

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015956.D
 Acq On : 03 Jul 2023 17:56
 Operator : MA/JU
 Sample : 03245-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGH2

Manual Integrations
 APPROVED

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

Quant Time: Jul 03 23:53:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.045	152	350604	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	1588155	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	966553	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	2026335	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	1389918	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	1410567	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	30073	3.086	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.234	99	586357	19.546	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.369	67	413376	22.273	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	480983	21.240	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	417209	17.605	ng/ul	0.01
21) Nitrobenzene-d5	9.240	128	239326	19.718	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	267170	18.860	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.539	165	433218	17.162	ng/ul	0.03
31) 4-Chloroaniline-d4	11.057	131	378561	11.674	ng/ul	0.03
46) Dimethylphthalate-d6	14.110	166	1448984	19.396	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	1673979	19.933	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	149173m	15.131	ng/ul	0.05
60) Fluorene-d10	15.698	176	1240381	20.164	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.874	200	117824	9.455	ng/ul	0.02
73) Anthracene-d10	17.563	188	1676954	18.118	ng/ul	0.00
81) Pyrene-d10	19.786	212	1977432	21.788	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1431945	20.124	ng/ul	0.00
Target Compounds						
					Qvalue	
80) Fluoranthene	19.463	202	230090	2.040	ng/ul#	92
82) Pyrene	19.815	202	193124	1.678	ng/ul#	87
85) Benzo(a)anthracene	21.533	228	116654	1.193	ng/ul#	94
87) Chrysene	21.592	228	124233	1.339	ng/ul	96
90) Benzo(b)fluoranthene	23.315	252	180025	1.986	ng/ul#	83
93) Benzo(a)pyrene	23.980	252	105389	1.331	ng/ul#	91

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

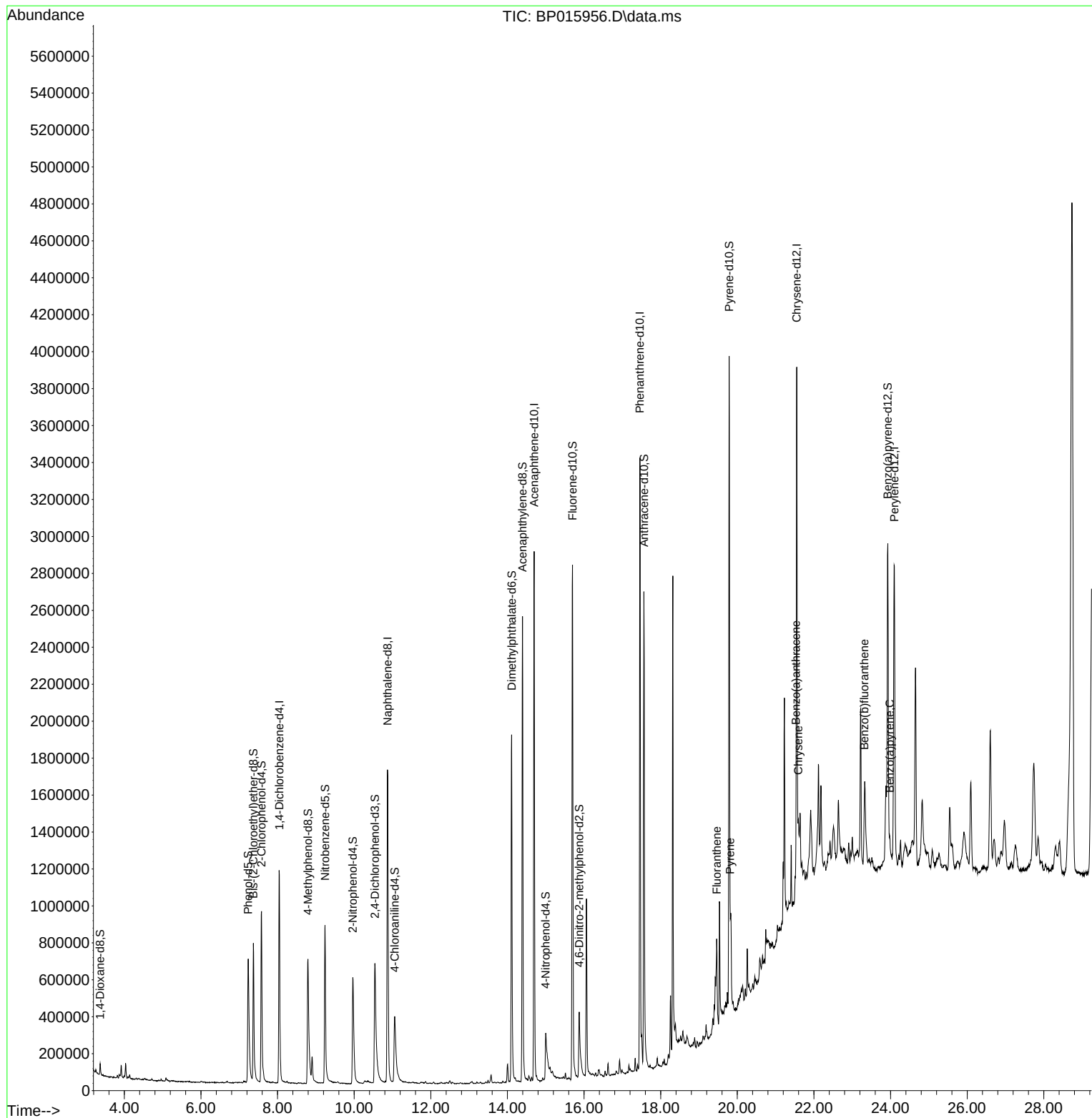
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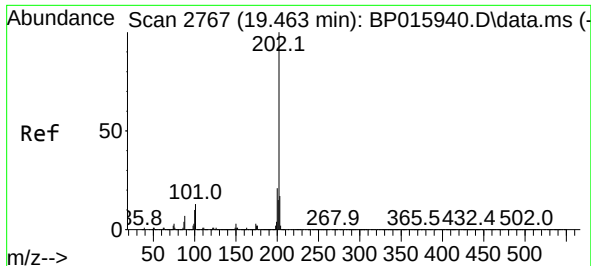
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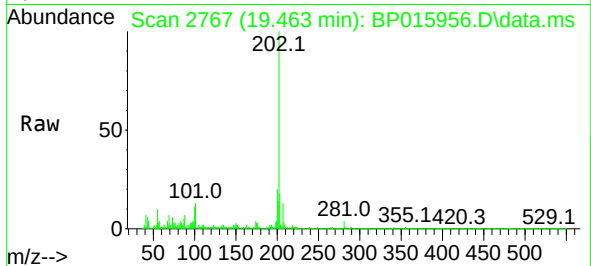
Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023





#80
Fluoranthene
Concen: 2.040 ng/u1
RT: 19.463 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015956.D
Acq: 03 Jul 2023 17:56

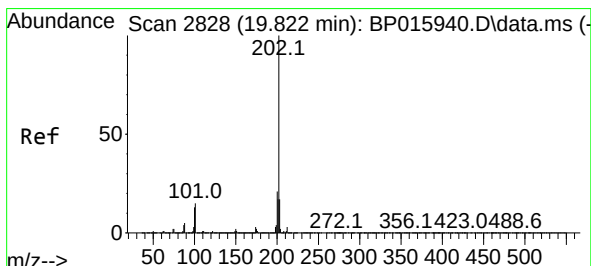
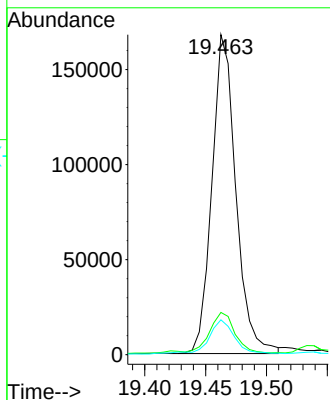
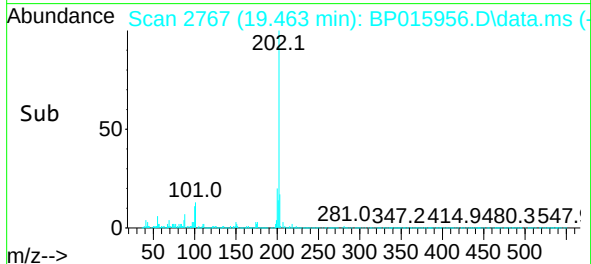
Instrument :
BNA_P
ClientSampleId :
DCGH2



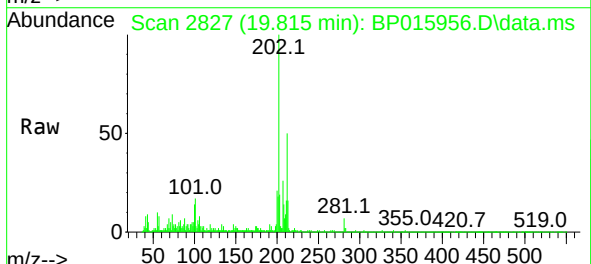
Tgt Ion:202 Resp: 230090
Ion Ratio Lower Upper
202 100
101 13.2 8.3 12.5#
100 10.9 6.6 9.8#

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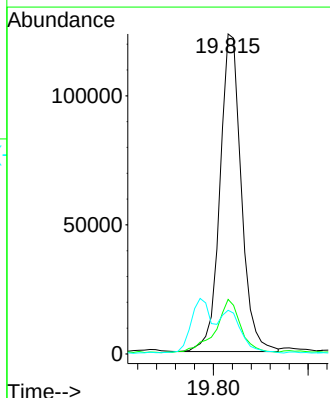
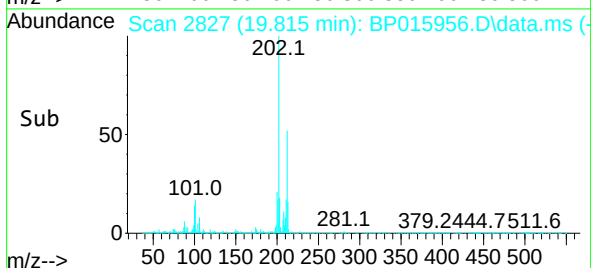
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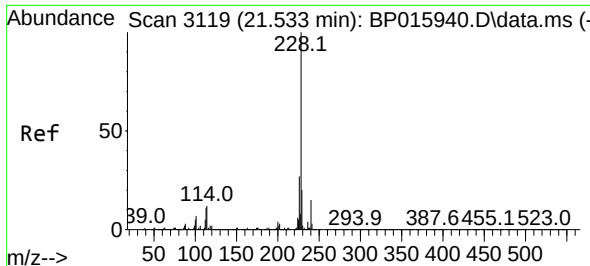


#82
Pyrene
Concen: 1.678 ng/u1
RT: 19.815 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP015956.D
Acq: 03 Jul 2023 17:56



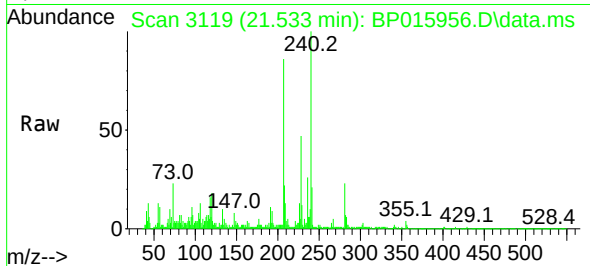
Tgt Ion:202 Resp: 193124
Ion Ratio Lower Upper
202 100
101 17.0 9.3 13.9#
100 13.7 7.6 11.4#





#85
Benzo(a)anthracene
Concen: 1.193 ng/u1
RT: 21.533 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BP015956.D
Acq: 03 Jul 2023 17:56

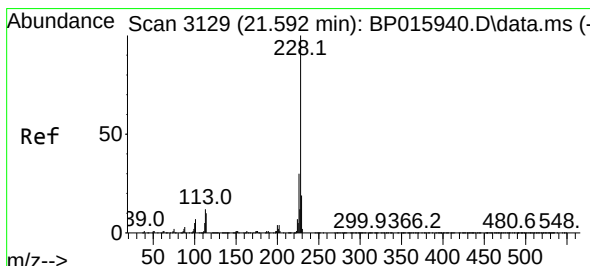
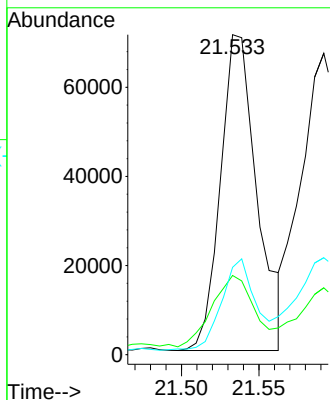
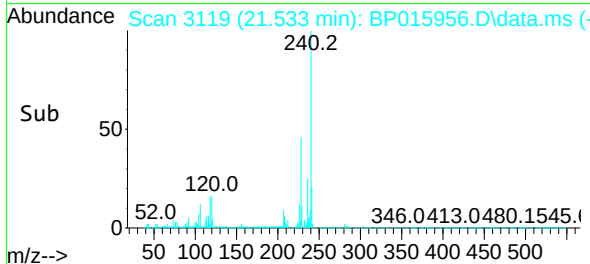
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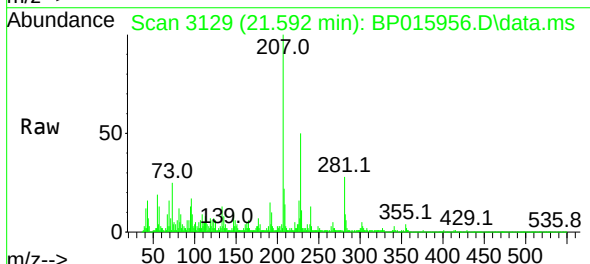
Tgt Ion:228 Resp: 116654
Ion Ratio Lower Upper
228 100
229 24.8 15.3 22.9
226 27.3 21.4 32.0

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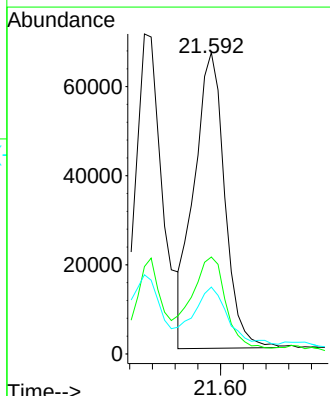
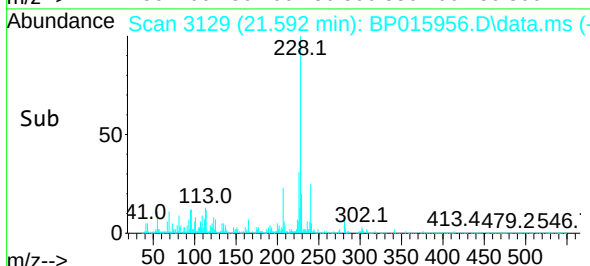
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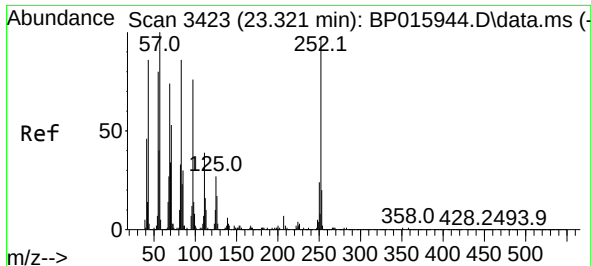


#87
Chrysene
Concen: 1.339 ng/u1
RT: 21.592 min Scan# 3129
Delta R.T. 0.006 min
Lab File: BP015956.D
Acq: 03 Jul 2023 17:56



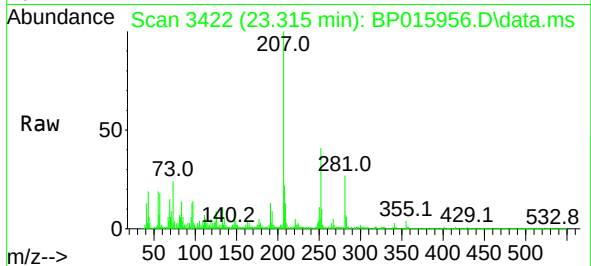
Tgt Ion:228 Resp: 124233
Ion Ratio Lower Upper
228 100
226 32.2 24.3 36.5
229 22.2 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 1.986 ng/u1
RT: 23.315 min Scan# 3423
Delta R.T. 0.006 min
Lab File: BP015956.D
Acq: 03 Jul 2023 17:56

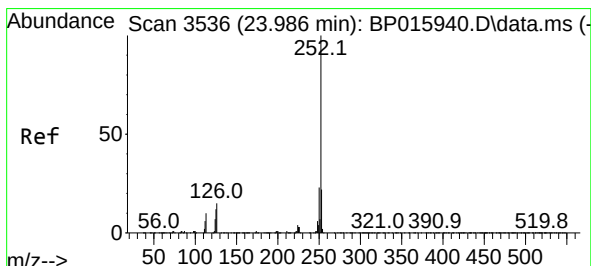
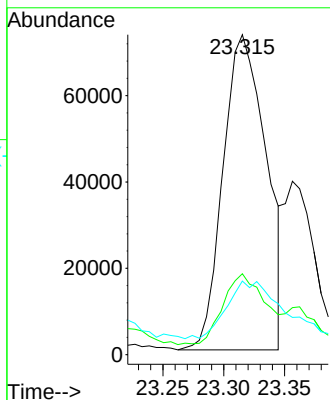
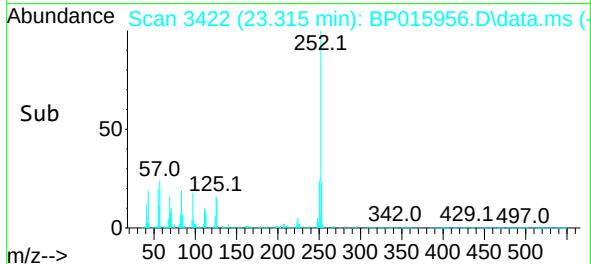
Instrument :
BNA_P
ClientSampleId :
DCGH2



Tgt Ion:252 Resp: 180025
Ion Ratio Lower Upper
252 100
253 25.3 17.3 25.9
125 23.0 7.5 11.3

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#93
Benzo(a)pyrene
Concen: 1.331 ng/u1
RT: 23.980 min Scan# 3535
Delta R.T. 0.000 min
Lab File: BP015956.D
Acq: 03 Jul 2023 17:56

Tgt Ion:252 Resp: 105389
Ion Ratio Lower Upper
252 100
253 24.5 17.7 26.5
125 17.3 8.2 12.2

