Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024784.D
Acq On : 08 Feb 2020 05:29
Operator : CG/JU
Sample : L1400-04
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6H0

Quant Time: Feb 10 00:10:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	306444	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1195392	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	797857	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1745854	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1763230	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1826597	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	25106	3.94	ng/uL	0.00
5) Phenol-d5	6.60	99	371434	18.25	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	253934	22.09	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	349783	19.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	326489	19.01	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	187456	21.69	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	214625	21.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	371392	18.03	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	464378	24.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1384418	22.99	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1388136	19.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	168124	17.18	ng/ul	0.00
58) Fluorene-d10	15.06	176	1099627	20.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	197991	17.40	ng/ul	0.00
71) Anthracene-d10	16.91	188	1593337	19.99	ng/ul	0.00
79) Pyrene-d10	19.22	212	1704979	19.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1728464	18.84	ng/ul	-0.01
Target Compounds						Qvalue
70) Phenanthrene	16.85	178	203881	2.142	ng/ul	99
77) Fluoranthene	18.88	202	311414	2.665	ng/ul	99
80) Pyrene	19.24	202	247540	2.121	ng/ul	98
83) Benzo(a)anthracene	21.01	228	158094	1.331	ng/ul	97
85) Chrysene	21.06	228	154873	1.324	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	195191	1.681	ng/ul#	98

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

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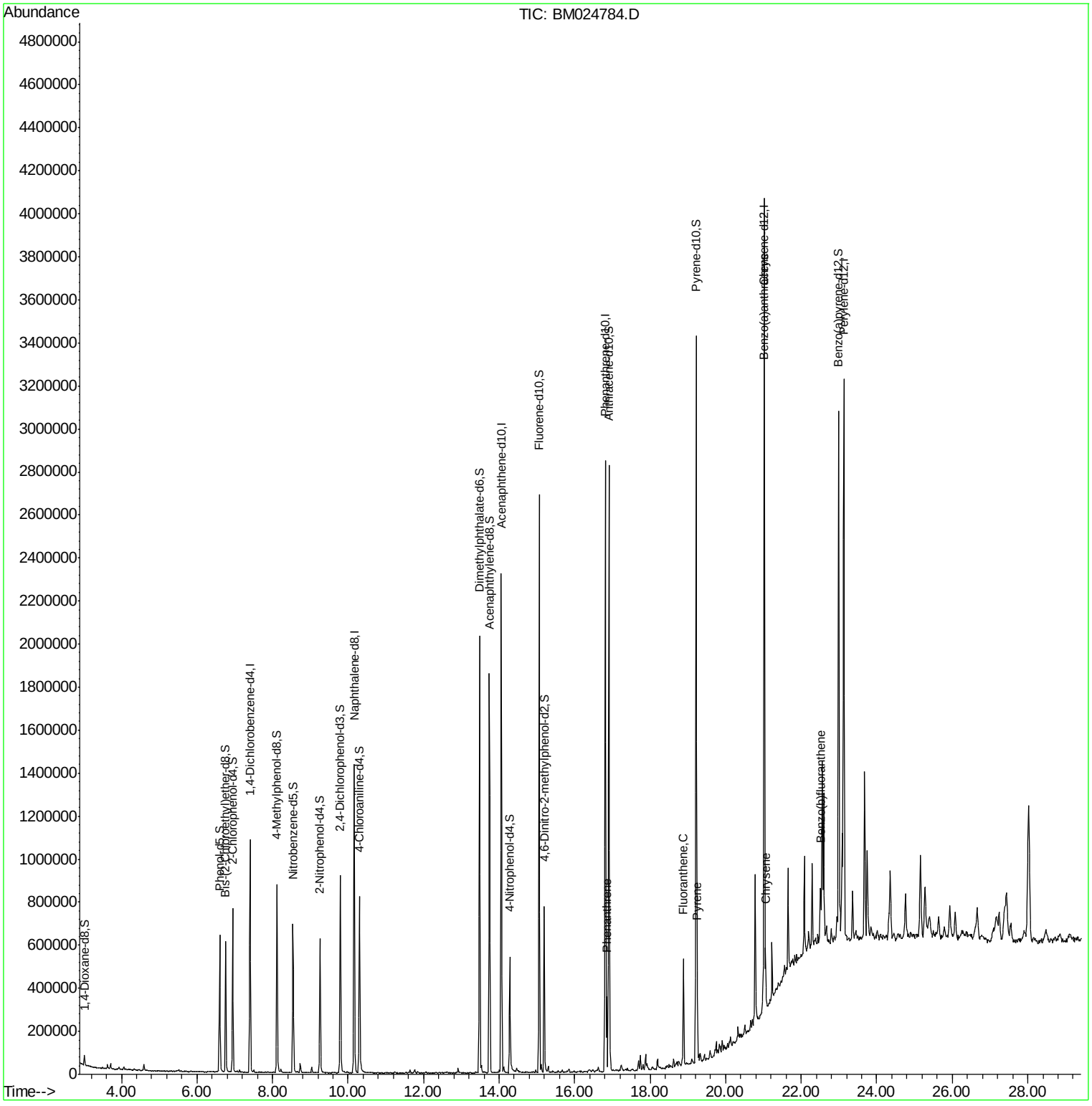
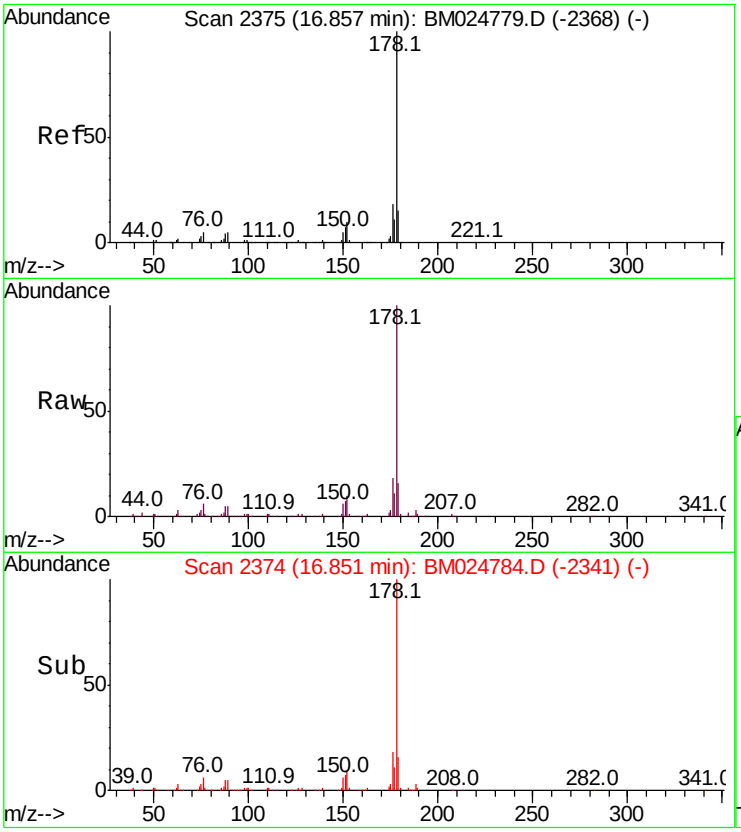


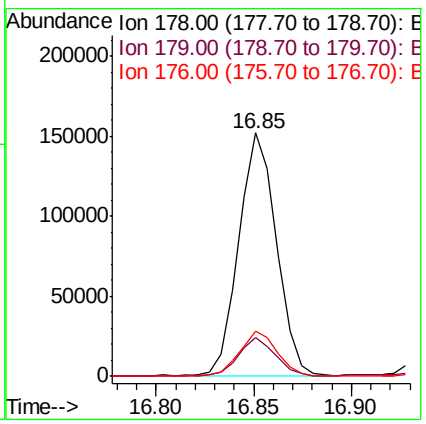


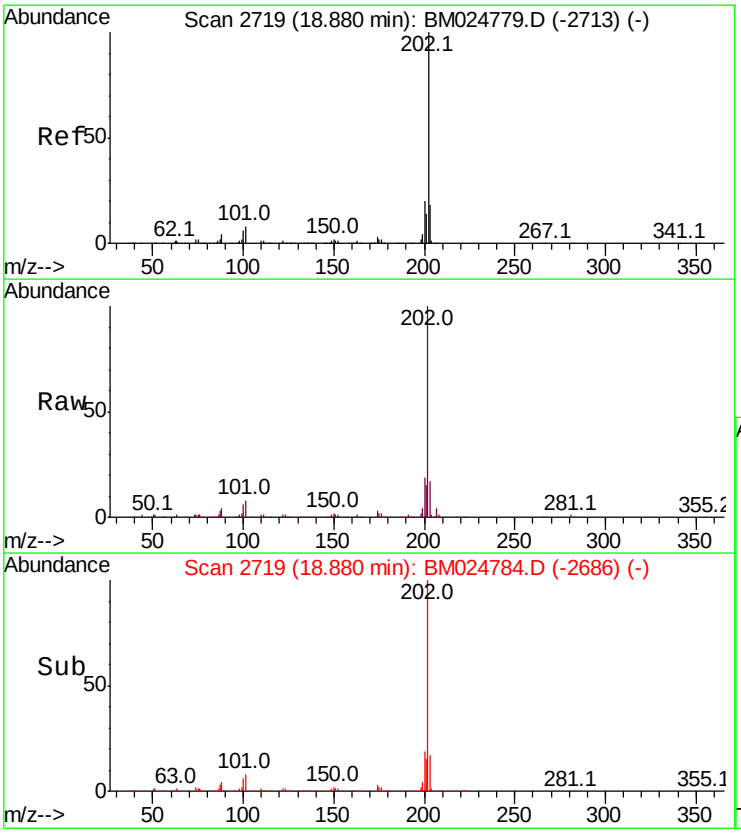
#70
Phenanthrene
Concen: 2.142 ng/ul
RT: 16.85 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM024784.D
Acq: 08 Feb 2020 05:29

Instrument :
BNA_M
ClientSampleId :
CB6H0

Tgt Ion:178 Resp: 203881

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.2
176	18.3	14.5	21.7

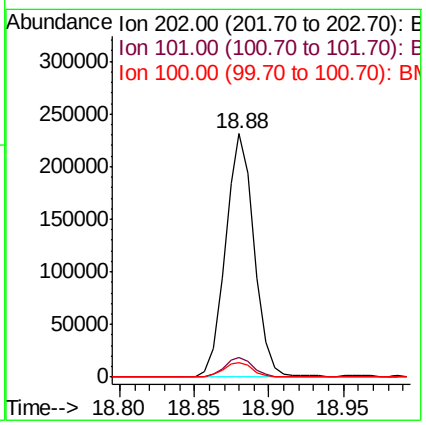


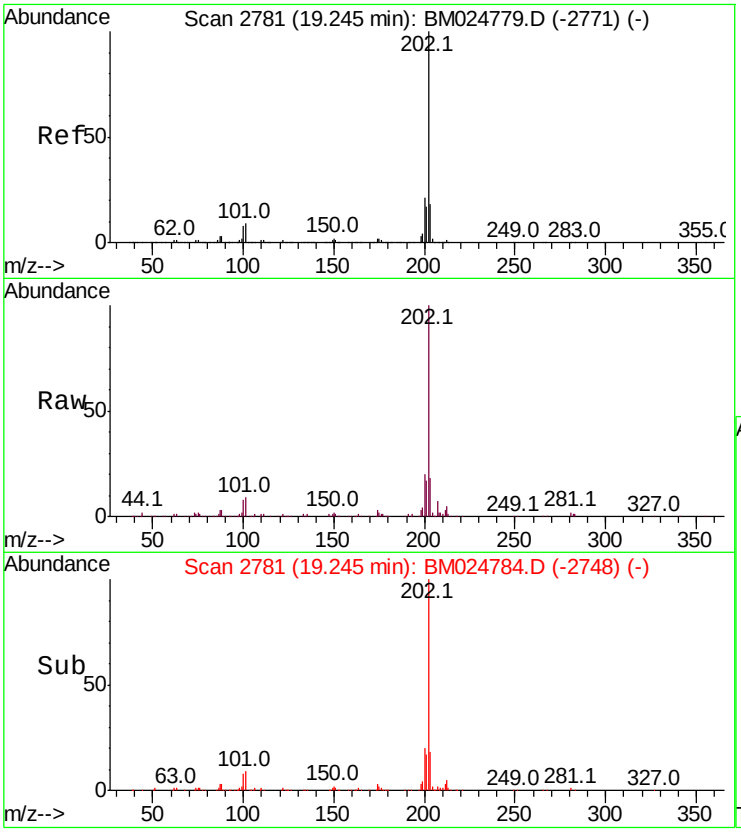


#77
Fluoranthene
Concen: 2.665 ng/ul
RT: 18.88 min Scan# 2719
Delta R.T. -0.01 min
Lab File: BM024784.D
Acq: 08 Feb 2020 05:29

Tgt Ion:202 Resp: 311414

Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.1	9.1
100	5.9	4.8	7.2



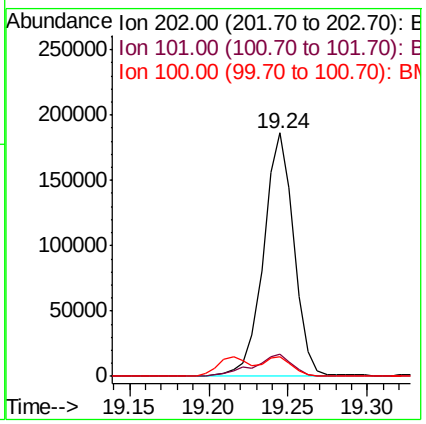


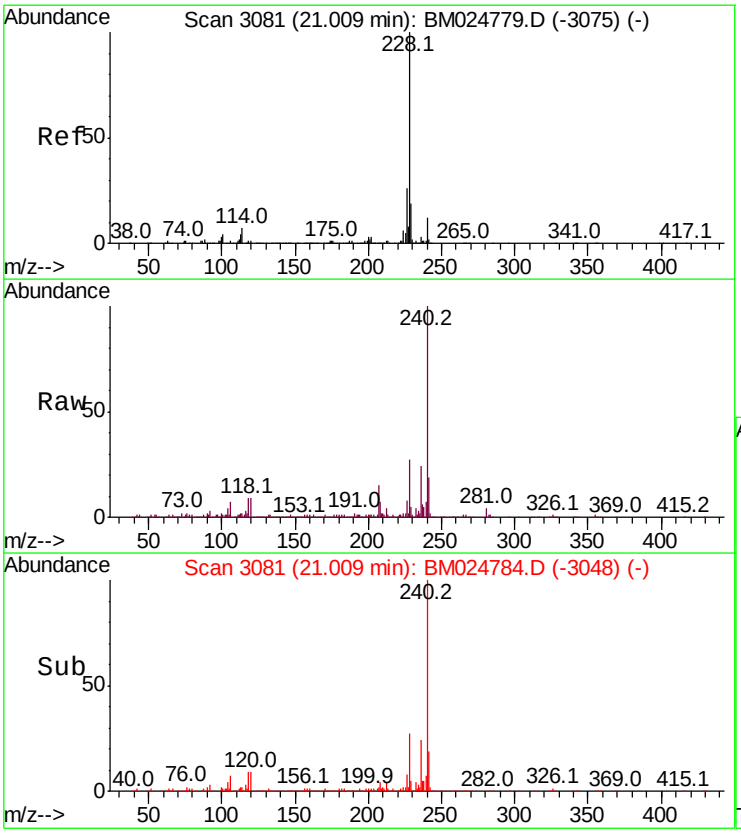
#80
Pyrene
Concen: 2.121 ng/ul
RT: 19.24 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BM024784.D
Acq: 08 Feb 2020 05:29

Instrument :
BNA_M
ClientSampleId :
CB6H0

Tgt Ion:202 Resp: 247540

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.0	10.4
100	8.1	5.8	8.8

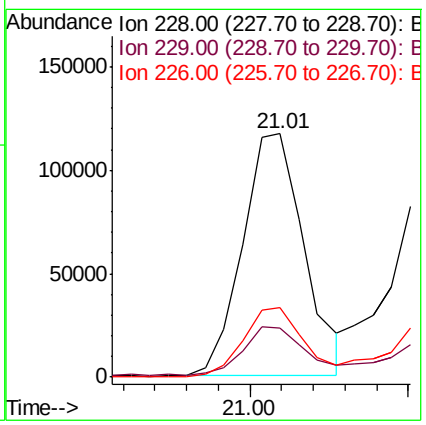


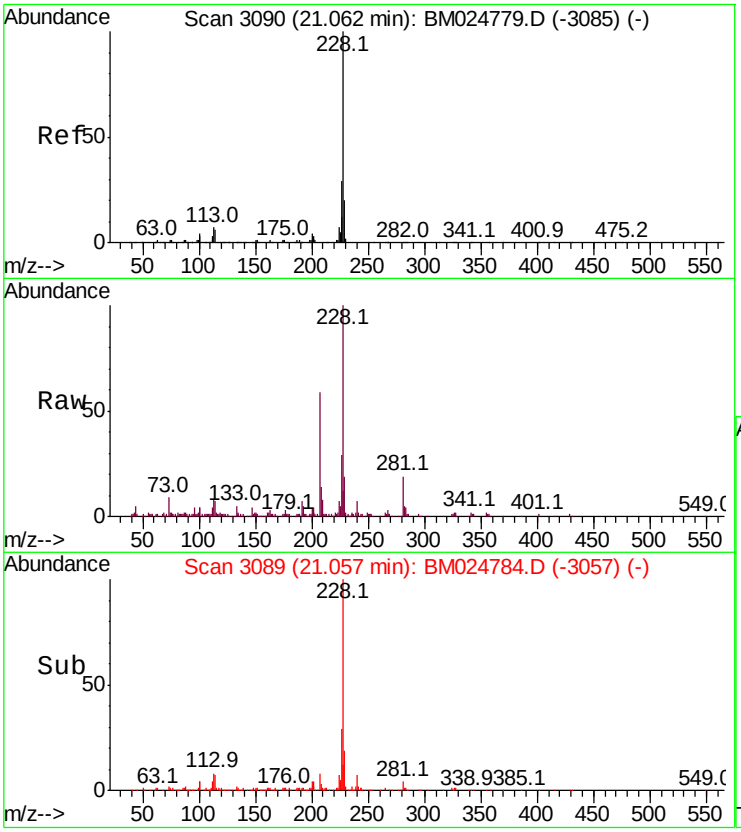


#83
Benzo(a)anthracene
Concen: 1.331 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM024784.D
Acq: 08 Feb 2020 05:29

Tgt Ion:228 Resp: 158094

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.9	23.9
226	28.6	20.8	31.2



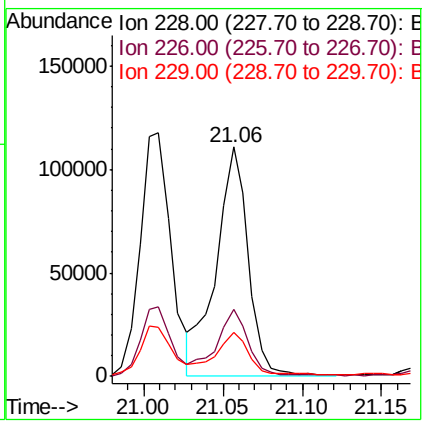


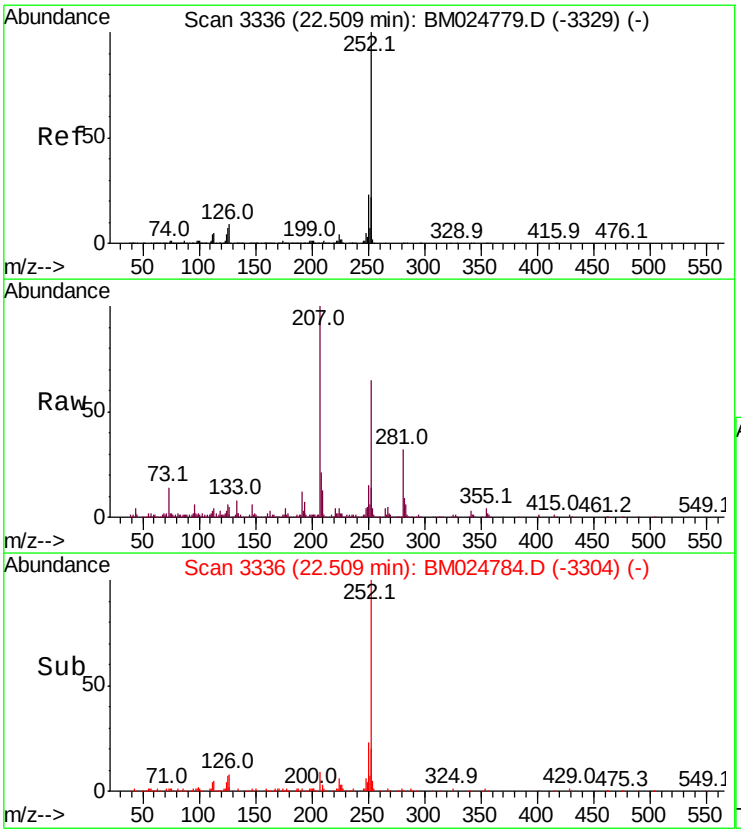
#85
Chrysene
Concen: 1.324 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM024784.D
Acq: 08 Feb 2020 05:29

Instrument :
BNA_M
ClientSampleId :
CB6H0

Tgt Ion:228 Resp: 154873

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.4
229	19.4	15.8	23.8





#88
Benzo(b)fluoranthene
Concen: 1.681 ng/ul
RT: 22.51 min Scan# 3336
Delta R.T. -0.01 min
Lab File: BM024784.D
Acq: 08 Feb 2020 05:29

Tgt Ion:252 Resp: 195191

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	8.5	5.1	7.7#