

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015774.D
 Acq On : 28 Jun 2023 12:08
 Operator : MA/JU
 Sample : 03142-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFS2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 29 00:33:56 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	8.063	152	180812	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	753501	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	455592	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	943168	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.557	240	668599	20.000	ng/u1	0.00
88) Perylene-d12	24.104	264	737161	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	7223	1.437	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.246	99	115889	7.491	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.387	67	124575	13.016	ng/u1	0.00
11) 2-Chlorophenol-d4	7.593	132	126172	10.804	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	43290m	3.542	ng/u1	0.02
21) Nitrobenzene-d5	9.257	128	63258	10.985	ng/u1	0.01
24) 2-Nitrophenol-d4	9.987	143	65156	9.695	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.575	165	84953	7.093	ng/u1	0.05
31) 4-Chloroaniline-d4	11.134	131	9487m	0.617	ng/u1	0.09
46) Dimethylphthalate-d6	14.122	166	433233	12.303	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	534669	13.507	ng/u1	0.00
54) 4-Nitrophenol-d4	15.104	143	4673m	1.006	ng/u1	0.16
60) Fluorene-d10	15.710	176	396175	13.664	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.898	200	15112m	2.605	ng/u1	0.04
73) Anthracene-d10	17.575	188	564477	13.102	ng/u1	0.00
81) Pyrene-d10	19.798	212	643821	14.747	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	506813	13.629	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.516	178	171800	3.353	ng/u1	98
80) Fluoranthene	19.474	202	460238	8.482	ng/u1	98
82) Pyrene	19.827	202	392396	7.090	ng/u1	96
85) Benzo(a)anthracene	21.545	228	187117	3.978	ng/u1	99
87) Chrysene	21.598	228	224225	5.025	ng/u1	99
90) Benzo(b)fluoranthene	23.321	252	328285	6.931	ng/u1#	93
91) Benzo(k)fluoranthene	23.368	252	106810m	2.232	ng/u1	
93) Benzo(a)pyrene	23.992	252	197039	4.761	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	26.803	276	170965	3.043	ng/u1	98
96) Benzo(g,h,i)perylene	27.650	276	159948	3.460	ng/u1	97

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

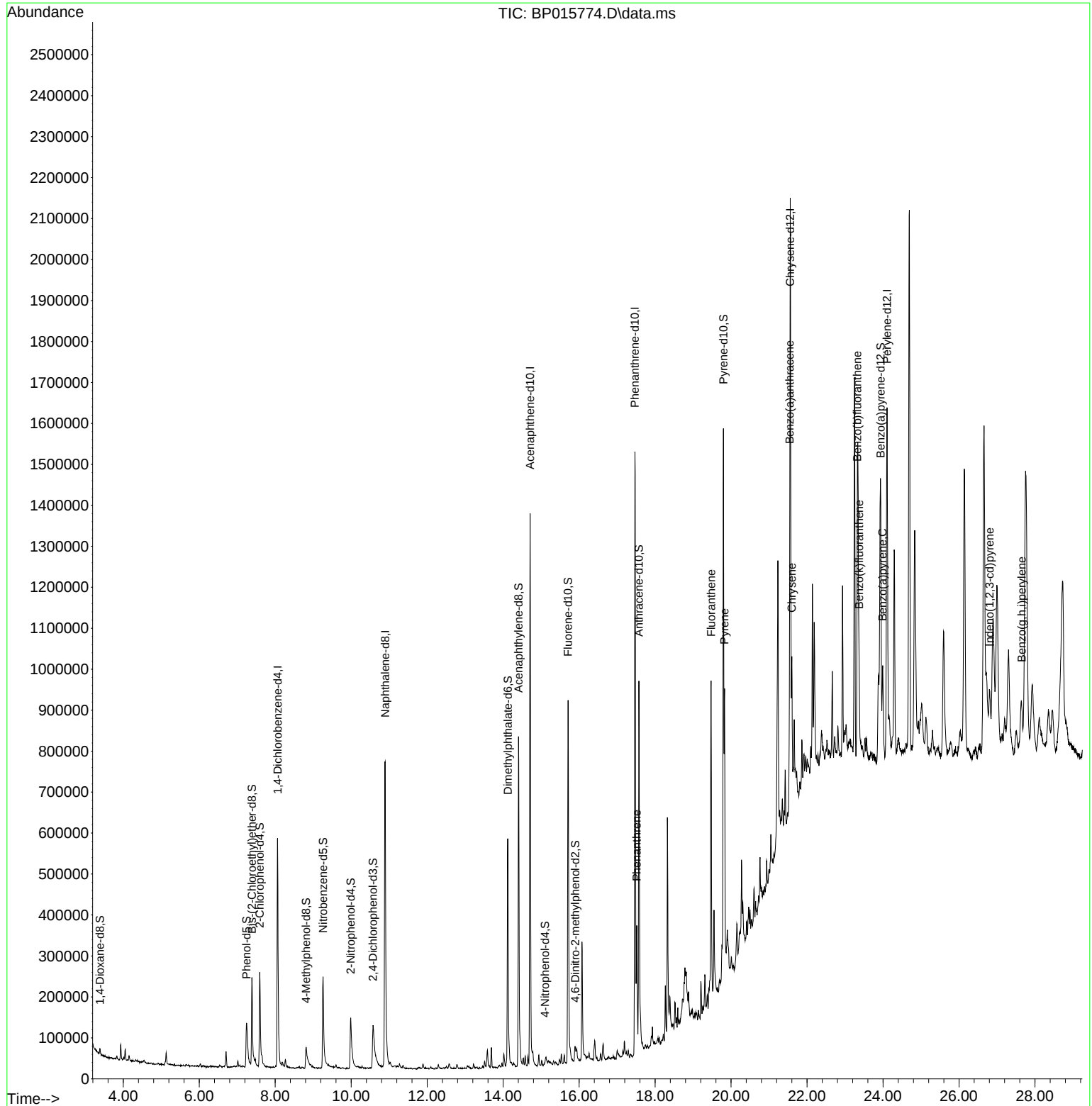
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
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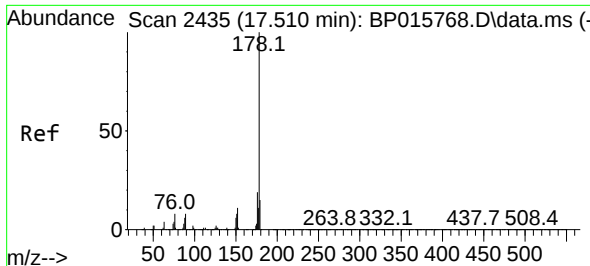
Instrument :
BNA_P
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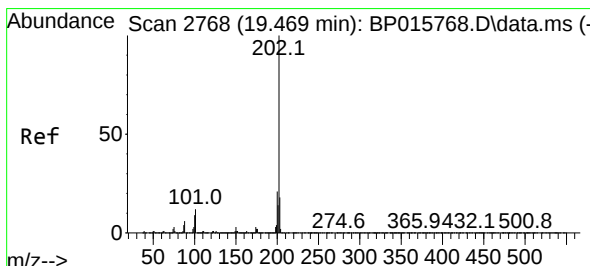
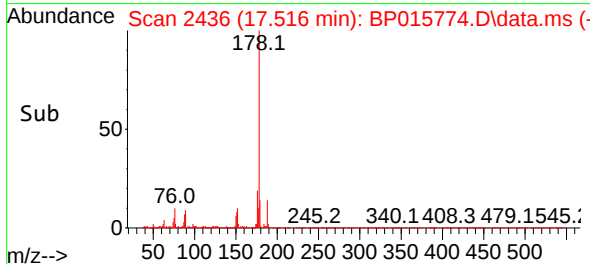
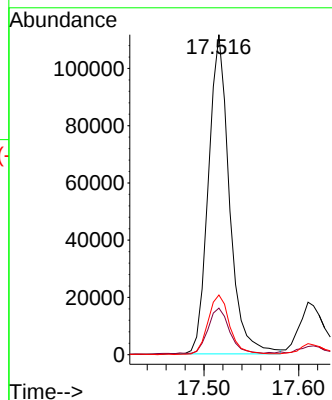
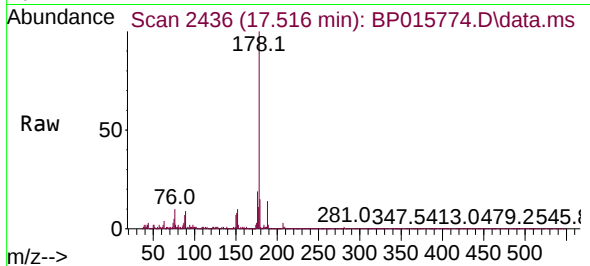
#72
Phenanthrene
Concen: 3.353 ng/ul
RT: 17.516 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BP015774.D
Acq: 28 Jun 2023 12:08

Instrument :
BNA_P
ClientSampleId :
DCFS2

Tgt Ion:178 Resp: 171800
Ion Ratio Lower Upper
178 100
179 14.6 12.4 18.6
176 18.6 15.6 23.4

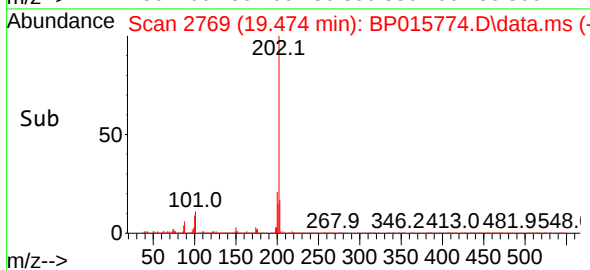
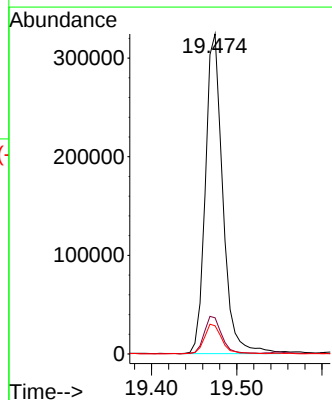
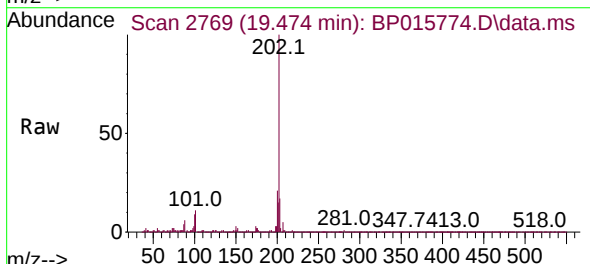
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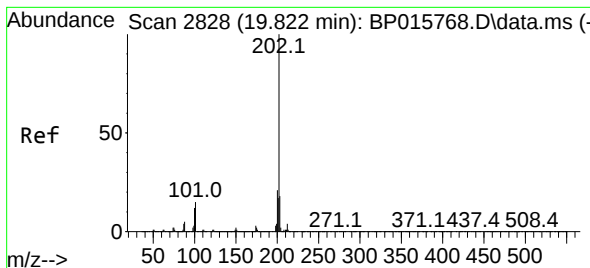
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#80
Fluoranthene
Concen: 8.482 ng/ul
RT: 19.474 min Scan# 2769
Delta R.T. -0.000 min
Lab File: BP015774.D
Acq: 28 Jun 2023 12:08

Tgt Ion:202 Resp: 460238
Ion Ratio Lower Upper
202 100
101 11.3 8.3 12.5
100 8.8 6.6 9.8





#82

Pyrene

Concen: 7.090 ng/ul

RT: 19.827 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015774.D

Acq: 28 Jun 2023 12:08

Instrument :

BNA_P

ClientSampleId :

DCFS2

Tgt Ion:202 Resp: 392390

Ion Ratio Lower Upper

202 100

101 13.1 9.3 13.9

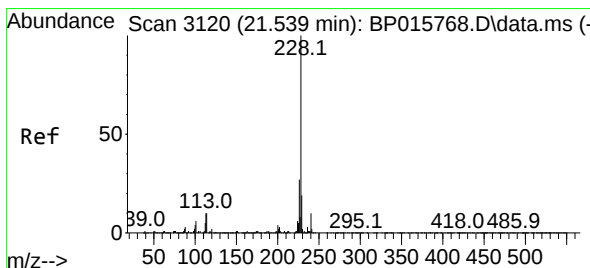
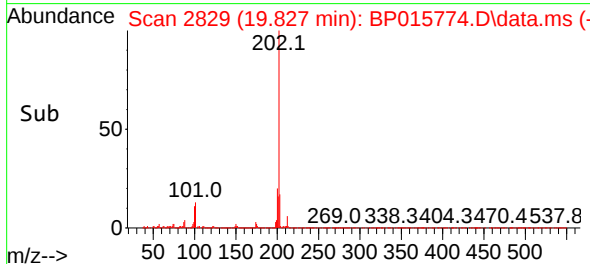
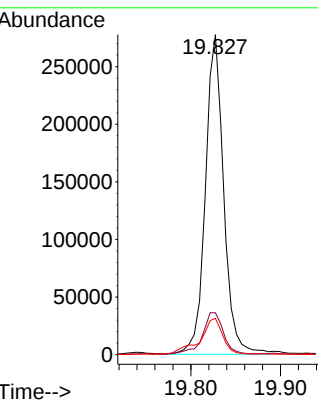
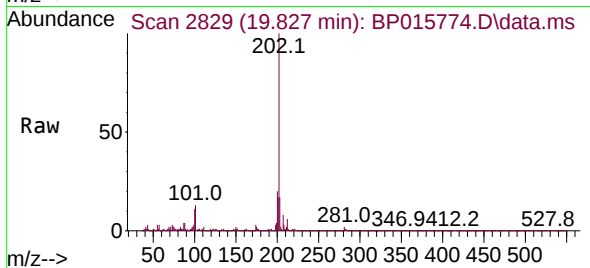
100 11.3 7.6 11.4

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#85

Benzo(a)anthracene

Concen: 3.978 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. -0.000 min

Lab File: BP015774.D

Acq: 28 Jun 2023 12:08

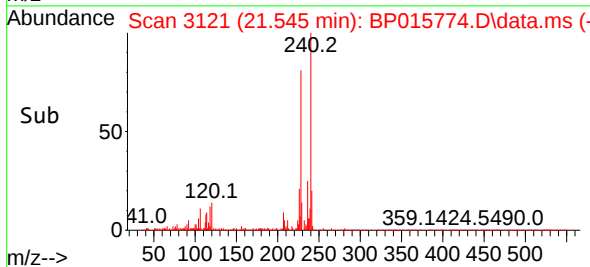
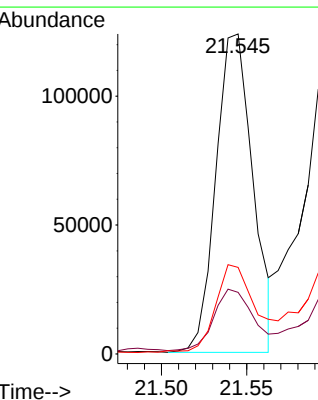
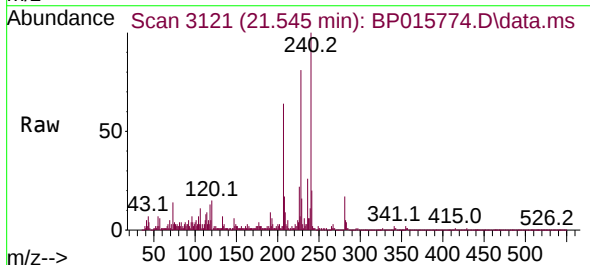
Tgt Ion:228 Resp: 187117

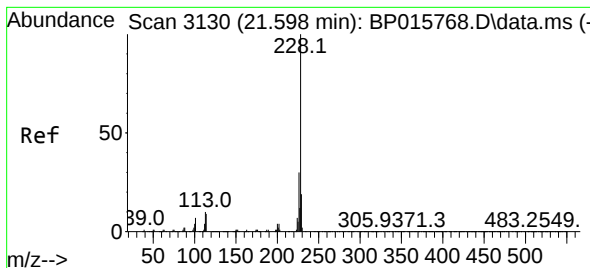
Ion Ratio Lower Upper

228 100

229 19.3 15.3 22.9

226 27.0 21.4 32.0





#87

Chrysene

Concen: 5.025 ng/ul

RT: 21.598 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BP015774.D

Acq: 28 Jun 2023 12:08

Instrument :

BNA_P

ClientSampleId :

DCFS2

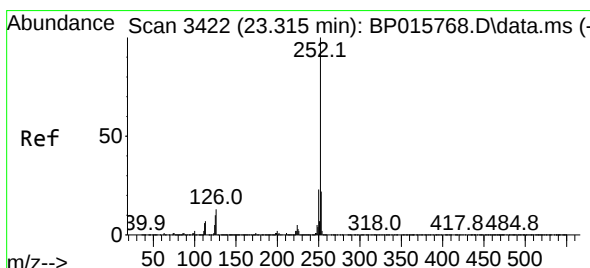
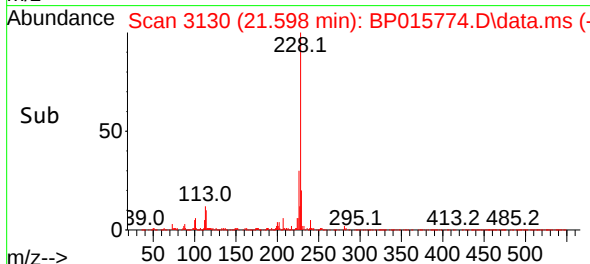
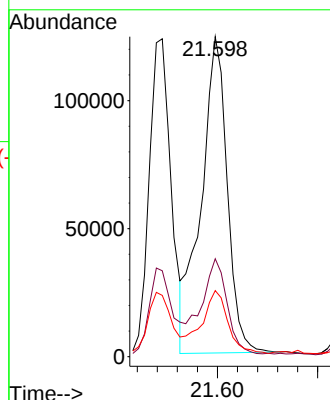
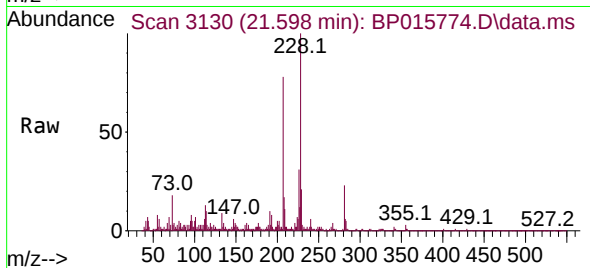
Tgt Ion:	228	Resp:	224225
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.3	36.5
229	20.7	15.5	23.3

Manual Integrations

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Supervised By :mohammad ahmed 06/29/2023



#90

Benzo(b)fluoranthene

Concen: 6.931 ng/ul

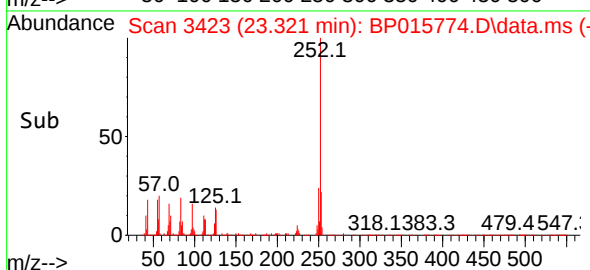
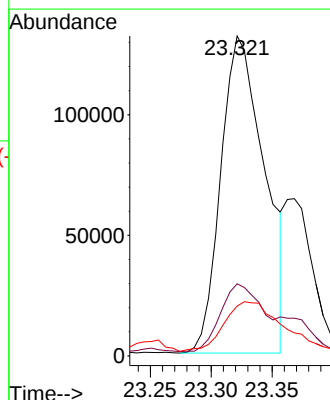
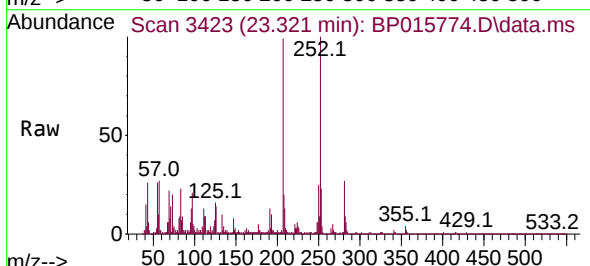
RT: 23.321 min Scan# 3423

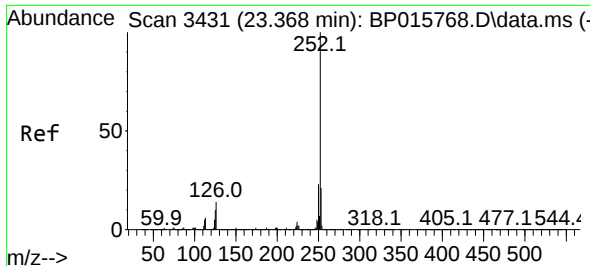
Delta R.T. -0.006 min

Lab File: BP015774.D

Acq: 28 Jun 2023 12:08

Tgt Ion:	252	Resp:	328285
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.3	25.9
125	15.6	7.5	11.3





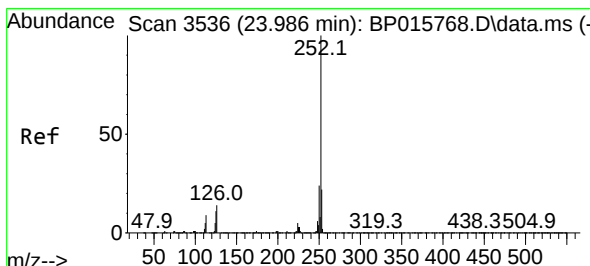
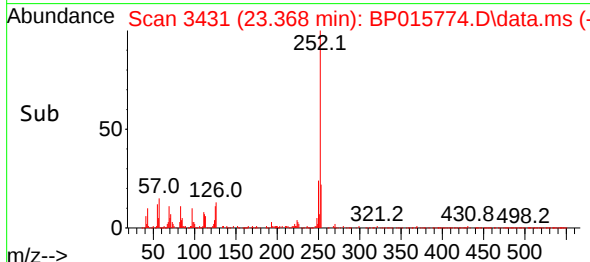
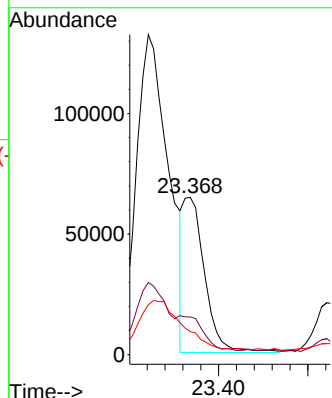
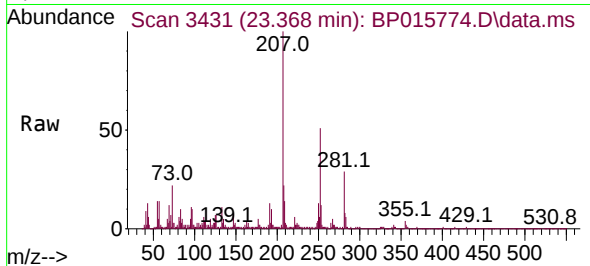
#91
Benzo(k)fluoranthene
Concen: 2.232 ng/ul m
RT: 23.368 min Scan# 3431
Delta R.T. -0.012 min
Lab File: BP015774.D
Acq: 28 Jun 2023 12:08

Instrument :
BNA_P
ClientSampleId :
DCFS2

Tgt Ion:252 Resp: 106810
Ion Ratio Lower Upper
252 100
253 24.1 17.0 25.4
125 14.7 7.3 10.9

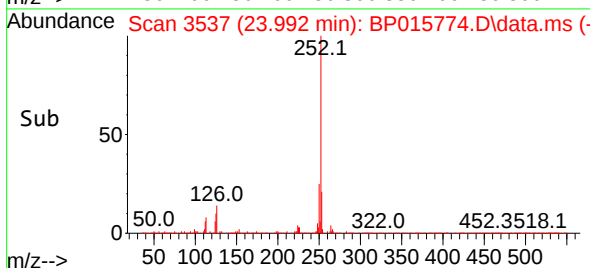
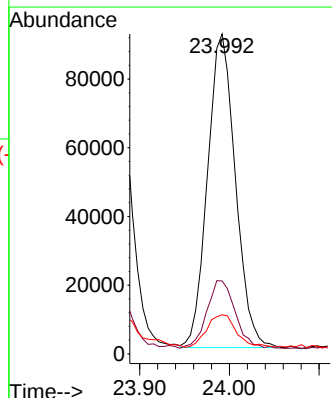
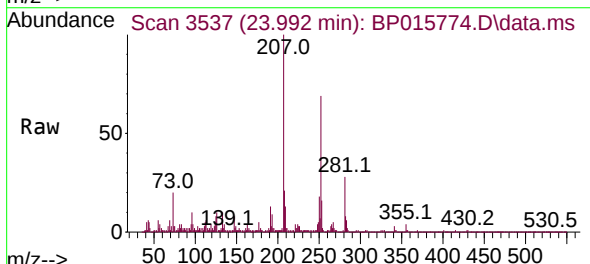
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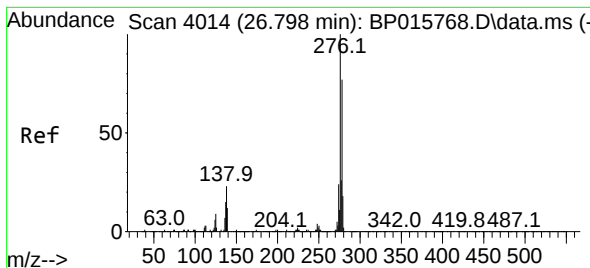
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#93
Benzo(a)pyrene
Concen: 4.761 ng/ul
RT: 23.992 min Scan# 3537
Delta R.T. -0.012 min
Lab File: BP015774.D
Acq: 28 Jun 2023 12:08

Tgt Ion:252 Resp: 197039
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 12.2 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.043 ng/ul

RT: 26.803 min Scan# 4014

Delta R.T. -0.012 min

Lab File: BP015774.D

Acq: 28 Jun 2023 12:08

Instrument :

BNA_P

ClientSampleId :

DCFS2

Tgt Ion:276 Resp: 17096

Ion Ratio Lower Upper

276 100

138 21.4 15.7 23.5

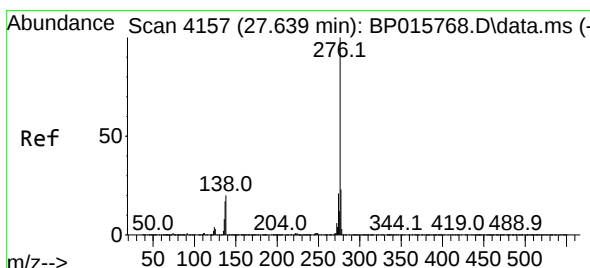
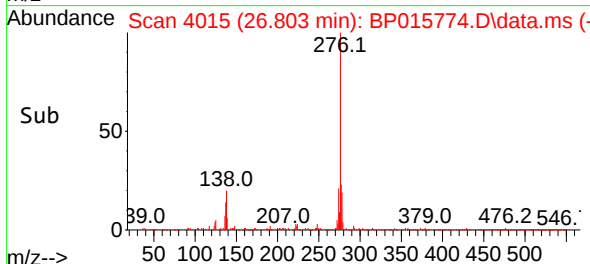
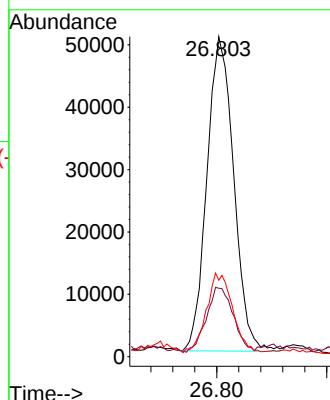
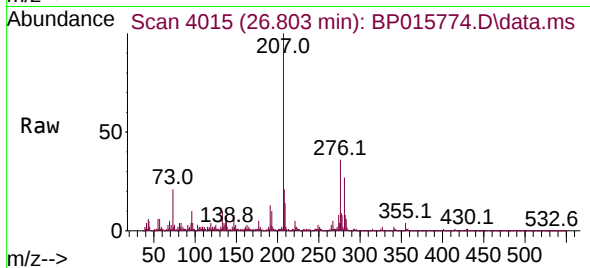
277 23.9 19.6 29.4

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 3.460 ng/ul

RT: 27.650 min Scan# 4159

Delta R.T. -0.006 min

Lab File: BP015774.D

Acq: 28 Jun 2023 12:08

Tgt Ion:276 Resp: 159948

Ion Ratio Lower Upper

276 100

138 20.0 15.1 22.7

277 25.0 18.8 28.2

