

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
 Data File : BP015595.D
 Acq On : 16 Jun 2023 23:41
 Operator : MA/JU
 Sample : 03080-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFH6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 17 00:26:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	140282	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	616773	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	404020	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.481	188	910239	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	857255	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	919031	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	11373	3.002	ng/uL	0.00
4) Pyridine-d5	3.846	84	118098	12.002	ng/u1	0.00
7) Phenol-d5	7.240	99	241604	18.695	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	155128	20.099	ng/u1	0.00
11) 2-Chlorophenol-d4	7.611	132	194957	20.807	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	174655	16.467	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	101633	20.989	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	115503	20.887	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	204560	20.279	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	187842	12.973	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	725329	22.767	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	790216	22.683	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	75822	13.290	ng/u1	0.01
60) Fluorene-d10	15.722	176	603479	22.462	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	98647	17.107	ng/u1	0.00
73) Anthracene-d10	17.581	188	926735	22.377	ng/u1	0.00
81) Pyrene-d10	19.804	212	1171084	25.524	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	1094470	23.734	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.528	178	167903	3.437	ng/u1	98
80) Fluoranthene	19.480	202	524372	9.382	ng/u1	98
82) Pyrene	19.833	202	443307	7.667	ng/u1	99
85) Benzo(a)anthracene	21.545	228	270560	4.515	ng/u1	99
87) Chrysene	21.604	228	312843m	5.523	ng/u1	
90) Benzo(b)fluoranthene	23.327	252	516421	8.705	ng/u1	96
91) Benzo(k)fluoranthene	23.374	252	141644m	2.470	ng/u1	
93) Benzo(a)pyrene	23.998	252	314580	6.082	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.798	276	240090	3.587	ng/u1	97
95) Dibenzo(a,h)anthracene	26.810	278	59086	1.083	ng/u1#	86
96) Benzo(g,h,i)perylene	27.627	276	221161	4.009	ng/u1	98

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

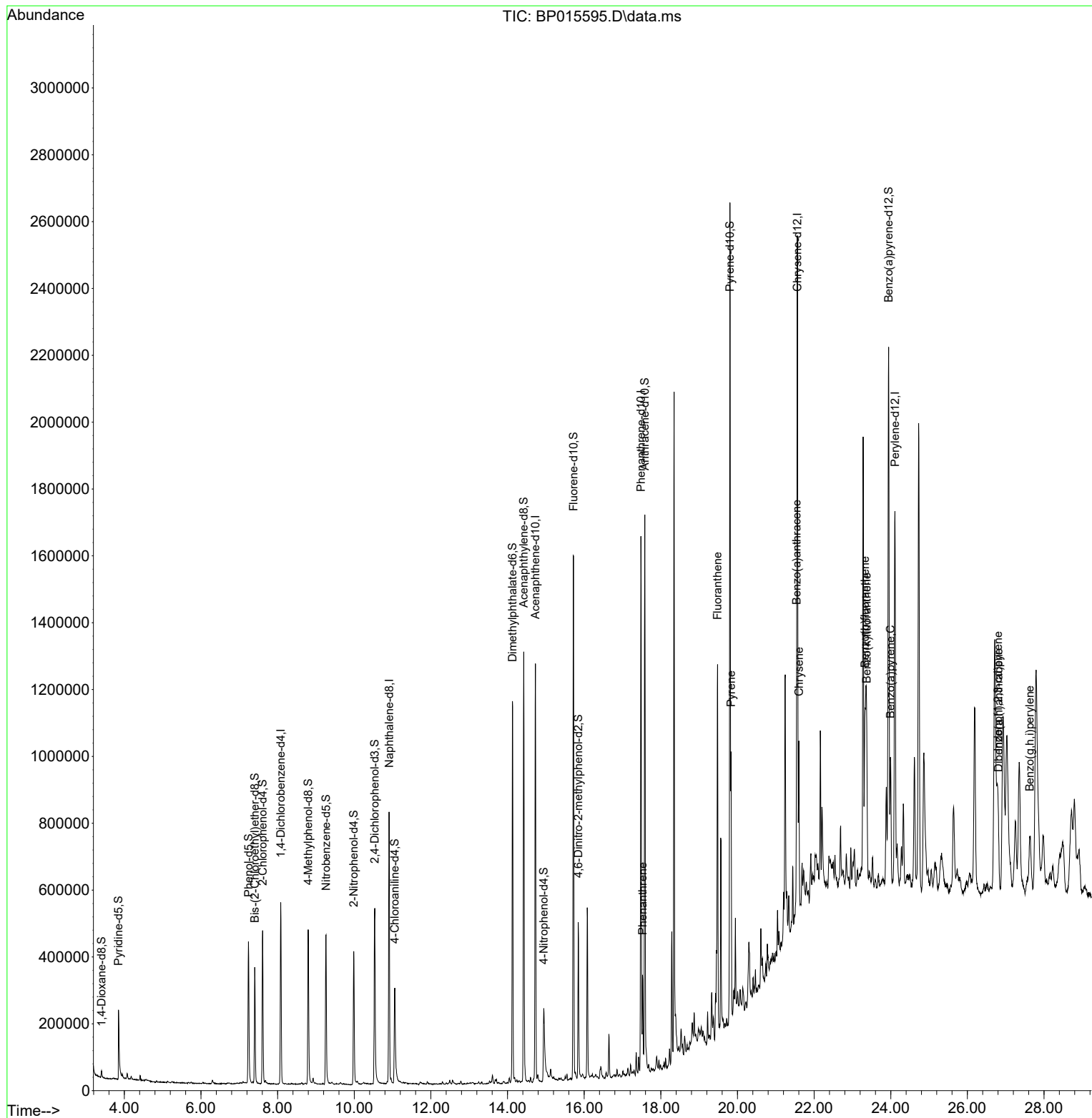
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
Data File : BP015595.D
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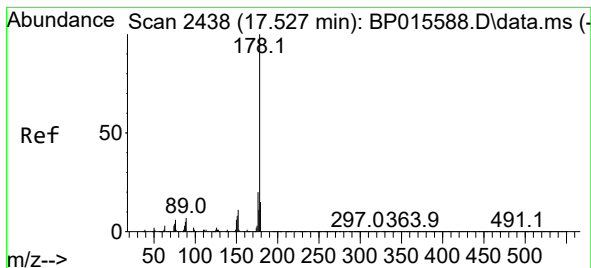
Instrument :
BNA_P
ClientSampleId :
DCFH6

Quant Time: Jun 17 00:26:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
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#72

Phenanthrene

Concen: 3.437 ng/ul

RT: 17.528 min Scan# 2438

Delta R.T. 0.000 min

Lab File: BP015595.D

Acq: 16 Jun 2023 23:41

Instrument :

BNA_P

ClientSampleId :

DCFH6

Tgt Ion:178 Resp: 16790

Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

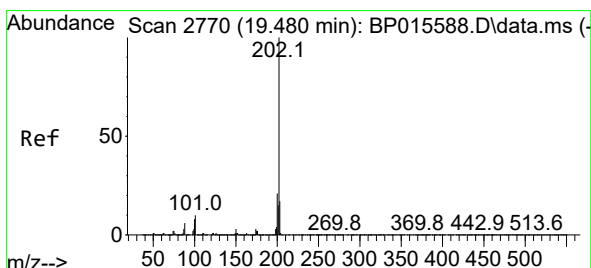
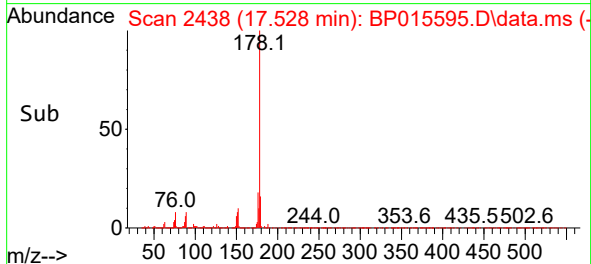
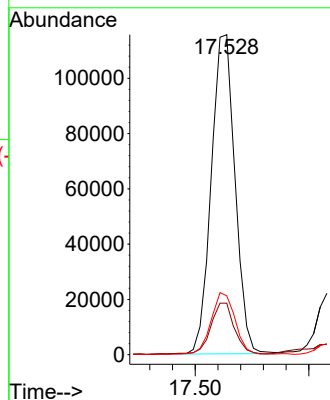
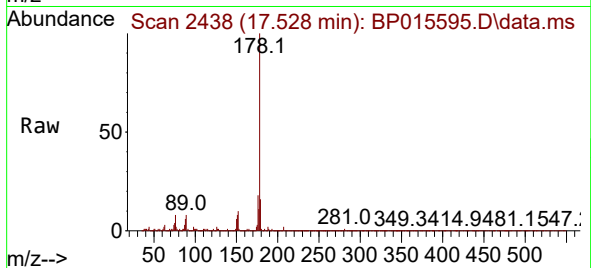
176 18.4 15.4 23.0

Manual Integrations

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#80

Fluoranthene

Concen: 9.382 ng/ul

RT: 19.480 min Scan# 2770

Delta R.T. -0.006 min

Lab File: BP015595.D

Acq: 16 Jun 2023 23:41

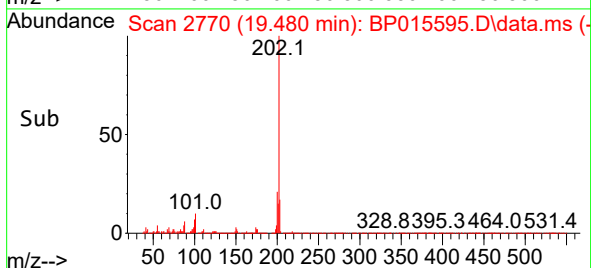
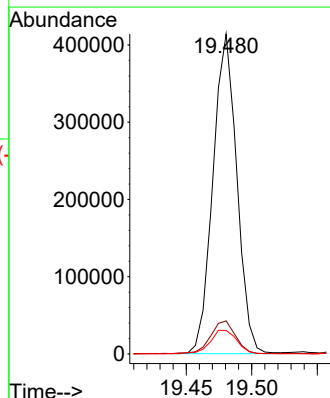
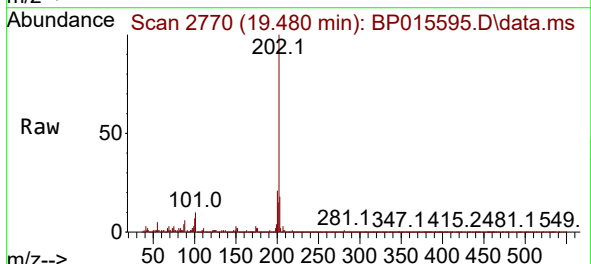
Tgt Ion:202 Resp: 524372

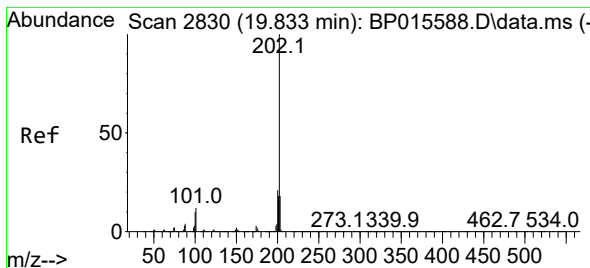
Ion Ratio Lower Upper

202 100

101 10.4 8.6 13.0

100 7.3 6.6 9.8





#82

Pyrene

Concen: 7.667 ng/ul

RT: 19.833 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015595.D

Acq: 16 Jun 2023 23:41

Instrument :

BNA_P

ClientSampleId :

DCFH6

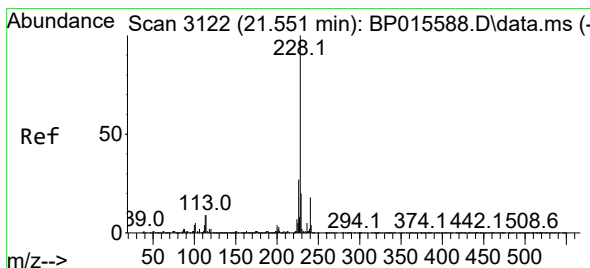
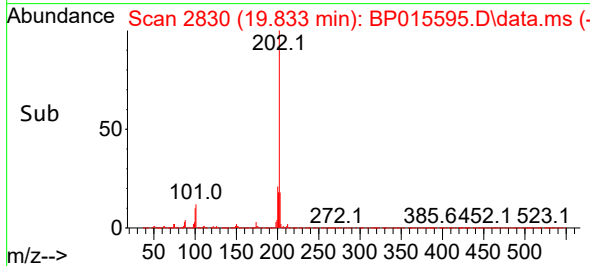
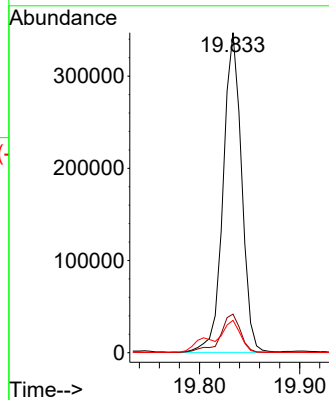
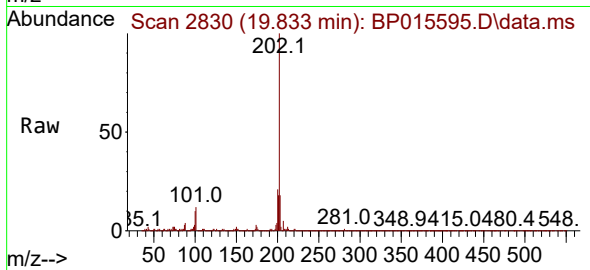
Tgt Ion:	202	Resp:	44330
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.9	14.9
100	10.1	8.4	12.6

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#85

Benzo(a)anthracene

Concen: 4.515 ng/ul

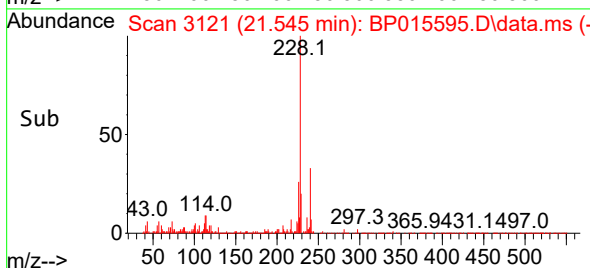
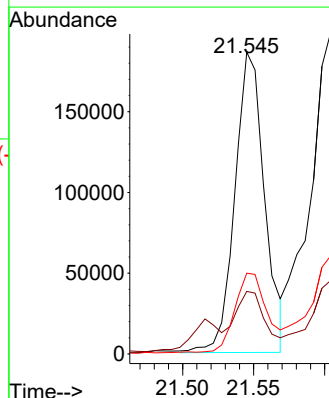
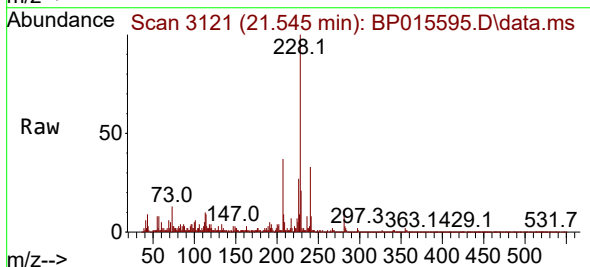
RT: 21.545 min Scan# 3121

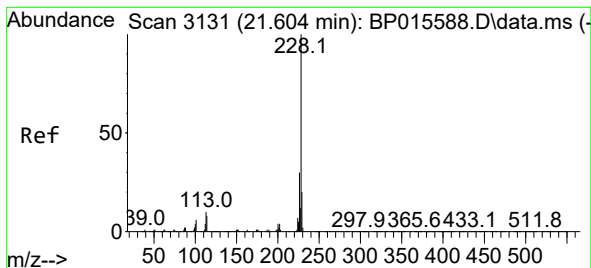
Delta R.T. -0.006 min

Lab File: BP015595.D

Acq: 16 Jun 2023 23:41

Tgt Ion:	228	Resp:	270560
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.8	23.6
226	26.8	21.8	32.6





#87

Chrysene

Concen: 5.523 ng/ul m

RT: 21.604 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP015595.D

Acq: 16 Jun 2023 23:41

Instrument :

BNA_P

ClientSampleId :

DCFH6

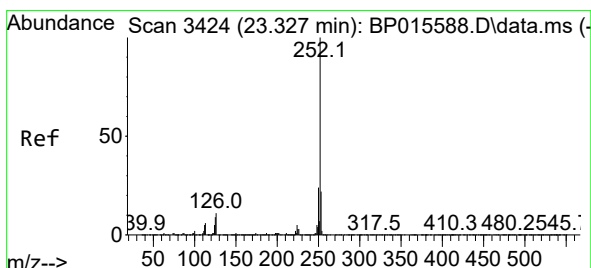
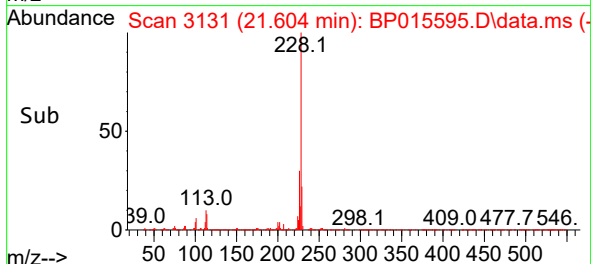
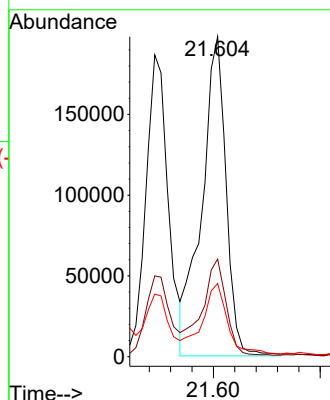
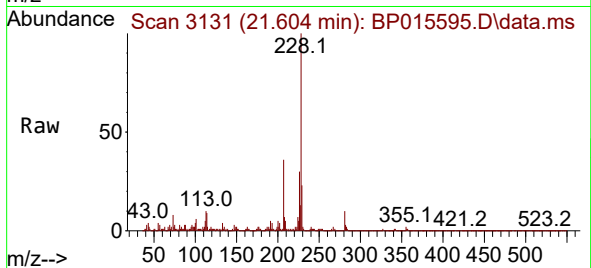
Tgt Ion:	228	Resp:	31284
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.9	35.9
229	22.8	15.1	22.7

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Supervised By :mohammad ahmed 06/20/2023



#90

Benzo(b)fluoranthene

Concen: 8.705 ng/ul

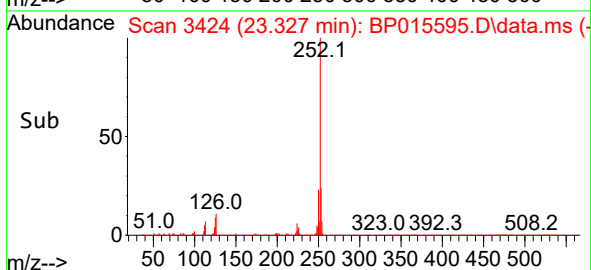
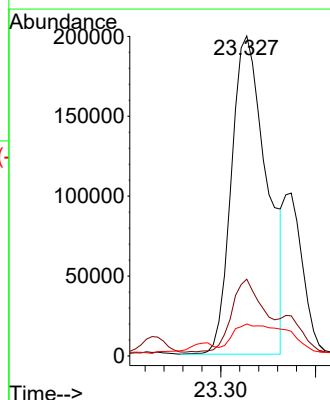
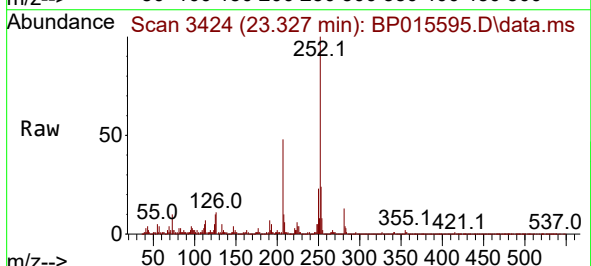
RT: 23.327 min Scan# 3424

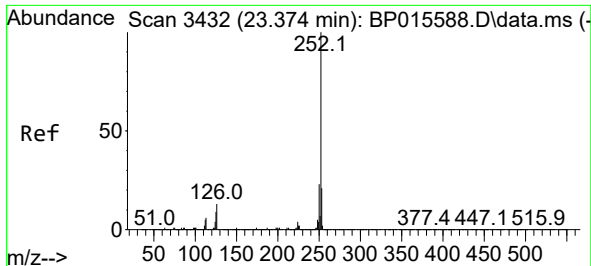
Delta R.T. 0.000 min

Lab File: BP015595.D

Acq: 16 Jun 2023 23:41

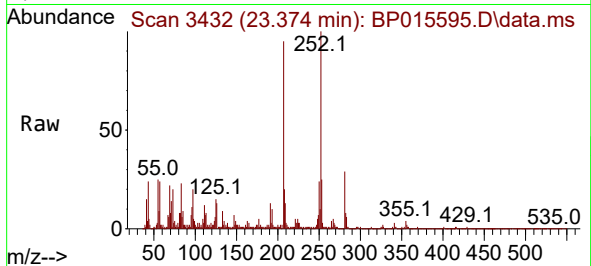
Tgt Ion:	252	Resp:	516421
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.4	26.2
125	10.0	7.3	10.9





#91
Benzo(k)fluoranthene
Concen: 2.470 ng/ul m
RT: 23.374 min Scan# 3432
Delta R.T. -0.006 min
Lab File: BP015595.D
Acq: 16 Jun 2023 23:41

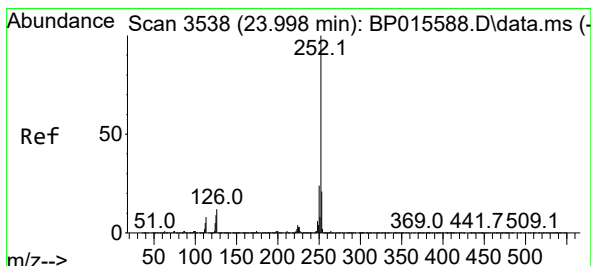
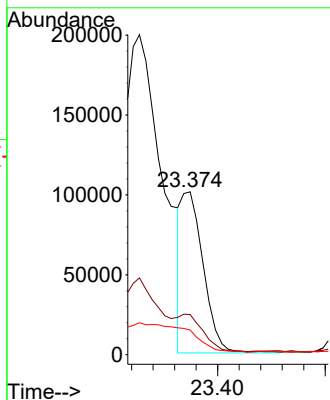
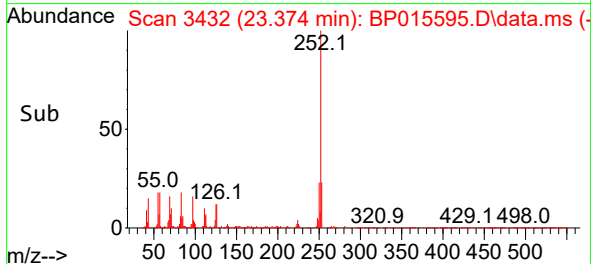
Instrument :
BNA_P
ClientSampleId :
DCFH6



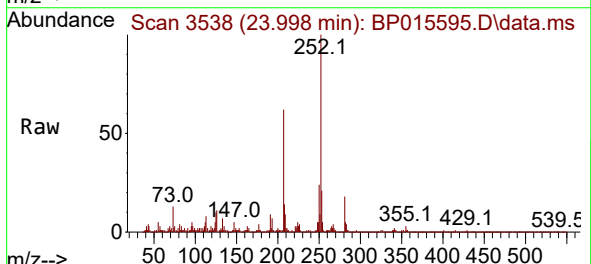
Tgt Ion:252 Resp: 141644
Ion Ratio Lower Upper
252 100
253 24.6 17.7 26.5
125 15.1 7.3 10.9

Manual Integrations
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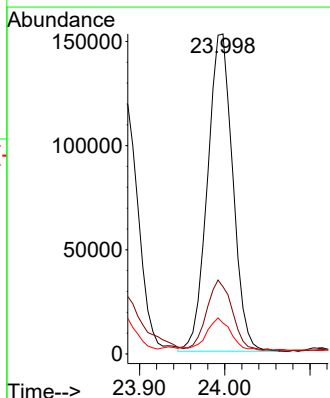
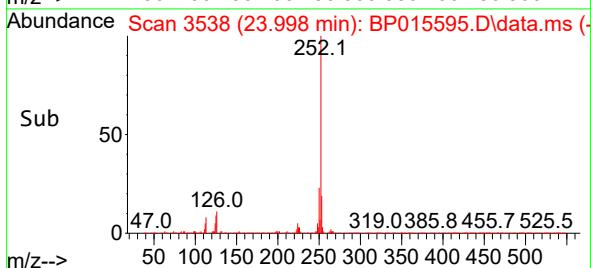
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

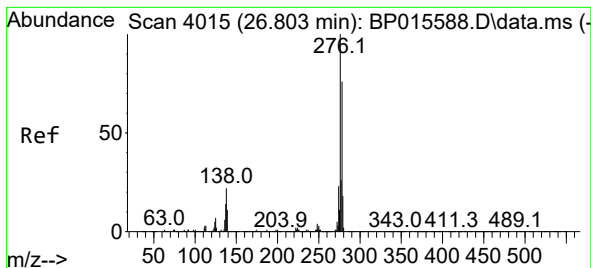


#93
Benzo(a)pyrene
Concen: 6.082 ng/ul
RT: 23.998 min Scan# 3538
Delta R.T. -0.006 min
Lab File: BP015595.D
Acq: 16 Jun 2023 23:41



Tgt Ion:252 Resp: 314580
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.6
125 9.6 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.587 ng/ul

RT: 26.798 min Scan# 4015

Delta R.T. -0.012 min

Lab File: BP015595.D

Acq: 16 Jun 2023 23:41

Instrument :

BNA_P

ClientSampleId :

DCFH6

Tgt Ion:276 Resp: 240090

Ion Ratio Lower Upper

276 100

138 24.3 17.3 25.9

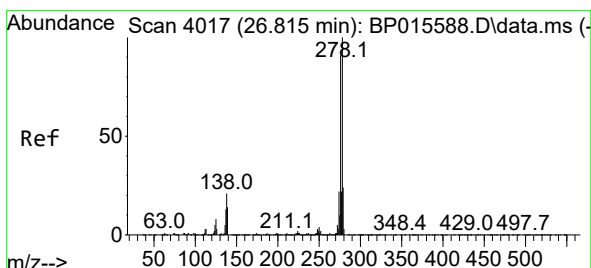
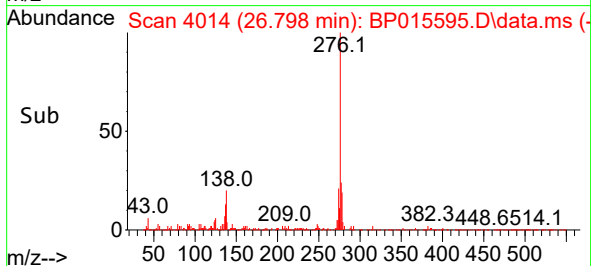
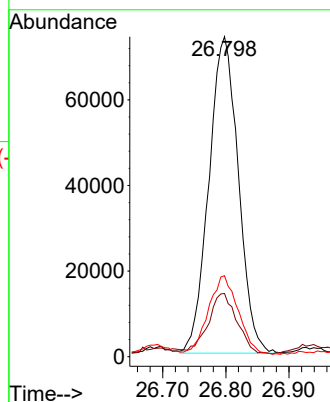
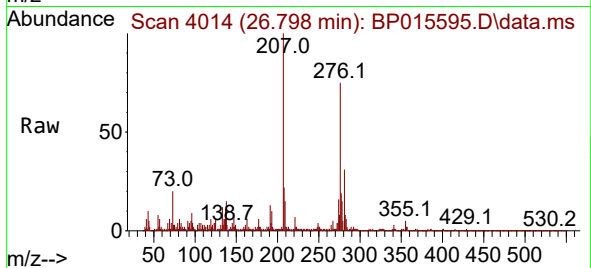
277 25.3 20.2 30.2

Manual Integrations

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#95

Dibenzo(a,h)anthracene

Concen: 1.083 ng/ul

RT: 26.810 min Scan# 4016

Delta R.T. -0.018 min

Lab File: BP015595.D

Acq: 16 Jun 2023 23:41

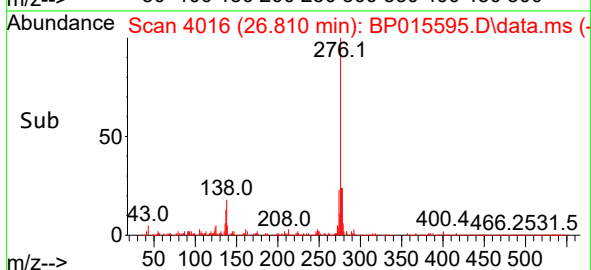
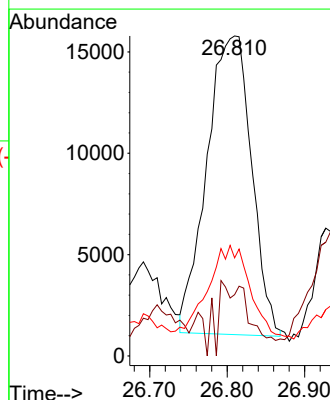
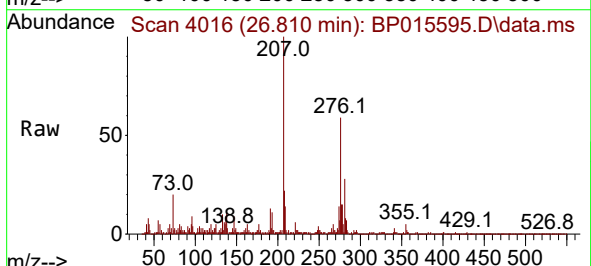
Tgt Ion:278 Resp: 59086

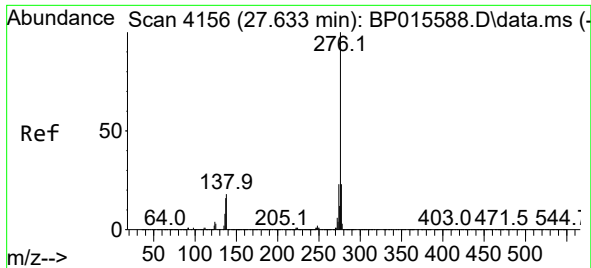
Ion Ratio Lower Upper

278 100

139 19.2 11.4 17.0#

279 30.6 18.7 28.1#





#96

Benzo(g,h,i)perylene

Concen: 4.009 ng/ul

RT: 27.627 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP015595.D

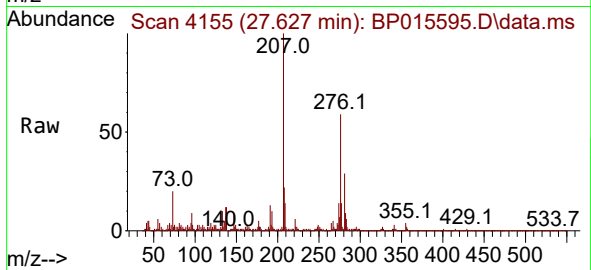
Acq: 16 Jun 2023 23:41

Instrument :

BNA_P

ClientSampleId :

DCFH6



Tgt Ion:276 Resp: 22116

Ion Ratio Lower Upper

276 100

138 20.8 15.6 23.4

277 23.0 19.0 28.6

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