

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
 Data File : BP021021.D
 Acq On : 17 Jul 2024 17:23
 Operator : MA/JU
 Sample : P3215-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4D25

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 17:54:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	159915	20.000	ng/u1	0.00
20) Naphthalene-d8	10.446	136	697935	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	483214	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.128	188	1045166	20.000	ng/u1	0.01
79) Chrysene-d12	21.563	240	963066	20.000	ng/u1	0.01
88) Perylene-d12	24.874	264	1096210	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	9847	2.802	ng/uL	0.00
4) Pyridine-d5	3.658	84	136971	13.463	ng/u1	0.00
7) Phenol-d5	6.887	99	225667	17.309	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	140227	17.748	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	198331	18.464	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	205558	18.984	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	95582	17.632	ng/u1	0.02
24) 2-Nitrophenol-d4	9.540	143	110649	17.833	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	203991	18.182	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	270752	18.216	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	708881	20.180	ng/u1	0.00
49) Acenaphthylene-d8	13.999	160	801109	20.311	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	81517m	16.310	ng/u1	0.03
60) Fluorene-d10	15.322	176	634063	22.002	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	68650	10.856	ng/u1	0.02
73) Anthracene-d10	17.222	188	1007577	21.705	ng/u1	0.00
81) Pyrene-d10	19.604	212	1160040	19.483	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.645	264	1162412	21.500	ng/u1	0.04
Target Compounds					Qvalue	
80) Fluoranthene	19.257	202	182134	2.533	ng/u1	99
82) Pyrene	19.634	202	171248	2.340	ng/u1	98
85) Benzo(a)anthracene	21.545	228	89212	1.322	ng/u1#	92
87) Chrysene	21.610	228	100667	1.606	ng/u1#	95
90) Benzo(b)fluoranthene	23.827	252	113482	1.706	ng/u1#	84
93) Benzo(a)pyrene	24.721	252	80303	1.277	ng/u1#	86

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

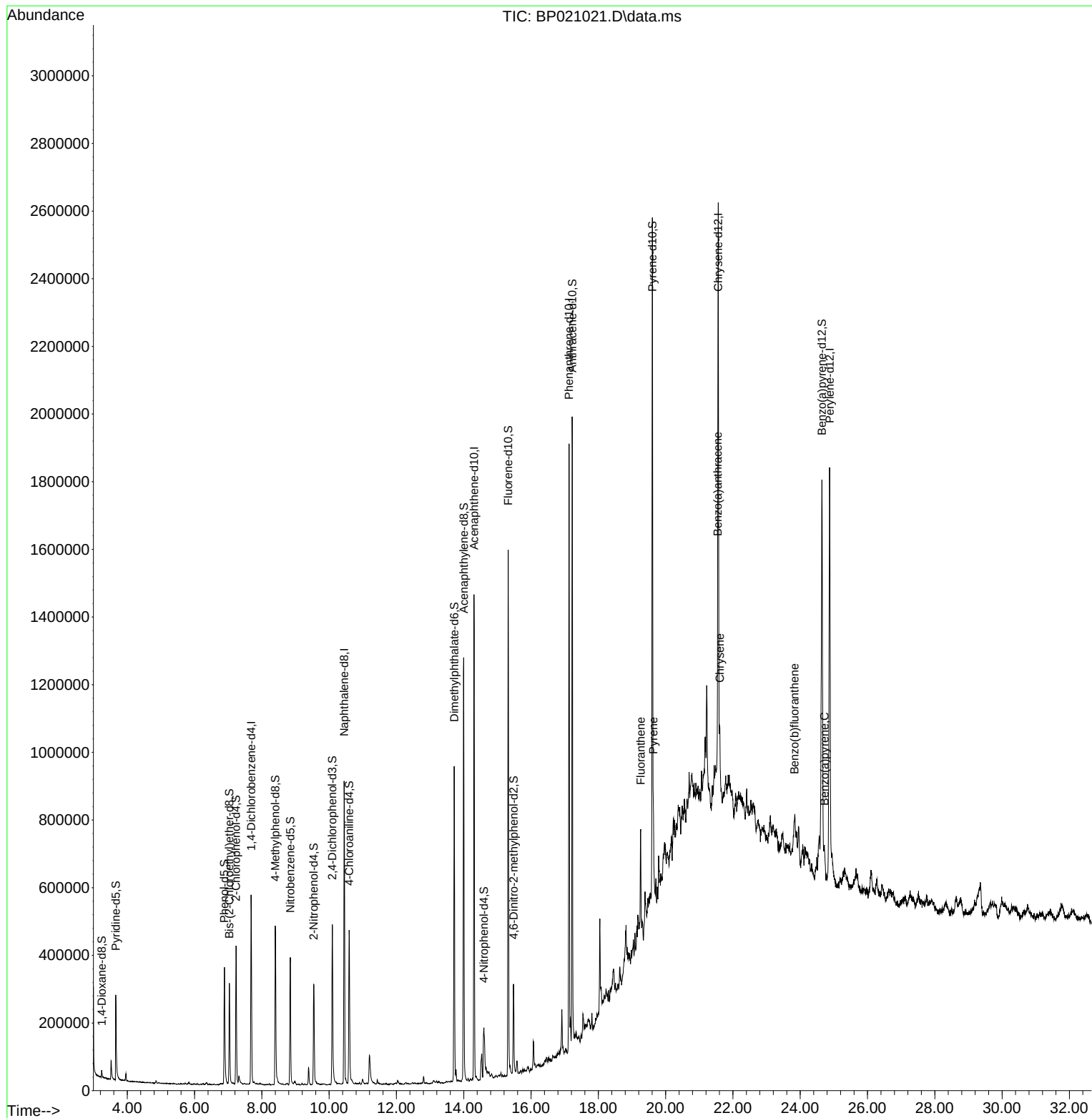
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
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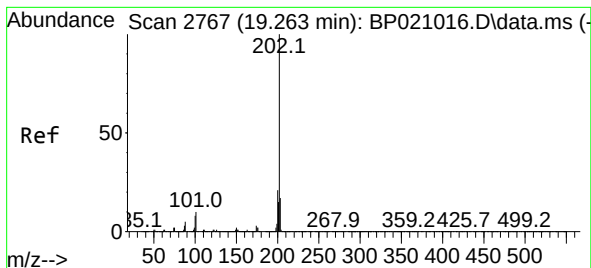
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration





#80

Fluoranthene

Concen: 2.533 ng/u1

RT: 19.257 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021021.D

Acq: 17 Jul 2024 17:23

Instrument :

BNA_P

ClientSampleId :

A4D25

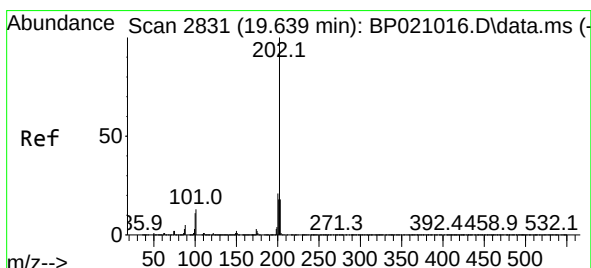
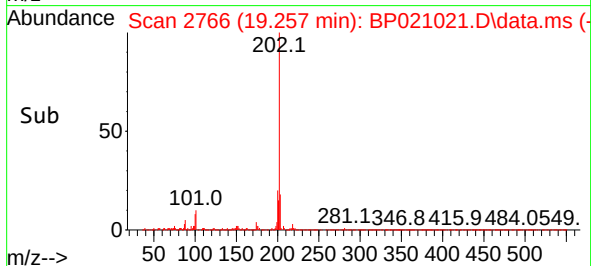
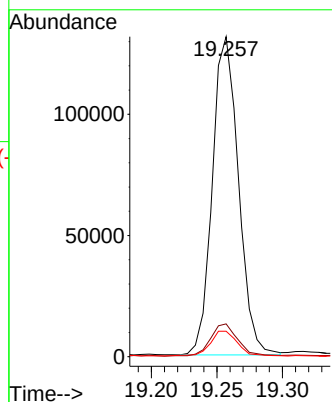
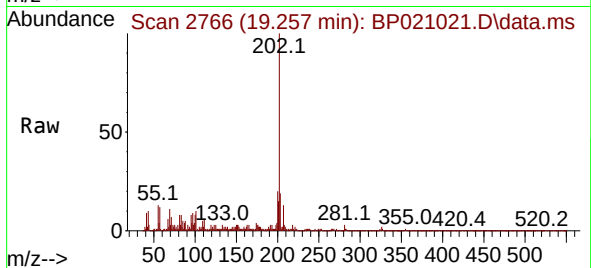
Tgt Ion:202 Resp: 182134
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.0 12.0
 100 8.0 6.1 9.1

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#82

Pyrene

Concen: 2.340 ng/u1

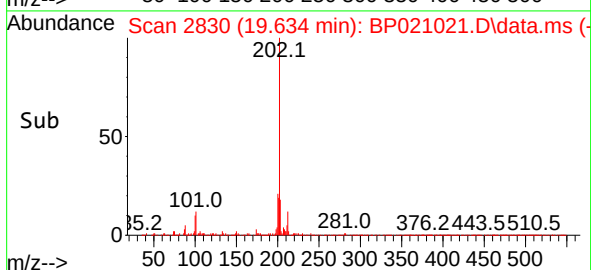
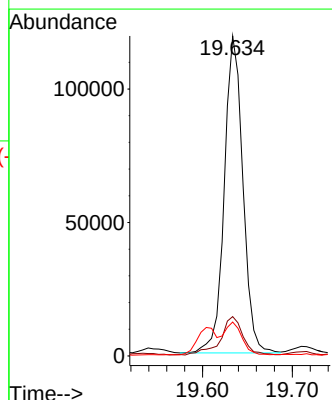
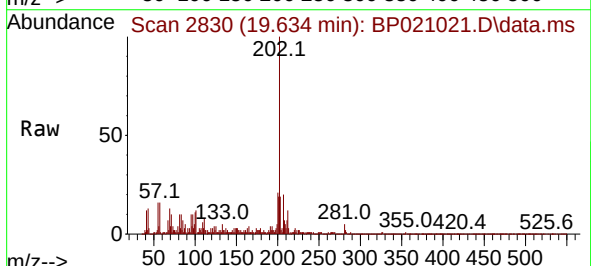
RT: 19.634 min Scan# 2830

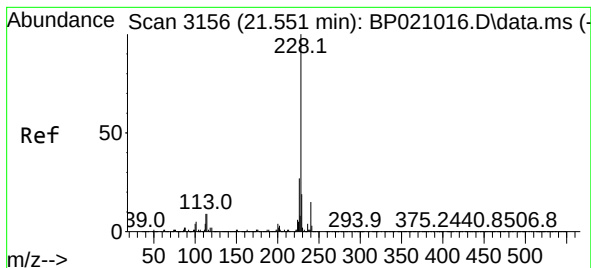
Delta R.T. 0.006 min

Lab File: BP021021.D

Acq: 17 Jul 2024 17:23

Tgt Ion:202 Resp: 171248
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.4 14.2
 100 10.6 7.8 11.6





#85

Benzo(a)anthracene

Concen: 1.322 ng/ul

RT: 21.545 min Scan# 3155

Delta R.T. 0.012 min

Lab File: BP021021.D

Acq: 17 Jul 2024 17:23

Instrument :

BNA_P

ClientSampleId :

A4D25

Tgt Ion:228 Resp: 8921

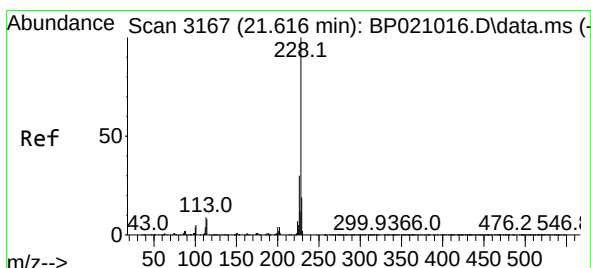
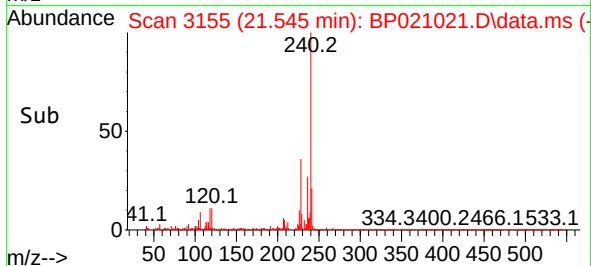
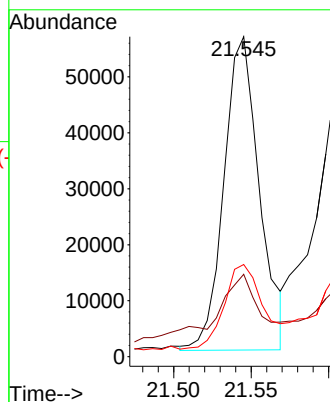
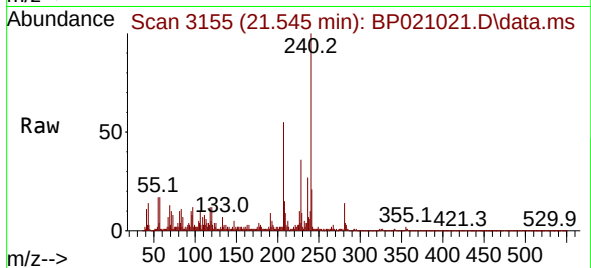
Ion	Ratio	Lower	Upper
228	100		
229	25.7	15.5	23.3
226	28.8	21.4	32.2

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#87

Chrysene

Concen: 1.606 ng/ul

RT: 21.610 min Scan# 3166

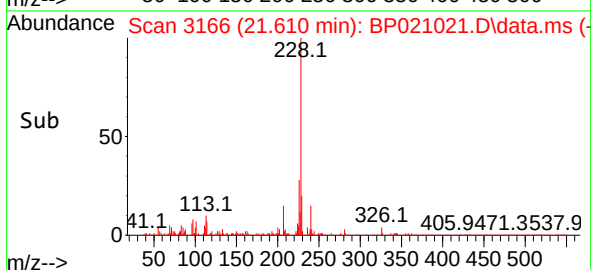
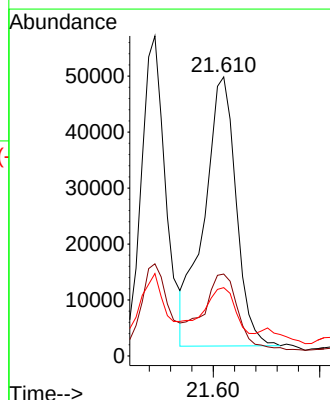
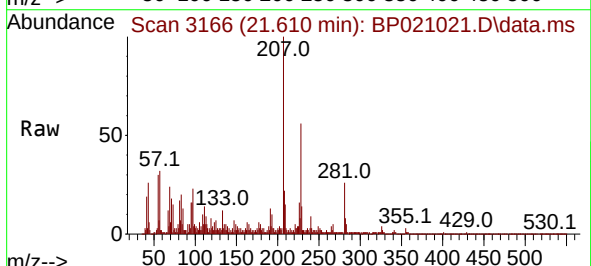
Delta R.T. 0.012 min

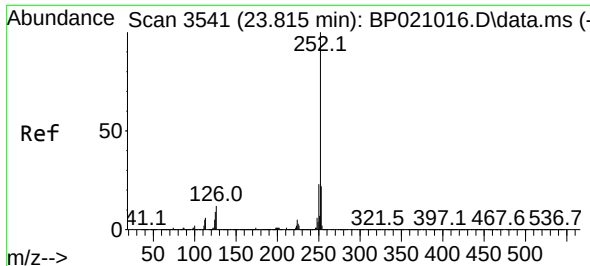
Lab File: BP021021.D

Acq: 17 Jul 2024 17:23

Tgt Ion:228 Resp: 100667

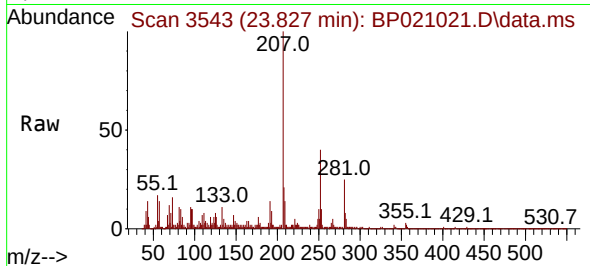
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.6	35.4
229	24.5	15.5	23.3





#90
Benzo(b)fluoranthene
Concen: 1.706 ng/u1
RT: 23.827 min Scan# 31
Delta R.T. 0.047 min
Lab File: BP021021.D
Acq: 17 Jul 2024 17:23

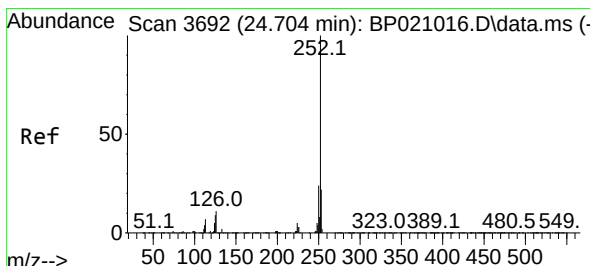
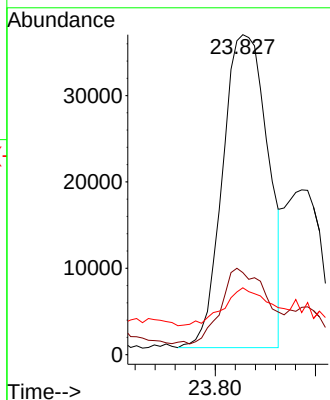
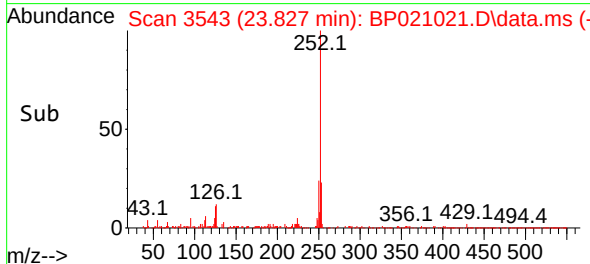
Instrument :
BNA_P
ClientSampleId :
A4D25



Tgt Ion:252 Resp: 11348
Ion Ratio Lower Upper
252 100
253 25.6 17.1 25.7
125 20.9 7.0 10.4

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Supervised By :mohammad ahmed 07/19/2024



#93
Benzo(a)pyrene
Concen: 1.277 ng/u1
RT: 24.721 min Scan# 3695
Delta R.T. 0.053 min
Lab File: BP021021.D
Acq: 17 Jul 2024 17:23

Tgt Ion:252 Resp: 80303
Ion Ratio Lower Upper
252 100
253 26.1 17.4 26.0#
125 18.2 7.7 11.5#

