

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015895.D
 Acq On : 01 Jul 2023 21:37
 Operator : MA/JU
 Sample : 03242-04
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGA1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 02 03:53:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 02:29:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.045	152	273602	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	1138185	20.000	ng/u1 #	0.00
38) Acenaphthene-d10	14.698	164	610722	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	1028944	20.000	ng/u1 #	0.00
79) Chrysene-d12	21.551	240	798918	20.000	ng/u1 #	0.00
88) Perylene-d12	24.098	264	966244	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	34758	4.571	ng/uL	0.00
4) Pyridine-d5	3.822	84	344841	17.989	ng/u1	0.00
7) Phenol-d5	7.234	99	689037	29.434	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	465473	32.139	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	558195	31.588	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	541693	29.291	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	265929	30.572	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	295978	29.154	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	495876	27.410	ng/u1	0.01
31) 4-Chloroaniline-d4	11.057	131	293797	12.642	ng/u1	0.02
46) Dimethylphthalate-d6	14.110	166	1533859	32.494	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	1708867	32.204	ng/u1	0.00
54) 4-Nitrophenol-d4	14.992	143	155148m	24.906	ng/u1	0.02
60) Fluorene-d10	15.698	176	1172930	30.177	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	100721	15.917	ng/u1	0.00
73) Anthracene-d10	17.563	188	1461525	31.096	ng/u1	0.00
81) Pyrene-d10	19.792	212	1548339	29.680	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	1613442	33.102	ng/u1	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.504	178	74180	1.327	ng/u1	98
80) Fluoranthene	19.468	202	151796	2.341	ng/u1#	93
82) Pyrene	19.821	202	139413	2.108	ng/u1#	87
85) Benzo(a)anthracene	21.539	228	116571	2.074	ng/u1#	92
87) Chrysene	21.592	228	172269	3.231	ng/u1	96
90) Benzo(b)fluoranthene	23.315	252	388001	6.249	ng/u1#	80
91) Benzo(k)fluoranthene	23.356	252	100168m	1.597	ng/u1	
93) Benzo(a)pyrene	23.986	252	229970	4.239	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	26.809	276	235051	3.192	ng/u1#	95
95) Dibenzo(a,h)anthracene	26.803	278	61903	1.023	ng/u1#	76
96) Benzo(g,h,i)perylene	27.644	276	233285	3.850	ng/u1#	93

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

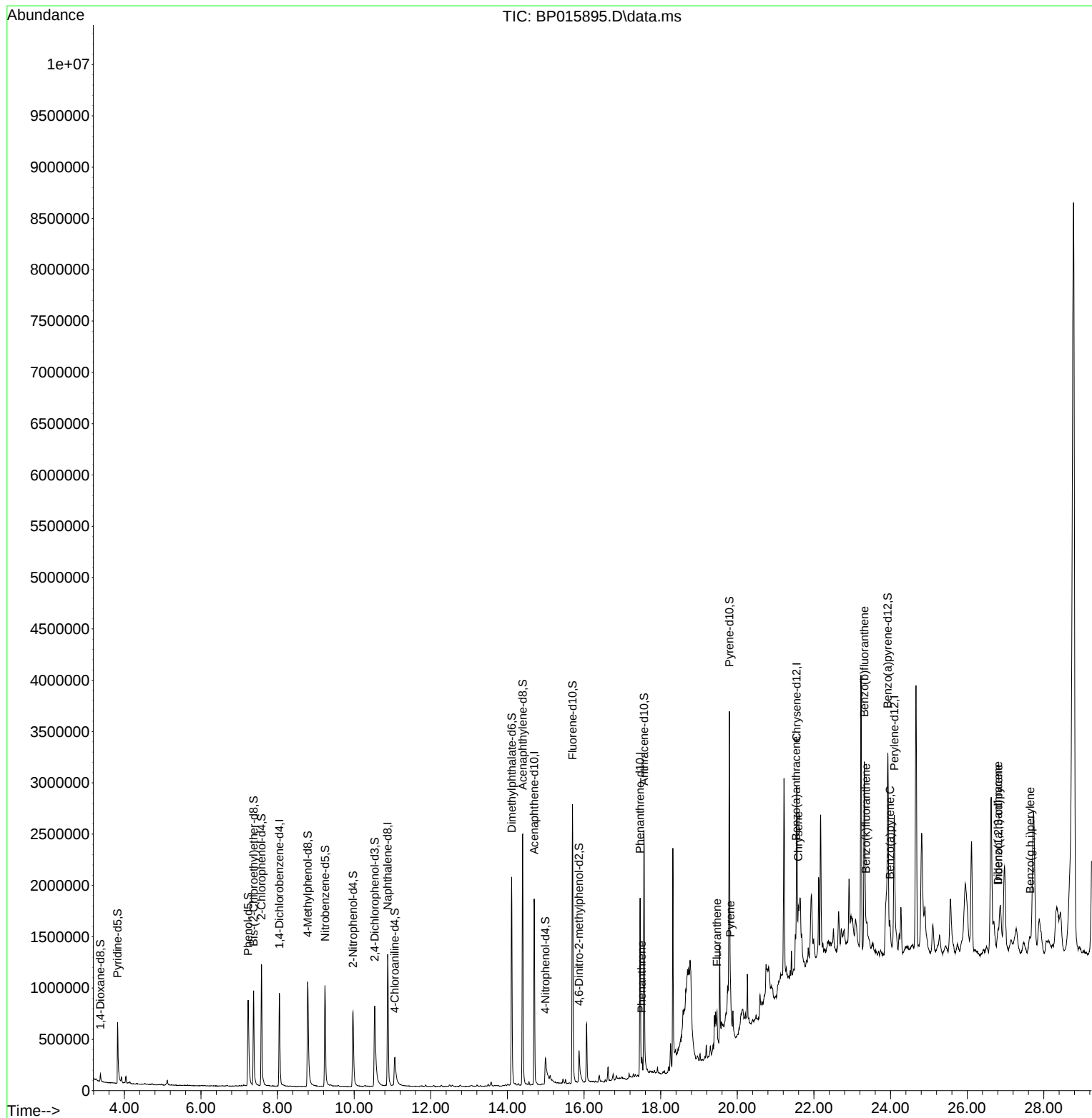
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015895.D
 Acq On : 01 Jul 2023 21:37
 Operator : MA/JU
 Sample : 03242-04
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

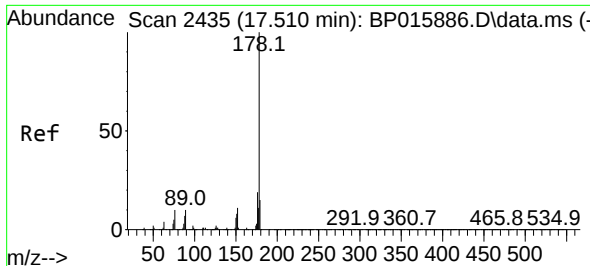
Instrument :
 BNA_P
 ClientSampleId :
 DCGA1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

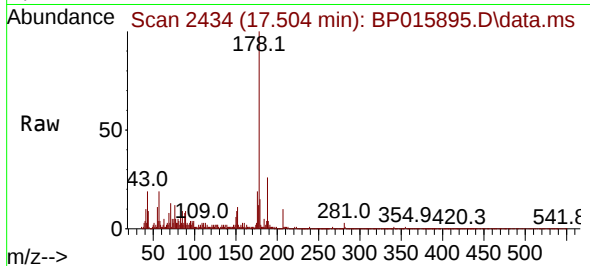
Quant Time: Jul 02 03:53:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 02:29:46 2023
 Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.327 ng/ul
RT: 17.504 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BP015895.D
Acq: 01 Jul 2023 21:37

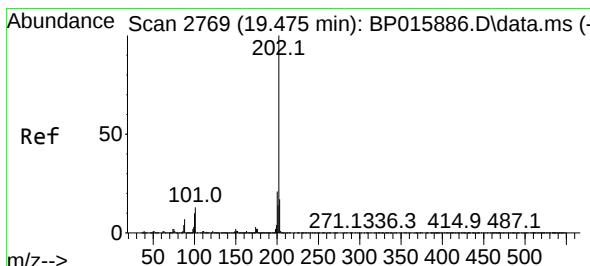
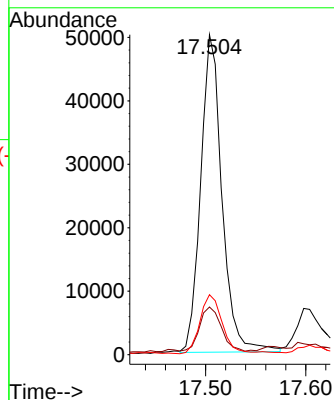
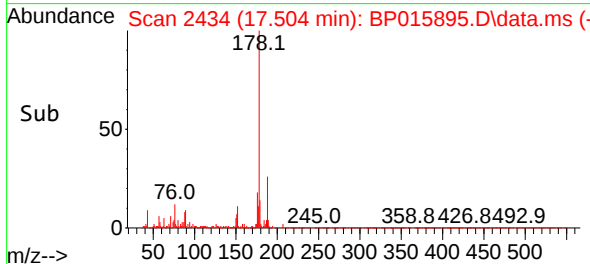
Instrument :
BNA_P
ClientSampleId :
DCGA1



Tgt Ion:178 Resp: 74180
Ion Ratio Lower Upper
178 100
179 14.9 12.4 18.6
176 18.8 15.6 23.4

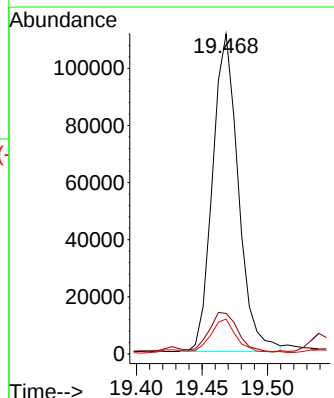
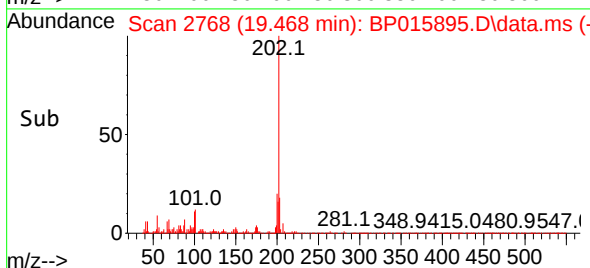
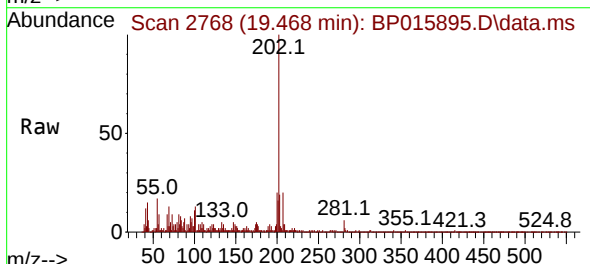
Manual Integrations
APPROVED

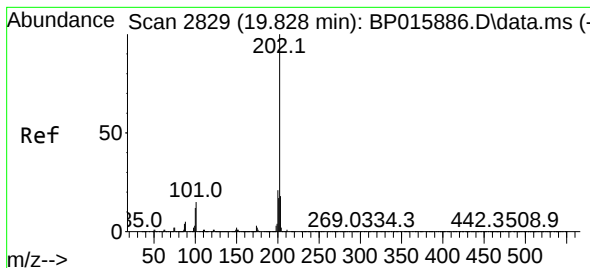
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#80
Fluoranthene
Concen: 2.341 ng/ul
RT: 19.468 min Scan# 2768
Delta R.T. -0.006 min
Lab File: BP015895.D
Acq: 01 Jul 2023 21:37

Tgt Ion:202 Resp: 151796
Ion Ratio Lower Upper
202 100
101 12.7 8.3 12.5#
100 10.9 6.6 9.8#





#82

Pyrene

Concen: 2.108 ng/ul

RT: 19.821 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015895.D

Acq: 01 Jul 2023 21:37

Instrument :

BNA_P

ClientSampleId :

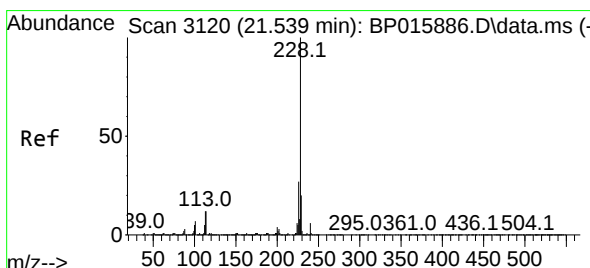
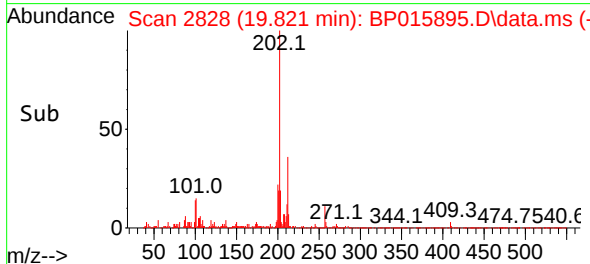
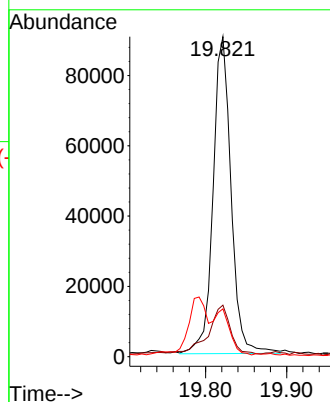
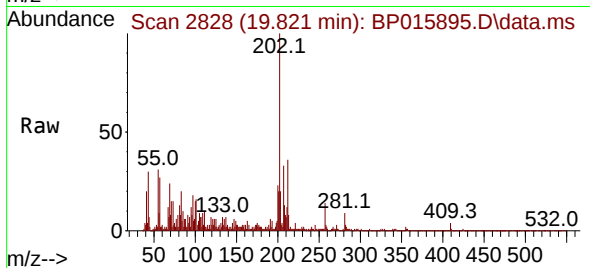
DCGA1

Tgt Ion:202	Resp: 13941
Ion Ratio	Lower Upper
202 100	
101 16.1	9.3 13.9
100 14.9	7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#85

Benzo(a)anthracene

Concen: 2.074 ng/ul

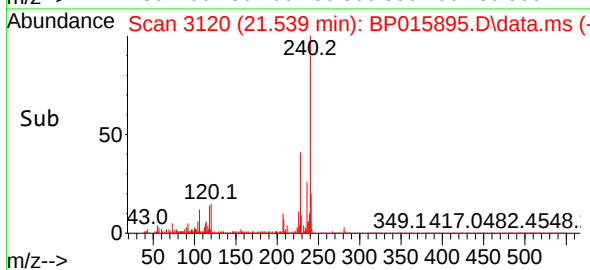
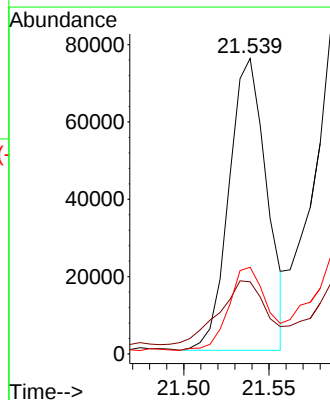
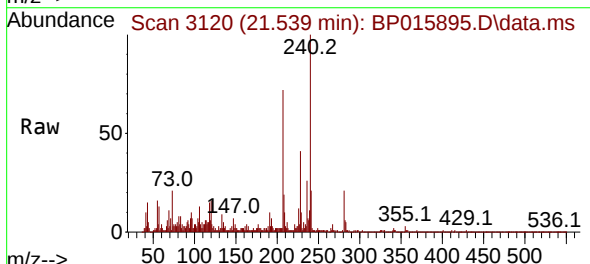
RT: 21.539 min Scan# 3120

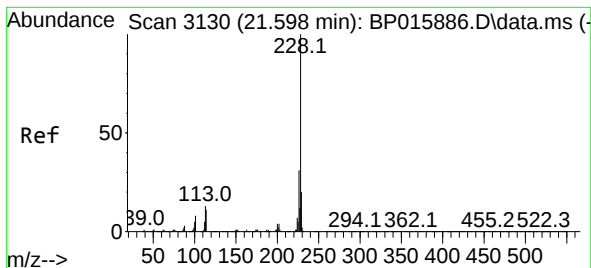
Delta R.T. -0.000 min

Lab File: BP015895.D

Acq: 01 Jul 2023 21:37

Tgt Ion:228	Resp: 116571
Ion Ratio	Lower Upper
228 100	
229 24.4	15.3 22.9
226 29.4	21.4 32.0





#87

Chrysene

Concen: 3.231 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. -0.006 min

Lab File: BP015895.D

Acq: 01 Jul 2023 21:37

Instrument :

BNA_P

ClientSampleId :

DCGA1

Tgt Ion:228 Resp: 172269

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

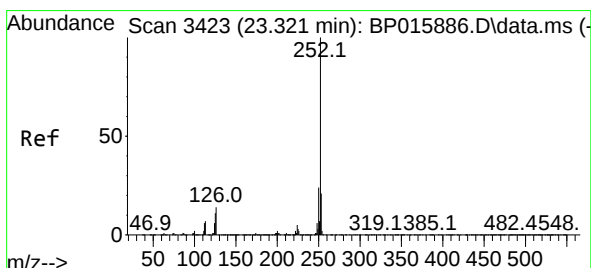
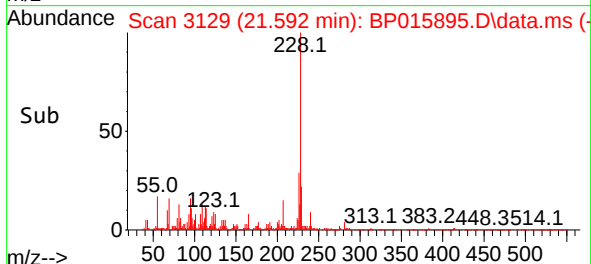
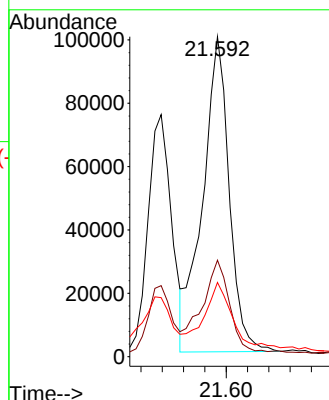
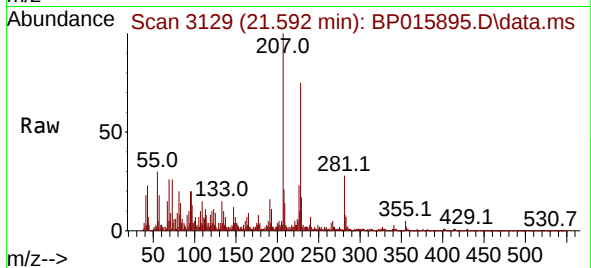
229 23.2 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/02/2023



#90

Benzo(b)fluoranthene

Concen: 6.249 ng/ul

RT: 23.315 min Scan# 3422

Delta R.T. -0.006 min

Lab File: BP015895.D

Acq: 01 Jul 2023 21:37

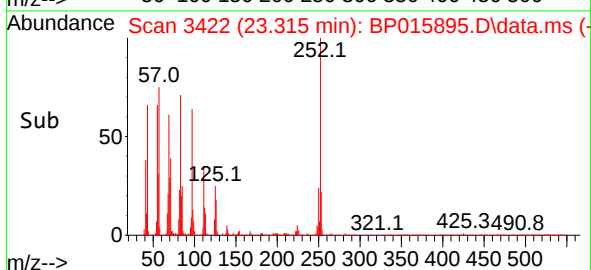
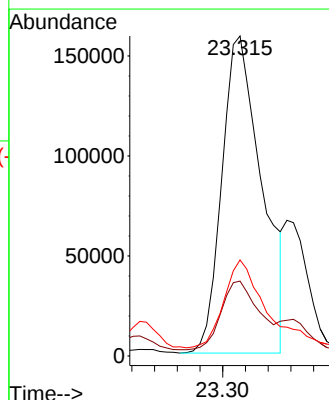
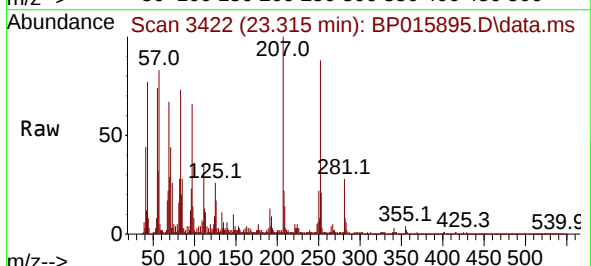
Tgt Ion:252 Resp: 388001

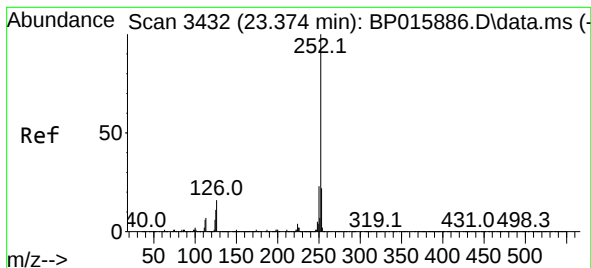
Ion Ratio Lower Upper

252 100

253 23.4 17.3 25.9

125 30.0 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 1.597 ng/ul m

RT: 23.356 min Scan# 3432

Delta R.T. -0.018 min

Lab File: BP015895.D

Acq: 01 Jul 2023 21:37

Instrument :

BNA_P

ClientSampleId :

DCGA1

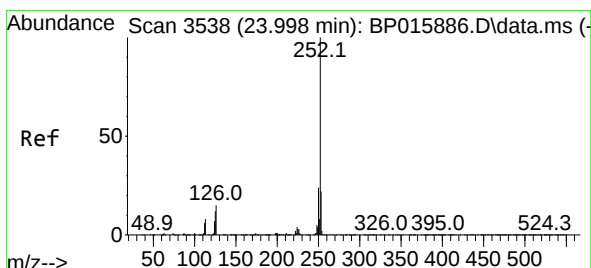
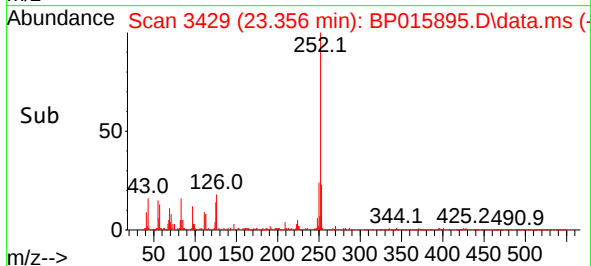
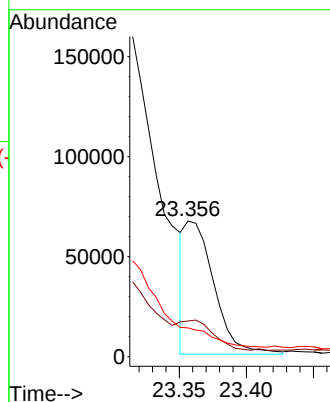
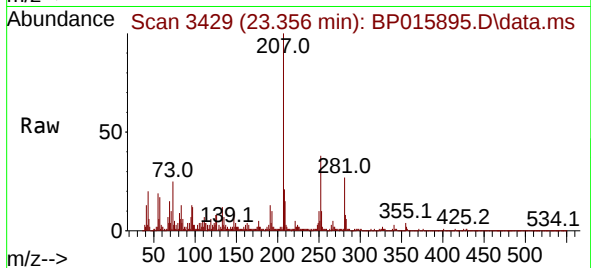
Tgt Ion:252 Resp: 100168

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.0	25.4
125	21.2	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#93

Benzo(a)pyrene

Concen: 4.239 ng/ul

RT: 23.986 min Scan# 3536

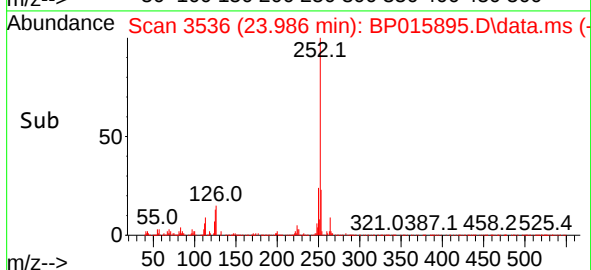
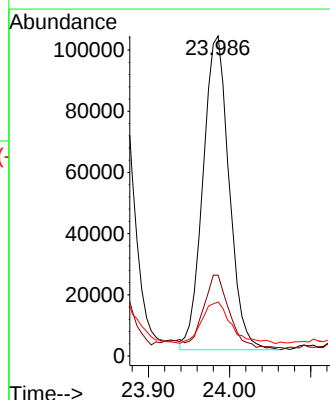
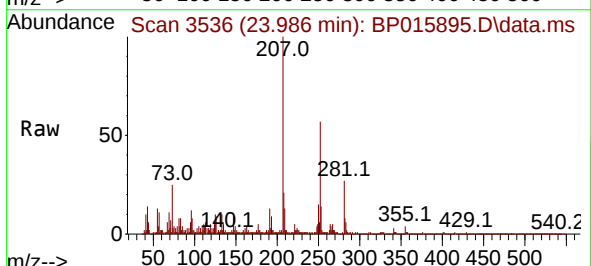
Delta R.T. -0.012 min

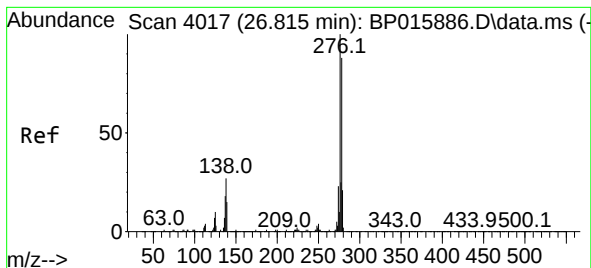
Lab File: BP015895.D

Acq: 01 Jul 2023 21:37

Tgt Ion:252 Resp: 229970

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.7	26.5
125	16.9	8.2	12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.192 ng/ul

RT: 26.809 min Scan# 4016

Delta R.T. -0.006 min

Lab File: BP015895.D

Acq: 01 Jul 2023 21:37

Instrument :

BNP_P

ClientSampleId :

DCGA1

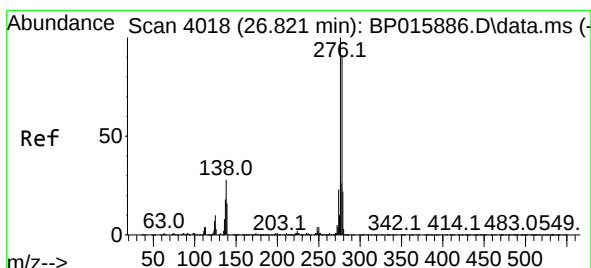
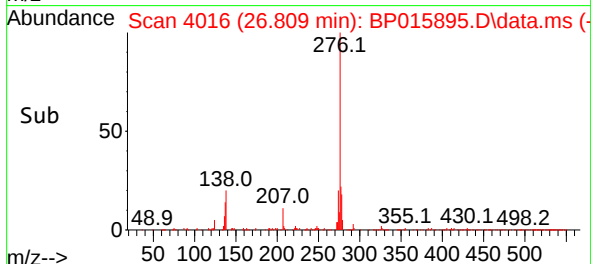
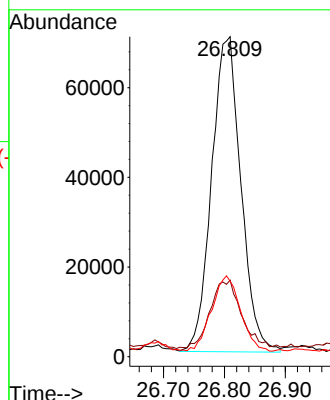
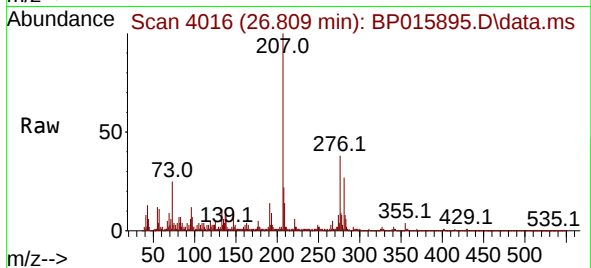
Tgt Ion:	276	Resp:	23505
Ion Ratio	Lower	Upper	
276	100		
138	23.9	15.7	23.5
277	23.6	19.6	29.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/02/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.023 ng/ul

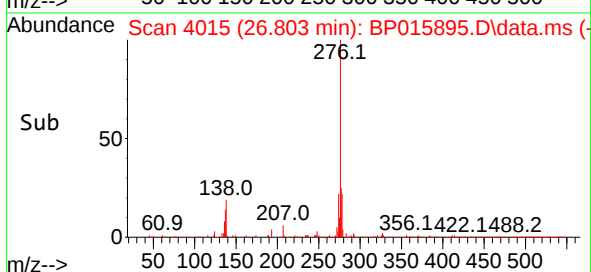
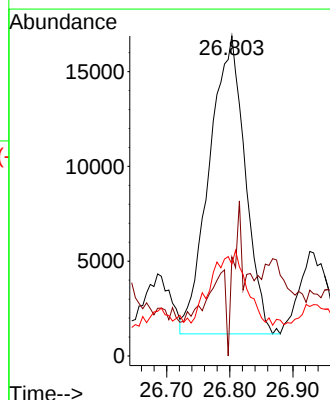
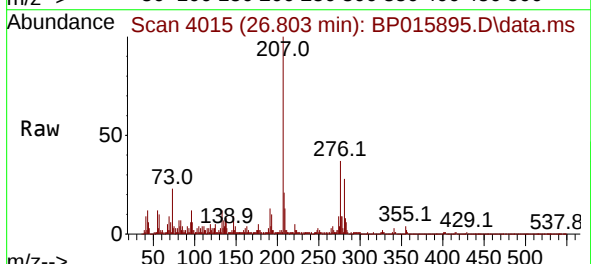
RT: 26.803 min Scan# 4015

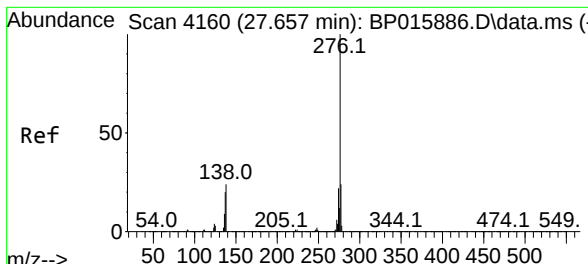
Delta R.T. -0.018 min

Lab File: BP015895.D

Acq: 01 Jul 2023 21:37

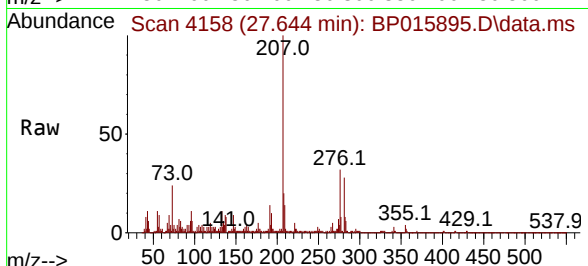
Tgt Ion:	278	Resp:	61903
Ion Ratio	Lower	Upper	
278	100		
139	30.9	10.5	15.7#
279	28.7	18.4	27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 3.850 ng/ul
 RT: 27.644 min Scan# 4158
 Delta R.T. -0.012 min
 Lab File: BP015895.D
 Acq: 01 Jul 2023 21:37

Instrument :
 BNA_P
 ClientSampleId :
 DCGA1



Tgt Ion: 276 Resp: 233285

Ion	Ratio	Lower	Upper
276	100		
138	24.7	15.1	22.7
277	25.0	18.8	28.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

