Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022519\
Data File : BN004482.D
Acq On : 25 Feb 2019 14:19
Operator : JU/SJ
Sample : K1491-05
Misc : GCMS Confirmation
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB575

Quant Time: Feb 25 22:46:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 25 22:41:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	23079	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	113119	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	82076	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	219673	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	301415	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	367334	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	0	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	0d	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	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
70) Phenanthrene	17.17	178	24549	2.014	ng/ul	99
77) Fluoranthene	19.19	202	48120	3.207	ng/ul	96
80) Pyrene	19.56	202	27108	1.626	ng/ul	97
83) Benzo(a)anthracene	21.32	228	19989	1.076	ng/ul	97
85) Chrysene	21.36	228	21960	1.245	ng/ul	97

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

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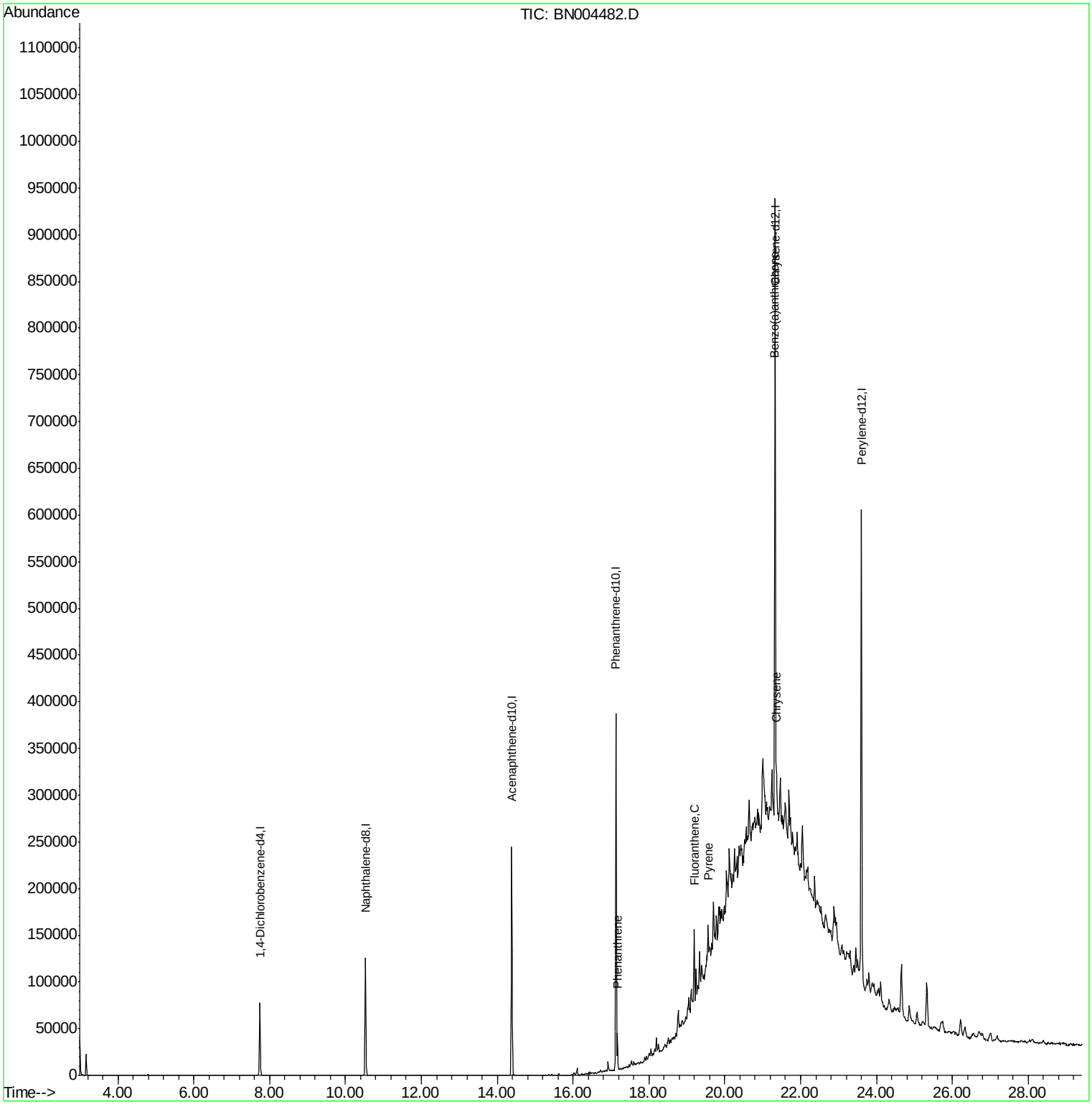
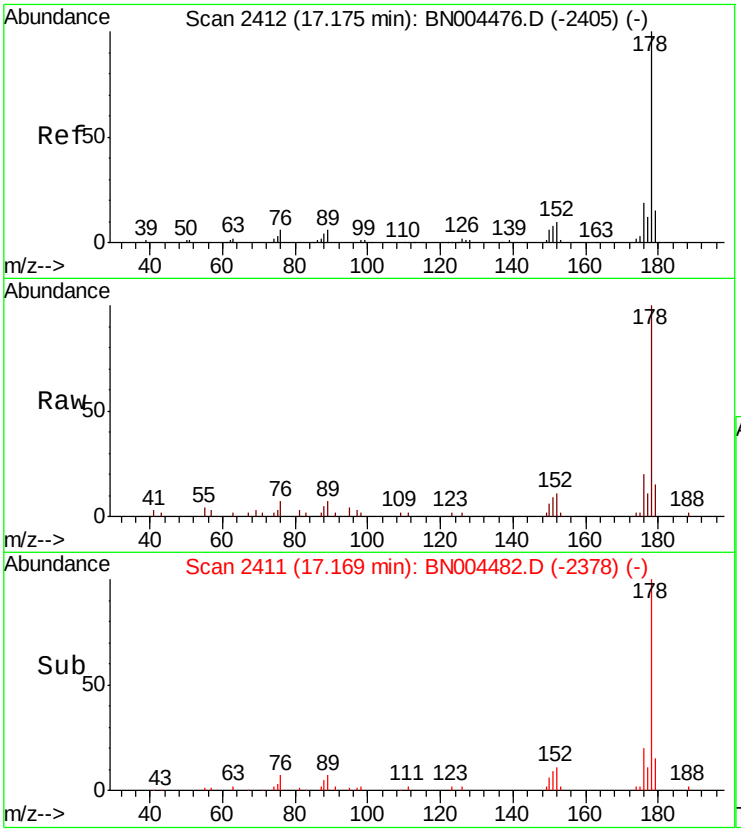


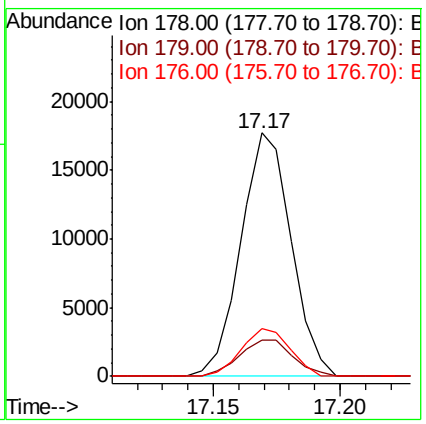


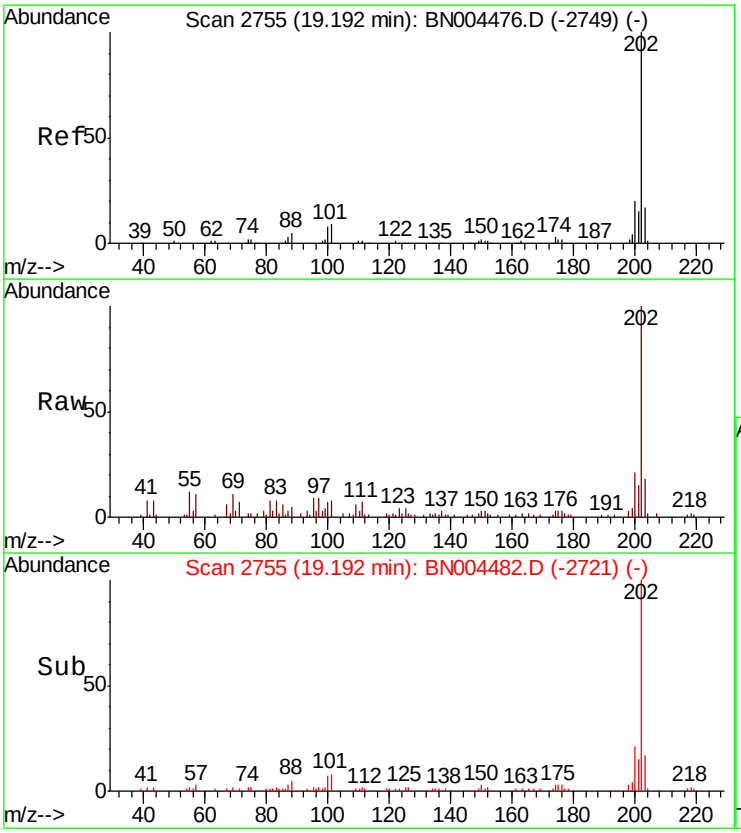
#70
Phenanthrene
Concen: 2.014 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BN004482.D
Acq: 25 Feb 2019 14:19

Instrument :
BNA_N
ClientSampleId :
CB575

Tgt Ion:178 Resp: 24549

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	19.7	15.4	23.0

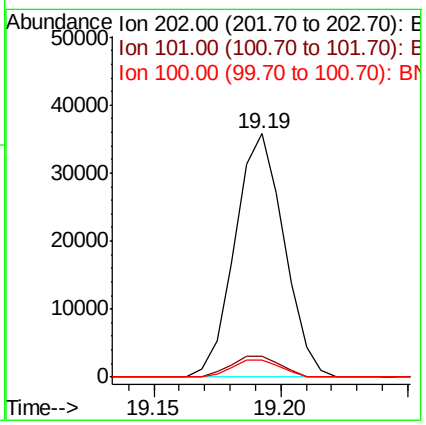


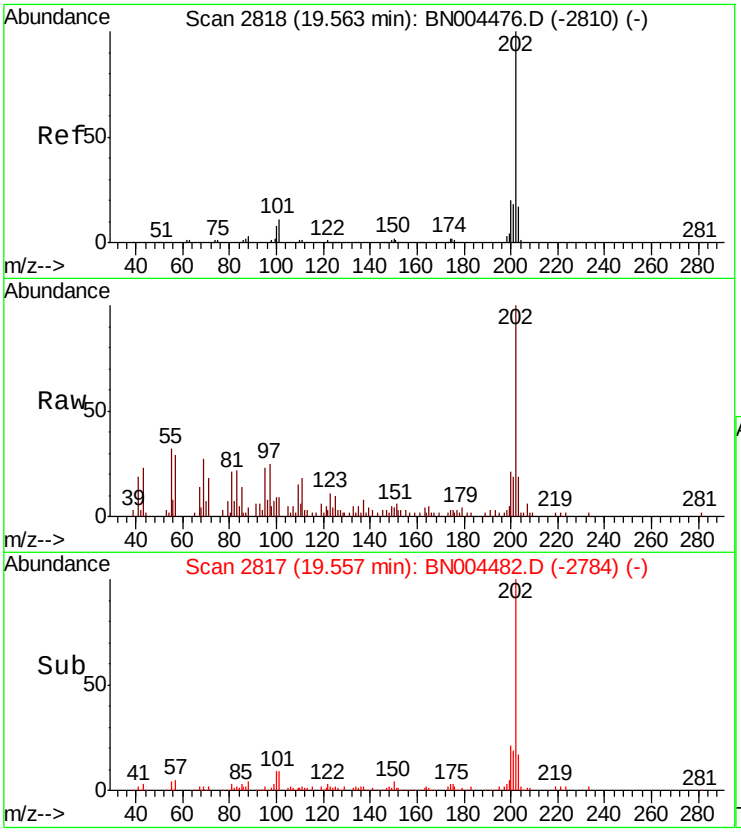


#77
Fluoranthene
Concen: 3.207 ng/ul
RT: 19.19 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BN004482.D
Acq: 25 Feb 2019 14:19

Tgt Ion:202 Resp: 48120

Ion	Ratio	Lower	Upper
202	100		
101	8.5	8.2	12.4
100	6.8	6.6	9.8



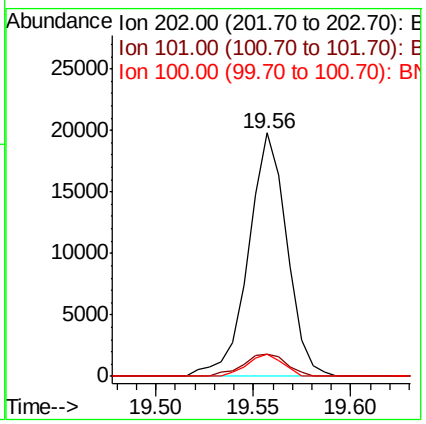


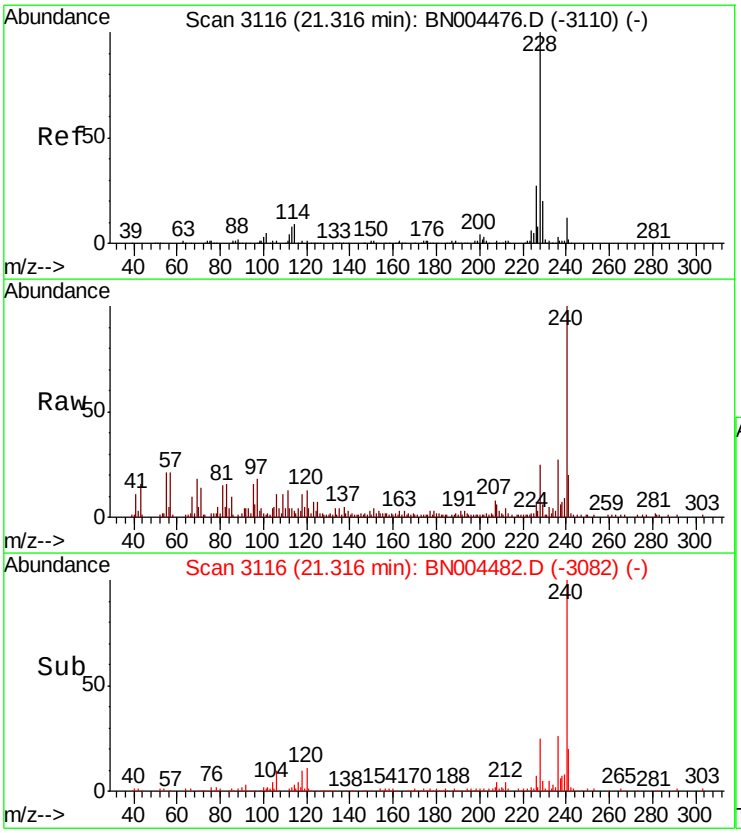
#80
Pyrene
Concen: 1.626 ng/ul
RT: 19.56 min Scan# 2817
Delta R.T. -0.01 min
Lab File: BN004482.D
Acq: 25 Feb 2019 14:19

Instrument :
BNA_N
ClientSampleId :
CB575

Tgt Ion:202 Resp: 27108

Ion	Ratio	Lower	Upper
202	100		
101	9.4	9.2	13.8
100	9.3	7.5	11.3

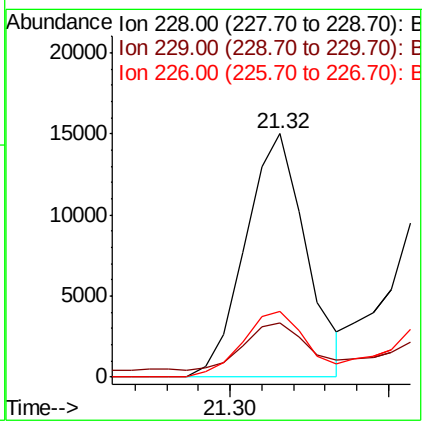


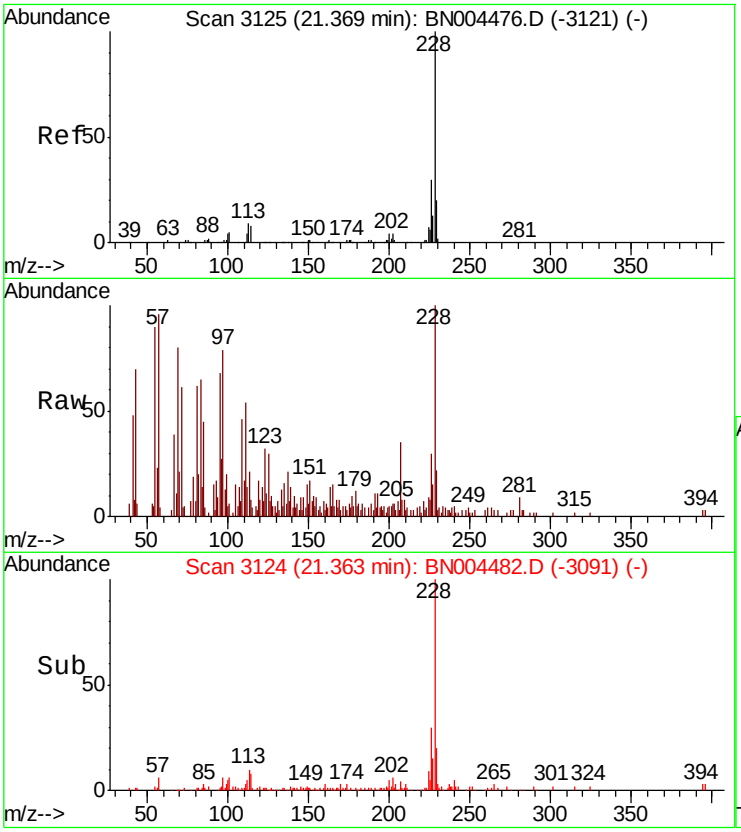


#83
Benzo(a)anthracene
Concen: 1.076 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. 0.00 min
Lab File: BN004482.D
Acq: 25 Feb 2019 14:19

Tgt Ion:228 Resp: 19989

Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.4	23.2
226	27.2	21.4	32.2





#85
Chrysene
Concen: 1.245 ng/ul
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BN004482.D
Acq: 25 Feb 2019 14:19

Instrument :
BNA_N
ClientSampleId :
CB575

Tgt Ion:228 Resp: 21960

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	22.3	15.7	23.5