

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047927.D
 Acq On : 09 Oct 2024 00:20
 Operator : RC/JU
 Sample : P4183-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EL7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 09 02:14:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	238147	20.000	ng/u1	0.00
20) Naphthalene-d8	10.586	136	966874	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.427	164	597035	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1195643	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	1109999	20.000	ng/u1	0.00
88) Perylene-d12	24.391	264	1266155	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	5519	0.749	ng/uL	0.00
4) Pyridine-d5	3.687	84	11969m	0.555	ng/u1	0.02
7) Phenol-d5	6.963	99	209843	9.318	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	128916	8.068	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	175618	10.719	ng/u1	0.00
15) 4-Methylphenol-d8	8.498	113	157982	9.436	ng/u1	0.00
21) Nitrobenzene-d5	8.945	128	80913	10.511	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	83084	11.262	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	164128	11.137	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	205144	9.004	ng/u1	0.00
46) Dimethylphthalate-d6	13.833	166	484578	11.195	ng/u1	-0.01
49) Acenaphthylene-d8	14.122	160	543432	10.589	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	53272m	6.181	ng/u1	0.00
60) Fluorene-d10	15.421	176	420925	11.227	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	36748	5.252	ng/u1	0.00
73) Anthracene-d10	17.263	188	634331	10.790	ng/u1	-0.01
81) Pyrene-d10	19.551	212	663434	10.531	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.180	264	560107	8.526	ng/u1	-0.01
Target Compounds						
72) Phenanthrene	17.210	178	87782	1.252	ng/u1	Qvalue 99
80) Fluoranthene	19.221	202	149941m	2.021	ng/u1	
82) Pyrene	19.580	202	117105	1.418	ng/u1#	95
85) Benzo(a)anthracene	21.374	228	94881	1.221	ng/u1	96
87) Chrysene	21.433	228	101241m	1.336	ng/u1	
90) Benzo(b)fluoranthene	23.444	252	164778	2.087	ng/u1	94

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

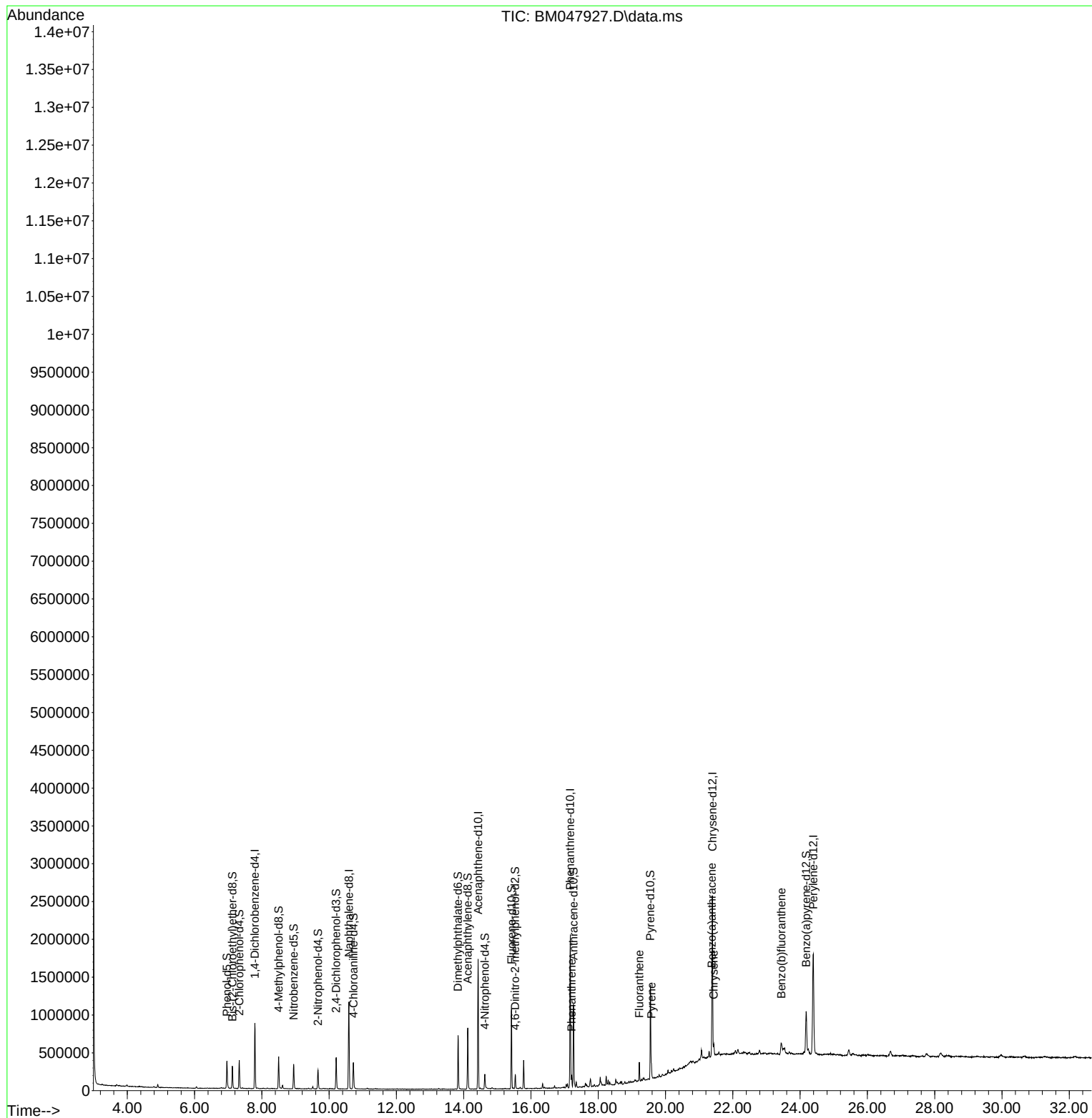
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047927.D
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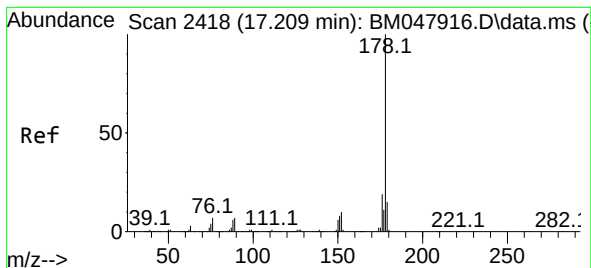
Instrument :
BNA_M
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Quant Time: Oct 09 02:14:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
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#72

Phenanthrene

Concen: 1.252 ng/ul

RT: 17.210 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM047927.D

Acq: 09 Oct 2024 00:20

Instrument :

BNA_M

ClientSampleId :

A4EL7

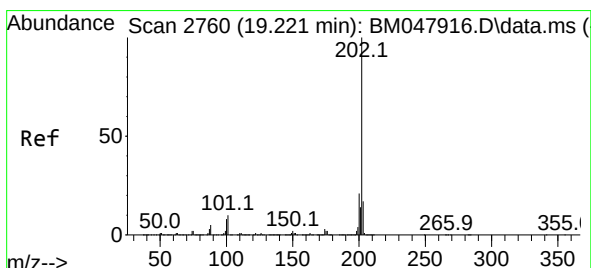
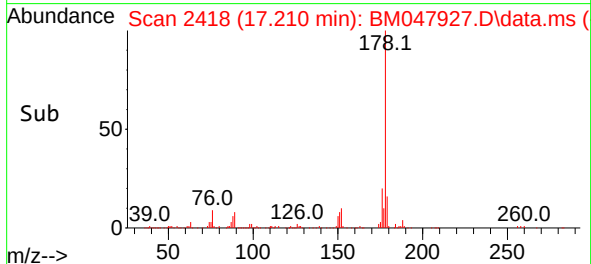
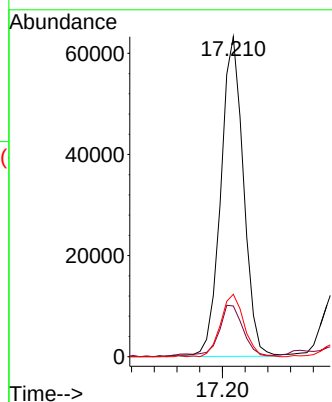
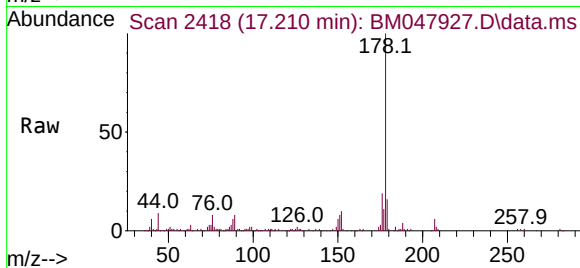
Tgt Ion:178	Resp: 8778
Ion Ratio	Lower Upper
178 100	
179 15.9	12.0 18.0
176 19.5	15.4 23.0

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#80

Fluoranthene

Concen: 2.021 ng/ul m

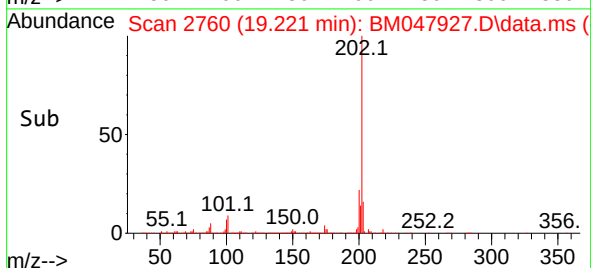
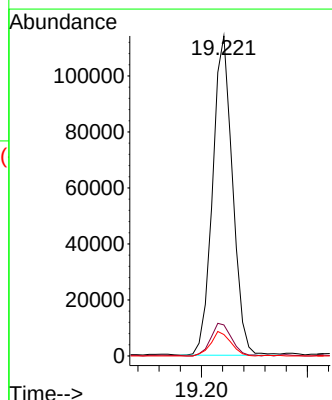
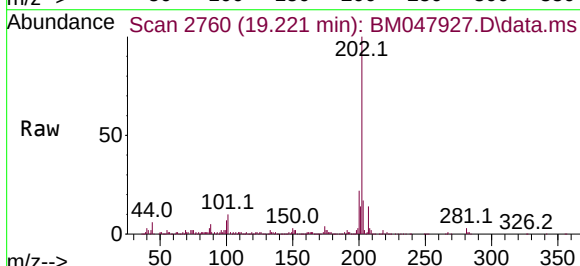
RT: 19.221 min Scan# 2760

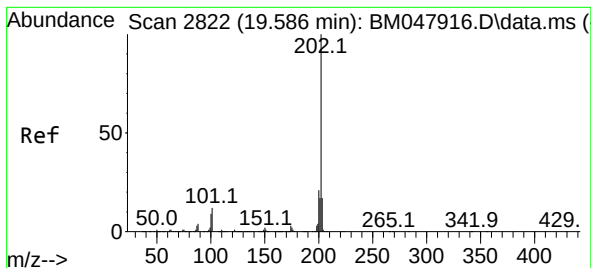
Delta R.T. -0.006 min

Lab File: BM047927.D

Acq: 09 Oct 2024 00:20

Tgt Ion:202	Resp: 149941
Ion Ratio	Lower Upper
202 100	
101 9.7	9.0 13.4
100 6.7	6.8 10.2





#82

Pyrene

Concen: 1.418 ng/ul

RT: 19.580 min Scan# 2822

Delta R.T. -0.006 min

Lab File: BM047927.D

Acq: 09 Oct 2024 00:20

Instrument :

BNA_M

ClientSampleId :

A4EL7

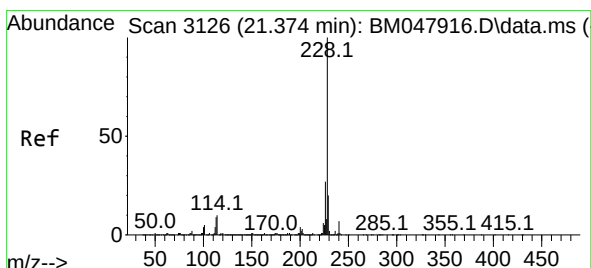
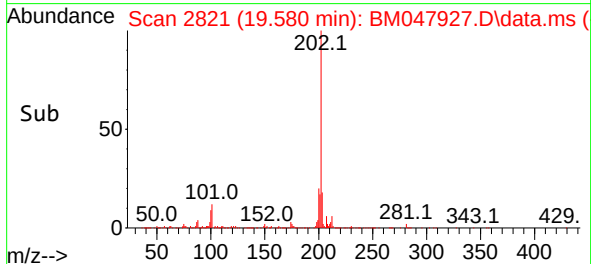
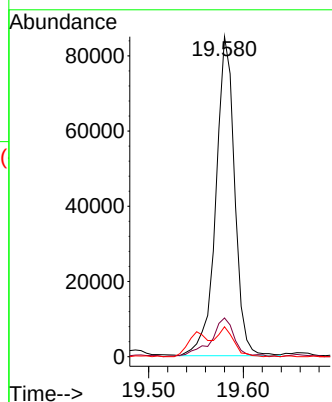
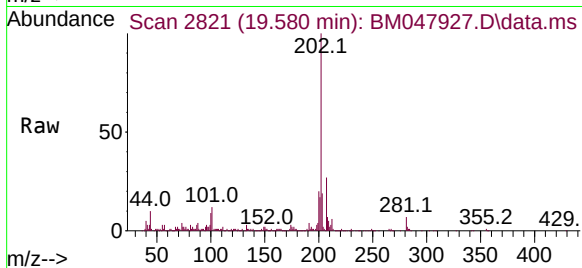
Tgt Ion:	202	Resp:	11710
Ion Ratio	Lower	Upper	
202	100		
101	12.1	10.9	16.3
100	9.3	9.4	14.2

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#85

Benzo(a)anthracene

Concen: 1.221 ng/ul

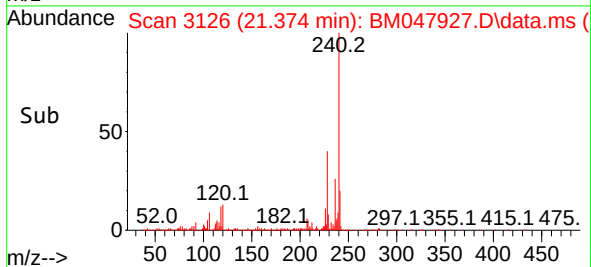
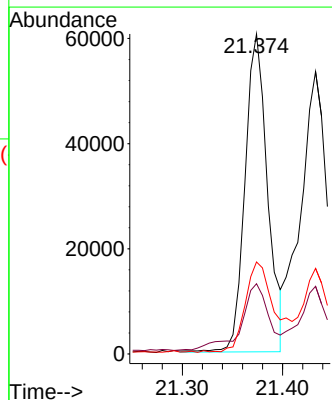
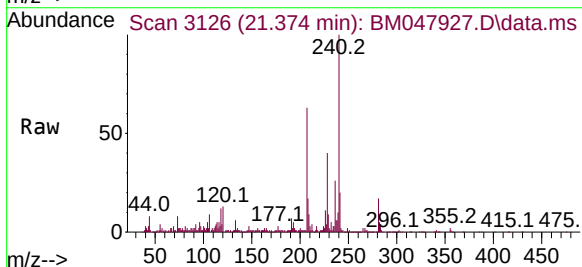
RT: 21.374 min Scan# 3126

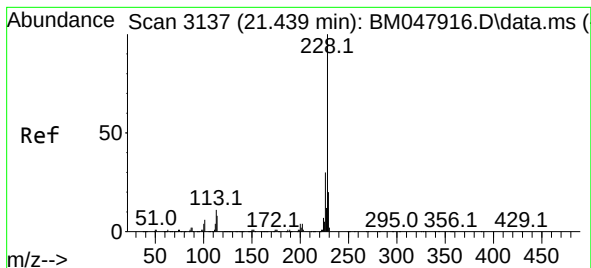
Delta R.T. -0.006 min

Lab File: BM047927.D

Acq: 09 Oct 2024 00:20

Tgt Ion:	228	Resp:	94881
Ion Ratio	Lower	Upper	
228	100		
229	22.0	15.6	23.4
226	28.8	21.9	32.9





#87

Chrysene

Concen: 1.336 ng/ul m

RT: 21.433 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BM047927.D

Acq: 09 Oct 2024 00:20

Instrument :

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A4EL7

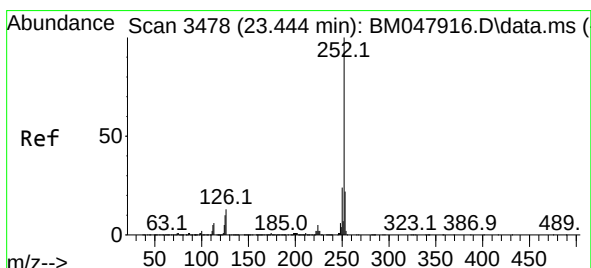
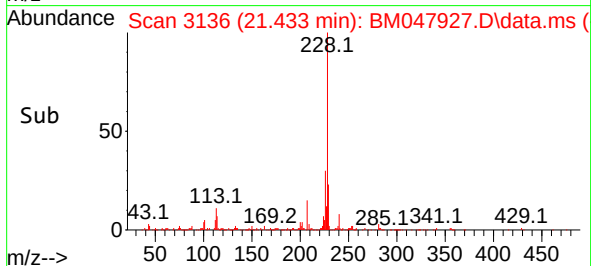
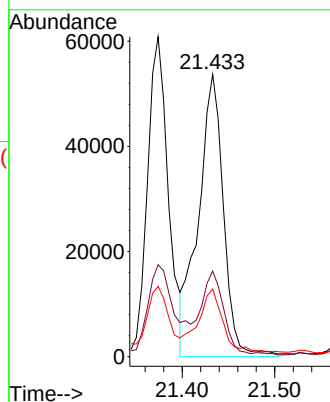
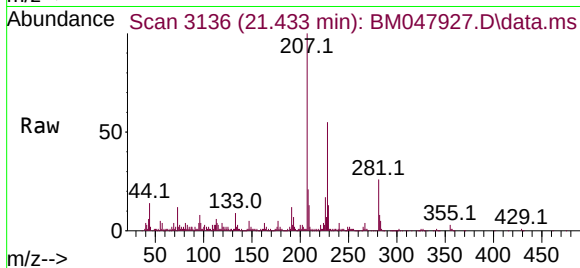
Tgt Ion:228	Resp: 10124
Ion Ratio	Lower Upper
228 100	
226 30.3	23.6 35.4
229 23.9	15.3 22.9

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Supervised By :mohammad ahmed 10/11/2024



#90

Benzo(b)fluoranthene

Concen: 2.087 ng/ul

RT: 23.444 min Scan# 3478

Delta R.T. -0.006 min

Lab File: BM047927.D

Acq: 09 Oct 2024 00:20

Tgt Ion:252	Resp: 164778
Ion Ratio	Lower Upper
252 100	
253 25.5	17.4 26.2
125 11.9	9.0 13.4

