

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 22:43:53 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	15.37	176	248	0.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.23	188	238	0.02	ng/ul	0.00
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	23.60	264	365426	18.96	ng/ul	0.15

Target Compounds

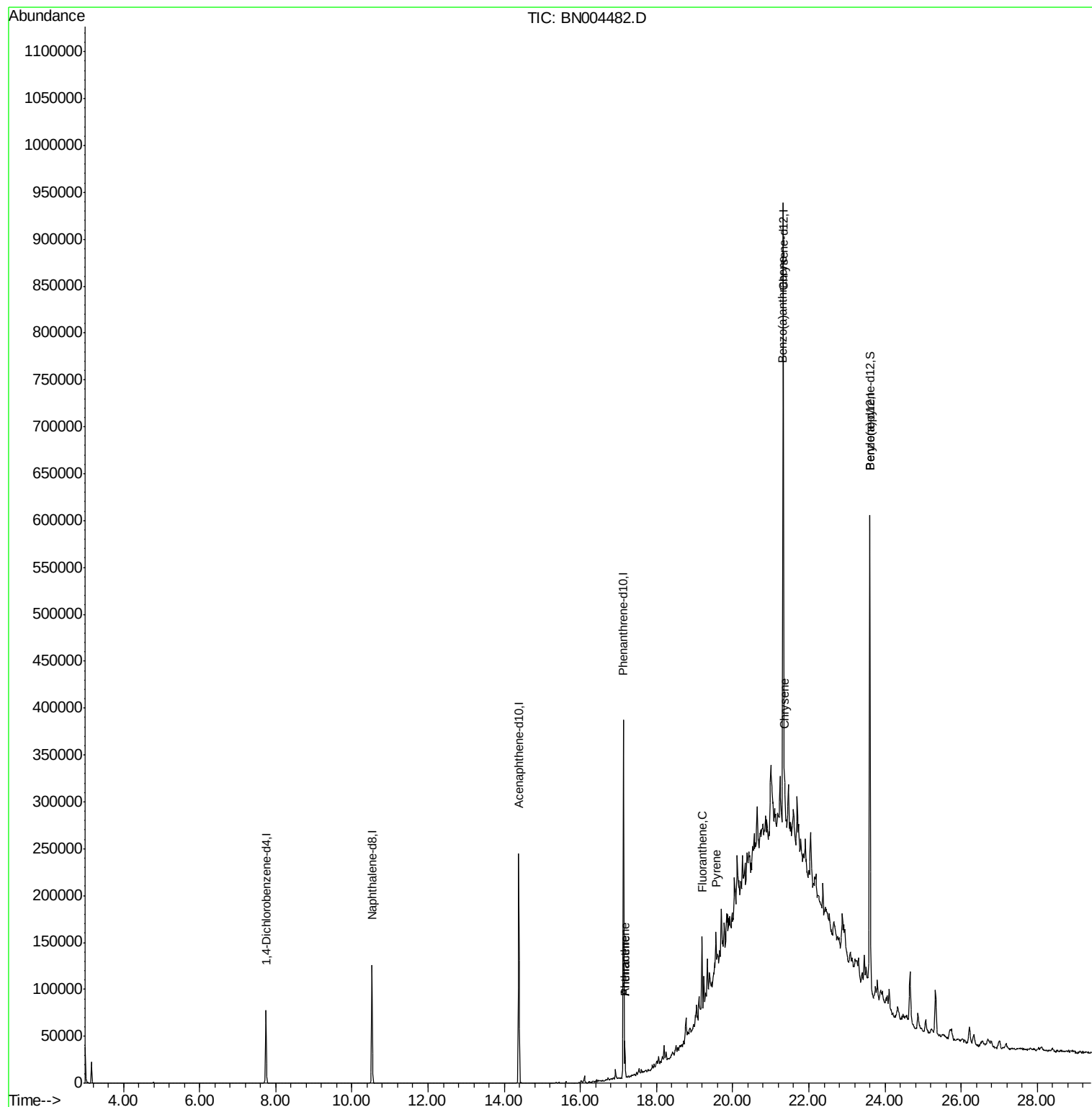
					Qvalue	
70) Phenanthrene	17.17	178	24549	2.014	ng/ul	99
72) Anthracene	17.17	178	24549	2.001	ng/ul	98
77) Fluoranthene	19.19	202	48120	3.207	ng/ul	96
80) Pyrene	19.56	202	27108	1.626	ng/ul	97
83) Benzo(a)anthracene	21.32	228	19989	1.076	ng/ul	97
85) Chrysene	21.36	228	21960	1.245	ng/ul	97

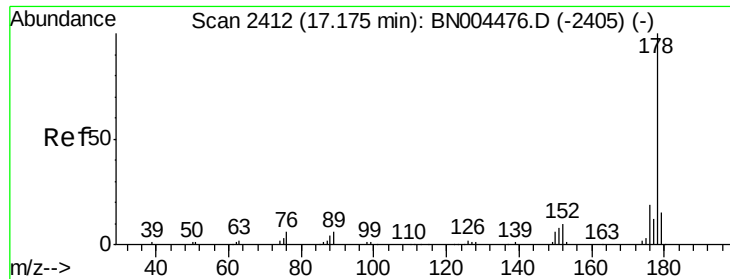
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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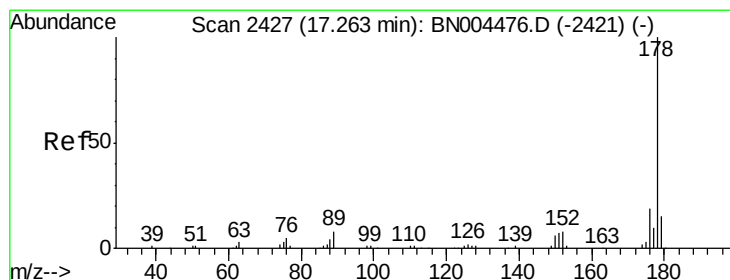
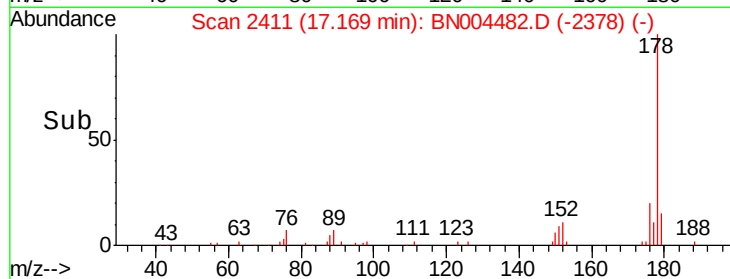
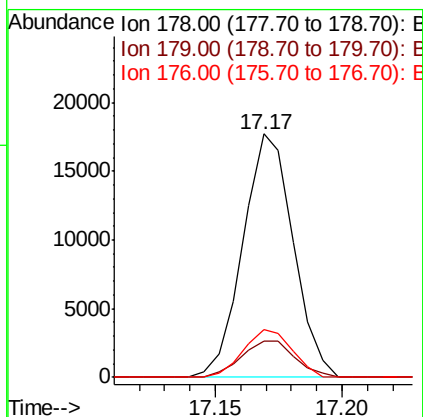
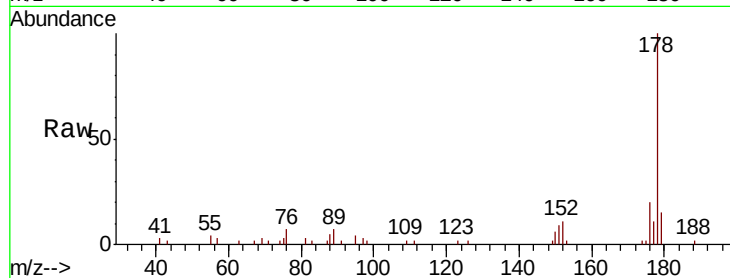




#70
Phenanthrene
Concen: 2.014 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BN004482.D
Acq: 25 Feb 2019 14:19

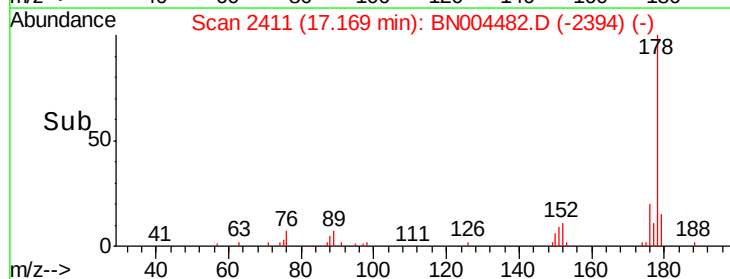
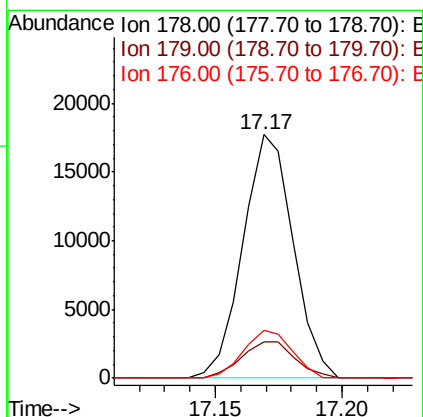
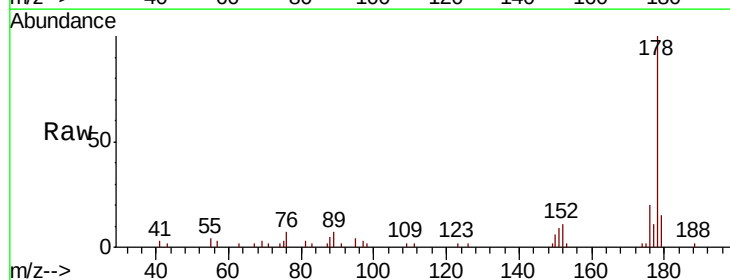
Instrument :
BNA_N
ClientSampleId :
CB575

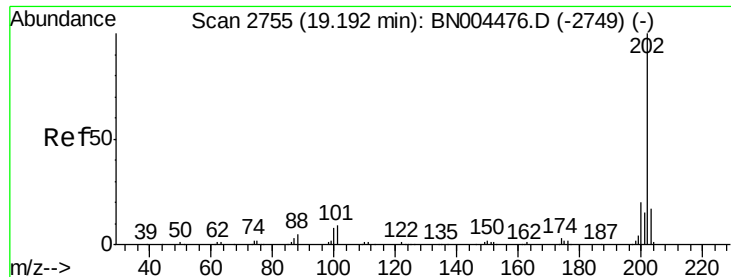
Tgt Ion:178 Resp: 24549
Ion Ratio Lower Upper
178 100
179 15.1 12.3 18.5
176 19.7 15.4 23.0



#72
Anthracene
Concen: 2.001 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. -0.10 min
Lab File: BN004482.D
Acq: 25 Feb 2019 14:19

Tgt Ion:178 Resp: 24549
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.4
176 19.7 14.9 22.3

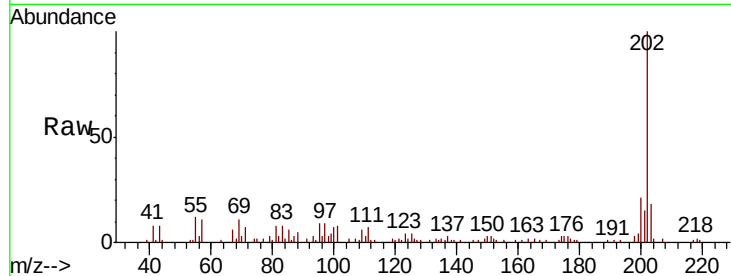




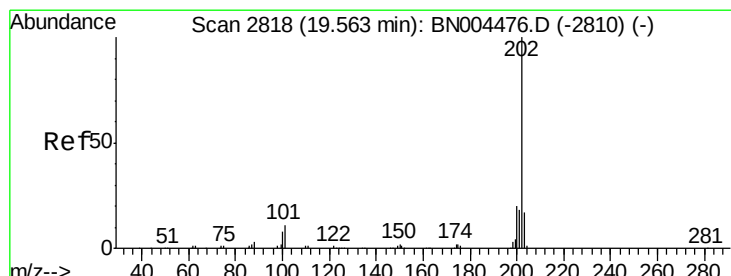
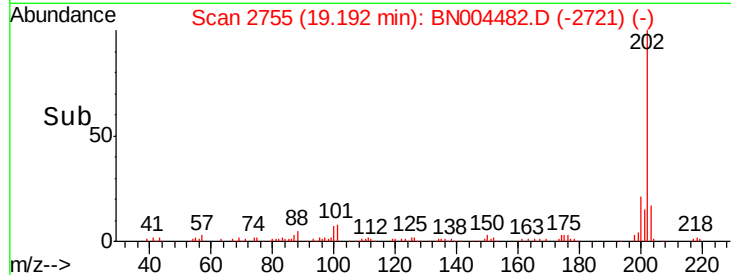
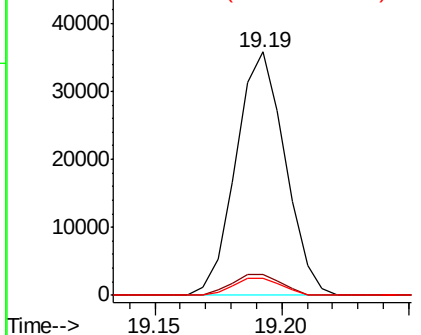
#77
 Fluoranthene
 Concen: 3.207 ng/ul
 RT: 19.19 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: BN004482.D
 Acq: 25 Feb 2019 14:19

Instrument :
 BNA_N
 ClientSampleID :
 CB575

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

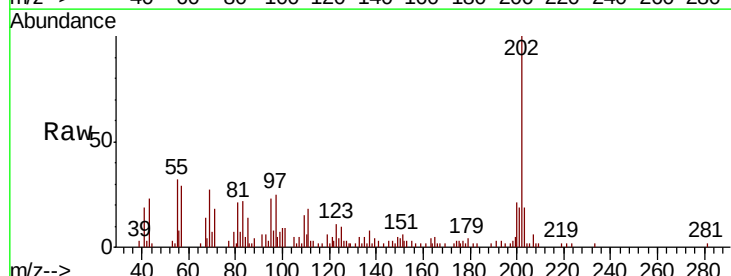


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

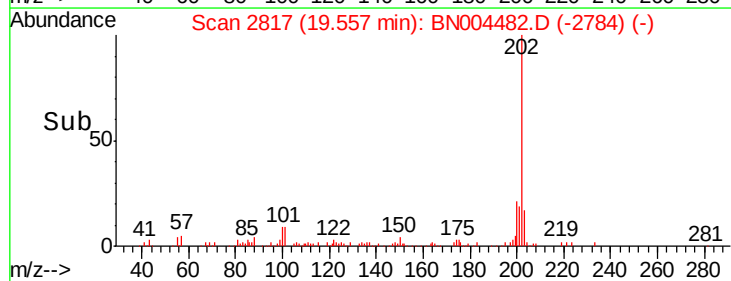
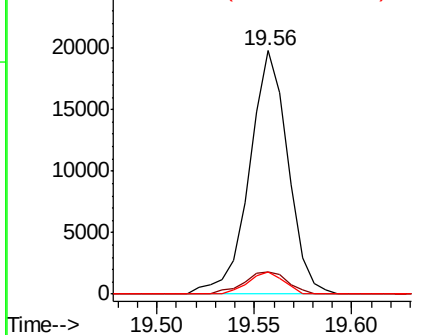


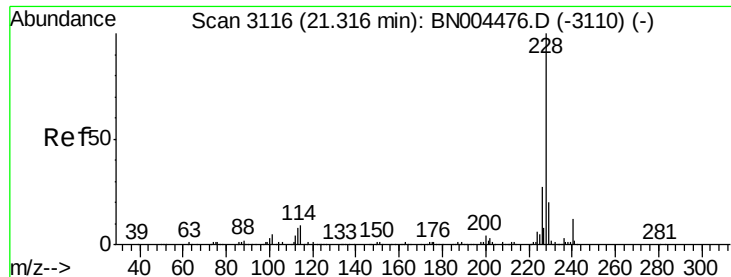
#80
 Pyrene
 Concen: 1.626 ng/ul
 RT: 19.56 min Scan# 2817
 Delta R.T. -0.01 min
 Lab File: BN004482.D
 Acq: 25 Feb 2019 14:19

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



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B





#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

Instrument :

BNA_N

ClientSampleId :

CB575

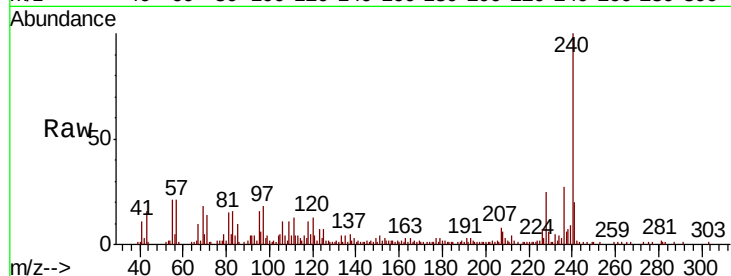
Tgt Ion:228 Resp: 19989

Ion Ratio Lower Upper

228 100

229 22.1 15.4 23.2

226 27.2 21.4 32.2

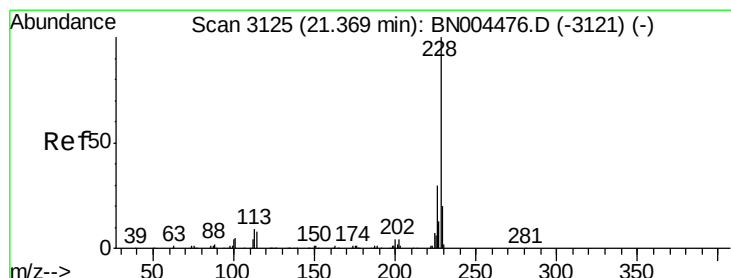
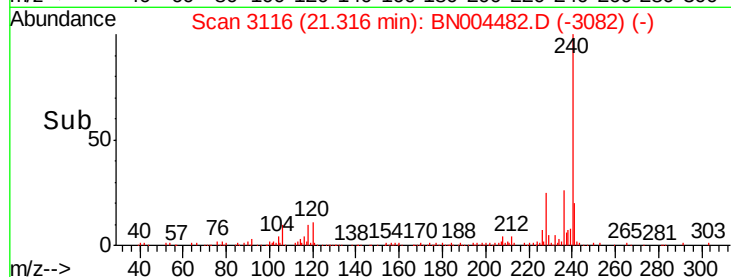
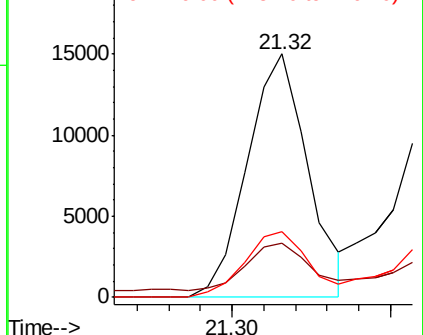


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#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

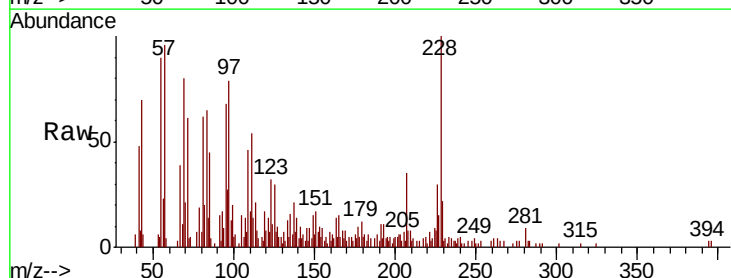
Tgt Ion:228 Resp: 21960

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

229 22.3 15.7 23.5



Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

