

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015892.D
 Acq On : 01 Jul 2023 19:55
 Operator : MA/JU
 Sample : 03242-05
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGA2

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 03:23:55 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	216356	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	983644	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.698	164	607773	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	1337869	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.551	240	958319	20.000	ng/u1	# 0.00
88) Perylene-d12	24.097	264	982229	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	27591	4.588	ng/uL	0.00
4) Pyridine-d5	3.822	84	318770	21.029	ng/u1	0.00
7) Phenol-d5	7.234	99	542630	29.313	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	368200	32.149	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	435050	31.133	ng/u1	0.00
15) 4-Methylphenol-d8	8.792	113	298535	20.414	ng/u1	0.00
21) Nitrobenzene-d5	9.239	128	222780	29.635	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	244090	27.821	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.539	165	405498	25.936	ng/u1	0.02
31) 4-Chloroaniline-d4	11.057	131	306886	15.280	ng/u1	0.02
46) Dimethylphthalate-d6	14.110	166	1380198	29.381	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	1639416	31.045	ng/u1	0.00
54) 4-Nitrophenol-d4	14.986	143	168606m	27.198	ng/u1	0.02
60) Fluorene-d10	15.698	176	1226586	31.711	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.868	200	124750	15.162	ng/u1	0.00
73) Anthracene-d10	17.563	188	1765986	28.898	ng/u1	0.00
81) Pyrene-d10	19.792	212	2124767	33.955	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	1577320	31.834	ng/u1	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.504	178	83913	1.155	ng/u1	97
80) Fluoranthene	19.462	202	219937	2.828	ng/u1#	92
82) Pyrene	19.821	202	177559	2.238	ng/u1#	89
85) Benzo(a)anthracene	21.539	228	95654	1.419	ng/u1	95
87) Chrysene	21.592	228	116079	1.815	ng/u1	96
90) Benzo(b)fluoranthene	23.315	252	165589	2.624	ng/u1#	76
93) Benzo(a)pyrene	23.980	252	93440	1.694	ng/u1#	87
94) Indeno(1,2,3-cd)pyrene	26.803	276	82365	1.100	ng/u1#	91
96) Benzo(g,h,i)perylene	27.650	276	80072	1.300	ng/u1#	94

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

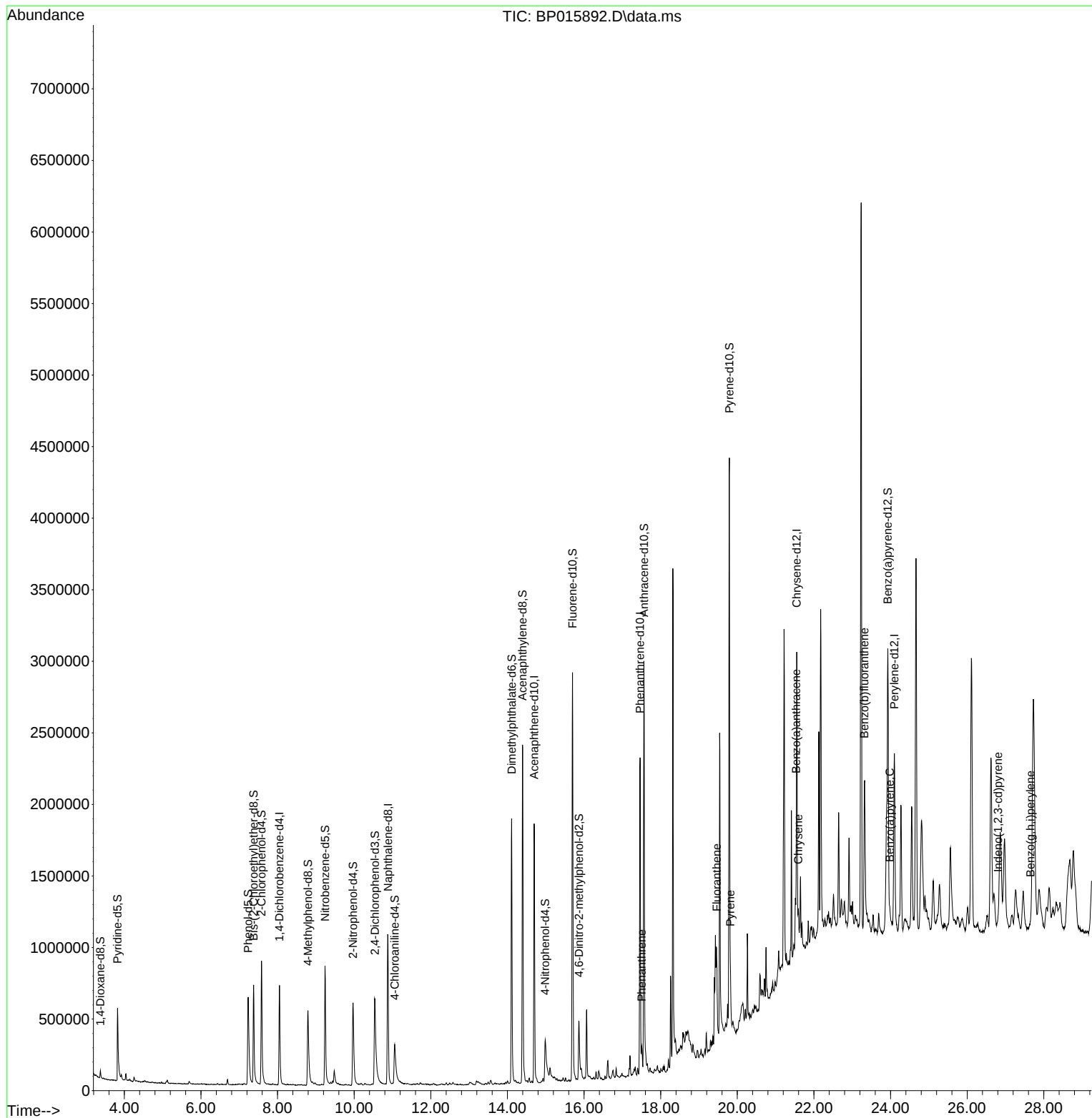
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015892.D
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ALS Vial : 60 Sample Multiplier: 1

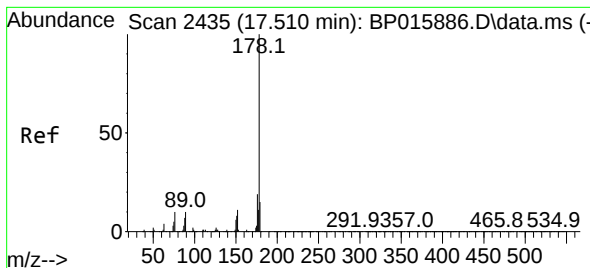
Instrument :
BNA_P
ClientSampleId :
DCGA2

Quant Time: Jul 02 03:23:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
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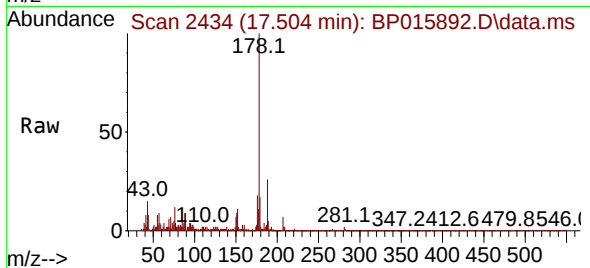
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#72
Phenanthrene
Concen: 1.155 ng/ul
RT: 17.504 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BP015892.D
Acq: 01 Jul 2023 19:55

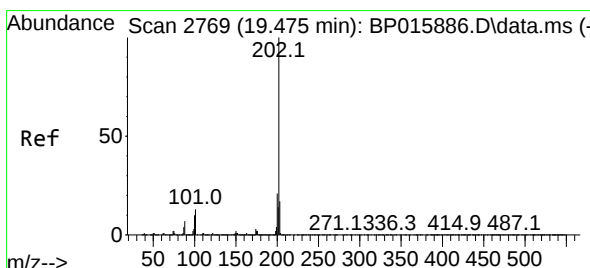
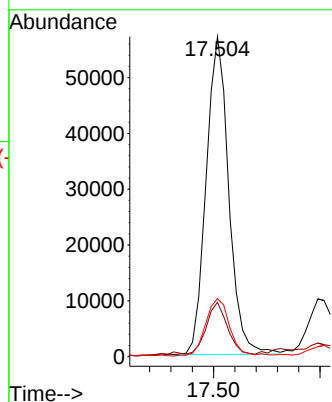
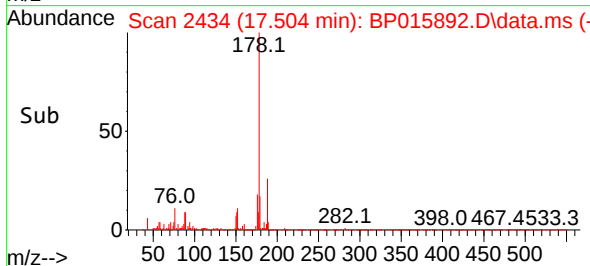
Instrument :
BNA_P
Client Sample Id :
DCGA2



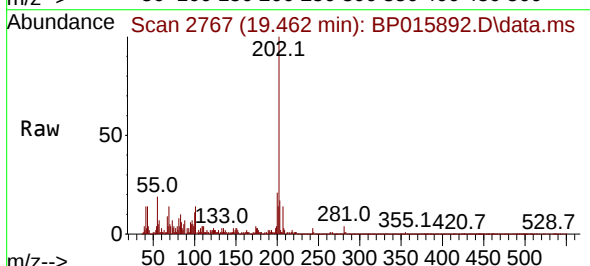
Tgt Ion:178 Resp: 8391
Ion Ratio Lower Upper
178 100
179 17.0 12.4 18.6
176 18.1 15.6 23.4

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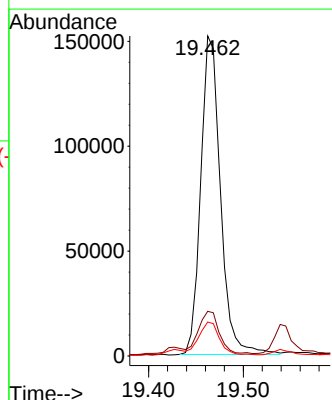
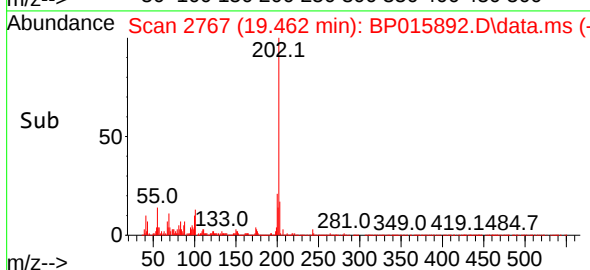
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

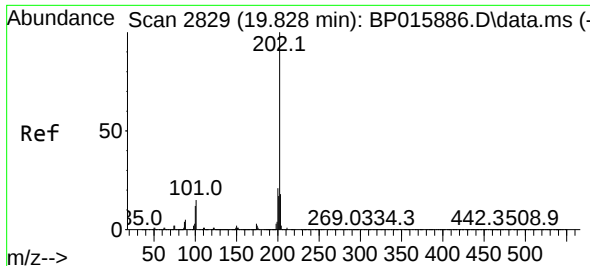


#80
Fluoranthene
Concen: 2.828 ng/ul
RT: 19.462 min Scan# 2767
Delta R.T. -0.012 min
Lab File: BP015892.D
Acq: 01 Jul 2023 19:55



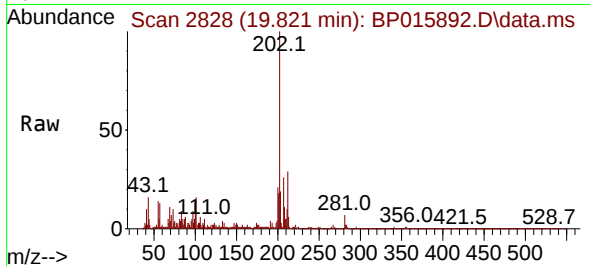
Tgt Ion:202 Resp: 219937
Ion Ratio Lower Upper
202 100
101 13.9 8.3 12.5#
100 10.6 6.6 9.8#





#82
Pyrene
Concen: 2.238 ng/ul
RT: 19.821 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015892.D
Acq: 01 Jul 2023 19:55

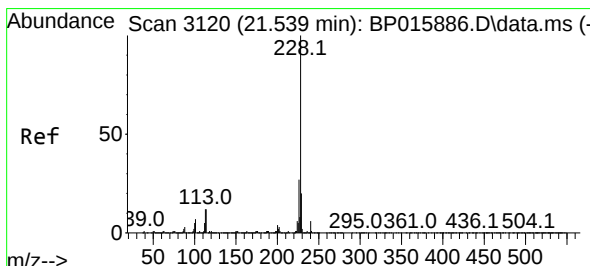
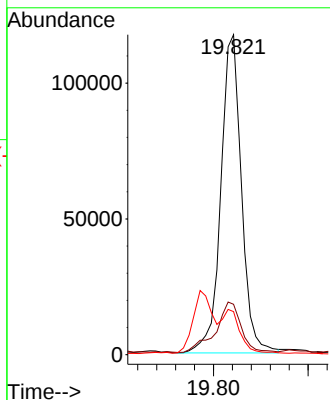
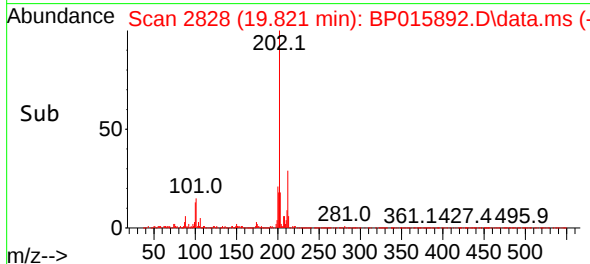
Instrument :
BNA_P
ClientSampleId :
DCGA2



Tgt Ion:202 Resp: 17755
Ion Ratio Lower Upper
202 100
101 15.8 9.3 13.9
100 13.4 7.6 11.4

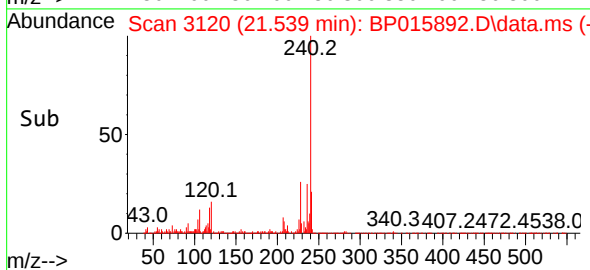
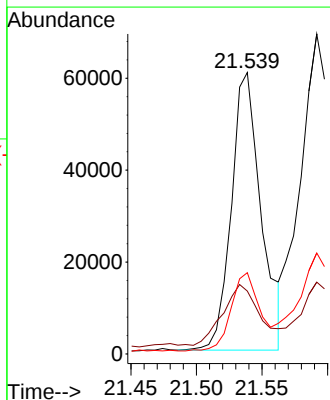
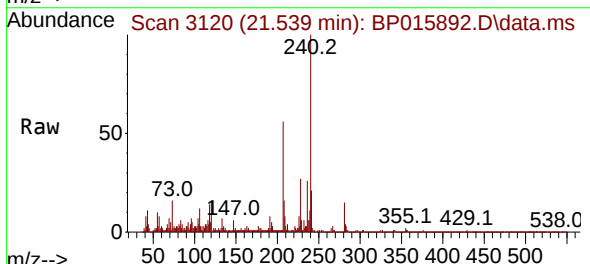
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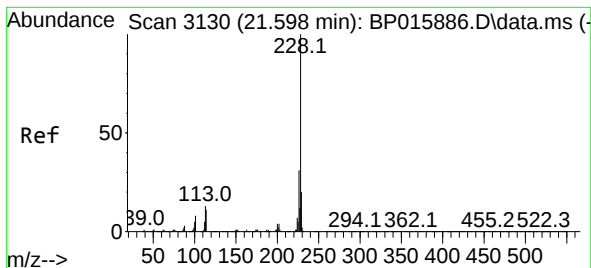
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#85
Benzo(a)anthracene
Concen: 1.419 ng/ul
RT: 21.539 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BP015892.D
Acq: 01 Jul 2023 19:55

Tgt Ion:228 Resp: 95654
Ion Ratio Lower Upper
228 100
229 22.3 15.3 22.9
226 28.9 21.4 32.0





#87

Chrysene

Concen: 1.815 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. -0.006 min

Lab File: BP015892.D

Acq: 01 Jul 2023 19:55

Instrument :

BNA_P

ClientSampleId :

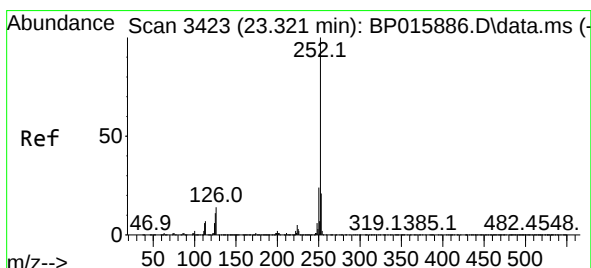
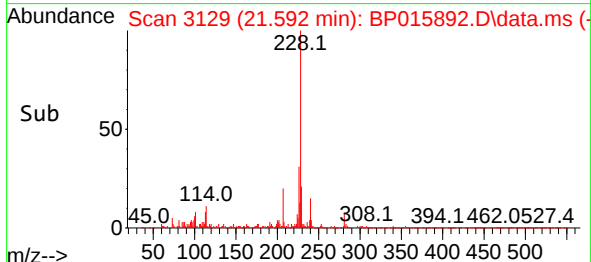
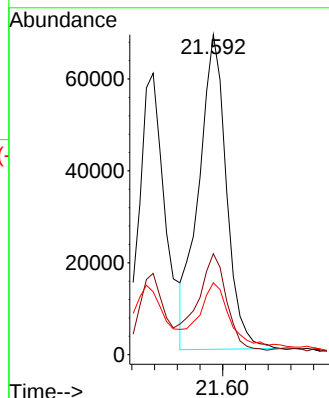
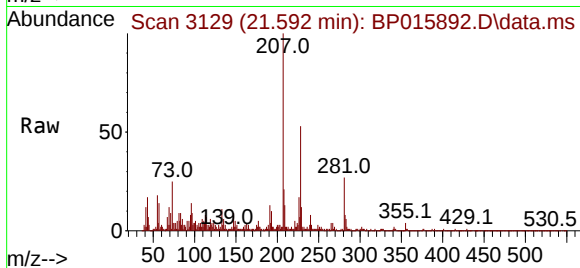
DCGA2

Tgt Ion:228 Resp: 116079
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.3 36.5
 229 22.5 15.5 23.3

Manual Integrations

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 Supervised By :Sohil Jodhani 07/02/2023



#90

Benzo(b)fluoranthene

Concen: 2.624 ng/ul

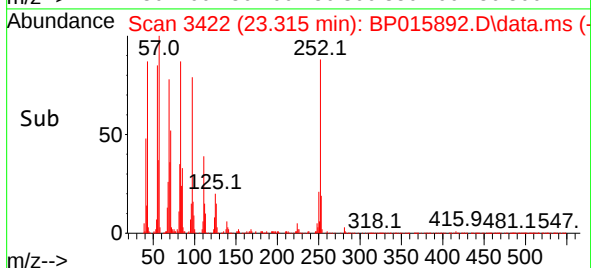
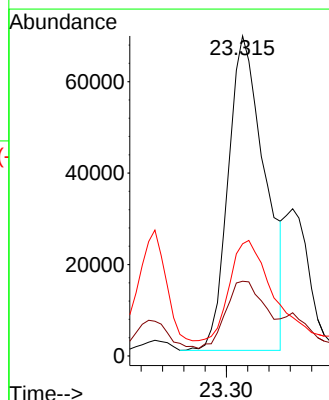
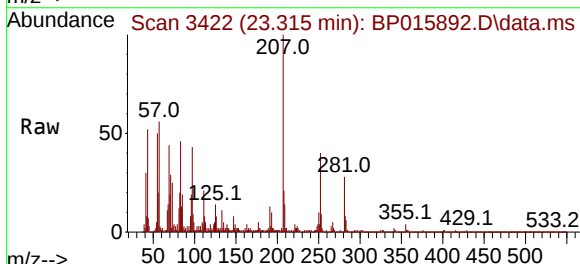
RT: 23.315 min Scan# 3422

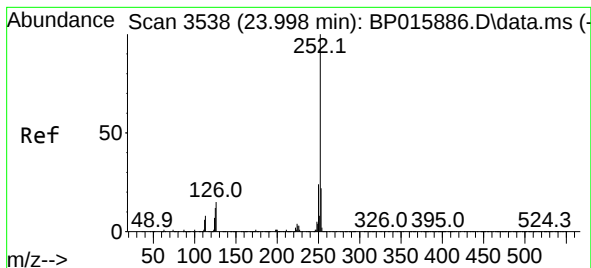
Delta R.T. -0.006 min

Lab File: BP015892.D

Acq: 01 Jul 2023 19:55

Tgt Ion:252 Resp: 165589
 Ion Ratio Lower Upper
 252 100
 253 23.4 17.3 25.9
 125 35.1 7.5 11.3





#93

Benzo(a)pyrene

Concen: 1.694 ng/ul

RT: 23.980 min Scan# 3538

Delta R.T. -0.018 min

Lab File: BP015892.D

Acq: 01 Jul 2023 19:55

Instrument :

BNA_P

ClientSampleId :

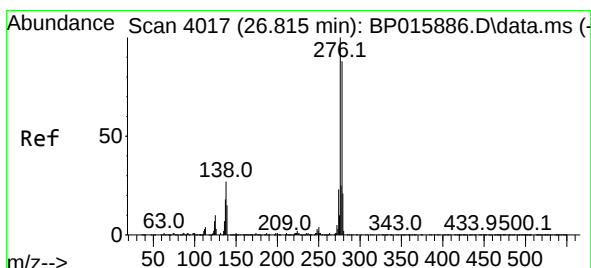
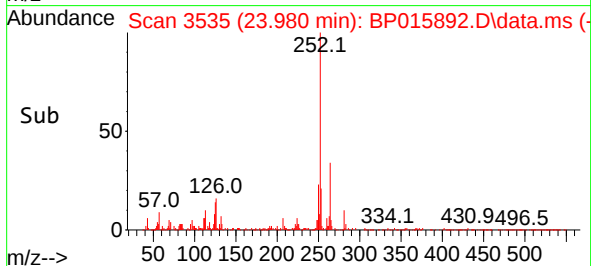
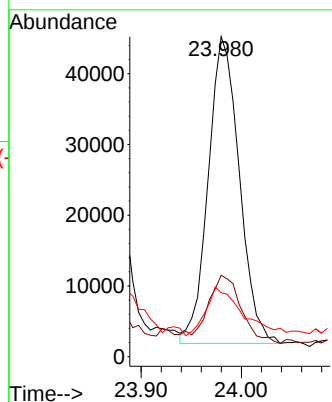
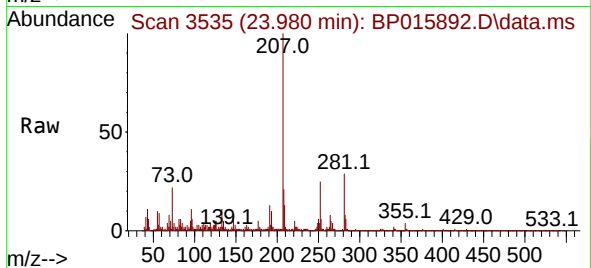
DCGA2

Tgt Ion:	252	Resp:	93440
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.7	26.5
125	20.0	8.2	12.2

Manual Integrations

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Supervised By :Sohil Jodhani 07/02/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.100 ng/ul

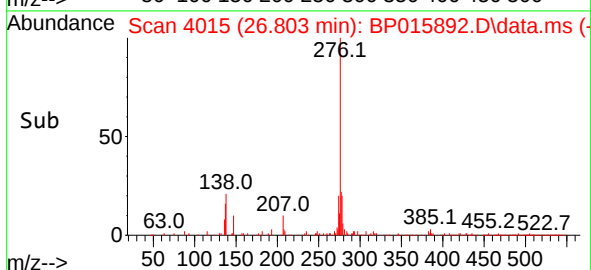
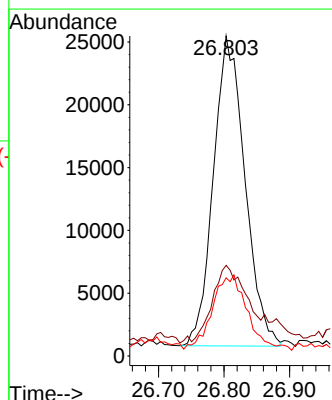
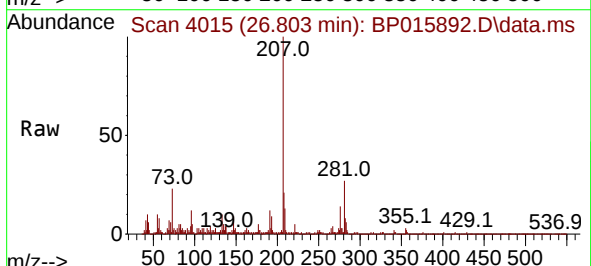
RT: 26.803 min Scan# 4015

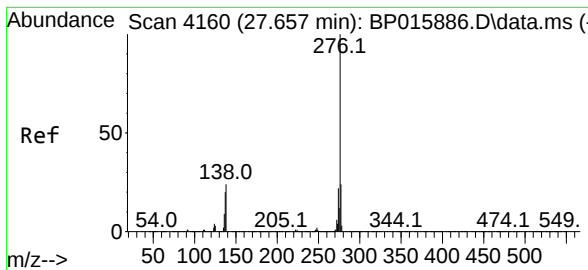
Delta R.T. -0.012 min

Lab File: BP015892.D

Acq: 01 Jul 2023 19:55

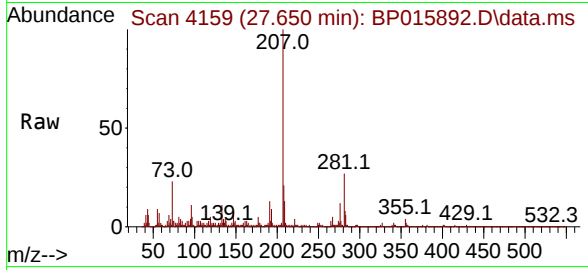
Tgt Ion:	276	Resp:	82365
Ion Ratio	Lower	Upper	
276	100		
138	28.3	15.7	23.5
277	24.4	19.6	29.4





#96
 Benzo(g,h,i)perylene
 Concen: 1.300 ng/ul
 RT: 27.650 min Scan# 4159
 Delta R.T. -0.006 min
 Lab File: BP015892.D
 Acq: 01 Jul 2023 19:55

Instrument : BNA_P
 ClientSampleId : DCGA2



Tgt Ion: 276 Resp: 80072

Ion	Ratio	Lower	Upper
276	100		
138	25.2	15.1	22.7
277	23.3	18.8	28.2

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