Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029502.D
Acq On : 15 Apr 2021 14:23
Operator : CG/JU
Sample : M1957-22
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B49

Quant Time: Apr 16 04:16:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 14 17:30:14 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	110292	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	465927	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	287511	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	552061	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	438465	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	389211	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	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	151071	4.753	ng/ul	99
77) Fluoranthene	19.11	202	171747	4.774	ng/ul	97
80) Pyrene	19.47	202	67363	2.320	ng/ul	97
83) Benzo(a)anthracene	21.22	228	55493	2.007	ng/ul	99
85) Chrysene	21.27	228	69801	2.582	ng/ul	98
88) Benzo(b)fluoranthene	22.78	252	44247	1.766	ng/ul#	87

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

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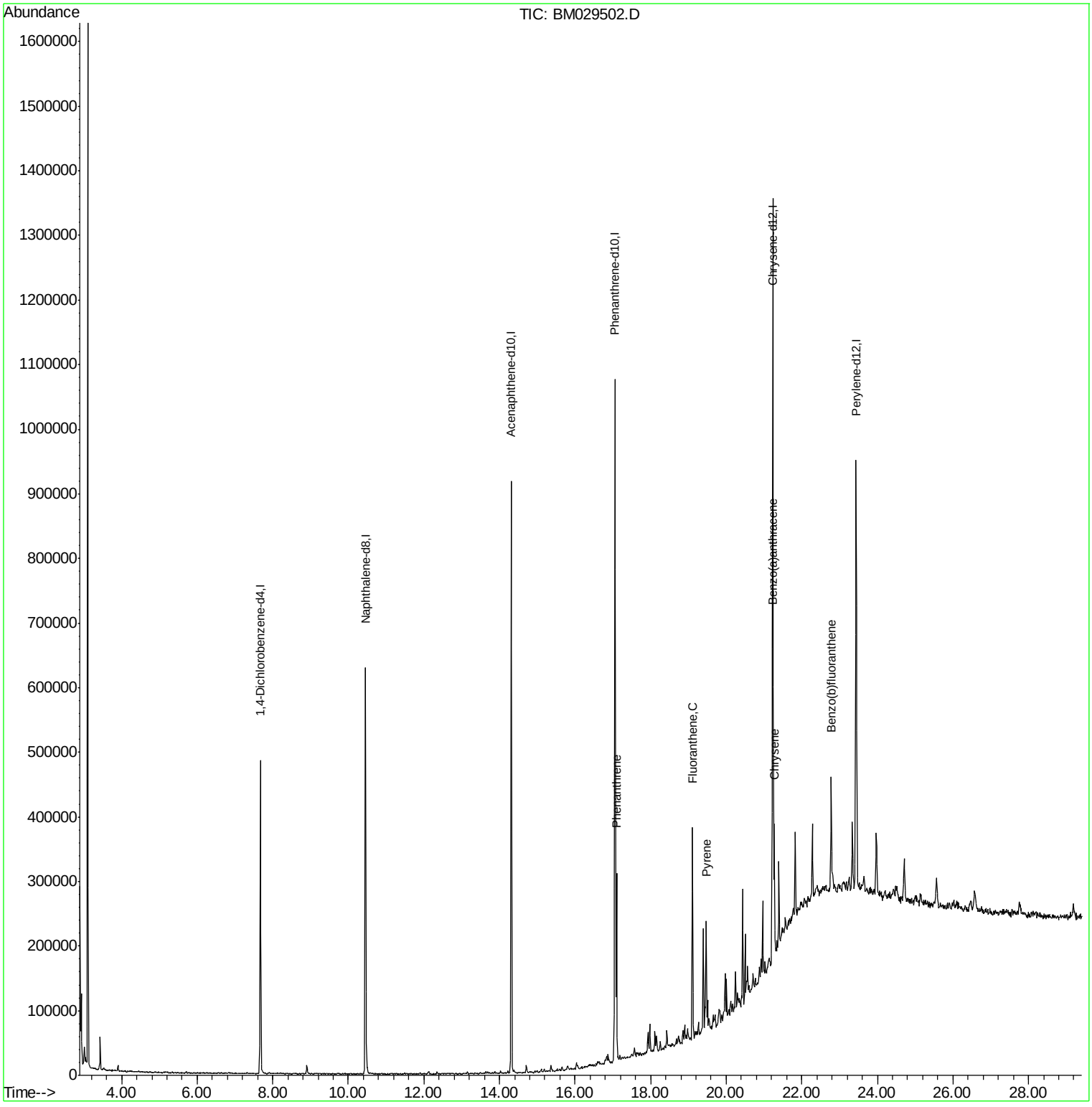
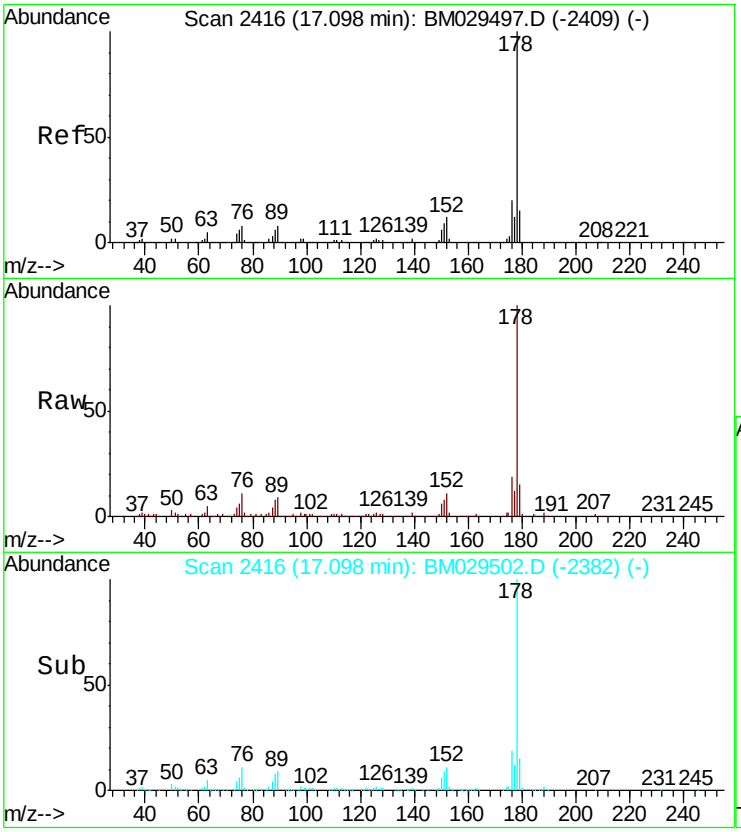


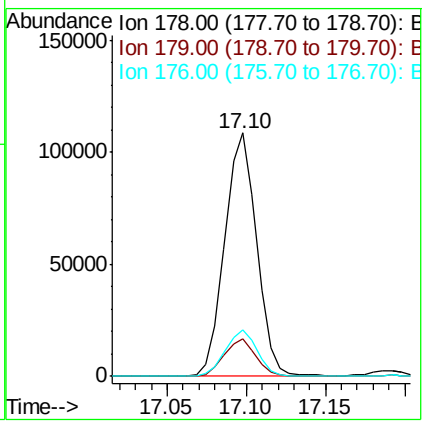


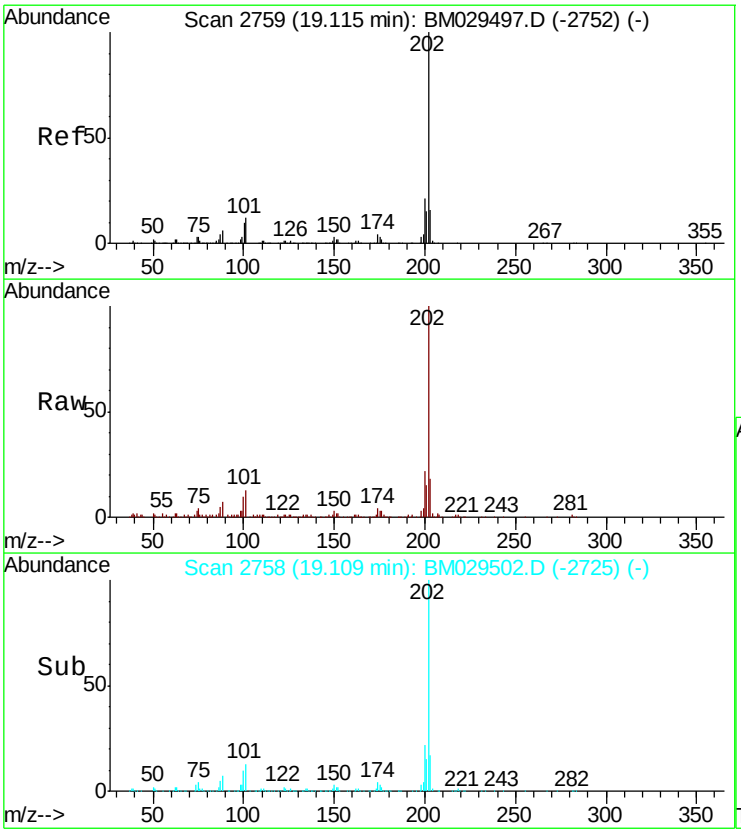
#70
Phenanthrene
Concen: 4.753 ng/ul
RT: 17.10 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BM029502.D
Acq: 15 Apr 2021 14:23

Instrument :
BNA_M
ClientSampleId :
C0B49

Tgt Ion:178 Resp: 151071

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	19.0	15.4	23.2

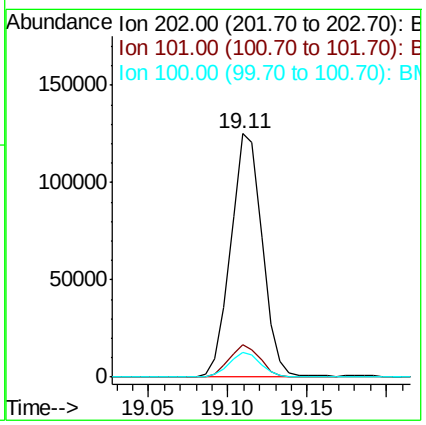


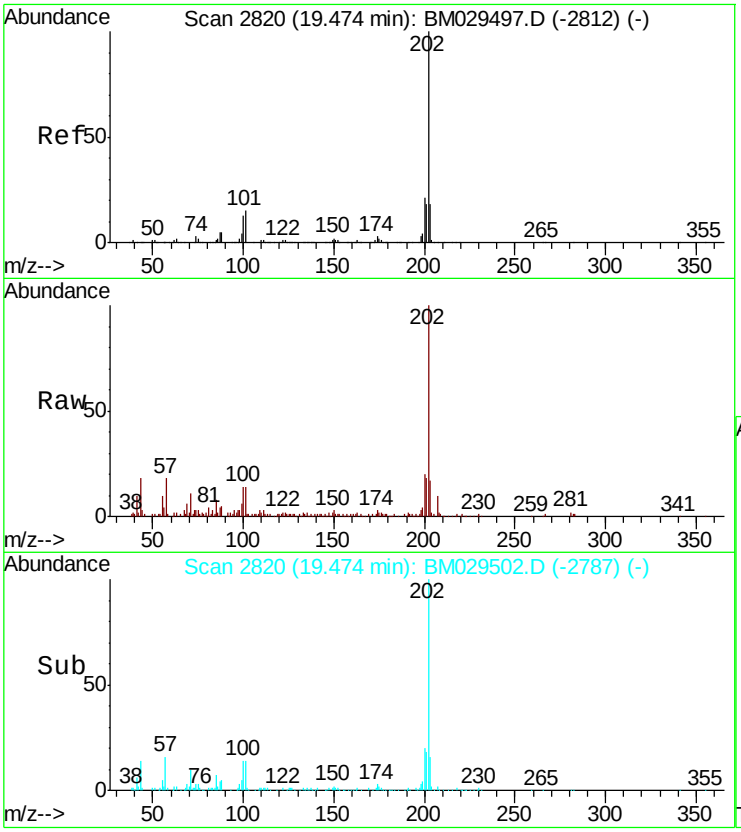


#77
Fluoranthene
Concen: 4.774 ng/ul
RT: 19.11 min Scan# 2758
Delta R.T. -0.01 min
Lab File: BM029502.D
Acq: 15 Apr 2021 14:23

Tgt Ion:202 Resp: 171747

Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.8	14.6
100	10.0	7.4	11.0



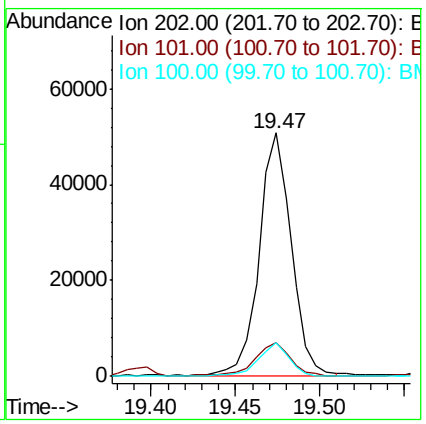


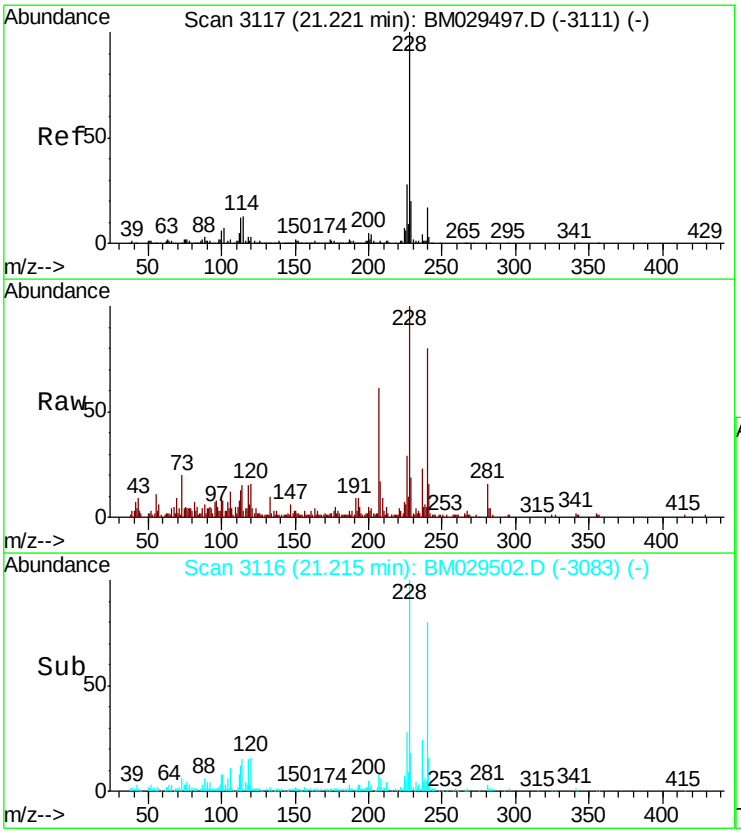
#80
Pyrene
Concen: 2.320 ng/ul
RT: 19.47 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BM029502.D
Acq: 15 Apr 2021 14:23

Instrument :
BNA_M
ClientSampleId :
C0B49

Tgt Ion:202 Resp: 67363

Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.0	16.6
100	14.0	9.5	14.3

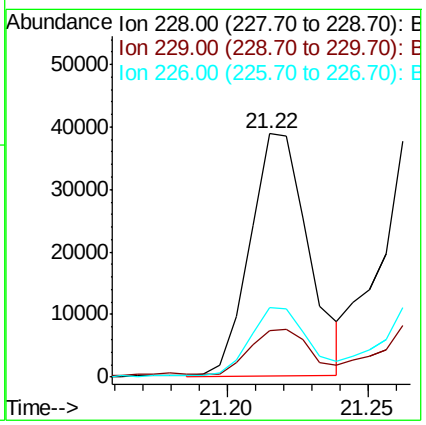


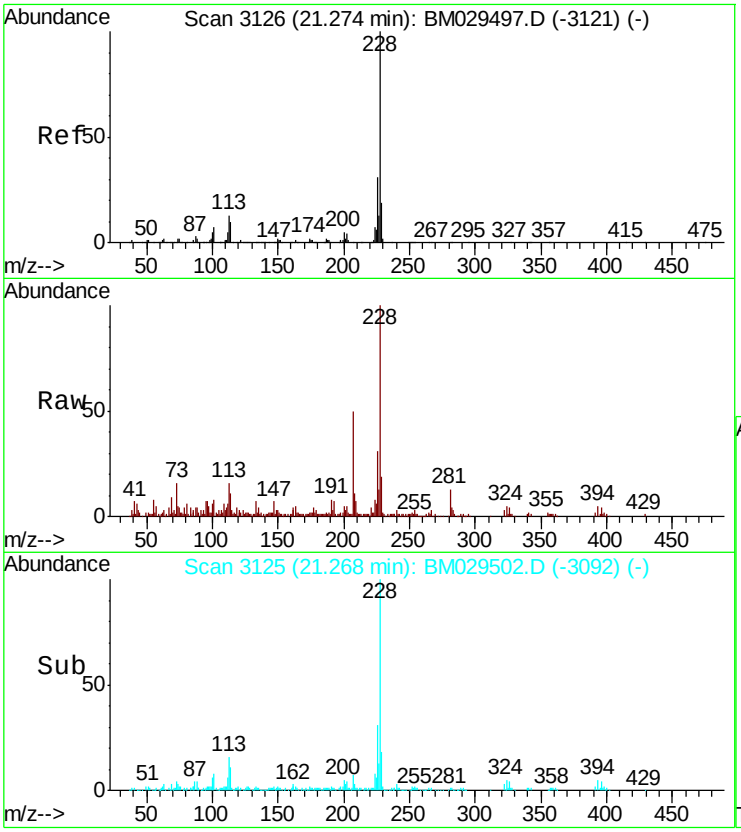


#83
Benzo(a)anthracene
Concen: 2.007 ng/ul
RT: 21.22 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM029502.D
Acq: 15 Apr 2021 14:23

Tgt Ion:228 Resp: 55493

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.7	23.5
226	28.5	22.3	33.5



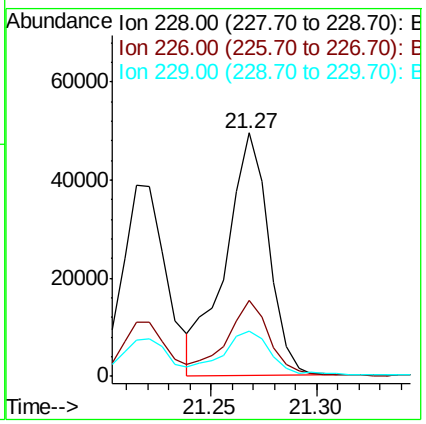


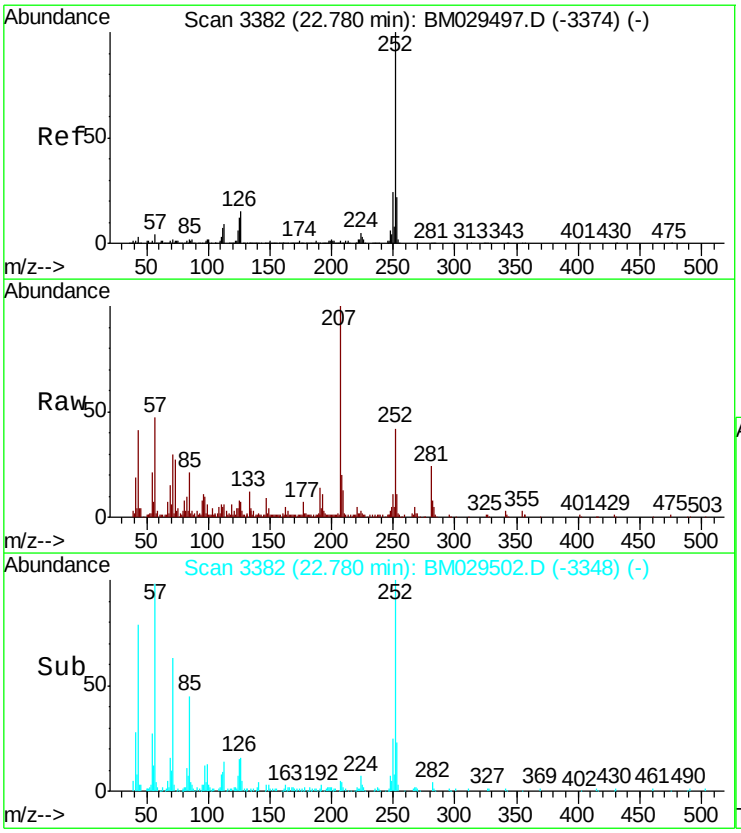
#85
Chrysene
Concen: 2.582 ng/ul
RT: 21.27 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM029502.D
Acq: 15 Apr 2021 14:23

Instrument :
BNA_M
ClientSampleId :
C0B49

Tgt Ion:228 Resp: 69801

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.0	36.0
229	18.7	15.4	23.0





#88
Benzo(b)fluoranthene
Concen: 1.766 ng/ul
RT: 22.78 min Scan# 3382
Delta R.T. -0.00 min
Lab File: BM029502.D
Acq: 15 Apr 2021 14:23

Tgt Ion:252 Resp: 44247

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.2	25.8
125	19.4	8.8	13.2#