

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015881.D
 Acq On : 01 Jul 2023 12:36
 Operator : MA/JU
 Sample : 03242-06
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGA4

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 02:01:40 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)

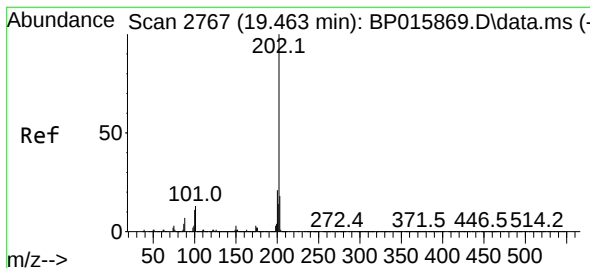
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	247055	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.881	136	1019801	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.704	164	535534	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.463	188	908590	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.551	240	783049	20.000	ng/ul	#-0.01
88) Perylene-d12	24.098	264	945721	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	31116	4.531	ng/uL	-0.01
4) Pyridine-d5	3.822	84	265675	15.348	ng/ul	0.00
7) Phenol-d5	7.234	99	540255	25.558	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	393103	30.059	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.581	132	453523	28.422	ng/ul	-0.01
15) 4-Methylphenol-d8	8.793	113	306050	18.327	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	221947	28.478	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	239587	26.339	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	374362	23.095	ng/ul	0.02
31) 4-Chloroaniline-d4	11.057	131	389689	18.715	ng/ul	0.02
46) Dimethylphthalate-d6	14.110	166	1221684	29.515	ng/ul	-0.01
49) Acenaphthylene-d8	14.398	160	1363775	29.309	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.004	143	110027m	20.143	ng/ul	0.06
60) Fluorene-d10	15.704	176	932937	27.373	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	70117	12.548	ng/ul	0.02
73) Anthracene-d10	17.569	188	1185984	28.576	ng/ul	0.00
81) Pyrene-d10	19.792	212	1366348	26.722	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.933	264	1443292	30.254	ng/ul	-0.01
Target Compounds						
					Qvalue	
80) Fluoranthene	19.469	202	213736	3.363	ng/ul#	93
82) Pyrene	19.822	202	174781	2.696	ng/ul#	90
85) Benzo(a)anthracene	21.539	228	158218	2.872	ng/ul	98
87) Chrysene	21.592	228	168034	3.215	ng/ul	95
90) Benzo(b)fluoranthene	23.316	252	266803	4.391	ng/ul#	89
91) Benzo(k)fluoranthene	23.363	252	85984m	1.400	ng/ul	
93) Benzo(a)pyrene	23.986	252	157875	2.973	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.804	276	122814	1.704	ng/ul#	88
96) Benzo(g,h,i)perylene	27.651	276	107930	1.820	ng/ul#	91

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

Manual Integrations

Quant Time: Jul 02 02:01:40 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





#80

Fluoranthene

Concen: 3.363 ng/ul

RT: 19.469 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015881.D

Acq: 01 Jul 2023 12:36

Instrument :

BNA_P

ClientSampleId :

DCGA4

Tgt Ion:202 Resp: 213730

Ion Ratio Lower Upper

202 100

101 13.8 8.3 12.5

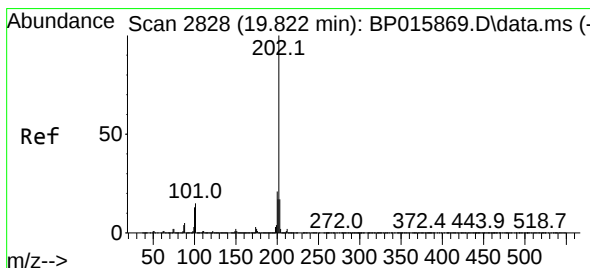
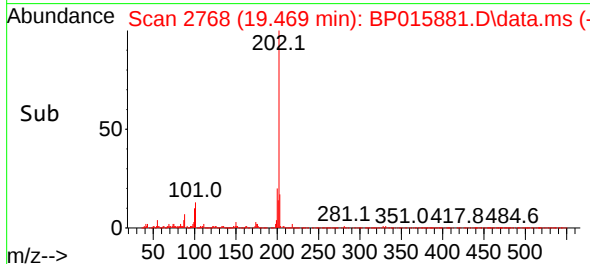
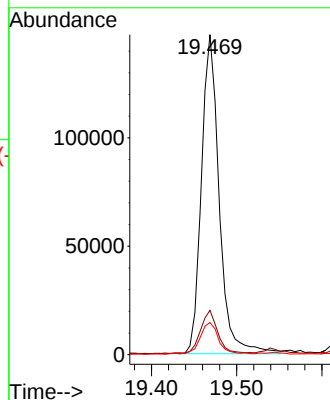
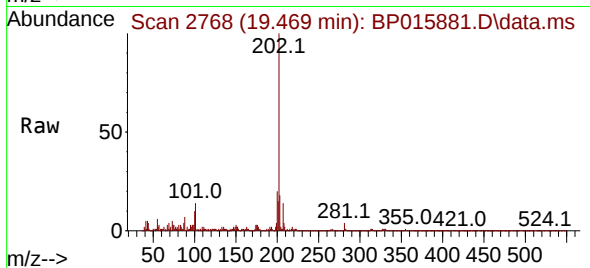
100 10.0 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/02/2023



#82

Pyrene

Concen: 2.696 ng/ul

RT: 19.822 min Scan# 2828

Delta R.T. -0.012 min

Lab File: BP015881.D

Acq: 01 Jul 2023 12:36

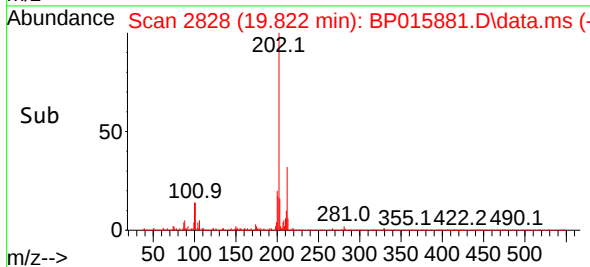
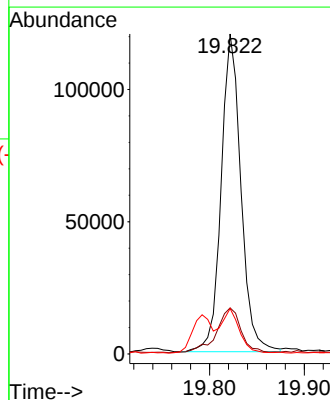
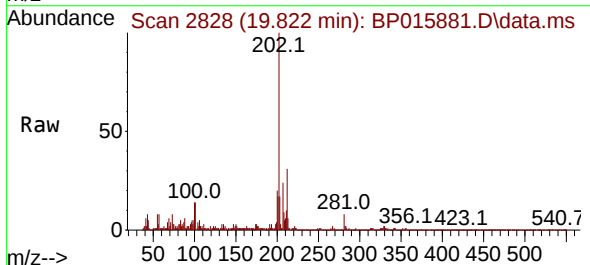
Tgt Ion:202 Resp: 174781

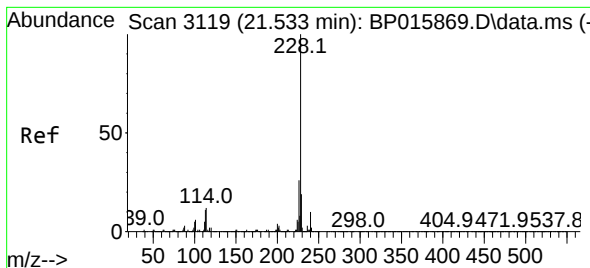
Ion Ratio Lower Upper

202 100

101 14.4 9.3 13.9#

100 14.2 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 2.872 ng/ul

RT: 21.539 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP015881.D

Acq: 01 Jul 2023 12:36

Instrument :

BNA_P

ClientSampleId :

DCGA4

Tgt Ion:228 Resp: 158218

Ion Ratio Lower Upper

228 100

229 21.1 15.3 22.9

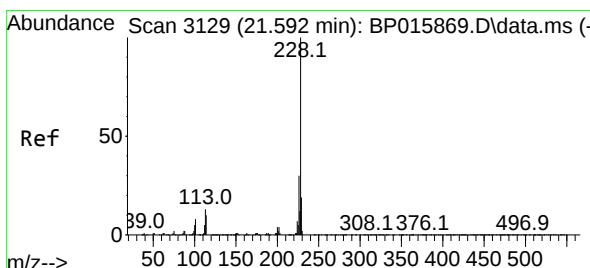
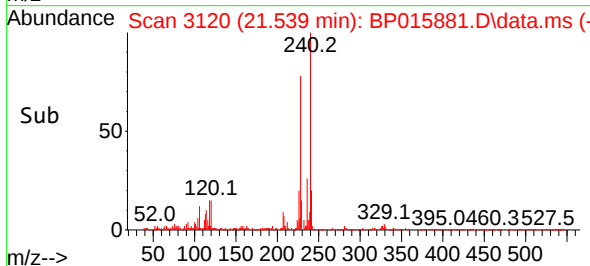
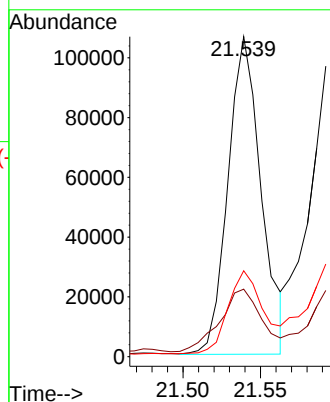
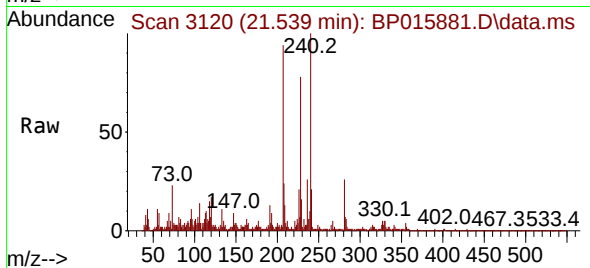
226 26.8 21.4 32.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/02/2023



#87

Chrysene

Concen: 3.215 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. -0.012 min

Lab File: BP015881.D

Acq: 01 Jul 2023 12:36

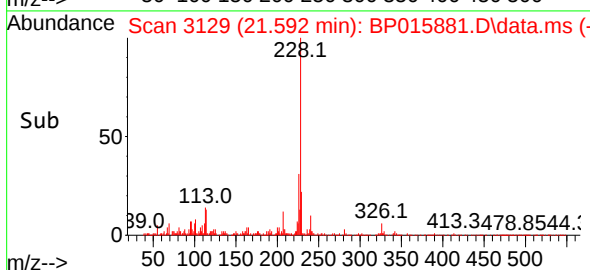
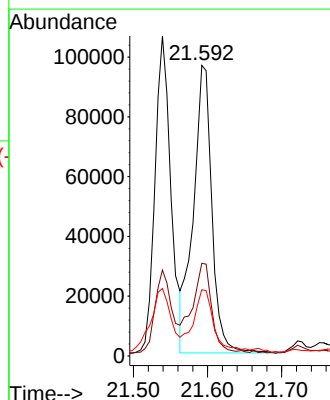
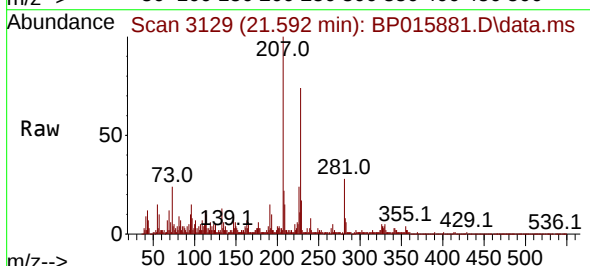
Tgt Ion:228 Resp: 168034

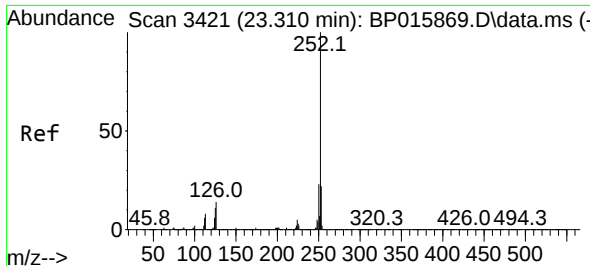
Ion Ratio Lower Upper

228 100

226 31.9 24.3 36.5

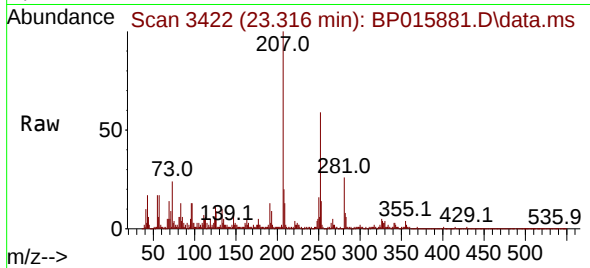
229 22.8 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 4.391 ng/ul
RT: 23.316 min Scan# 3421
Delta R.T. -0.012 min
Lab File: BP015881.D
Acq: 01 Jul 2023 12:36

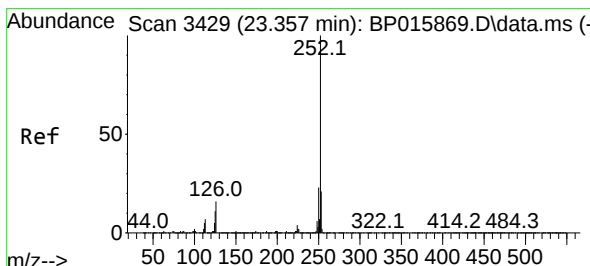
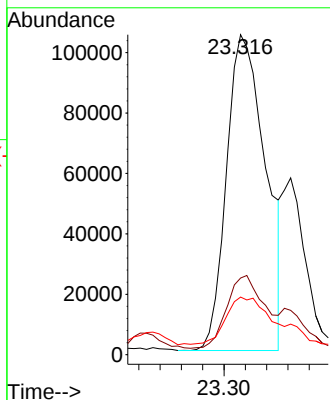
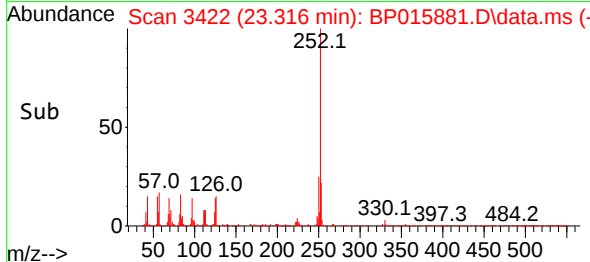
Instrument :
BNA_P
ClientSampleId :
DCGA4



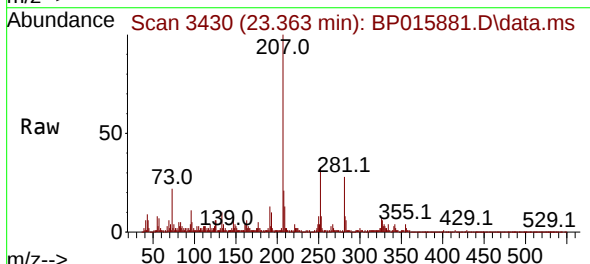
Tgt Ion:252 Resp: 26680
Ion Ratio Lower Upper
252 100
253 24.0 17.3 25.9
125 18.0 7.5 11.3

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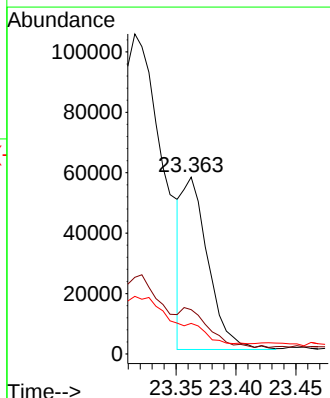
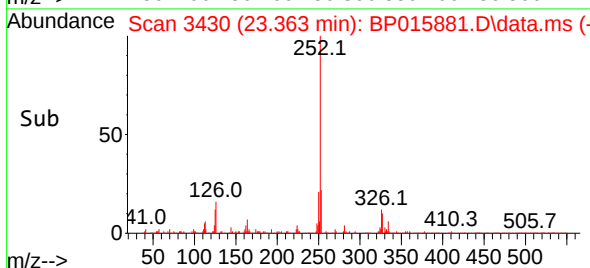
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

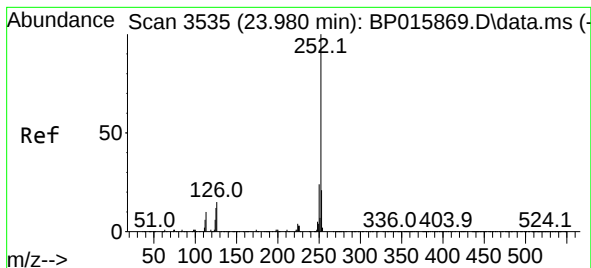


#91
Benzo(k)fluoranthene
Concen: 1.400 ng/ul m
RT: 23.363 min Scan# 3430
Delta R.T. -0.018 min
Lab File: BP015881.D
Acq: 01 Jul 2023 12:36



Tgt Ion:252 Resp: 85984
Ion Ratio Lower Upper
252 100
253 25.1 17.0 25.4
125 17.3 7.3 10.9





#93

Benzo(a)pyrene

Concen: 2.973 ng/ul

RT: 23.986 min Scan# 3535

Delta R.T. -0.018 min

Lab File: BP015881.D

Acq: 01 Jul 2023 12:36

Instrument :

BNA_P

ClientSampleId :

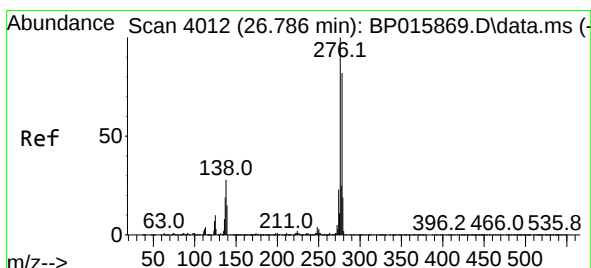
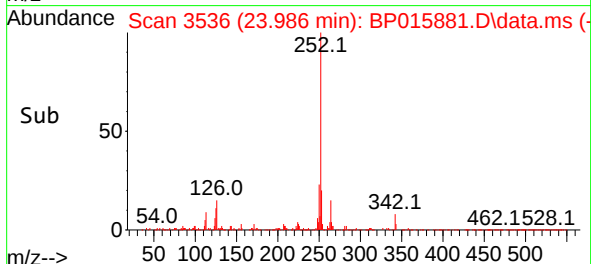
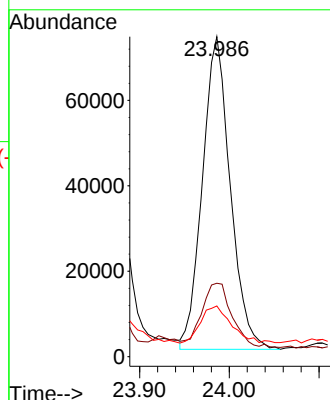
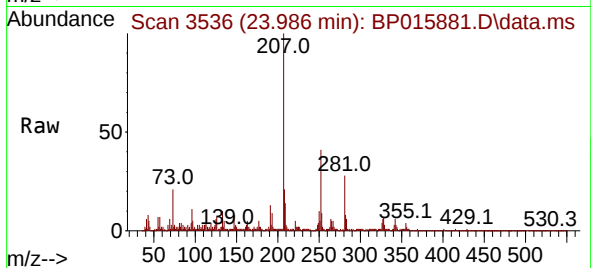
DCGA4

Tgt Ion:252 Resp: 157875
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.7 26.5
 125 15.8 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: 1.704 ng/ul

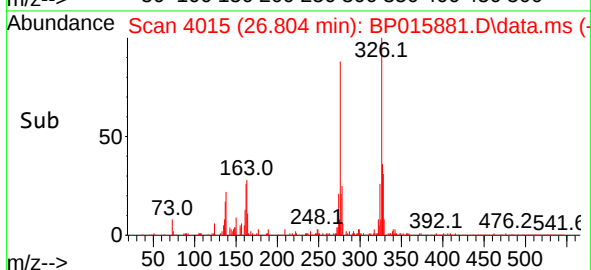
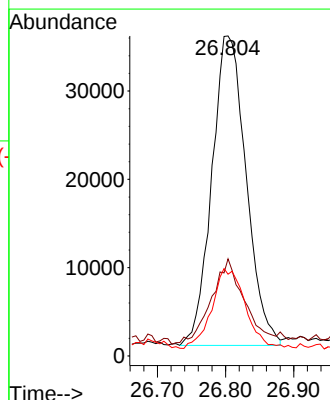
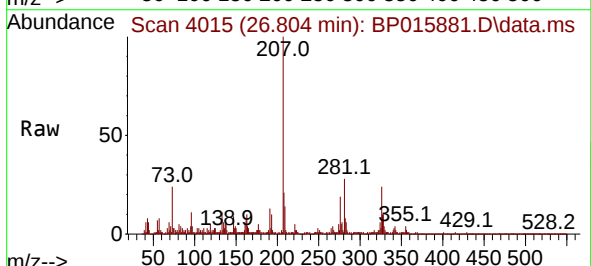
RT: 26.804 min Scan# 4015

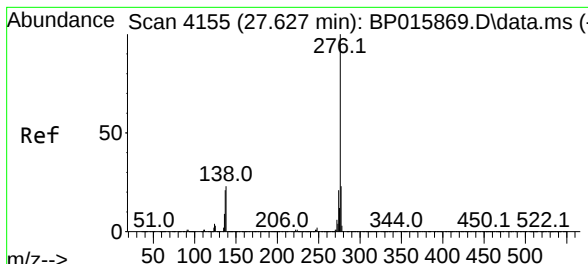
Delta R.T. -0.012 min

Lab File: BP015881.D

Acq: 01 Jul 2023 12:36

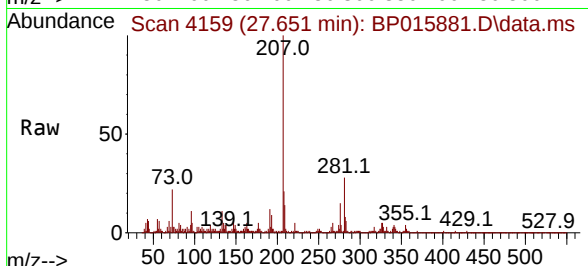
Tgt Ion:276 Resp: 122814
 Ion Ratio Lower Upper
 276 100
 138 30.4 15.7 23.5#
 277 25.5 19.6 29.4





#96
 Benzo(g,h,i)perylene
 Concen: 1.820 ng/ul
 RT: 27.651 min Scan# 4159
 Delta R.T. -0.006 min
 Lab File: BP015881.D
 Acq: 01 Jul 2023 12:36

Instrument :
 BNA_P
 ClientSampleId :
 DCGA4



Tgt Ion: 276 Resp: 107930
 Ion Ratio Lower Upper
 276 100
 138 25.0 15.1 22.7
 277 26.1 18.8 28.2

Manual Integrations
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