

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022566.D
 Acq On : 23 Oct 2024 16:52
 Operator : RC/JU
 Sample : P4415-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F54

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 23 17:31:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	100422	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	389628	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	301522	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	740926	20.000	ng/u1	-0.02
79) Chrysene-d12	21.504	240	789098	20.000	ng/u1	0.00
88) Perylene-d12	24.768	264	937644	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	8612	3.333	ng/uL	0.00
4) Pyridine-d5	3.605	84	111215	15.677	ng/u1	0.00
7) Phenol-d5	6.852	99	166091	19.648	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	93634	18.846	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	121761	20.300	ng/u1	0.00
15) 4-Methylphenol-d8	8.357	113	141840	21.025	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	59240	19.774	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	73581	21.215	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	154164	20.913	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	164035	18.832	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	527674	22.026	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	549820	21.608	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.504	143	60203	14.980	ng/u1	0.00
60) Fluorene-d10	15.275	176	471819	22.706	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.422	200	58787	12.064	ng/u1	0.00
73) Anthracene-d10	17.169	188	805835	23.120	ng/u1	0.00
81) Pyrene-d10	19.551	212	1013330	24.284	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.533	264	1173359	23.432	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.104	178	45007	1.135	ng/u1	96
80) Fluoranthene	19.204	202	107984	2.251	ng/u1	98
82) Pyrene	19.580	202	92917	1.807	ng/u1	100
85) Benzo(a)anthracene	21.480	228	62049m	1.122	ng/u1	
87) Chrysene	21.551	228	54942	1.071	ng/u1	93
90) Benzo(b)fluoranthene	23.733	252	84040	1.424	ng/u1	99

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

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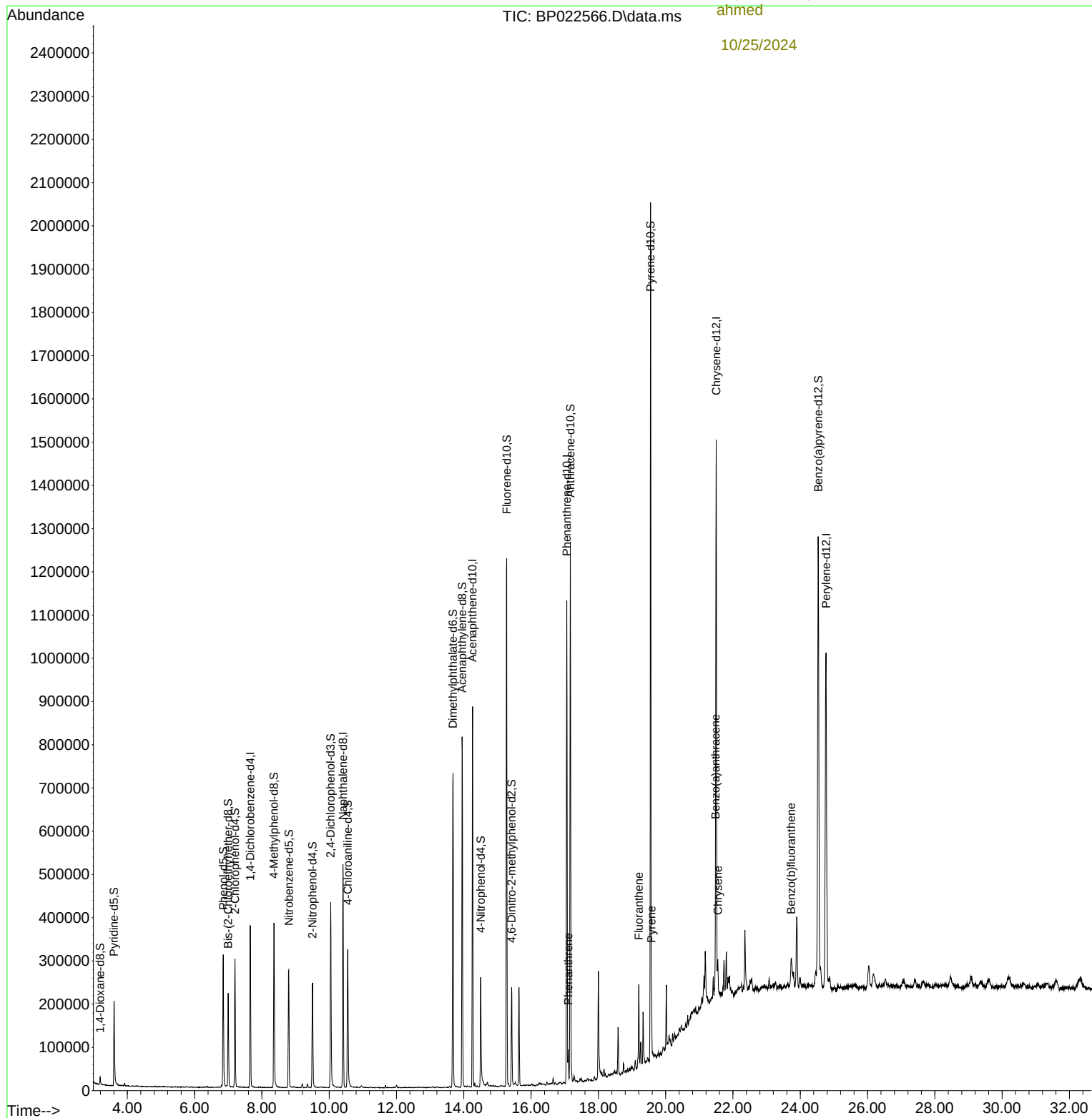
Quant Time: Oct 23 17:31:35 2024
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Quant Title : SVOA CALIBRATION
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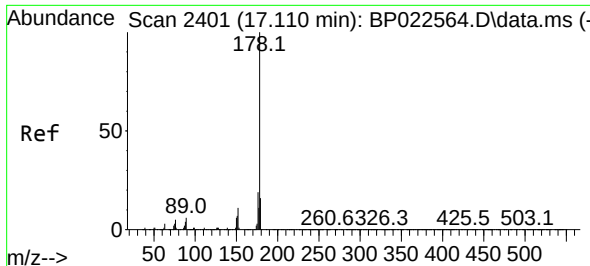
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ahmed

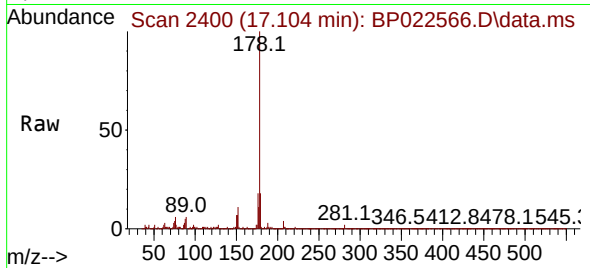
10/25/2024





#72
Phenanthrene
Concen: 1.135 ng/ul
RT: 17.104 min Scan# 2401
Delta R.T. -0.011 min
Lab File: BP022566.D
Acq: 23 Oct 2024 16:52

Instrument :
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ClientSampleId :
A4F54



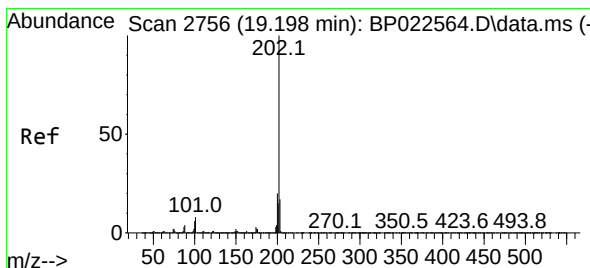
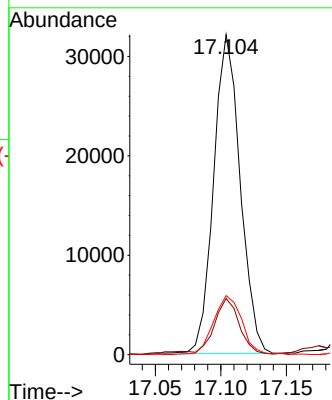
Tgt Ion:178 Resp: 4500
Ion Ratio Lower Upper
178 100
179 17.6 12.2 18.4
176 18.4 15.7 23.5

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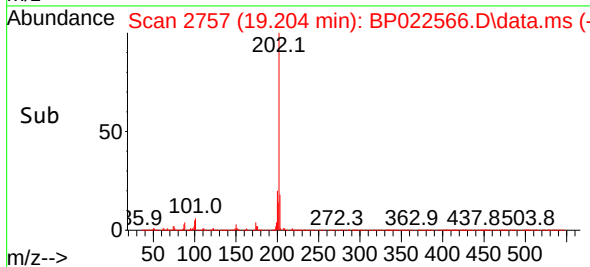
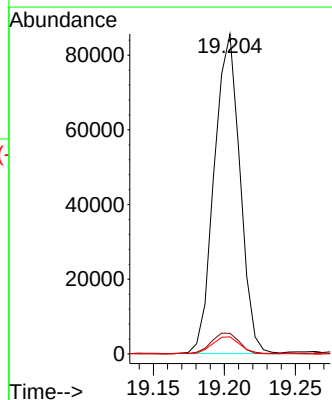
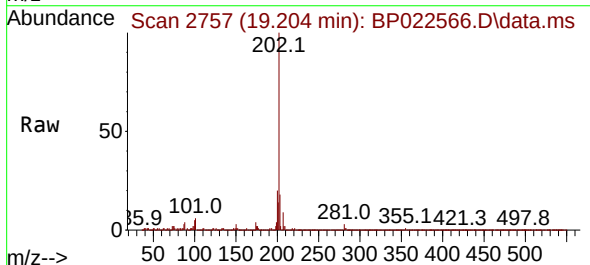
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ahmed

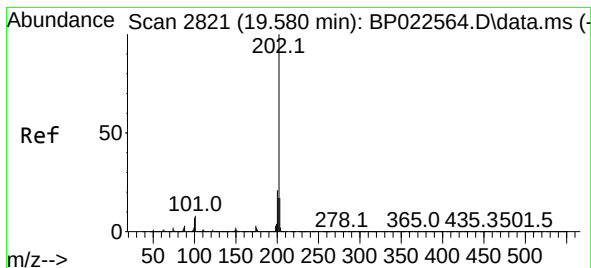
10/25/2024



#80
Fluoranthene
Concen: 2.251 ng/ul
RT: 19.204 min Scan# 2757
Delta R.T. -0.006 min
Lab File: BP022566.D
Acq: 23 Oct 2024 16:52

Tgt Ion:202 Resp: 107984
Ion Ratio Lower Upper
202 100
101 6.5 5.8 8.8
100 5.4 4.5 6.7





#82

Pyrene

Concen: 1.807 ng/ul

RT: 19.580 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP022566.D

Acq: 23 Oct 2024 16:52

Instrument :

BNA_P

ClientSampleId :

A4F54

Tgt Ion:202	Resp:	9291
Ion Ratio	Lower	Upper
202	100	
101	8.5	6.7 10.1
100	7.3	5.8 8.6

Manual Integrations

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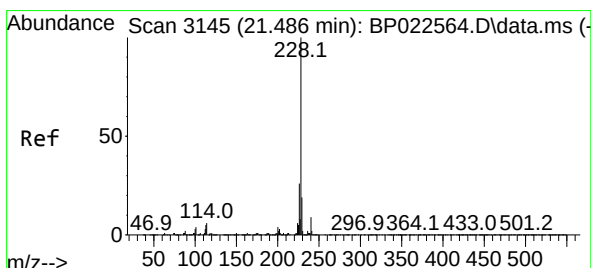
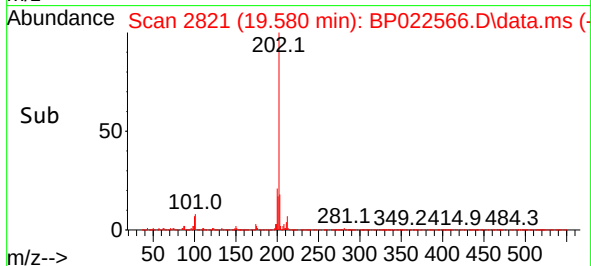
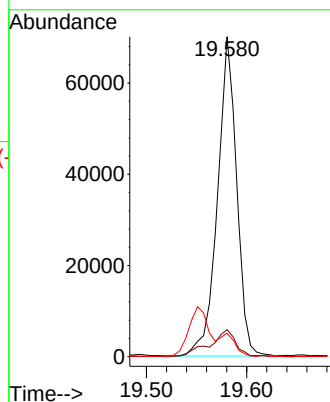
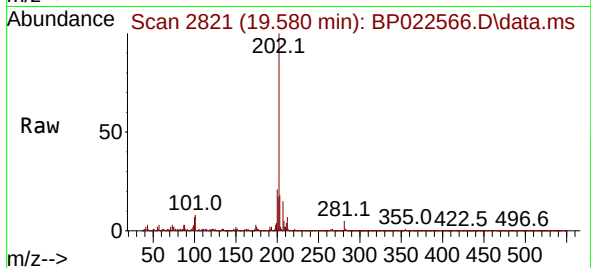
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#85

Benzo(a)anthracene

Concen: 1.122 ng/ul m

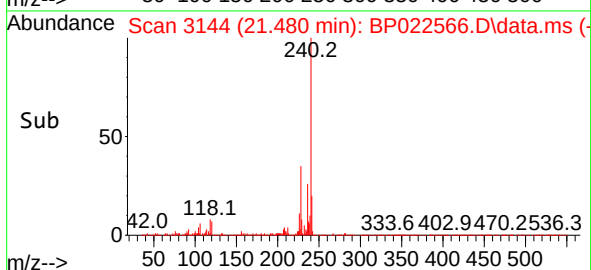
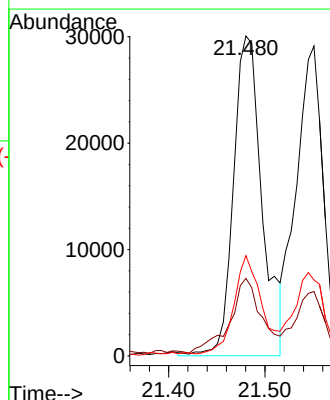
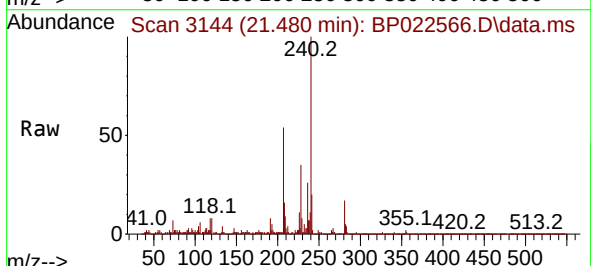
RT: 21.480 min Scan# 3144

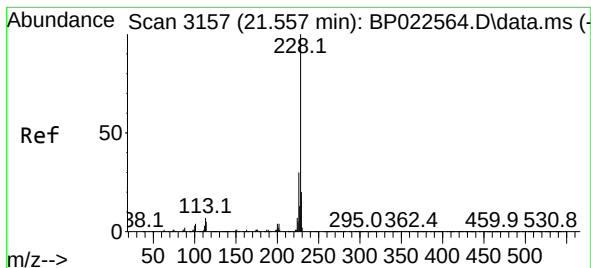
Delta R.T. 0.000 min

Lab File: BP022566.D

Acq: 23 Oct 2024 16:52

Tgt Ion:228	Resp:	62049
Ion Ratio	Lower	Upper
228	100	
229	24.2	15.4 23.0
226	31.3	21.5 32.3





#87

Chrysene

Concen: 1.071 ng/ul

RT: 21.551 min Scan# 3157

Delta R.T. 0.006 min

Lab File: BP022566.D

Acq: 23 Oct 2024 16:52

Instrument :

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Tgt Ion:	228	Resp:	5494
Ion Ratio	Lower	Upper	
228	100		
226	24.5	23.8	35.8
229	20.8	15.5	23.3

Manual Integrations

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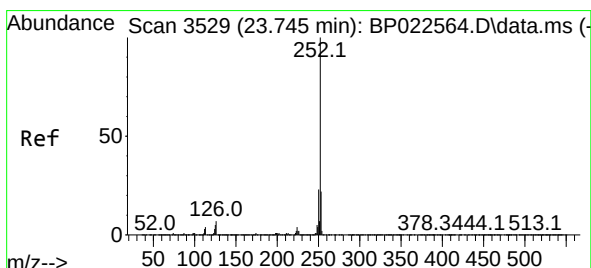
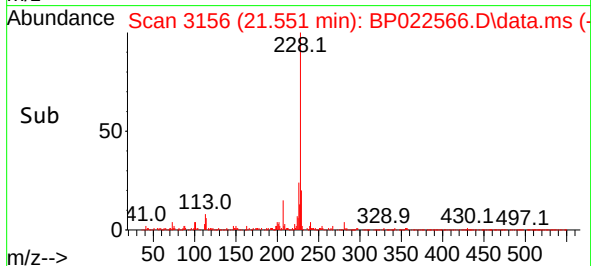
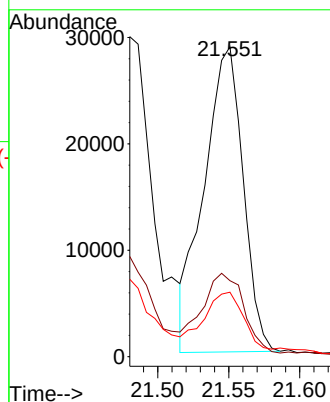
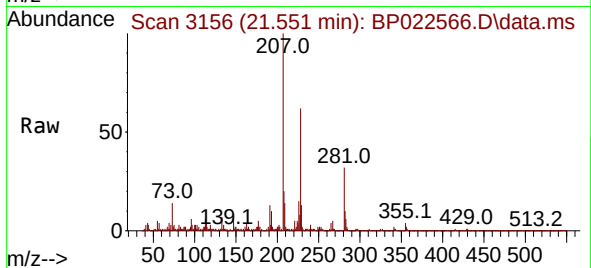
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10/25/2024



#90

Benzo(b)fluoranthene

Concen: 1.424 ng/ul

RT: 23.733 min Scan# 3527

Delta R.T. 0.012 min

Lab File: BP022566.D

Acq: 23 Oct 2024 16:52

Tgt Ion:	252	Resp:	84040
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.8
125	7.1	5.0	7.4

