

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
 Data File : BP015555.D
 Acq On : 15 Jun 2023 14:45
 Operator : MA/JU
 Sample : 03088-12
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFR8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 15 22:54:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	108911	20.000	ng/u1	0.00
20) Naphthalene-d8	10.916	136	525486	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	359109	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	827672	20.000	ng/u1	0.00
79) Chrysene-d12	21.568	240	784671	20.000	ng/u1	0.00
88) Perylene-d12	24.115	264	801356	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	4535	1.542	ng/uL	0.00
4) Pyridine-d5	3.887	84	12913m	1.690	ng/u1	0.04
7) Phenol-d5	7.246	99	88415	8.812	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	60417	10.083	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	74012	10.174	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	58516	7.106	ng/u1	0.00
21) Nitrobenzene-d5	9.269	128	40772	9.883	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	44041	9.348	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	79892	9.296	ng/u1	0.01
31) 4-Chloroaniline-d4	11.069	131	63748	5.168	ng/u1	0.01
46) Dimethylphthalate-d6	14.134	166	293400	10.361	ng/u1	0.00
49) Acenaphthylene-d8	14.428	160	308810	9.973	ng/u1	0.00
54) 4-Nitrophenol-d4	14.975	143	22152m	4.368	ng/u1	0.04
60) Fluorene-d10	15.722	176	255646	10.706	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	33253	6.342	ng/u1	0.00
73) Anthracene-d10	17.586	188	367742	9.765	ng/u1	0.00
81) Pyrene-d10	19.810	212	273709	6.517	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	134129	3.336	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.528	178	80132	1.804	ng/u1	98
80) Fluoranthene	19.486	202	170648	3.336	ng/u1	98
82) Pyrene	19.839	202	62249	1.176	ng/u1	97
85) Benzo(a)anthracene	21.551	228	84945	1.549	ng/u1	98
87) Chrysene	21.610	228	75566	1.457	ng/u1	98
90) Benzo(b)fluoranthene	23.333	252	117829	2.278	ng/u1#	97

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

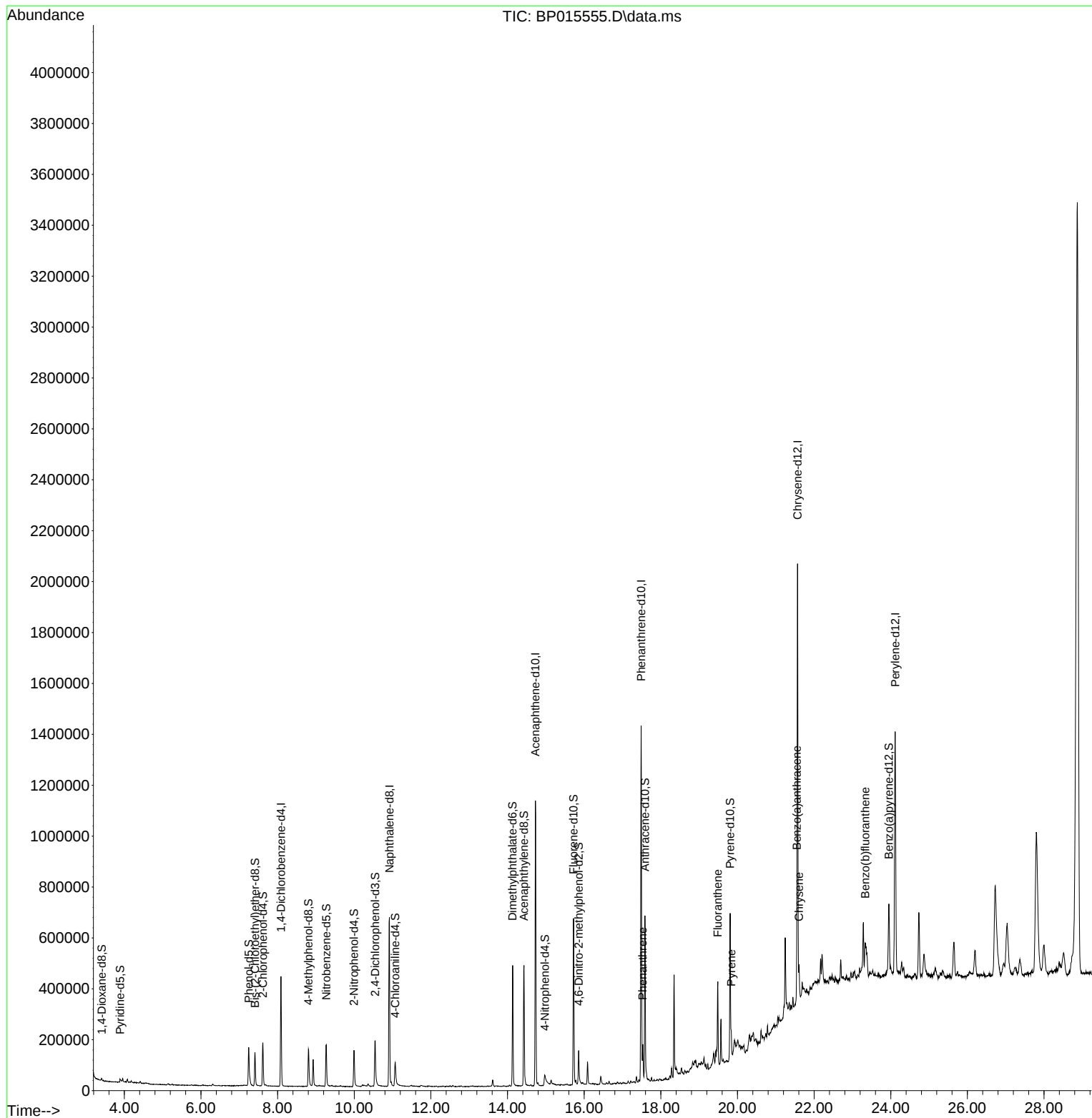
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
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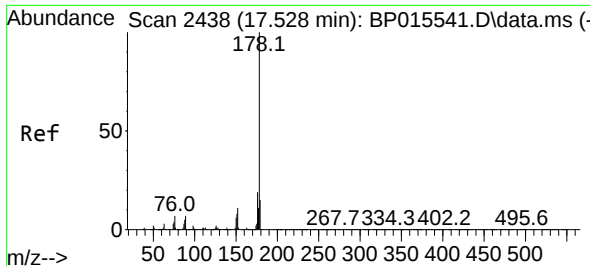
Instrument :
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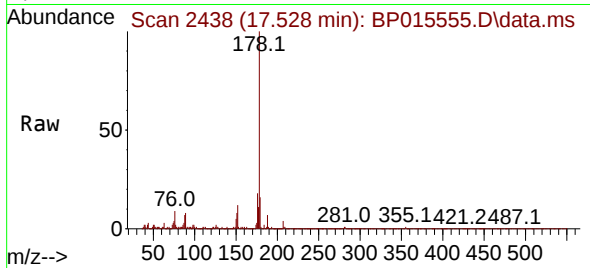
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023





#72
Phenanthrene
Concen: 1.804 ng/ul
RT: 17.528 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BP015555.D
Acq: 15 Jun 2023 14:45

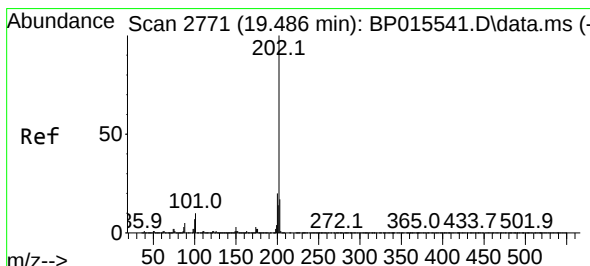
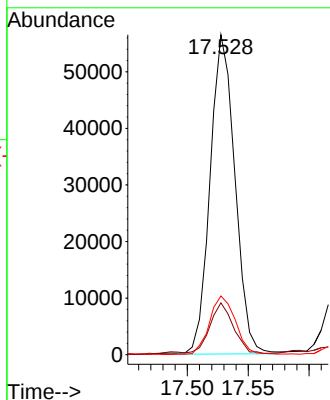
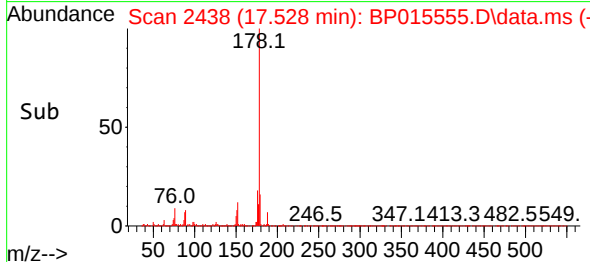
Instrument :
BNA_P
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Tgt Ion:178 Resp: 80132
Ion Ratio Lower Upper
178 100
179 16.2 12.3 18.5
176 18.4 15.4 23.0

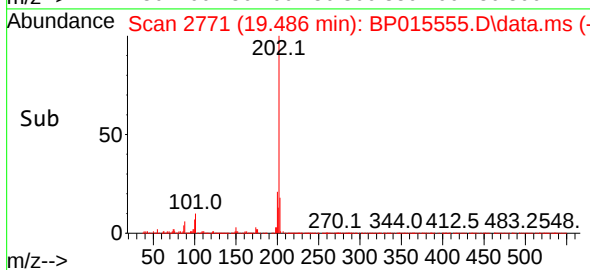
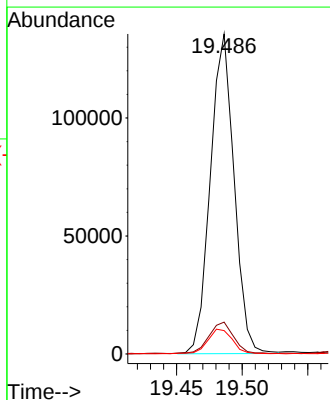
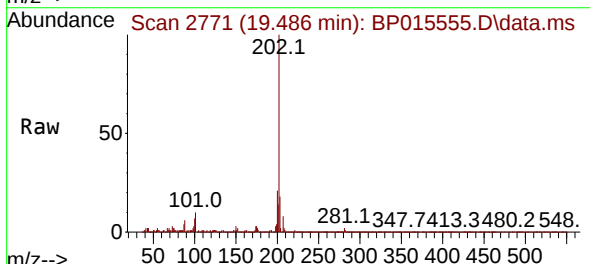
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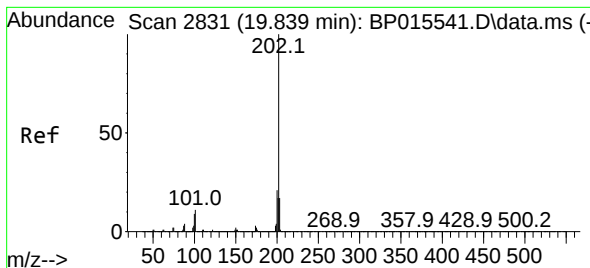
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#80
Fluoranthene
Concen: 3.336 ng/ul
RT: 19.486 min Scan# 2771
Delta R.T. -0.000 min
Lab File: BP015555.D
Acq: 15 Jun 2023 14:45

Tgt Ion:202 Resp: 170648
Ion Ratio Lower Upper
202 100
101 9.9 8.6 13.0
100 7.3 6.6 9.8





#82

Pyrene

Concen: 1.176 ng/ul

RT: 19.839 min Scan# 2831

Delta R.T. -0.000 min

Lab File: BP015555.D

Acq: 15 Jun 2023 14:45

Instrument :

BNA_P

ClientSampleId :

DCFR8

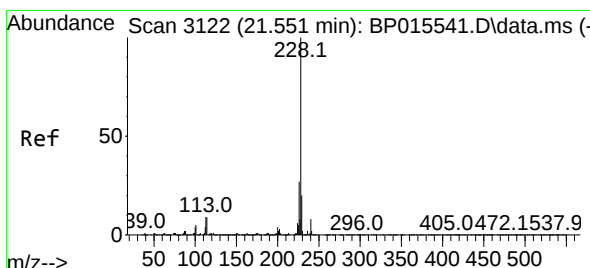
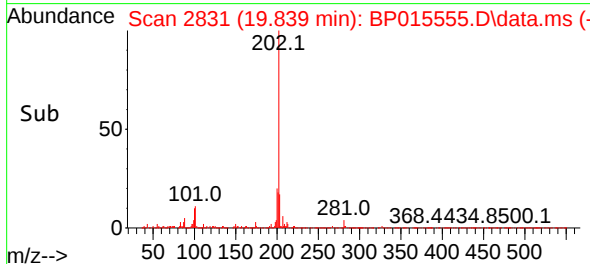
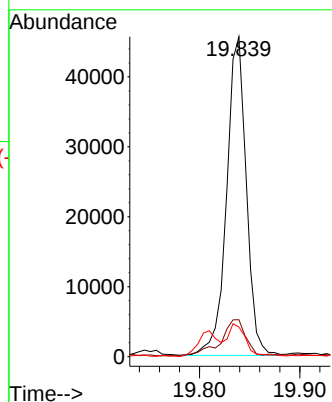
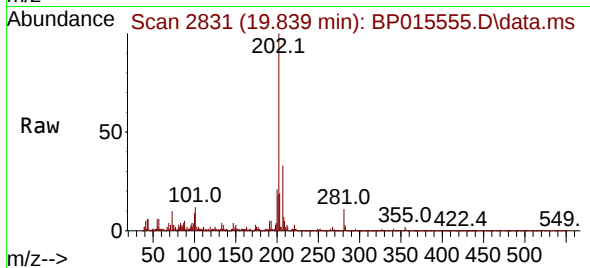
Tgt Ion:	202	Resp:	62249
Ion Ratio	Lower	Upper	
202	100		
101	11.5	9.9	14.9
100	9.3	8.4	12.6

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 1.549 ng/ul

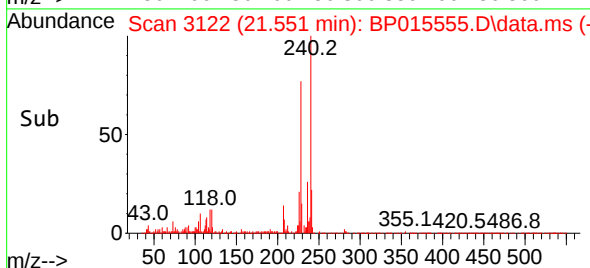
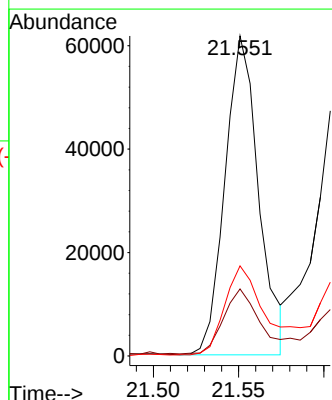
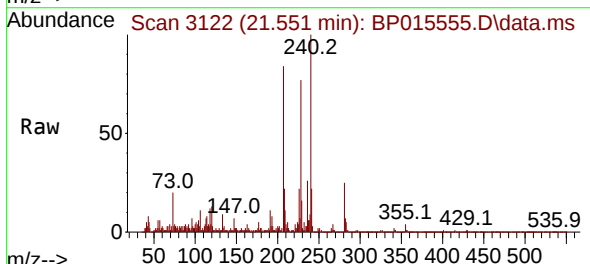
RT: 21.551 min Scan# 3122

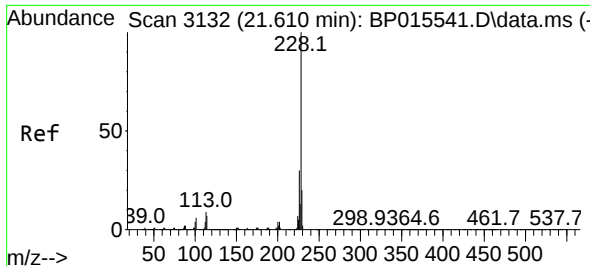
Delta R.T. -0.000 min

Lab File: BP015555.D

Acq: 15 Jun 2023 14:45

Tgt Ion:	228	Resp:	84945
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.8	23.6
226	28.1	21.8	32.6





#87

Chrysene

Concen: 1.457 ng/ul

RT: 21.610 min Scan# 3132

Delta R.T. -0.000 min

Lab File: BP015555.D

Acq: 15 Jun 2023 14:45

Instrument :

BNA_P

ClientSampleId :

DCFR8

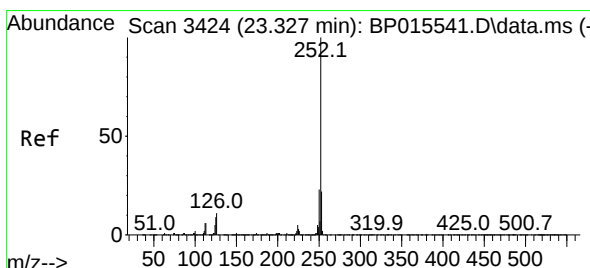
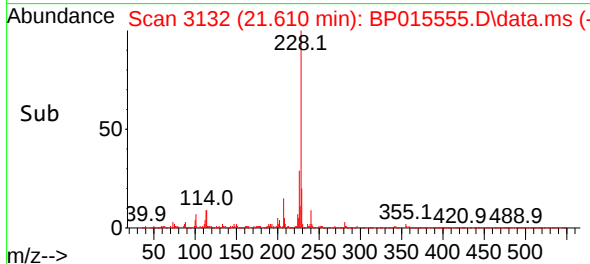
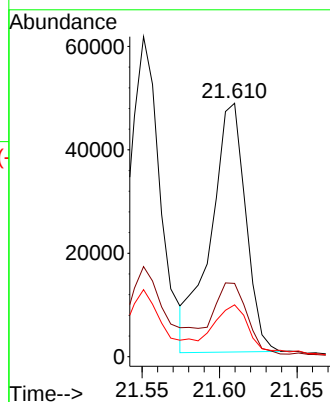
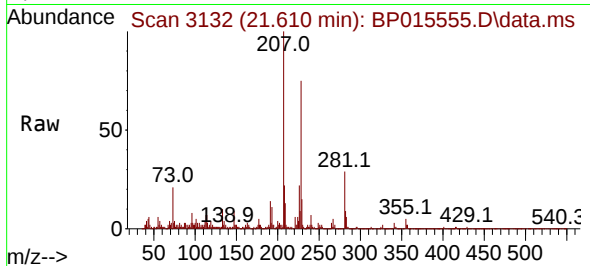
Tgt Ion:	228	Resp:	7556
Ion Ratio	Lower	Upper	
228	100		
226	28.9	23.9	35.9
229	20.5	15.1	22.7

Manual Integrations

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Reviewed By :Yogesh Patel 06/16/2023

Supervised By :mohammad ahmed 06/16/2023



#90

Benzo(b)fluoranthene

Concen: 2.278 ng/ul

RT: 23.333 min Scan# 3425

Delta R.T. 0.006 min

Lab File: BP015555.D

Acq: 15 Jun 2023 14:45

Tgt Ion:	252	Resp:	117829
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.2
125	11.9	7.3	10.9

