

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015880.D
 Acq On : 01 Jul 2023 12:02
 Operator : MA/JU
 Sample : 03242-01
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFZ8

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 01:56:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	287799	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.875	136	1236474	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.698	164	707334	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.463	188	1252839	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.551	240	861476	20.000	ng/ul	#-0.01
88) Perylene-d12	24.098	264	1051007	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	39112	4.890	ng/uL	-0.01
4) Pyridine-d5	3.822	84	403520	20.012	ng/ul	0.00
7) Phenol-d5	7.228	99	747778	30.367	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	525585	34.499	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.581	132	606054	32.604	ng/ul	-0.01
15) 4-Methylphenol-d8	8.787	113	483644	24.862	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	300683	31.820	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	335012	30.376	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	546322	27.798	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	402517	15.943	ng/ul	0.01
46) Dimethylphthalate-d6	14.110	166	1749093	31.993	ng/ul	-0.01
49) Acenaphthylene-d8	14.398	160	1974432	32.126	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.986	143	175254m	24.291	ng/ul	0.04
60) Fluorene-d10	15.698	176	1391920	30.920	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.869	200	117178	15.208	ng/ul	0.01
73) Anthracene-d10	17.563	188	1815840	31.730	ng/ul	-0.01
81) Pyrene-d10	19.792	212	1753382	31.170	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.927	264	1733926	32.705	ng/ul	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.504	178	208303	3.061	ng/ul	98
80) Fluoranthene	19.463	202	547544	7.832	ng/ul#	92
82) Pyrene	19.822	202	457323	6.413	ng/ul#	92
85) Benzo(a)anthracene	21.533	228	258051m	4.258	ng/ul	
87) Chrysene	21.592	228	301086	5.237	ng/ul	96
90) Benzo(b)fluoranthene	23.315	252	494073	7.316	ng/ul#	92
91) Benzo(k)fluoranthene	23.363	252	176742m	2.590	ng/ul	
93) Benzo(a)pyrene	23.980	252	318121	5.391	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.792	276	278968	3.483	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.798	278	80479m	1.223	ng/ul	
96) Benzo(g,h,i)perylene	27.633	276	248841	3.776	ng/ul#	90

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

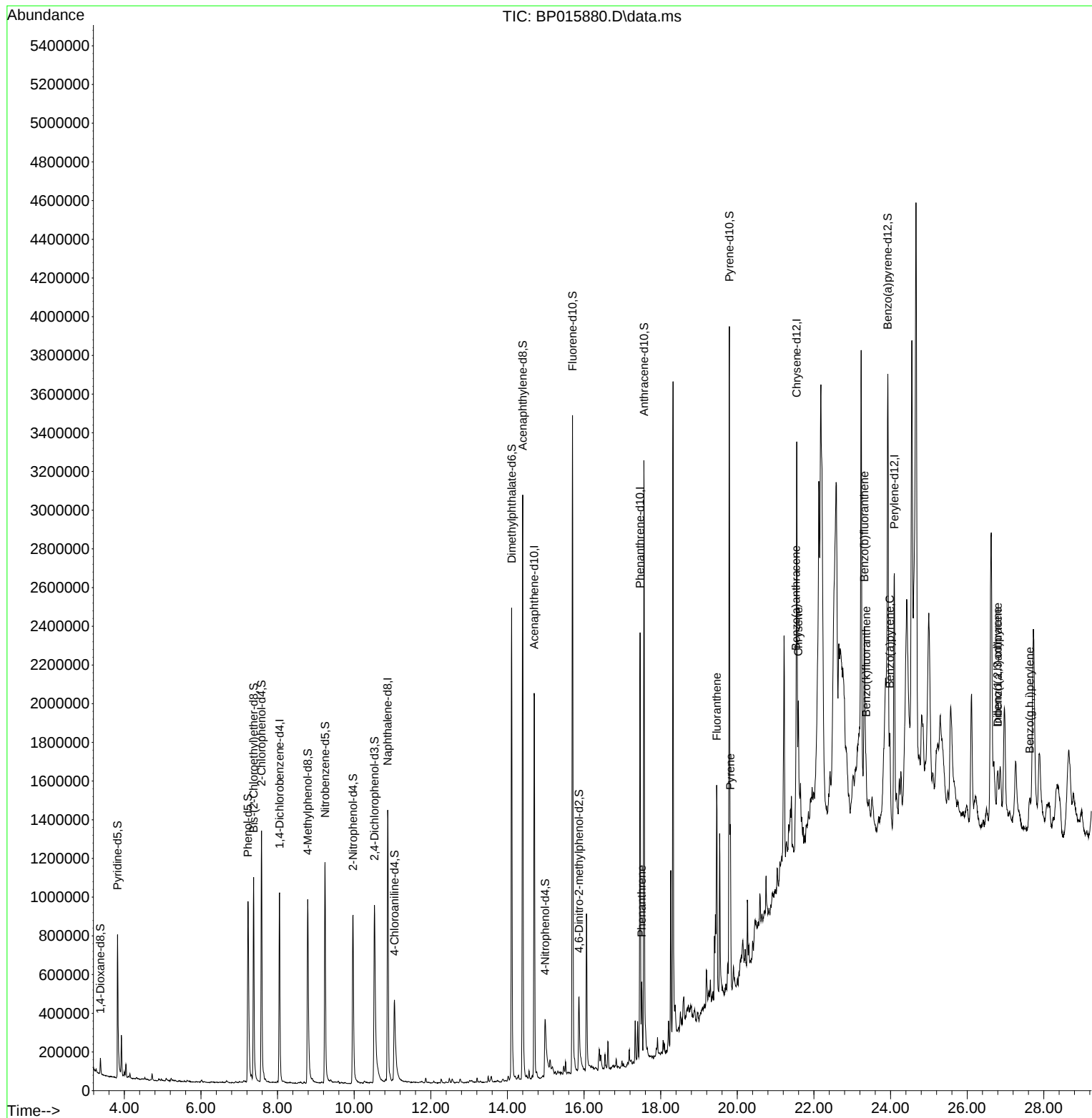
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015880.D
Acq On : 01 Jul 2023 12:02
Operator : MA/JU
Sample : 03242-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

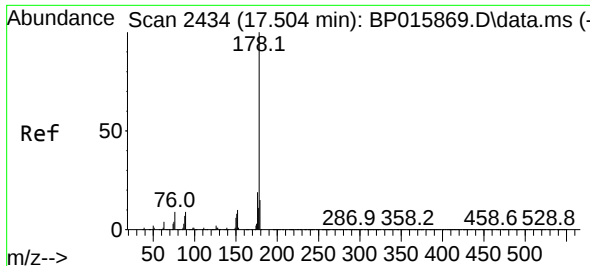
Instrument :
BNA_P
ClientSampleId :
DCFZ8

Quant Time: Jul 02 01:56:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
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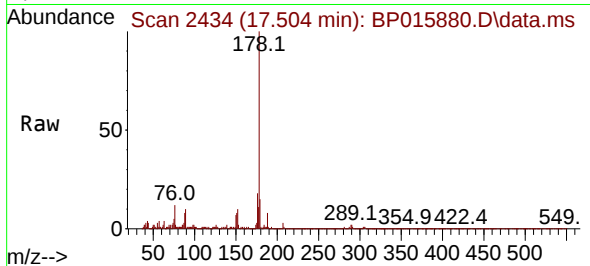
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#72
Phenanthrene
Concen: 3.061 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. -0.012 min
Lab File: BP015880.D
Acq: 01 Jul 2023 12:02

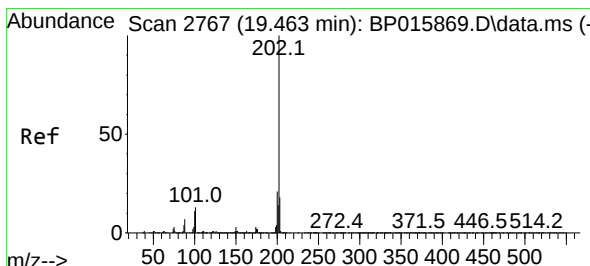
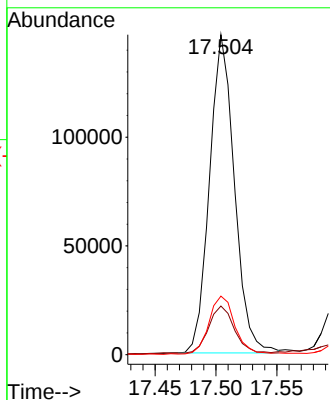
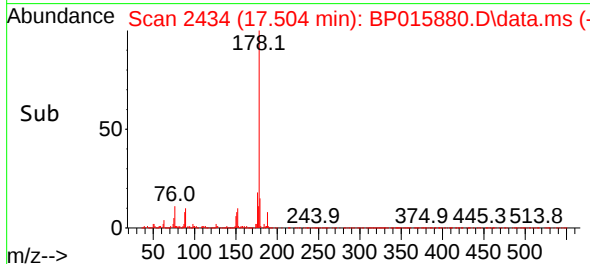
Instrument :
BNA_P
ClientSampleId :
DCFZ8



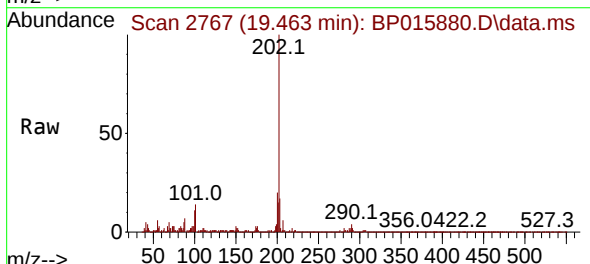
Tgt Ion:178 Resp: 20830
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 18.3 15.6 23.4

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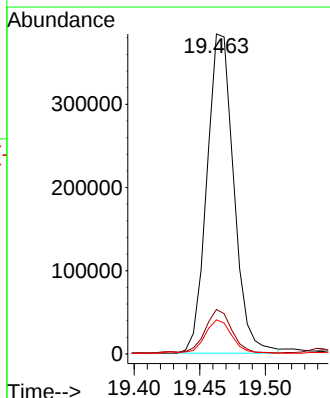
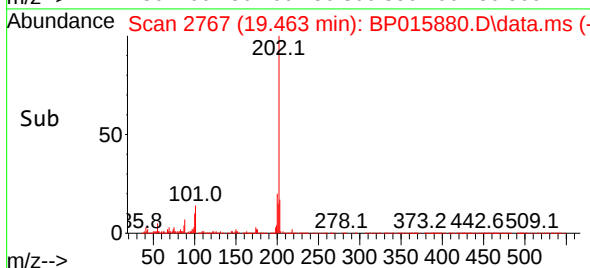
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

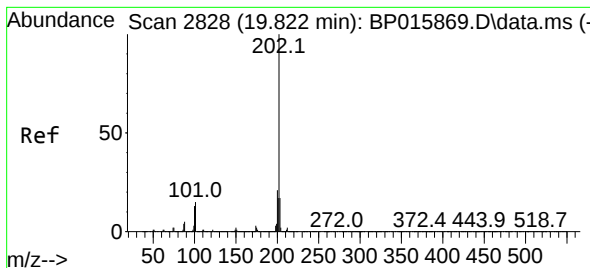


#80
Fluoranthene
Concen: 7.832 ng/ul
RT: 19.463 min Scan# 2767
Delta R.T. -0.012 min
Lab File: BP015880.D
Acq: 01 Jul 2023 12:02



Tgt Ion:202 Resp: 547544
Ion Ratio Lower Upper
202 100
101 13.9 8.3 12.5#
100 10.7 6.6 9.8#





#82

Pyrene

Concen: 6.413 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP015880.D

Acq: 01 Jul 2023 12:02

Instrument :

BNA_P

ClientSampleId :

DCFZ8

Tgt Ion:202 Resp: 45732

Ion Ratio Lower Upper

202 100

101 15.0 9.3 13.9

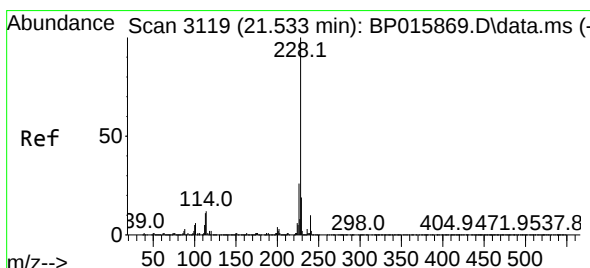
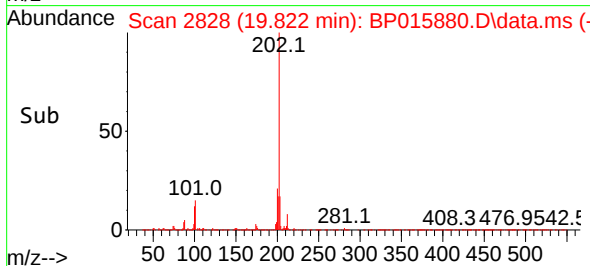
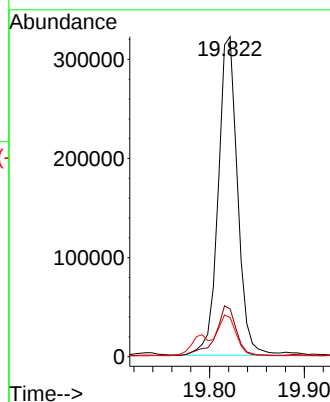
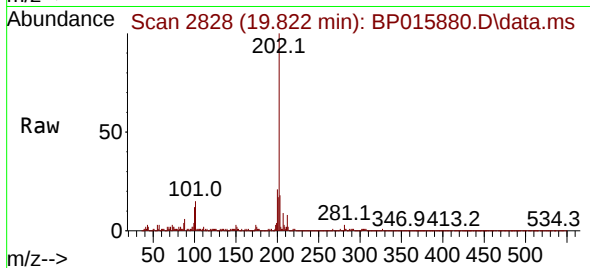
100 12.3 7.6 11.4

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#85

Benzo(a)anthracene

Concen: 4.258 ng/ul m

RT: 21.533 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP015880.D

Acq: 01 Jul 2023 12:02

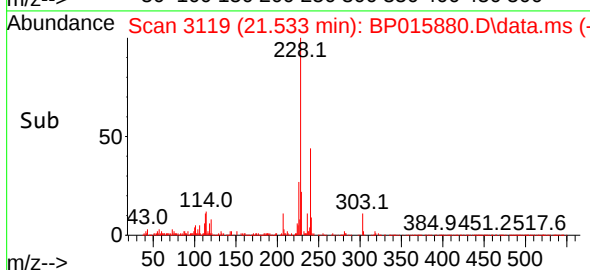
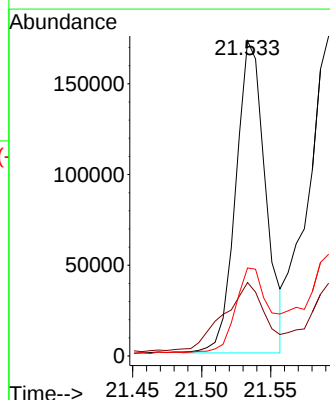
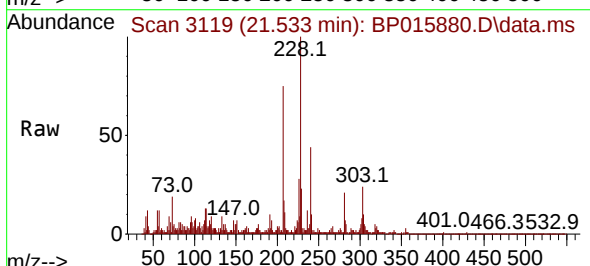
Tgt Ion:228 Resp: 258051

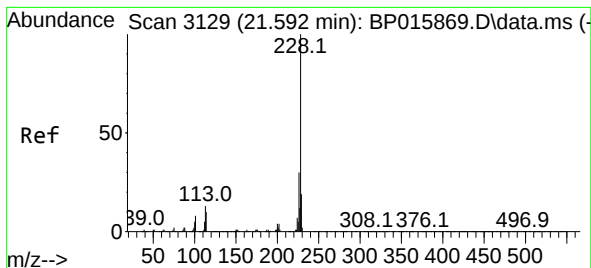
Ion Ratio Lower Upper

228 100

229 23.3 15.3 22.9

226 27.9 21.4 32.0





#87

Chrysene

Concen: 5.237 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. -0.012 min

Lab File: BP015880.D

Acq: 01 Jul 2023 12:02

Instrument :

BNA_P

ClientSampleId :

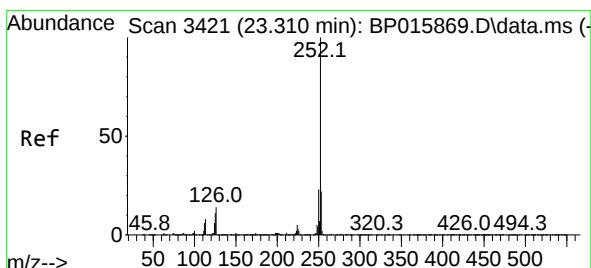
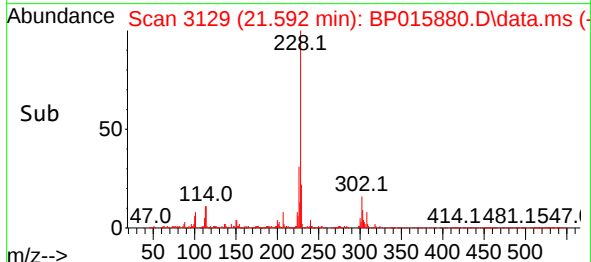
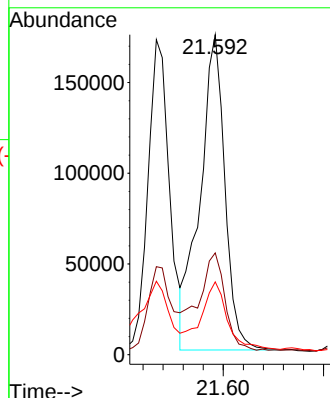
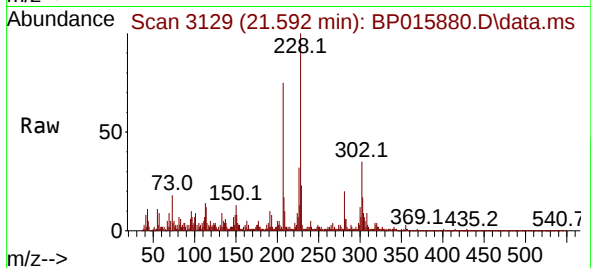
DCFZ8

Tgt Ion:228	Resp: 301080
Ion Ratio	Lower Upper
228 100	
226 31.8	24.3 36.5
229 22.7	15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 7.316 ng/ul

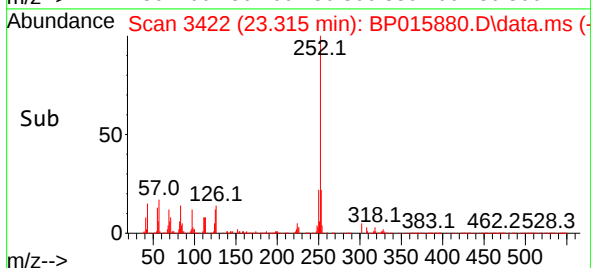
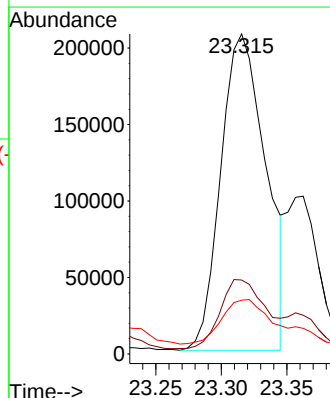
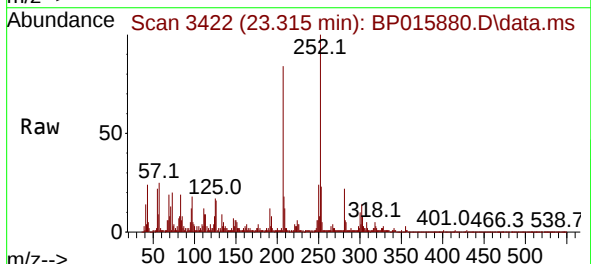
RT: 23.315 min Scan# 3422

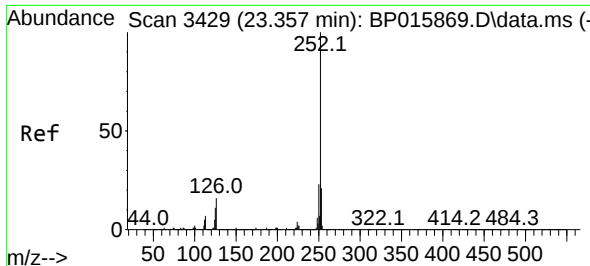
Delta R.T. -0.012 min

Lab File: BP015880.D

Acq: 01 Jul 2023 12:02

Tgt Ion:252	Resp: 494073
Ion Ratio	Lower Upper
252 100	
253 23.1	17.3 25.9
125 16.8	7.5 11.3





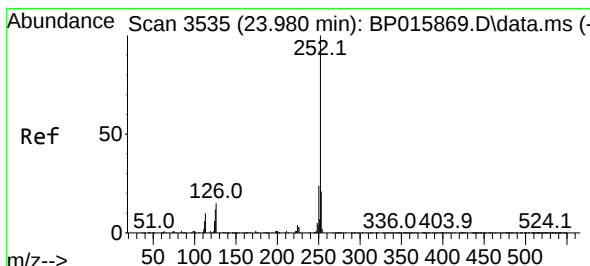
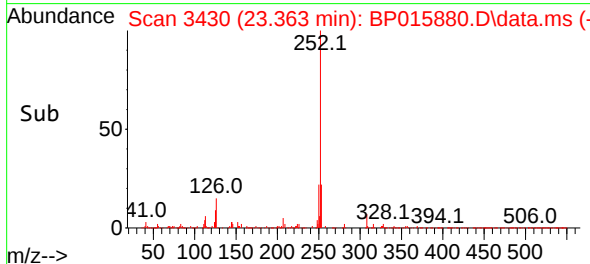
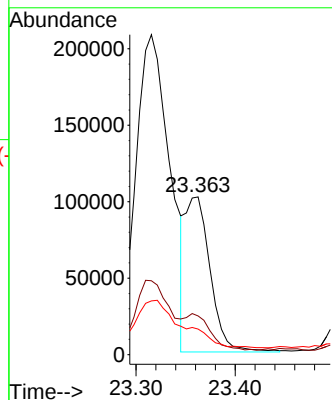
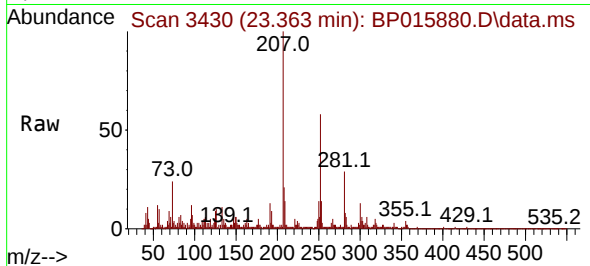
#91
Benzo(k)fluoranthene
Concen: 2.590 ng/ul m
RT: 23.363 min Scan# 3429
Delta R.T. -0.018 min
Lab File: BP015880.D
Acq: 01 Jul 2023 12:02

Instrument :
BNA_P
ClientSampleId :
DCFZ8

Tgt Ion:252 Resp: 17674
Ion Ratio Lower Upper
252 100
253 24.6 17.0 25.4
125 16.2 7.3 10.9

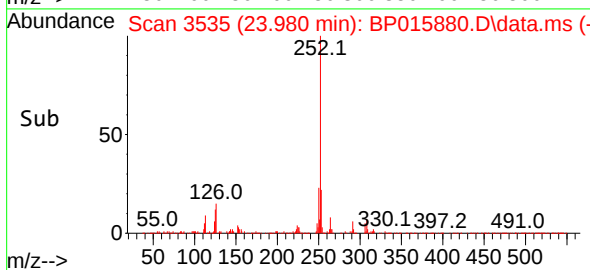
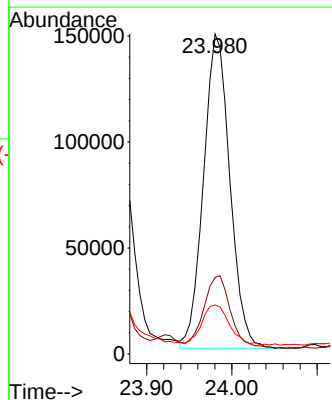
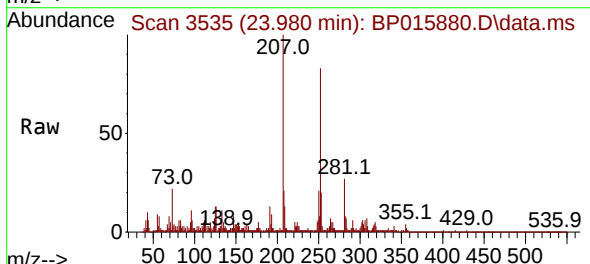
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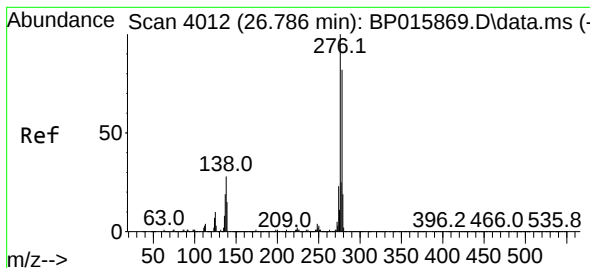
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#93
Benzo(a)pyrene
Concen: 5.391 ng/ul
RT: 23.980 min Scan# 3535
Delta R.T. -0.024 min
Lab File: BP015880.D
Acq: 01 Jul 2023 12:02

Tgt Ion:252 Resp: 318121
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 15.3 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.483 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. -0.024 min

Lab File: BP015880.D

Acq: 01 Jul 2023 12:02

Instrument :

BNA_P

ClientSampleId :

DCFZ8

Tgt Ion:276 Resp: 27896

Ion Ratio Lower Upper

276 100

138 25.7 15.7 23.5

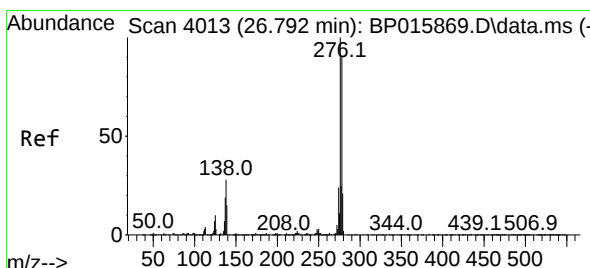
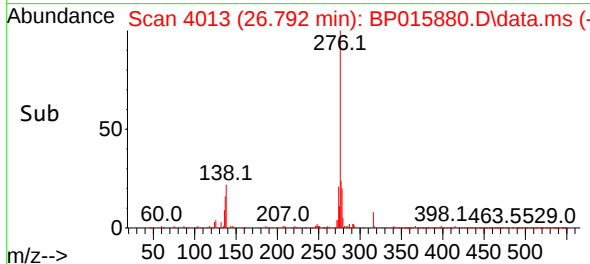
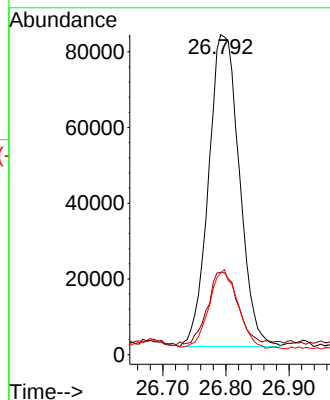
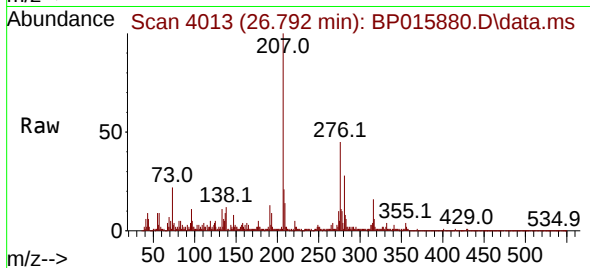
277 25.6 19.6 29.4

Manual Integrations

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Supervised By :Sohil Jodhani 07/02/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.223 ng/ul m

RT: 26.798 min Scan# 4014

Delta R.T. -0.029 min

Lab File: BP015880.D

Acq: 01 Jul 2023 12:02

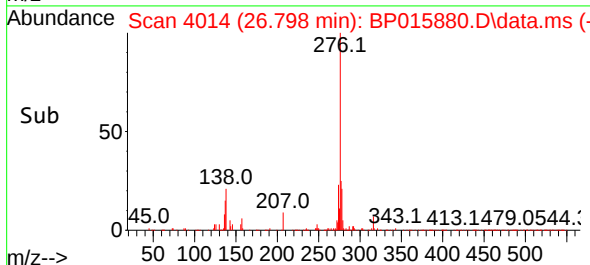
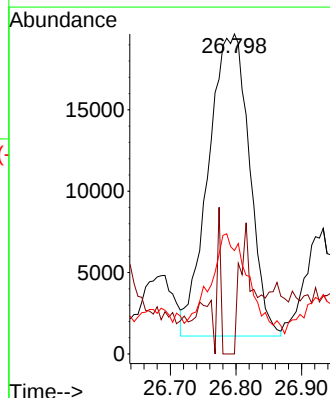
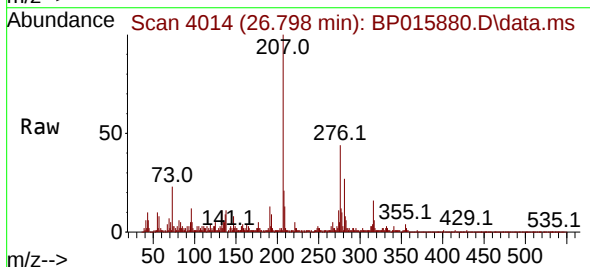
Tgt Ion:278 Resp: 80479

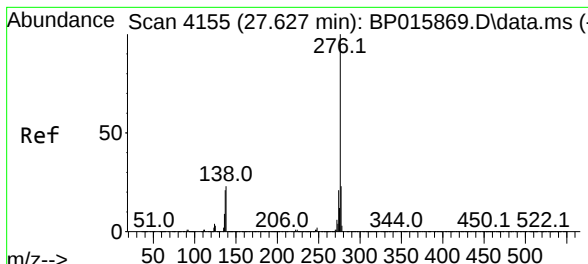
Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

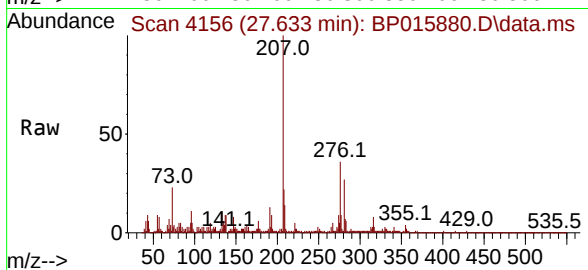
279 32.3 18.4 27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 3.776 ng/ul
 RT: 27.633 min Scan# 4156
 Delta R.T. -0.024 min
 Lab File: BP015880.D
 Acq: 01 Jul 2023 12:02

Instrument :
 BNA_P
 ClientSampleId :
 DCFZ8



Tgt Ion: 276 Resp: 24884
 Ion Ratio Lower Upper
 276 100
 138 26.3 15.1 22.7
 277 25.7 18.8 28.2

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