

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015799.D
 Acq On : 29 Jun 2023 08:25
 Operator : MA/JU
 Sample : 03142-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFS5

Manual Integrations
 APPROVED

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

Quant Time: Jun 29 09:06:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	355434	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	1374632	20.000	ng/u1 #	0.00
38) Acenaphthene-d10	14.710	164	668864	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1158868	20.000	ng/u1 #	0.00
79) Chrysene-d12	21.557	240	1094262	20.000	ng/u1	0.00
88) Perylene-d12	24.098	264	1372466	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	28052	2.840	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.234	99	405958	13.349	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	313000	16.636	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	350877	15.284	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	242208	10.082	ng/u1	0.00
21) Nitrobenzene-d5	9.252	128	161355	15.359	ng/u1	0.01
24) 2-Nitrophenol-d4	9.981	143	171182	13.961	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.551	165	248246	11.362	ng/u1	0.04
31) 4-Chloroaniline-d4	11.081	131	122100	4.350	ng/u1	0.05
46) Dimethylphthalate-d6	14.122	166	787633	15.235	ng/u1	0.01
49) Acenaphthylene-d8	14.404	160	907042	15.608	ng/u1	0.00
54) 4-Nitrophenol-d4	15.028	143	34761m	5.095	ng/u1	0.08
60) Fluorene-d10	15.710	176	618755	14.536	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.881	200	45776m	6.423	ng/u1	0.02
73) Anthracene-d10	17.575	188	807072	15.247	ng/u1	0.00
81) Pyrene-d10	19.798	212	952915	13.336	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	1098664	15.869	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.434	152	71442	1.116	ng/u1	97
72) Phenanthrene	17.510	178	143055	2.272	ng/u1	99
80) Fluoranthene	19.469	202	358993	4.043	ng/u1#	76
82) Pyrene	19.827	202	314749	3.475	ng/u1#	91
85) Benzo(a)anthracene	21.539	228	176123	2.288	ng/u1	97
87) Chrysene	21.598	228	216742	2.968	ng/u1	97
90) Benzo(b)fluoranthene	23.321	252	368221	4.175	ng/u1#	93
91) Benzo(k)fluoranthene	23.363	252	135660m	1.523	ng/u1	
93) Benzo(a)pyrene	23.986	252	206988	2.686	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	26.798	276	196089	1.875	ng/u1	96
96) Benzo(g,h,i)perylene	27.639	276	169641	1.971	ng/u1#	95

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

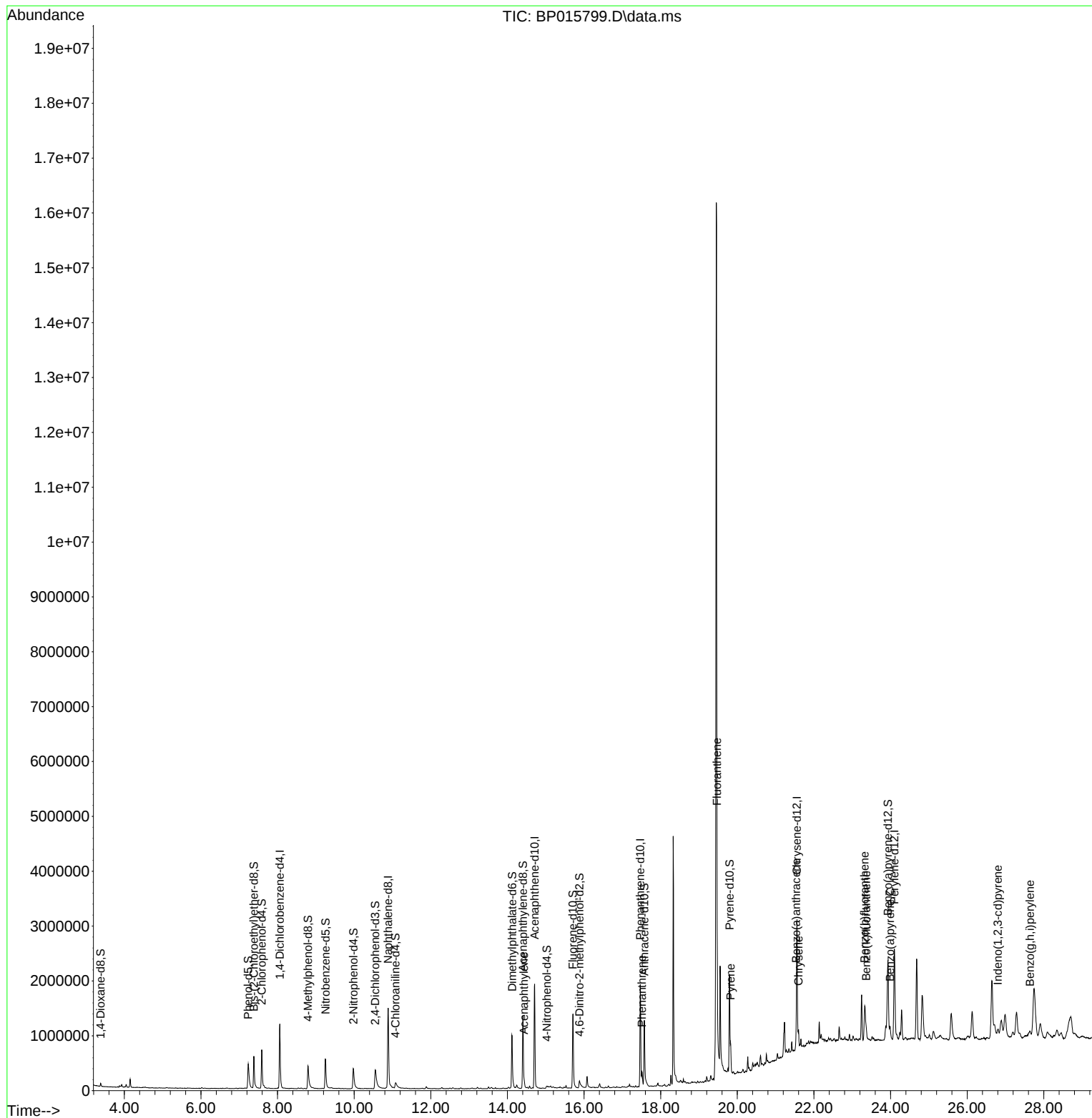
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015799.D
Acq On : 29 Jun 2023 08:25
Operator : MA/JU
Sample : 03142-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

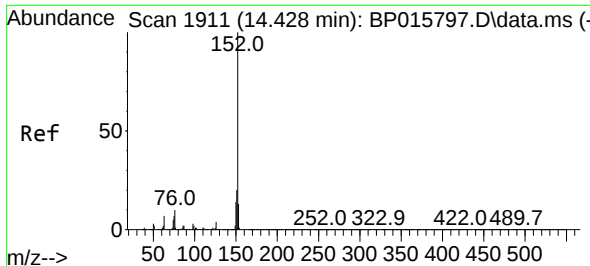
Instrument :
BNA_P
ClientSampleId :
DCFS5

Manual Integrations
APPROVED

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

Quant Time: Jun 29 09:06:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
Response via : Initial Calibration





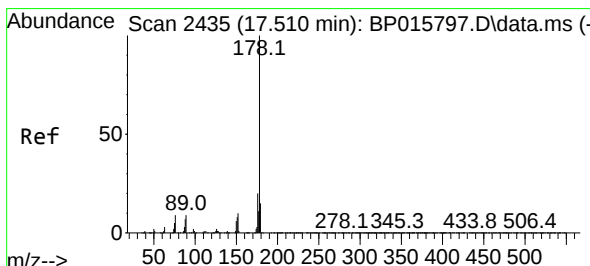
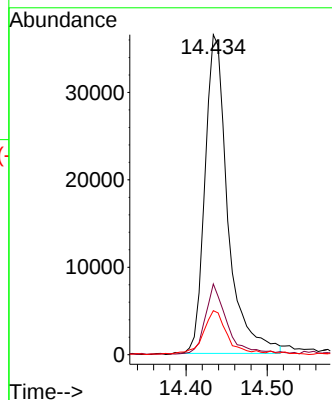
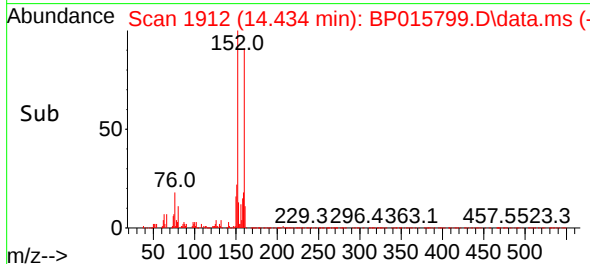
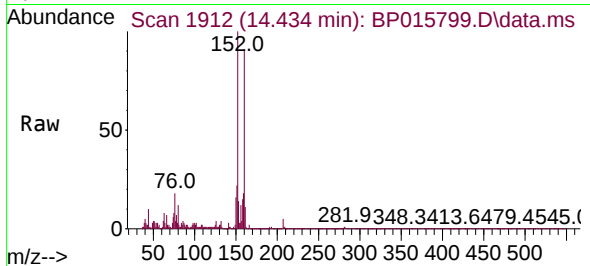
#50
Acenaphthylene
Concen: 1.116 ng/ul
RT: 14.434 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP015799.D
Acq: 29 Jun 2023 08:25

Instrument :
BNA_P
ClientSampleId :
DCFS5

Tgt Ion:152 Resp: 7144
Ion Ratio Lower Upper
152 100
151 22.1 16.2 24.2
153 13.8 10.5 15.7

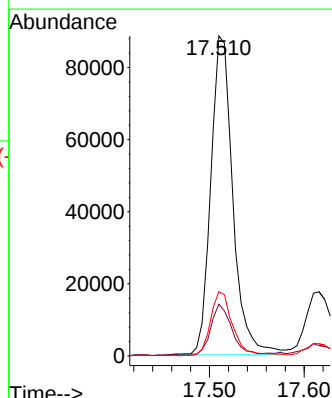
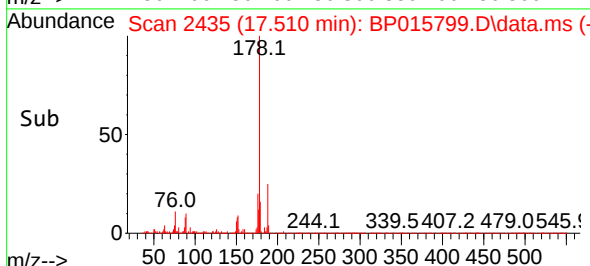
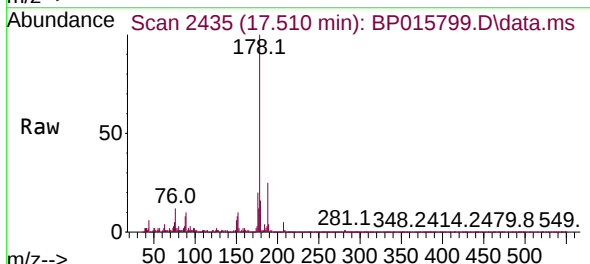
Manual Integrations
APPROVED

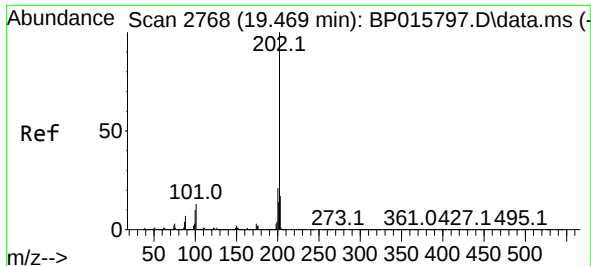
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#72
Phenanthrene
Concen: 2.272 ng/ul
RT: 17.510 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BP015799.D
Acq: 29 Jun 2023 08:25

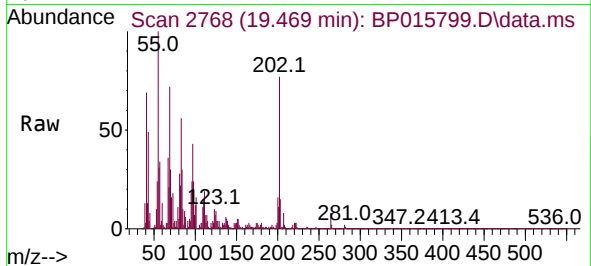
Tgt Ion:178 Resp: 143055
Ion Ratio Lower Upper
178 100
179 16.2 12.4 18.6
176 20.1 15.6 23.4





#80
Fluoranthene
Concen: 4.043 ng/ul
RT: 19.469 min Scan# 2768
Delta R.T. -0.006 min
Lab File: BP015799.D
Acq: 29 Jun 2023 08:25

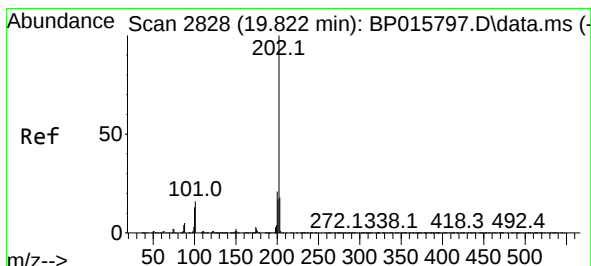
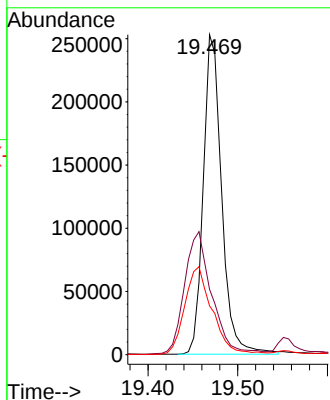
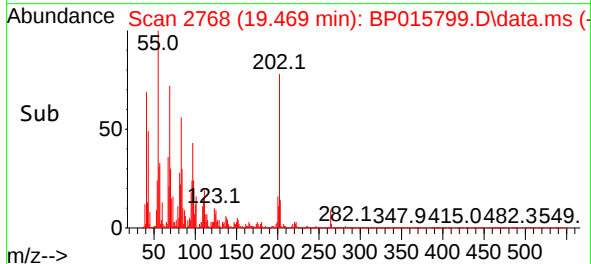
Instrument :
BNA_P
ClientSampleId :
DCFS5



Tgt Ion:202 Resp: 35899
Ion Ratio Lower Upper
202 100
101 20.4 8.3 12.5
100 15.3 6.6 9.8

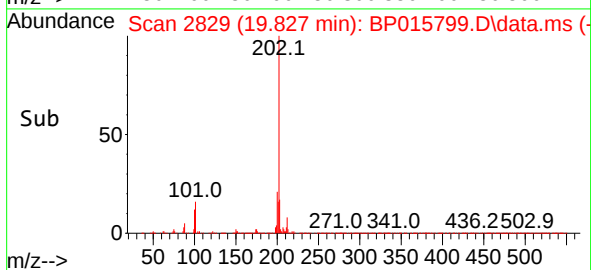
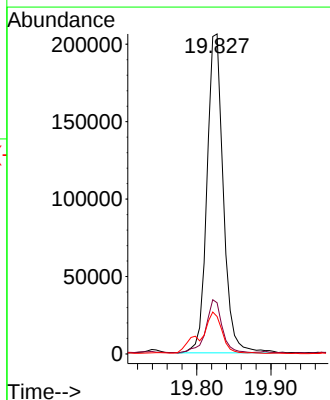
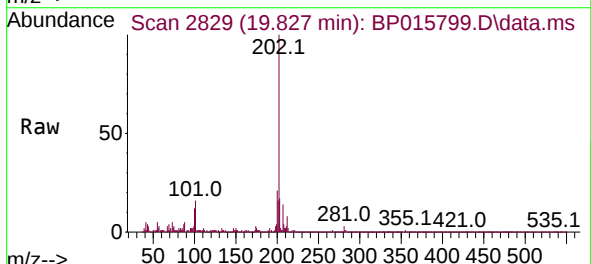
Manual Integrations
APPROVED

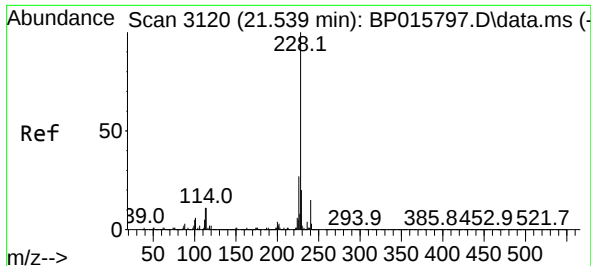
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#82
Pyrene
Concen: 3.475 ng/ul
RT: 19.827 min Scan# 2829
Delta R.T. -0.000 min
Lab File: BP015799.D
Acq: 29 Jun 2023 08:25

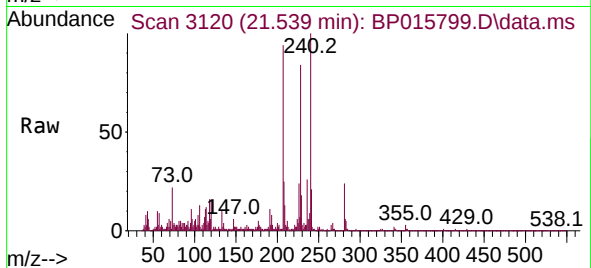
Tgt Ion:202 Resp: 314749
Ion Ratio Lower Upper
202 100
101 16.0 9.3 13.9#
100 11.7 7.6 11.4#





#85
Benzo(a)anthracene
Concen: 2.288 ng/ul
RT: 21.539 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BP015799.D
Acq: 29 Jun 2023 08:25

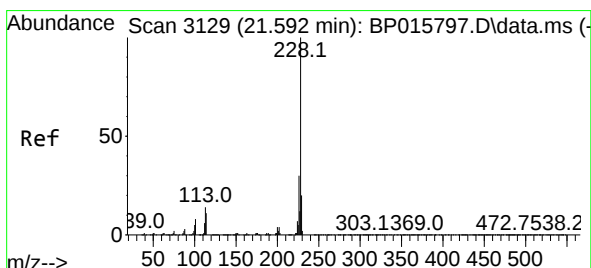
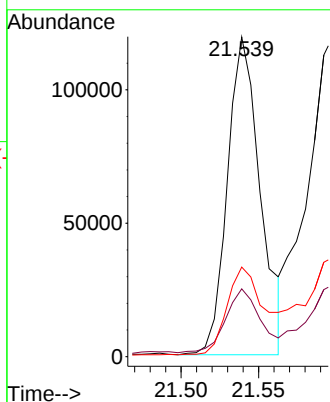
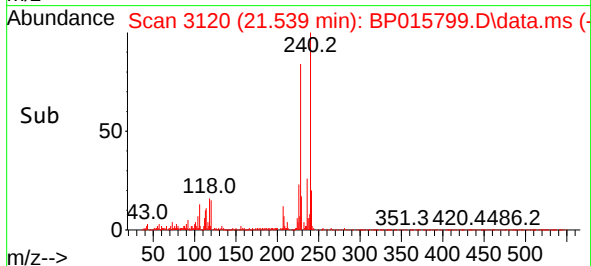
Instrument :
BNA_P
ClientSampleId :
DCFS5



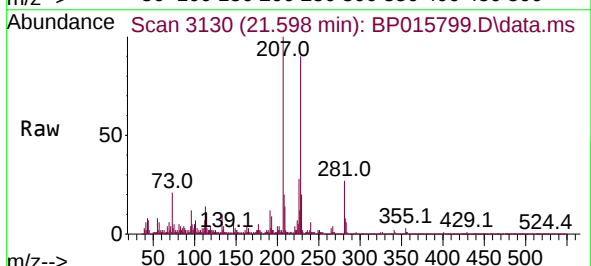
Tgt Ion:228 Resp: 17612
Ion Ratio Lower Upper
228 100
229 21.2 15.3 22.9
226 28.0 21.4 32.0

Manual Integrations
APPROVED

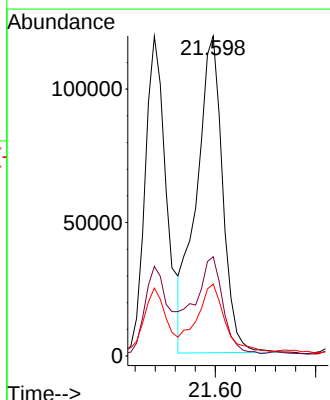
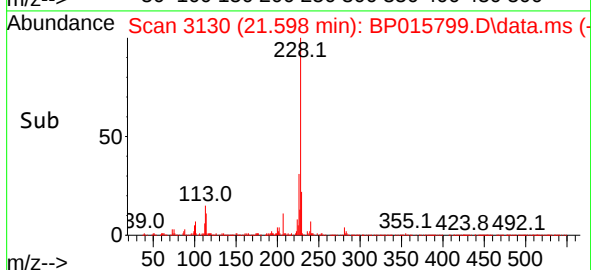
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

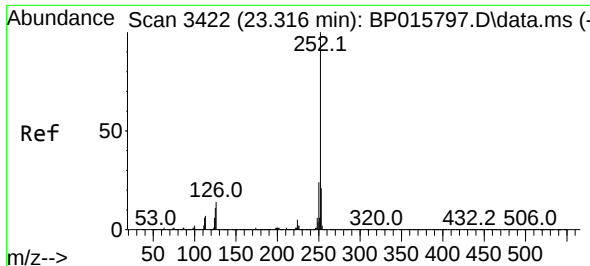


#87
Chrysene
Concen: 2.968 ng/ul
RT: 21.598 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BP015799.D
Acq: 29 Jun 2023 08:25



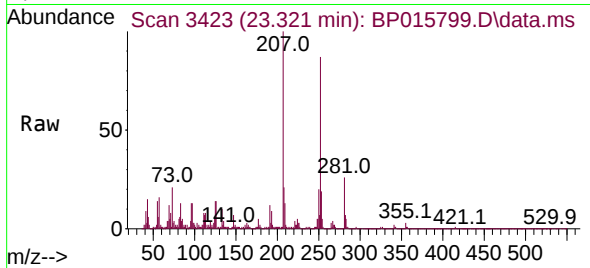
Tgt Ion:228 Resp: 216742
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 22.5 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 4.175 ng/ul
RT: 23.321 min Scan# 3422
Delta R.T. 0.006 min
Lab File: BP015799.D
Acq: 29 Jun 2023 08:25

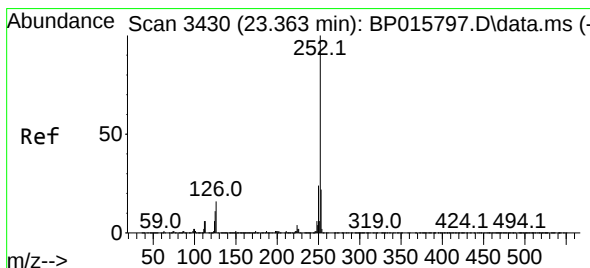
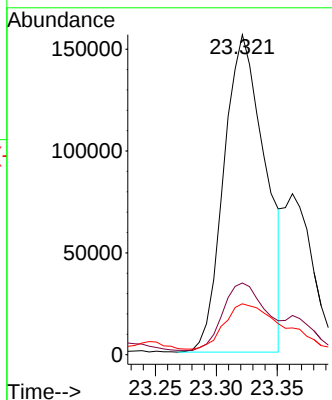
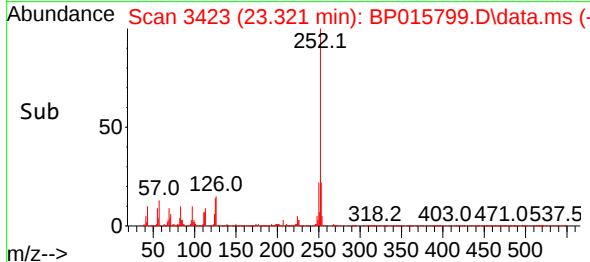
Instrument :
BNA_P
ClientSampleId :
DCFS5



Tgt Ion:252 Resp: 36822
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 15.9 7.5 11.3

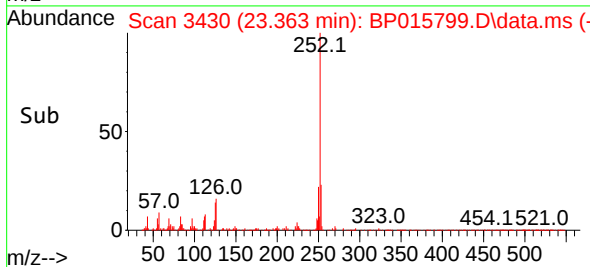
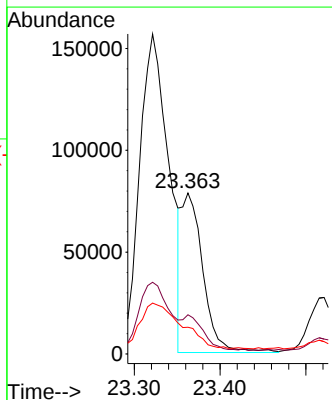
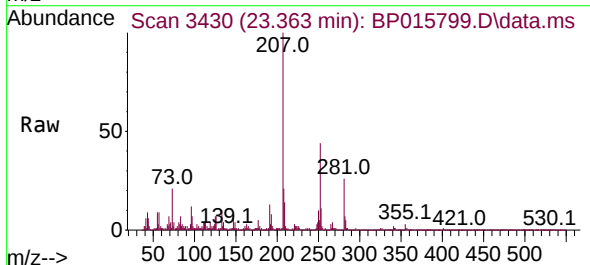
Manual Integrations
APPROVED

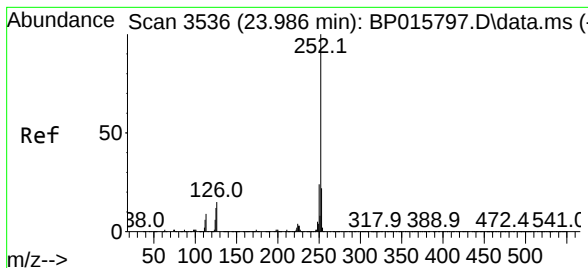
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#91
Benzo(k)fluoranthene
Concen: 1.523 ng/ul m
RT: 23.363 min Scan# 3430
Delta R.T. -0.006 min
Lab File: BP015799.D
Acq: 29 Jun 2023 08:25

Tgt Ion:252 Resp: 135660
Ion Ratio Lower Upper
252 100
253 24.4 17.0 25.4
125 16.6 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 2.686 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. -0.000 min

Lab File: BP015799.D

Acq: 29 Jun 2023 08:25

Instrument :

BNA_P

ClientSampleId :

DCFS5

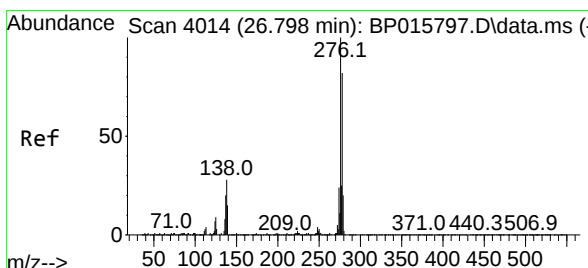
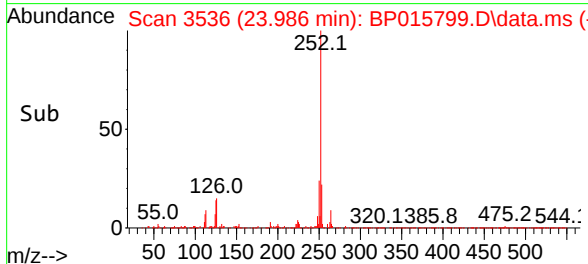
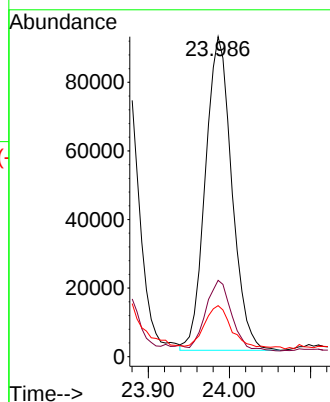
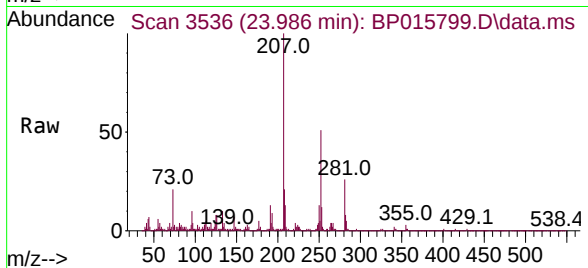
Tgt Ion:	252	Resp:	206988
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.7	26.5
125	15.9	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.875 ng/ul

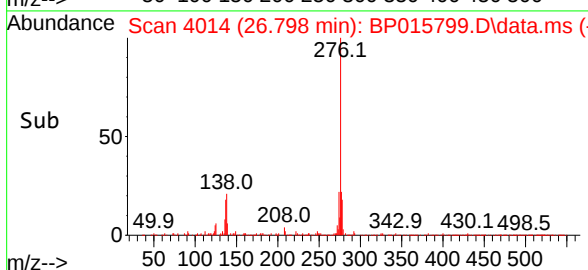
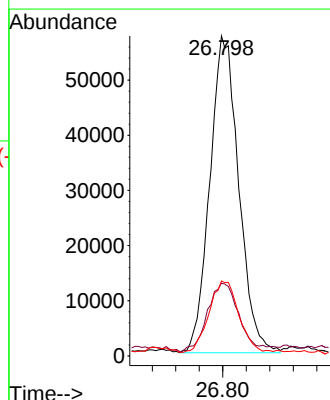
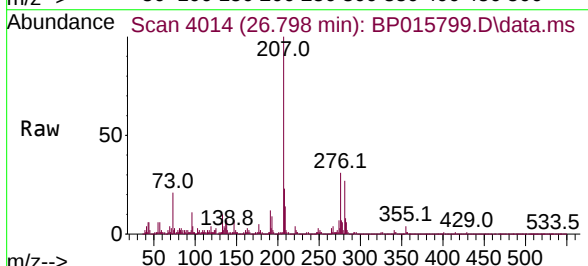
RT: 26.798 min Scan# 4014

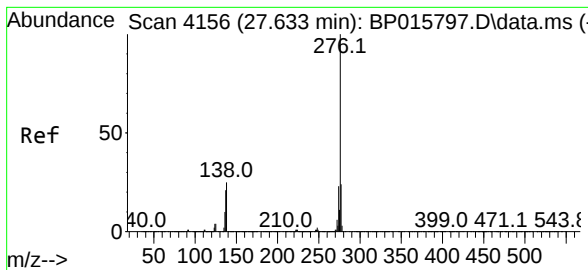
Delta R.T. -0.000 min

Lab File: BP015799.D

Acq: 29 Jun 2023 08:25

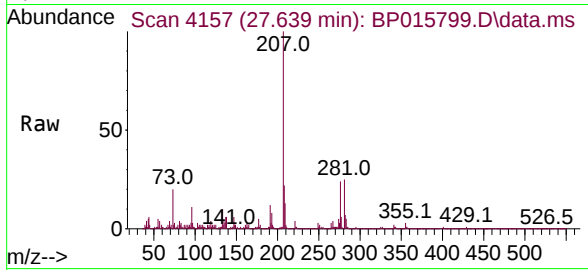
Tgt Ion:	276	Resp:	196089
Ion Ratio	Lower	Upper	
276	100		
138	22.7	15.7	23.5
277	23.4	19.6	29.4





#96
 Benzo(g,h,i)perylene
 Concen: 1.971 ng/ul
 RT: 27.639 min Scan# 4156
 Delta R.T. 0.006 min
 Lab File: BP015799.D
 Acq: 29 Jun 2023 08:25

Instrument :
 BNA_P
 ClientSampleId :
 DCFS5



Tgt Ion:	276	Resp:	16964
Ion Ratio	Lower	Upper	
276	100		
138	24.0	15.1	22.7
277	23.8	18.8	28.2

Manual Integrations
 APPROVED

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

