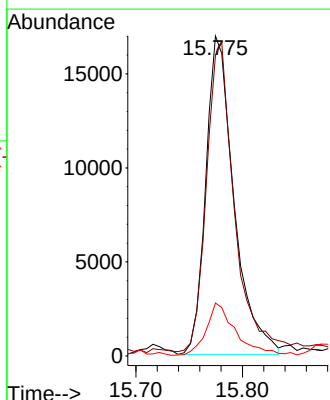
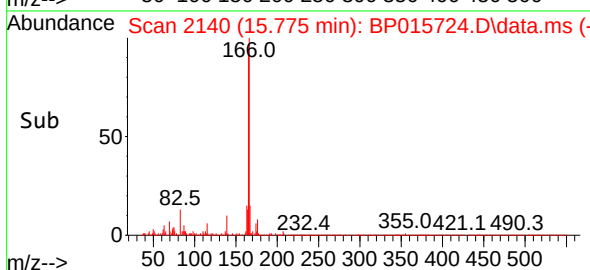
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

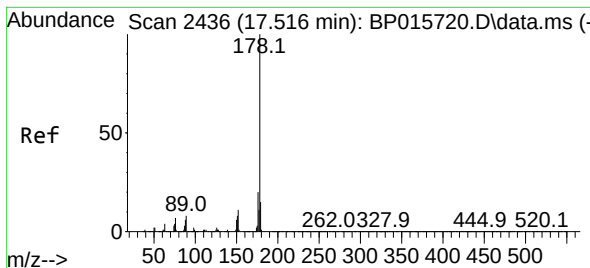


#61
Fluorene
Concen: 1.877 ng/ul
RT: 15.775 min Scan# 2140
Delta R.T. 0.012 min
Lab File: BP015724.D
Acq: 26 Jun 2023 20:43



Tgt Ion:166 Resp: 31123
Ion Ratio Lower Upper
166 100
165 94.0 78.7 118.1
167 16.6 10.5 15.7#





#72

Phenanthrene

Concen: 28.519 ng/u1

RT: 17.516 min Scan# 2436

Delta R.T. 0.000 min

Lab File: BP015724.D

Acq: 26 Jun 2023 20:43

Instrument :

BNA_P

ClientSampleId :

DCFK9DL

Tgt Ion:178 Resp: 710662

Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

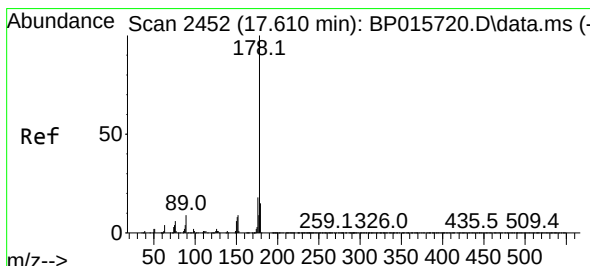
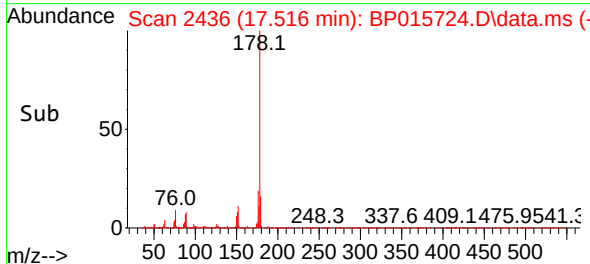
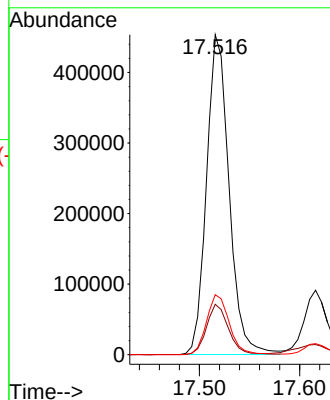
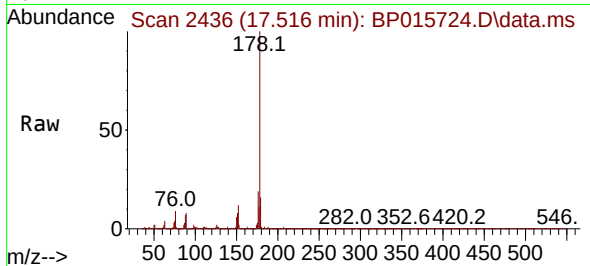
176 18.8 15.6 23.4

Manual Integrations

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#74

Anthracene

Concen: 5.591 ng/u1

RT: 17.616 min Scan# 2453

Delta R.T. 0.006 min

Lab File: BP015724.D

Acq: 26 Jun 2023 20:43

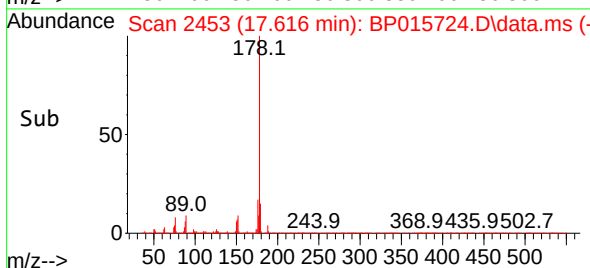
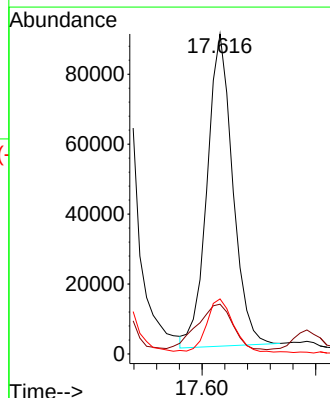
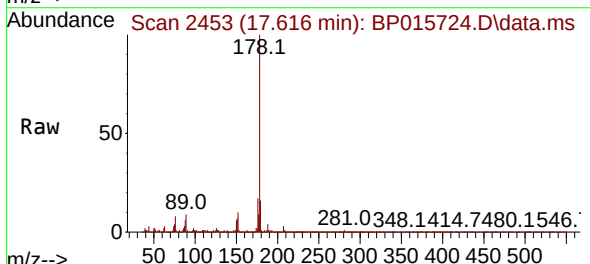
Tgt Ion:178 Resp: 139998

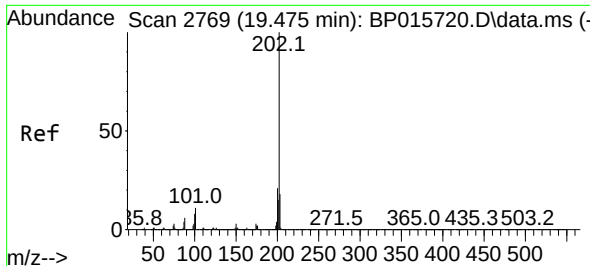
Ion Ratio Lower Upper

178 100

179 15.6 12.1 18.1

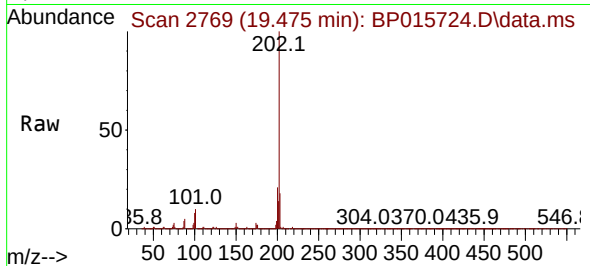
176 17.2 14.6 22.0





#80
Fluoranthene
Concen: 40.689 ng/u1
RT: 19.475 min Scan# 2769
Delta R.T. 0.000 min
Lab File: BP015724.D
Acq: 26 Jun 2023 20:43

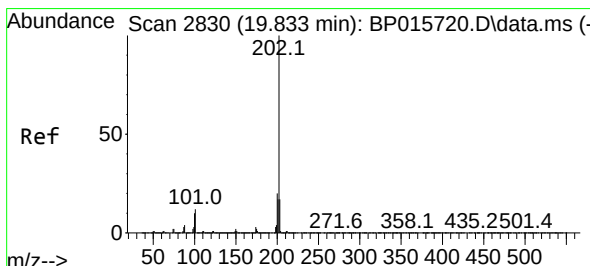
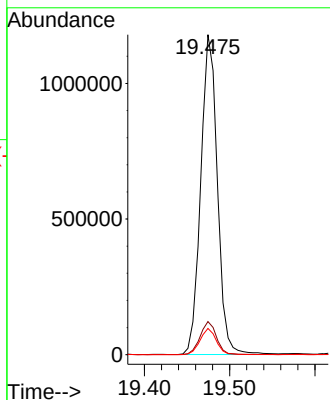
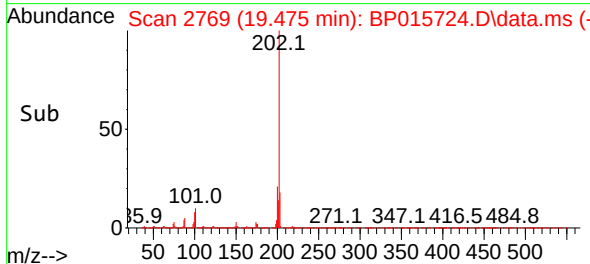
Instrument :
BNA_P
ClientSampleId :
DCFK9DL



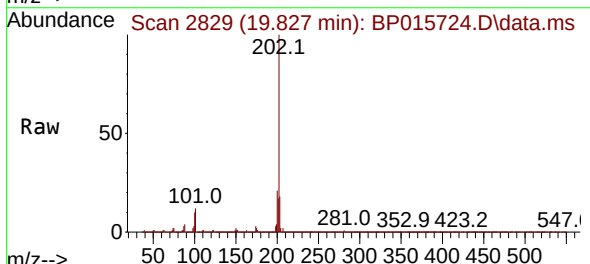
Tgt Ion:202 Resp: 160045
Ion Ratio Lower Upper
202 100
101 10.4 8.3 12.5
100 8.2 6.6 9.8

Manual Integrations
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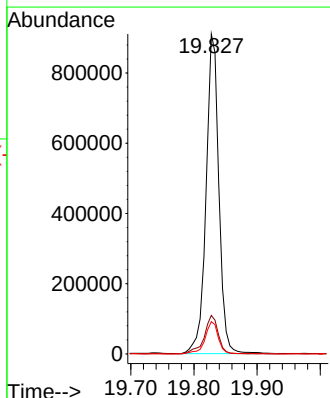
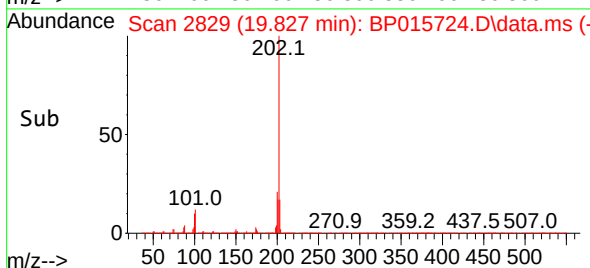
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

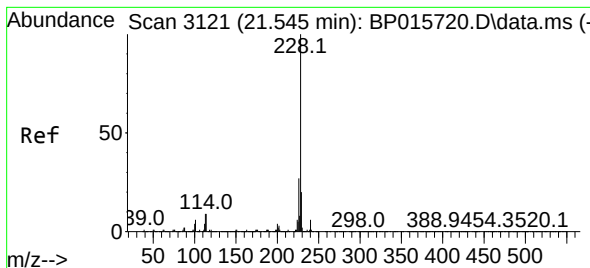


#82
Pyrene
Concen: 31.993 ng/u1
RT: 19.827 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP015724.D
Acq: 26 Jun 2023 20:43



Tgt Ion:202 Resp: 1283639
Ion Ratio Lower Upper
202 100
101 12.0 9.3 13.9
100 10.1 7.6 11.4





#85

Benzo(a)anthracene

Concen: 25.083 ng/u1

RT: 21.545 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BP015724.D

Acq: 26 Jun 2023 20:43

Instrument :

BNA_P

ClientSampleId :

DCFK9DL

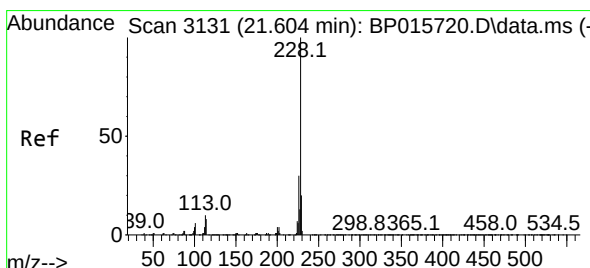
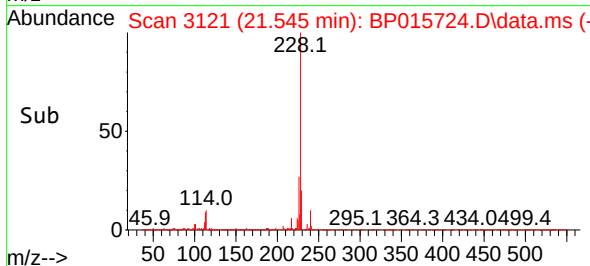
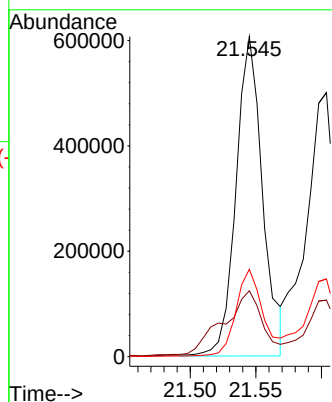
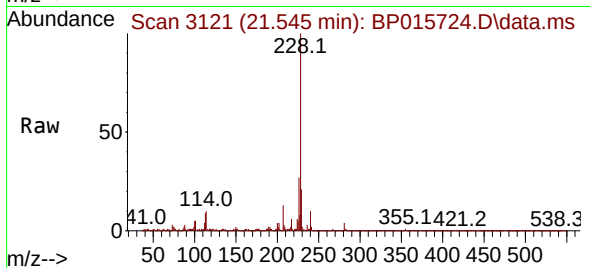
Tgt Ion:228 Resp: 855212
 Ion Ratio Lower Upper
 228 100
 229 20.6 15.3 22.9
 226 27.3 21.4 32.0

Manual Integrations

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#87

Chrysene

Concen: 24.505 ng/u1

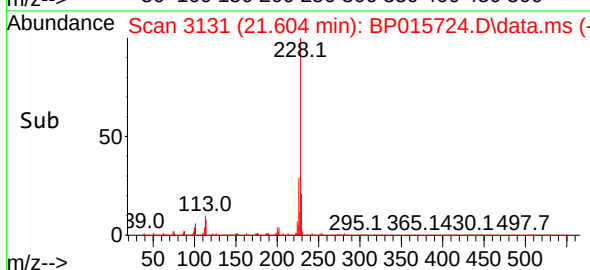
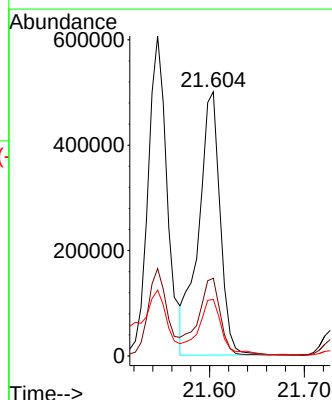
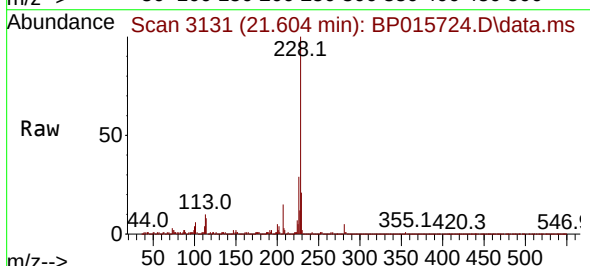
RT: 21.604 min Scan# 3131

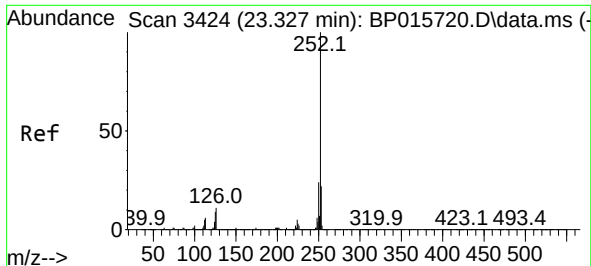
Delta R.T. 0.000 min

Lab File: BP015724.D

Acq: 26 Jun 2023 20:43

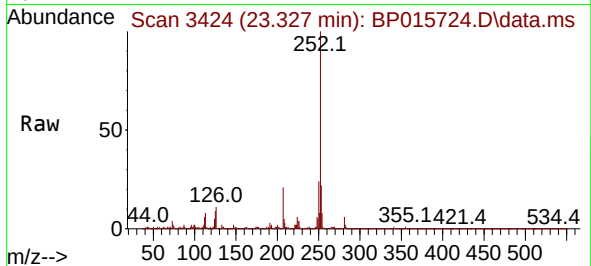
Tgt Ion:228 Resp: 792689
 Ion Ratio Lower Upper
 228 100
 226 29.4 24.3 36.5
 229 21.4 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 31.414 ng/ul
RT: 23.327 min Scan# 3424
Delta R.T. 0.000 min
Lab File: BP015724.D
Acq: 26 Jun 2023 20:43

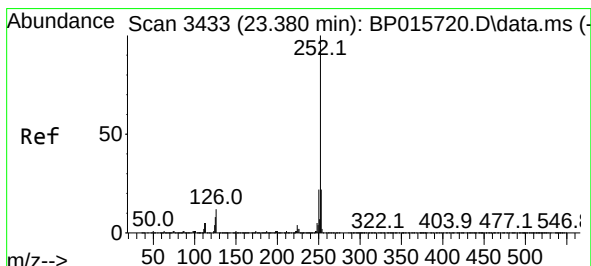
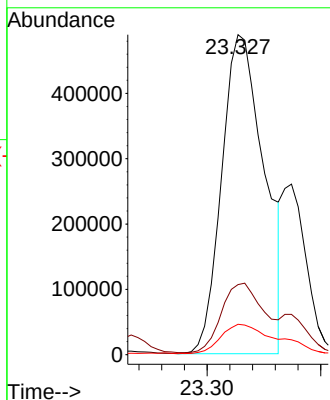
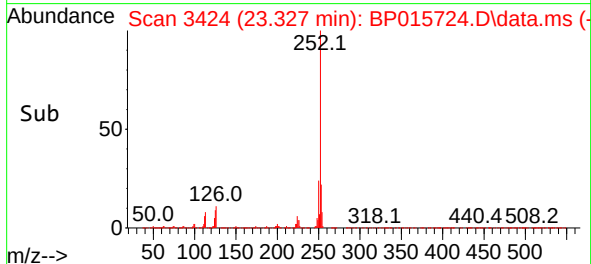
Instrument :
BNA_P
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DCFK9DL



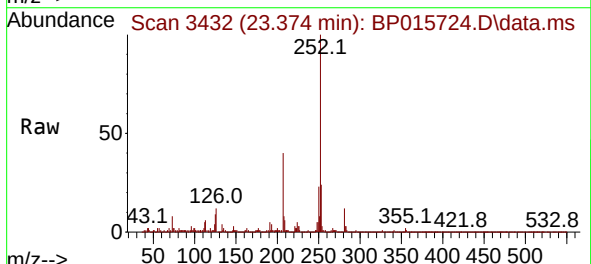
Tgt Ion:252 Resp: 127468
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.5 7.5 11.3

Manual Integrations
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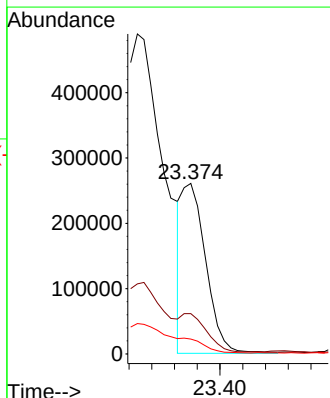
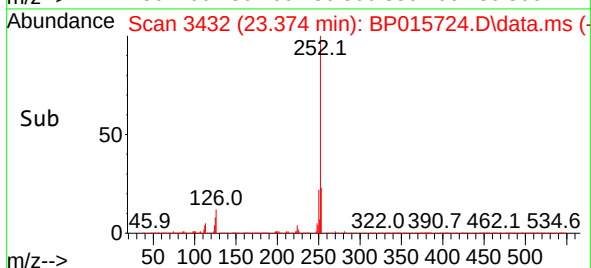
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

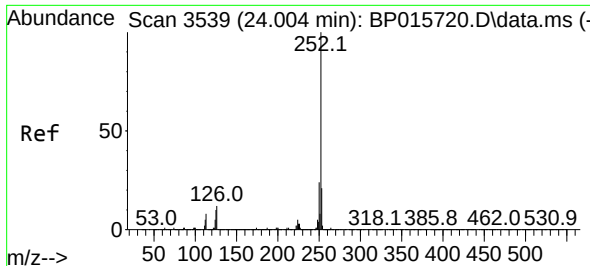


#91
Benzo(k)fluoranthene
Concen: 9.243 ng/ul m
RT: 23.374 min Scan# 3432
Delta R.T. -0.006 min
Lab File: BP015724.D
Acq: 26 Jun 2023 20:43



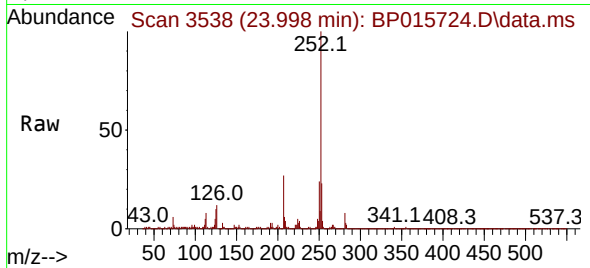
Tgt Ion:252 Resp: 378921
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.4
125 8.7 7.3 10.9





#93
Benzo(a)pyrene
Concen: 22.791 ng/ul
RT: 23.998 min Scan# 3539
Delta R.T. -0.006 min
Lab File: BP015724.D
Acq: 26 Jun 2023 20:43

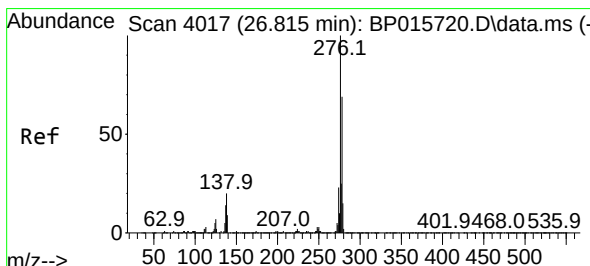
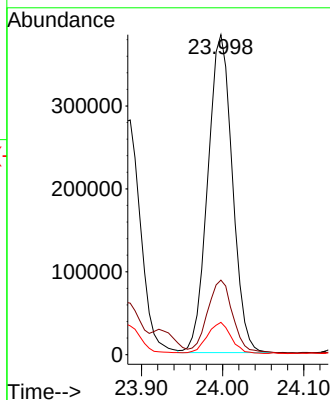
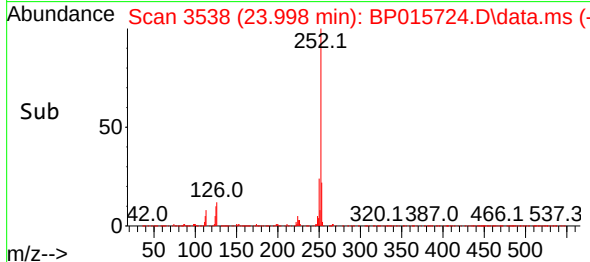
Instrument :
BNA_P
ClientSampleId :
DCFK9DL



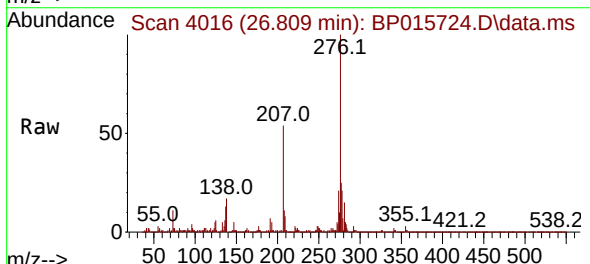
Tgt Ion:252 Resp: 808064
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 10.1 8.2 12.2

Manual Integrations
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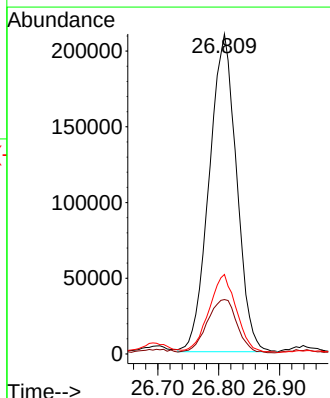
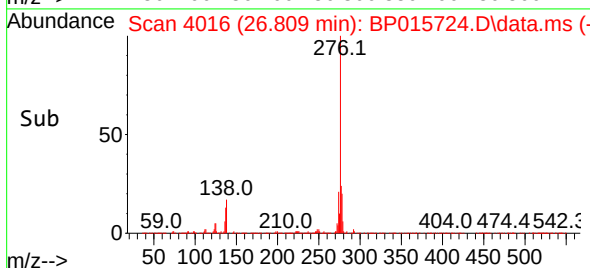
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

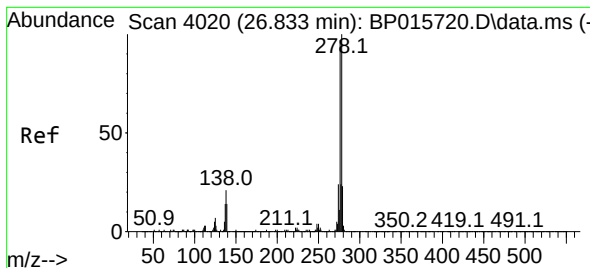


#94
Indeno(1,2,3-cd)pyrene
Concen: 13.616 ng/ul
RT: 26.809 min Scan# 4016
Delta R.T. -0.006 min
Lab File: BP015724.D
Acq: 26 Jun 2023 20:43



Tgt Ion:276 Resp: 655340
Ion Ratio Lower Upper
276 100
138 17.0 15.7 23.5
277 24.9 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 4.552 ng/ul

RT: 26.815 min Scan# 4020

Delta R.T. -0.012 min

Lab File: BP015724.D

Acq: 26 Jun 2023 20:43

Instrument :

BNP_P

ClientSampleId :

DCF9DL

Tgt Ion: 278 Resp: 17994

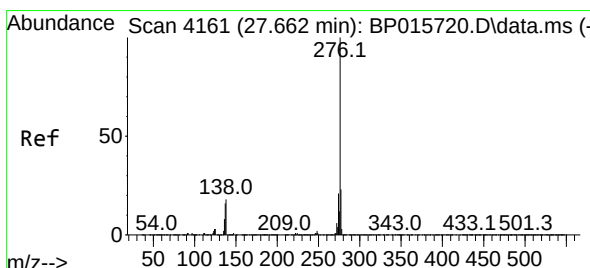
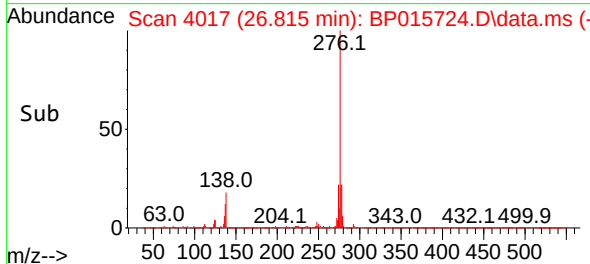
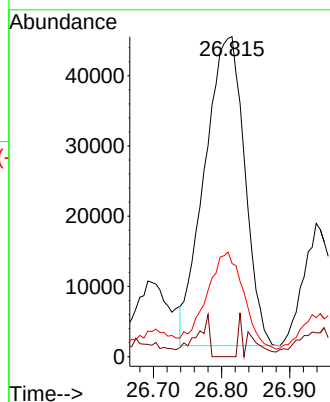
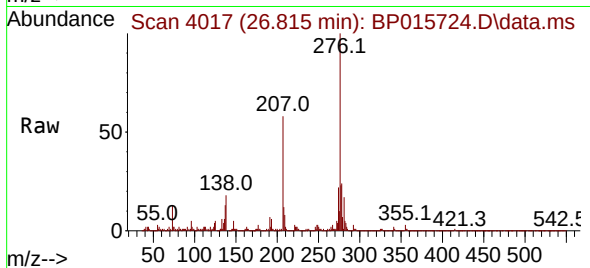
Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.5	15.7
279	29.1	18.4	27.6

Manual Integrations

APPROVED

Reviewed By : Yogesh Patel 06/27/2023

Supervised By : mohammad ahmed 06/27/2023



#96

Benzo(g,h,i)perylene

Concen: 15.095 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. -0.012 min

Lab File: BP015724.D

Acq: 26 Jun 2023 20:43

Tgt Ion: 276 Resp: 597702

Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.1	22.7
277	23.5	18.8	28.2

