Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029390.D
Acq On : 08 Apr 2021 02:54
Operator : CG/JU
Sample : M1957-02
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B11

Quant Time: Apr 08 06:14:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 08 03:12:50 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	132142	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	514684	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	318245	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	596386	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	401614	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	361052	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
70) Phenanthrene	17.10	178	39985	1.165	ng/ul	96
77) Fluoranthene	19.12	202	64087	1.649	ng/ul	99
80) Pyrene	19.48	202	33936	1.276	ng/ul	99
85) Chrysene	21.27	228	28840	1.165	ng/ul	95
88) Benzo(b)fluoranthene	22.79	252	28598	1.230	ng/ul#	90

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

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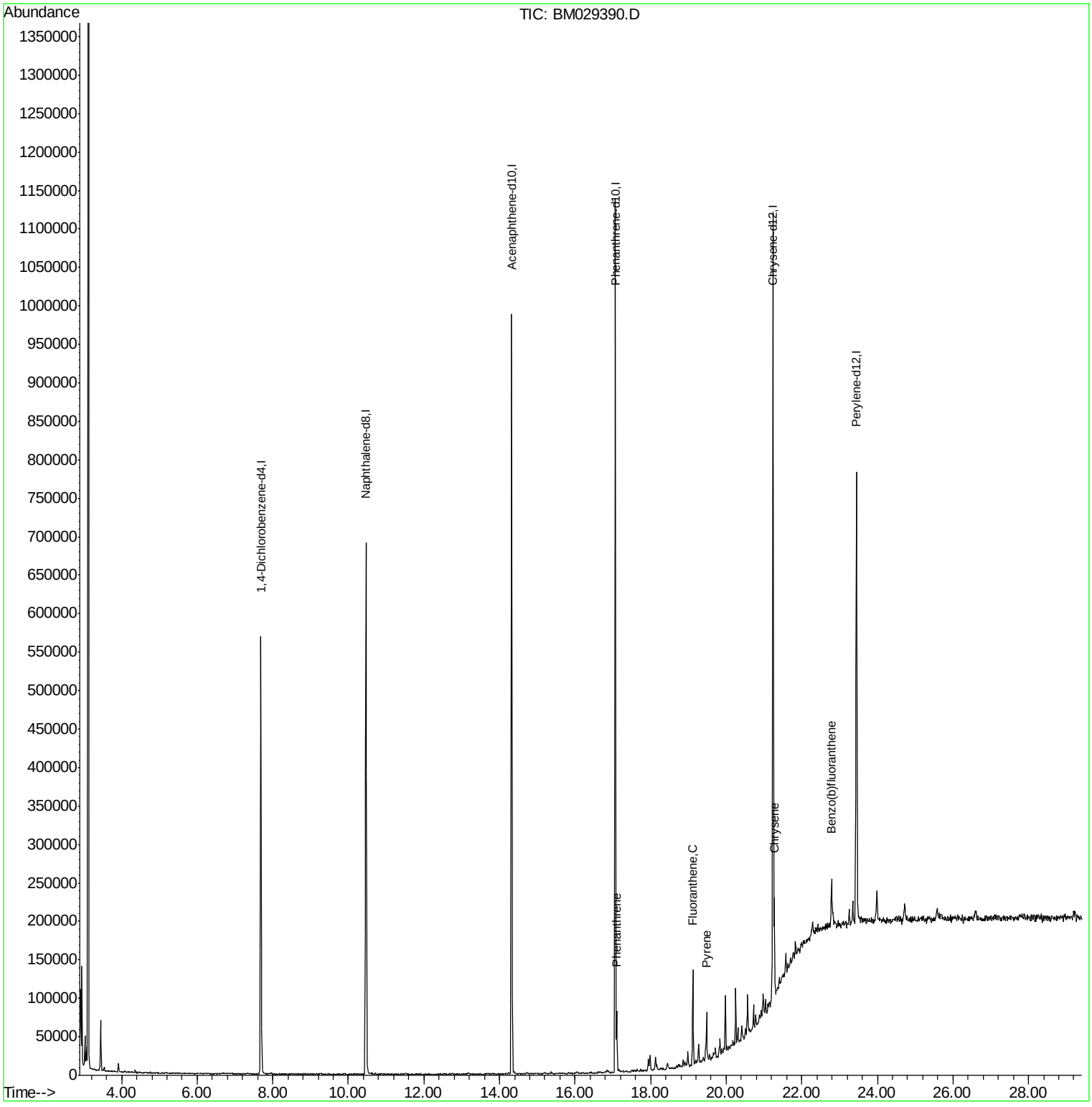
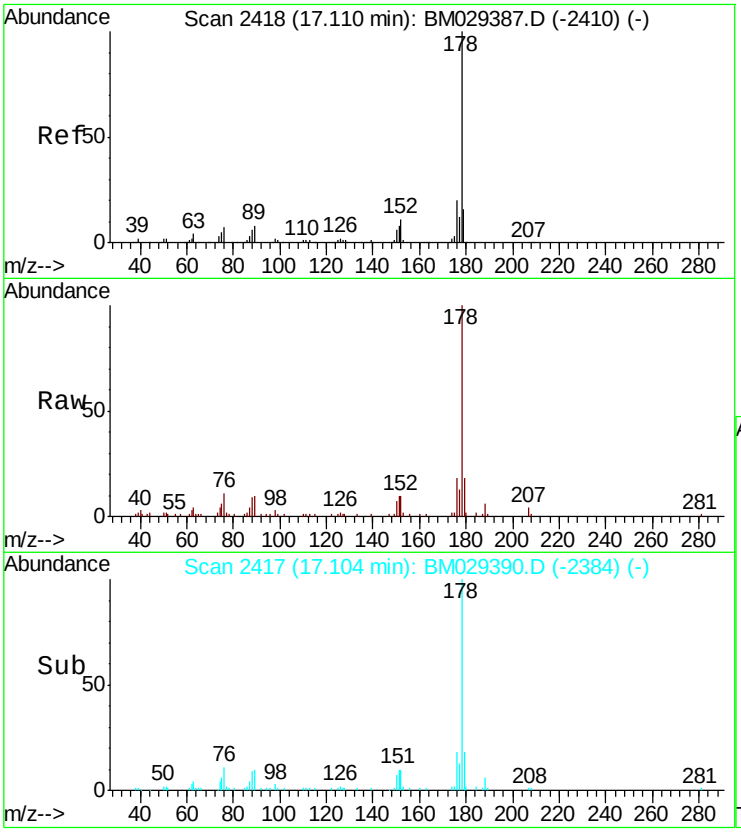


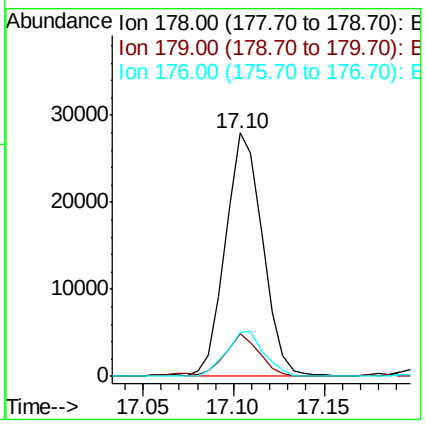


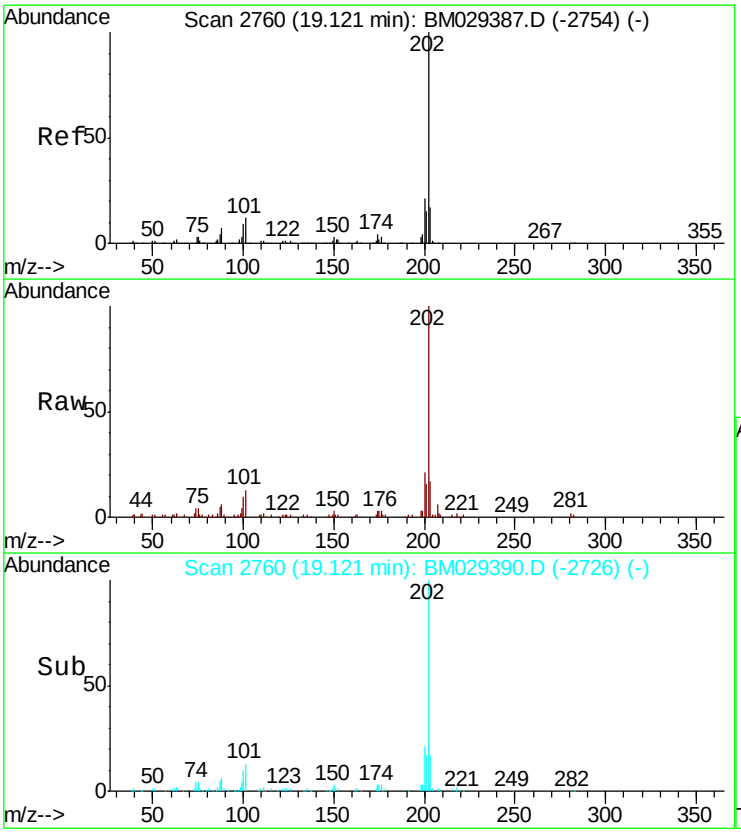
#70
Phenanthrene
Concen: 1.165 ng/ul
RT: 17.10 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM029390.D
Acq: 08 Apr 2021 02:54

Instrument :
BNA_M
ClientSampleId :
C0B11

Tgt Ion:178 Resp: 39985

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.2	18.2
176	18.3	15.4	23.2

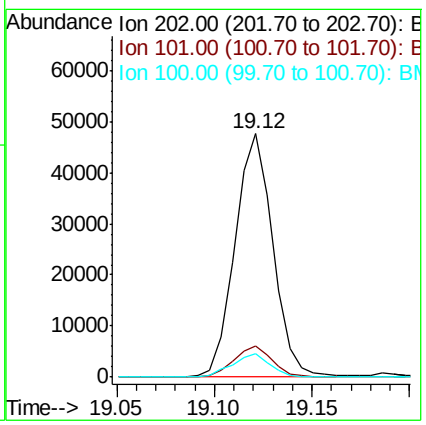


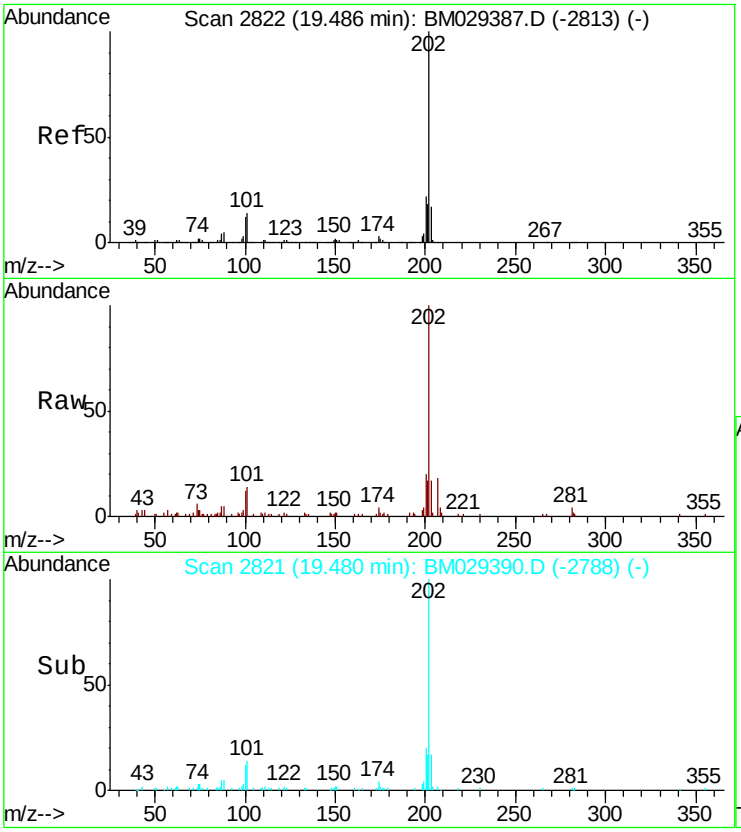


#77
Fluoranthene
Concen: 1.649 ng/ul
RT: 19.12 min Scan# 2760
Delta R.T. -0.00 min
Lab File: BM029390.D
Acq: 08 Apr 2021 02:54

Tgt Ion:202 Resp: 64087

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.8	14.6
100	9.6	7.4	11.0



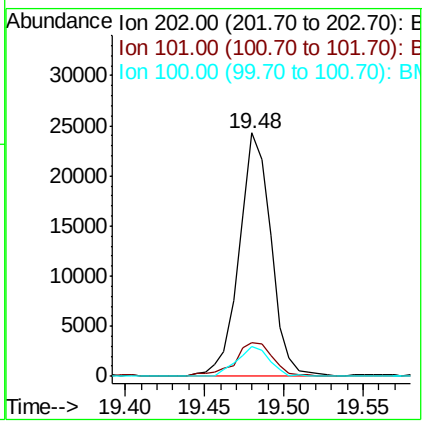


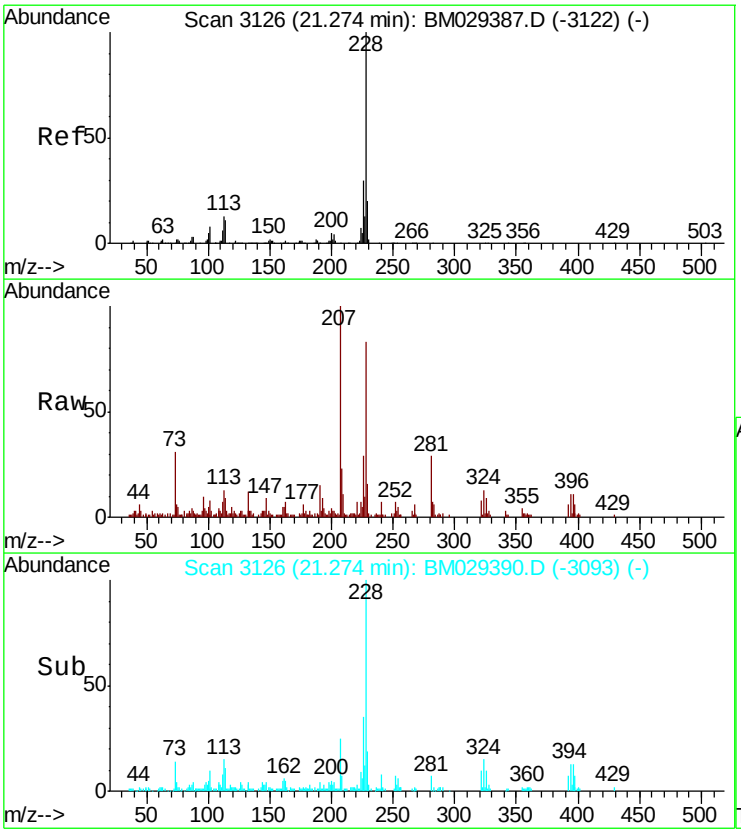
#80
Pyrene
Concen: 1.276 ng/ul
RT: 19.48 min Scan# 2821
Delta R.T. -0.01 min
Lab File: BM029390.D
Acq: 08 Apr 2021 02:54

Instrument :
BNA_M
ClientSampleId :
C0B11

Tgt Ion:202 Resp: 33936

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.0	16.6
100	12.4	9.5	14.3

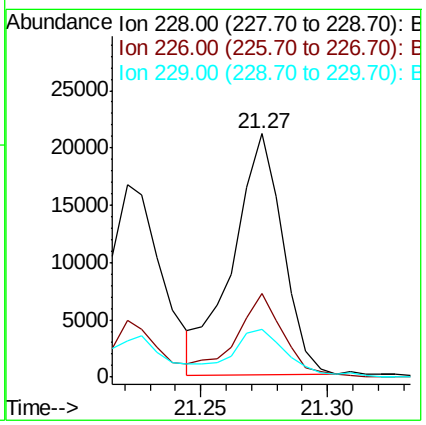


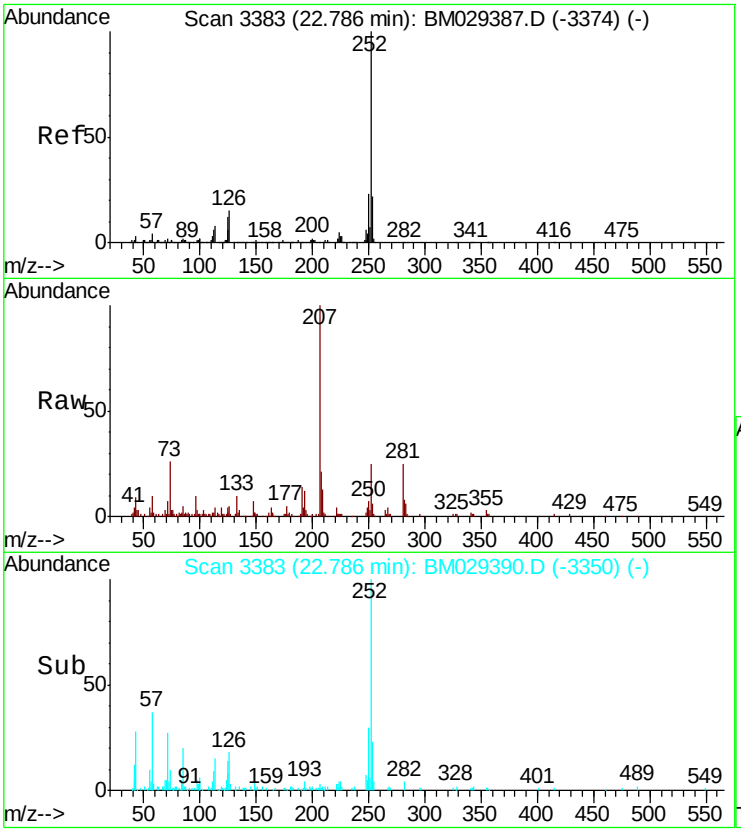


#85
Chrysene
Concen: 1.165 ng/ul
RT: 21.27 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BM029390.D
Acq: 08 Apr 2021 02:54

Tgt Ion:228 Resp: 28840

Ion	Ratio	Lower	Upper
228	100		
226	34.5	24.0	36.0
229	19.5	15.4	23.0





#88
Benzo(b)fluoranthene
Concen: 1.230 ng/ul
RT: 22.79 min Scan# 3383
Delta R.T. -0.01 min
Lab File: BM029390.D
Acq: 08 Apr 2021 02:54

Instrument :
BNA_M
ClientSampleId :
C0B11

Tgt Ion:252 Resp: 28598

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.2	25.8
125	16.3	8.8	13.2#