

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022568.D
 Acq On : 23 Oct 2024 18:13
 Operator : RC/JU
 Sample : P4415-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F65

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 24 01:21:01 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	7.652	152	123820	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	455537	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	334429	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	788306	20.000	ng/u1	-0.01
79) Chrysene-d12	21.504	240	853959	20.000	ng/u1	0.00
88) Perylene-d12	24.774	264	1010220	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	8274	2.597	ng/uL	0.00
4) Pyridine-d5	3.616	84	104171	11.909	ng/u1	0.00
7) Phenol-d5	6.852	99	157295	15.091	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	95569	15.601	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	119993	16.225	ng/u1	0.00
15) 4-Methylphenol-d8	8.357	113	132639	15.946	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	58595	16.729	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	69821	17.218	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	143302	16.627	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	158143	15.528	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	482112	18.144	ng/u1	-0.01
49) Acenaphthylene-d8	13.963	160	520504	18.443	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	57055m	12.799	ng/u1	0.00
60) Fluorene-d10	15.275	176	427587	18.553	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.410	200	49360	9.521	ng/u1	0.00
73) Anthracene-d10	17.175	188	724779	19.544	ng/u1	0.00
81) Pyrene-d10	19.545	212	900306	19.936	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.533	264	1052312	19.505	ng/u1	0.00
Target Compounds						
72) Phenanthrene	17.110	178	69139	1.639	ng/u1	96
80) Fluoranthene	19.198	202	117988	2.273	ng/u1	98
82) Pyrene	19.580	202	112801	2.027	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.416	149	87498	3.147	ng/u1	97
87) Chrysene	21.545	228	61212	1.103	ng/u1	97
90) Benzo(b)fluoranthene	23.727	252	81569	1.283	ng/u1#	94

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

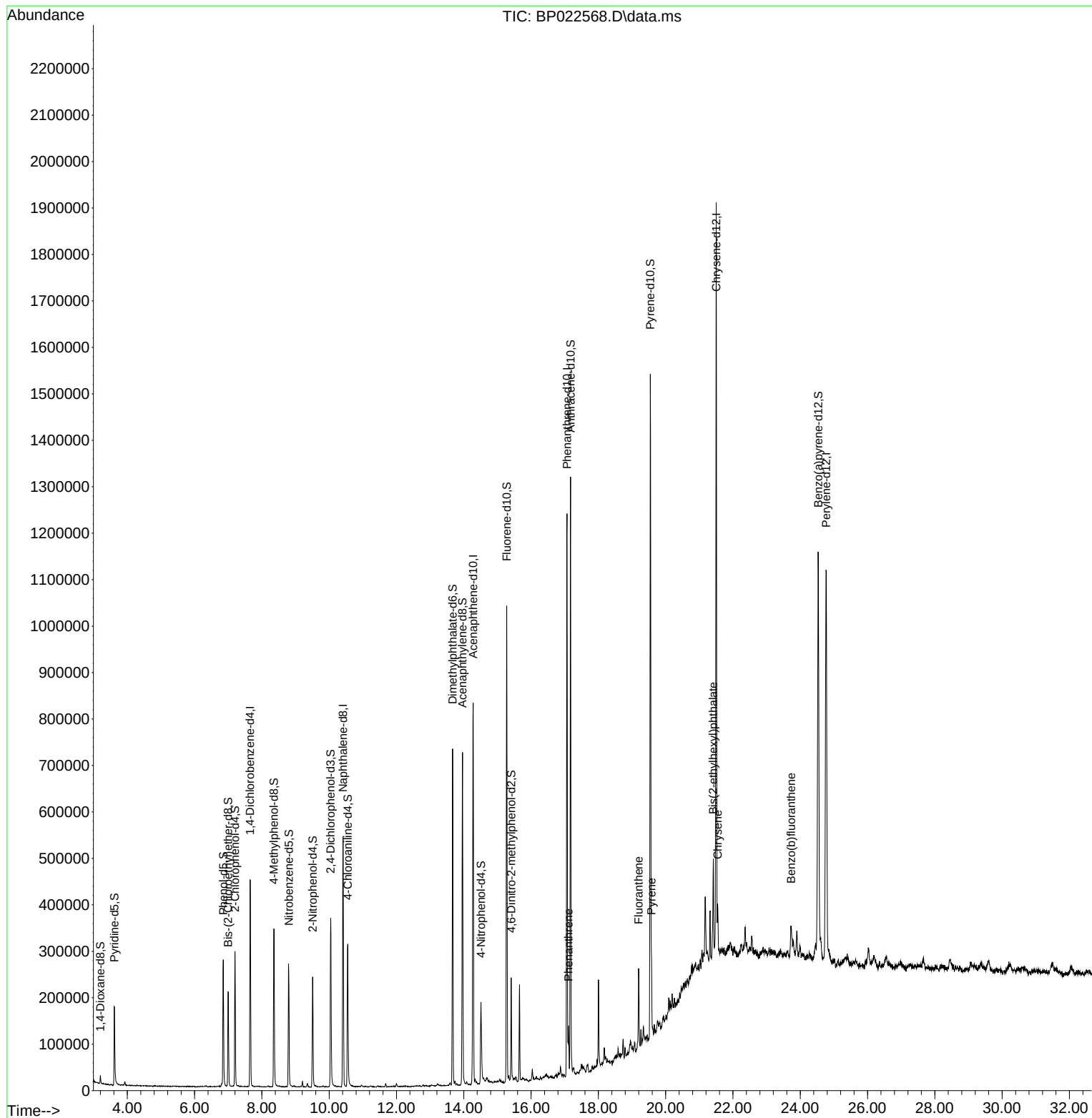
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
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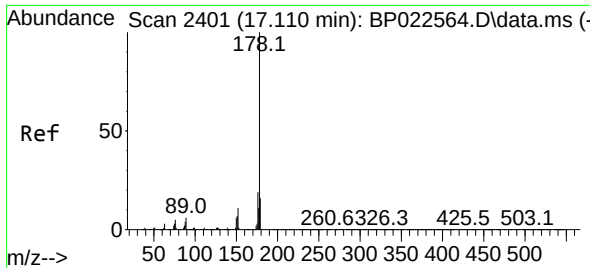
Instrument :
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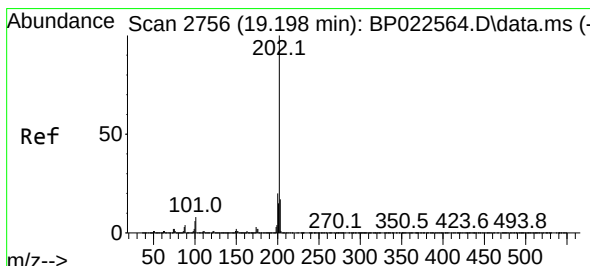
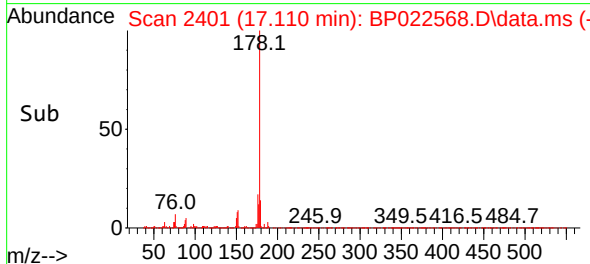
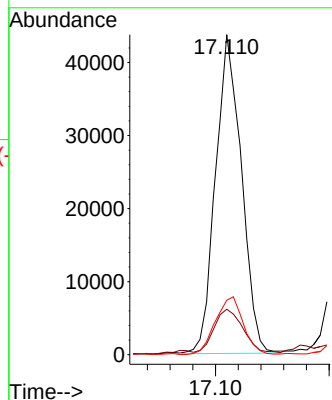
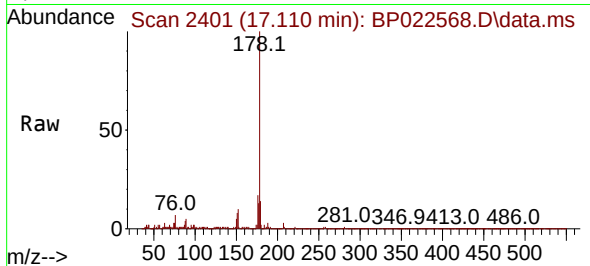
#72
Phenanthrene
Concen: 1.639 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BP022568.D
Acq: 23 Oct 2024 18:13

Instrument :
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ClientSampleId :
A4F65

Tgt Ion:178 Resp: 69139
Ion Ratio Lower Upper
178 100
179 14.2 12.2 18.4
176 17.0 15.7 23.5

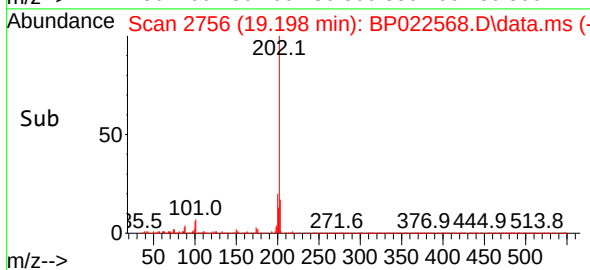
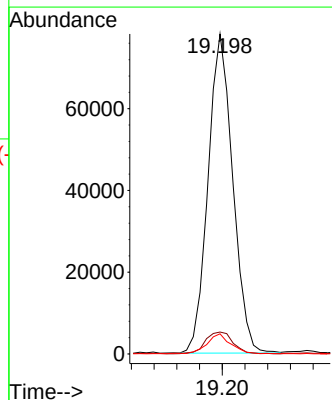
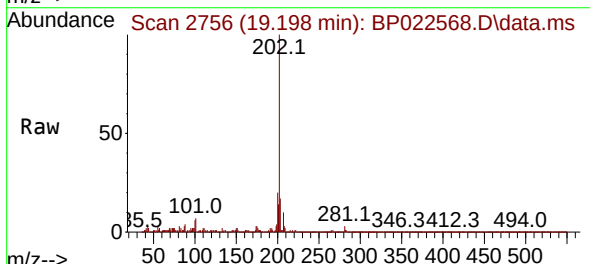
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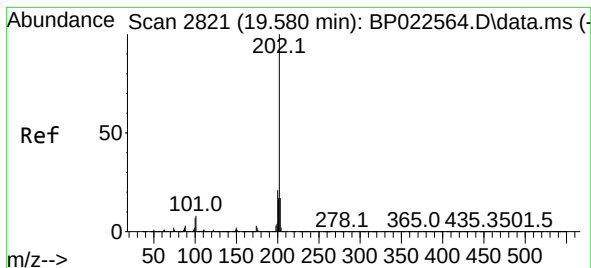
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#80
Fluoranthene
Concen: 2.273 ng/ul
RT: 19.198 min Scan# 2756
Delta R.T. -0.012 min
Lab File: BP022568.D
Acq: 23 Oct 2024 18:13

Tgt Ion:202 Resp: 117988
Ion Ratio Lower Upper
202 100
101 6.9 5.8 8.8
100 6.3 4.5 6.7





#82

Pyrene

Concen: 2.027 ng/ul

RT: 19.580 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP022568.D

Acq: 23 Oct 2024 18:13

Instrument :

BNA_P

ClientSampleId :

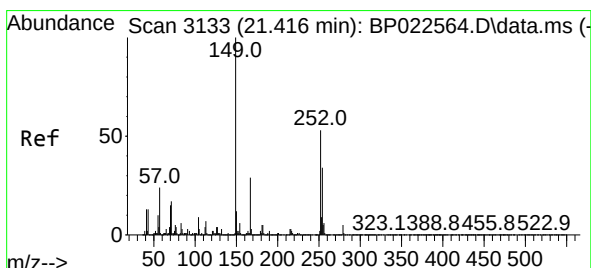
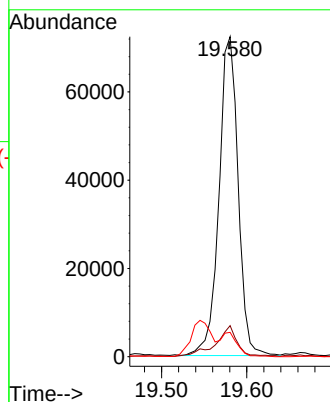
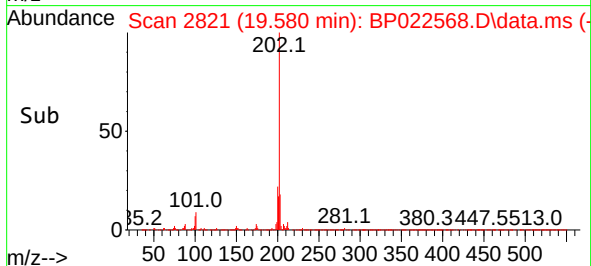
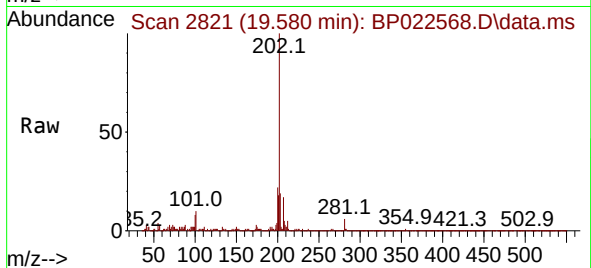
A4F65

Tgt Ion:	202	Resp:	11280
Ion Ratio	Lower	Upper	
202	100		
101	9.7	6.7	10.1
100	7.6	5.8	8.6

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#86

Bis(2-ethylhexyl)phthalate

Concen: 3.147 ng/ul

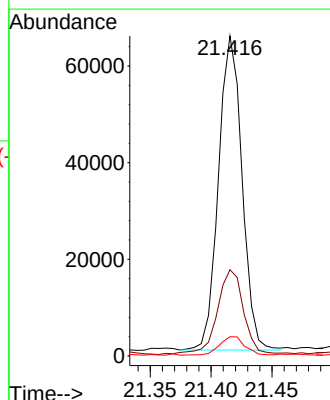
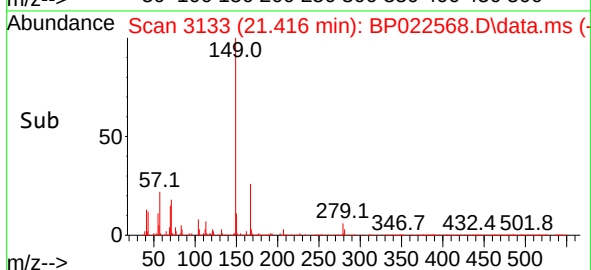
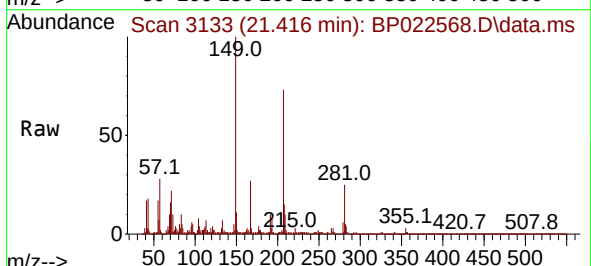
RT: 21.416 min Scan# 3133

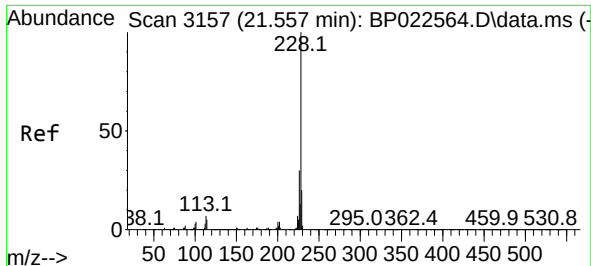
Delta R.T. 0.000 min

Lab File: BP022568.D

Acq: 23 Oct 2024 18:13

Tgt Ion:	149	Resp:	87498
Ion Ratio	Lower	Upper	
149	100		
167	27.0	23.0	34.4
279	6.0	4.8	7.2





#87

Chrysene

Concen: 1.103 ng/ul

RT: 21.545 min Scan# 3155

Delta R.T. 0.000 min

Lab File: BP022568.D

Acq: 23 Oct 2024 18:13

Instrument :

BNA_P

ClientSampleId :

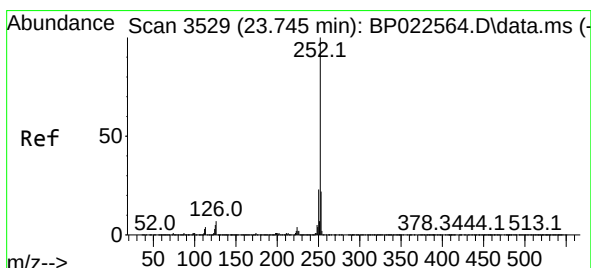
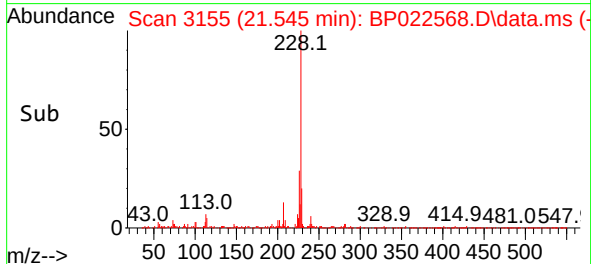
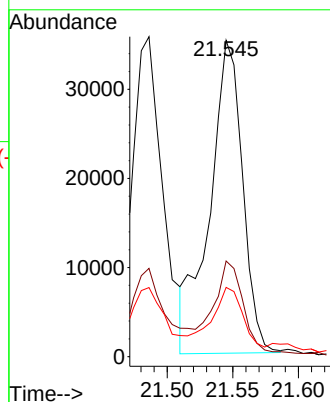
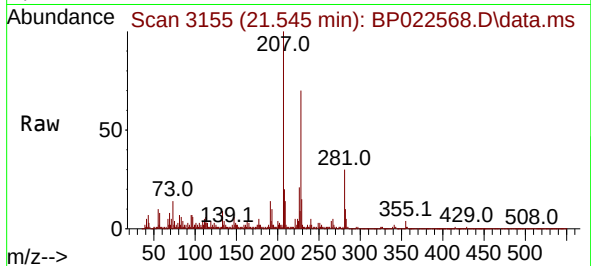
A4F65

Tgt Ion:	228	Resp:	6121
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.8	35.8
229	21.9	15.5	23.3

Manual Integrations

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Supervised By :mohammad ahmed 10/25/2024



#90

Benzo(b)fluoranthene

Concen: 1.283 ng/ul

RT: 23.727 min Scan# 3526

Delta R.T. 0.006 min

Lab File: BP022568.D

Acq: 23 Oct 2024 18:13

Tgt Ion:	252	Resp:	81569
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.8	26.8
125	7.8	5.0	7.4

