

Data File : BN004411.D
Acq On : 14 Feb 2019 02:03
Operator : JU/SJ
Sample : K1445-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SVOC-GPC-BLANK

Quant Time: Feb 14 07:16:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	18217	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	83942	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	56818	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	152784	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	213113	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	252056	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	0	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.13	188	152784	20.87	ng/ul	-0.10
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	23.60	264	249556	18.87	ng/ul	0.14

Target Compounds

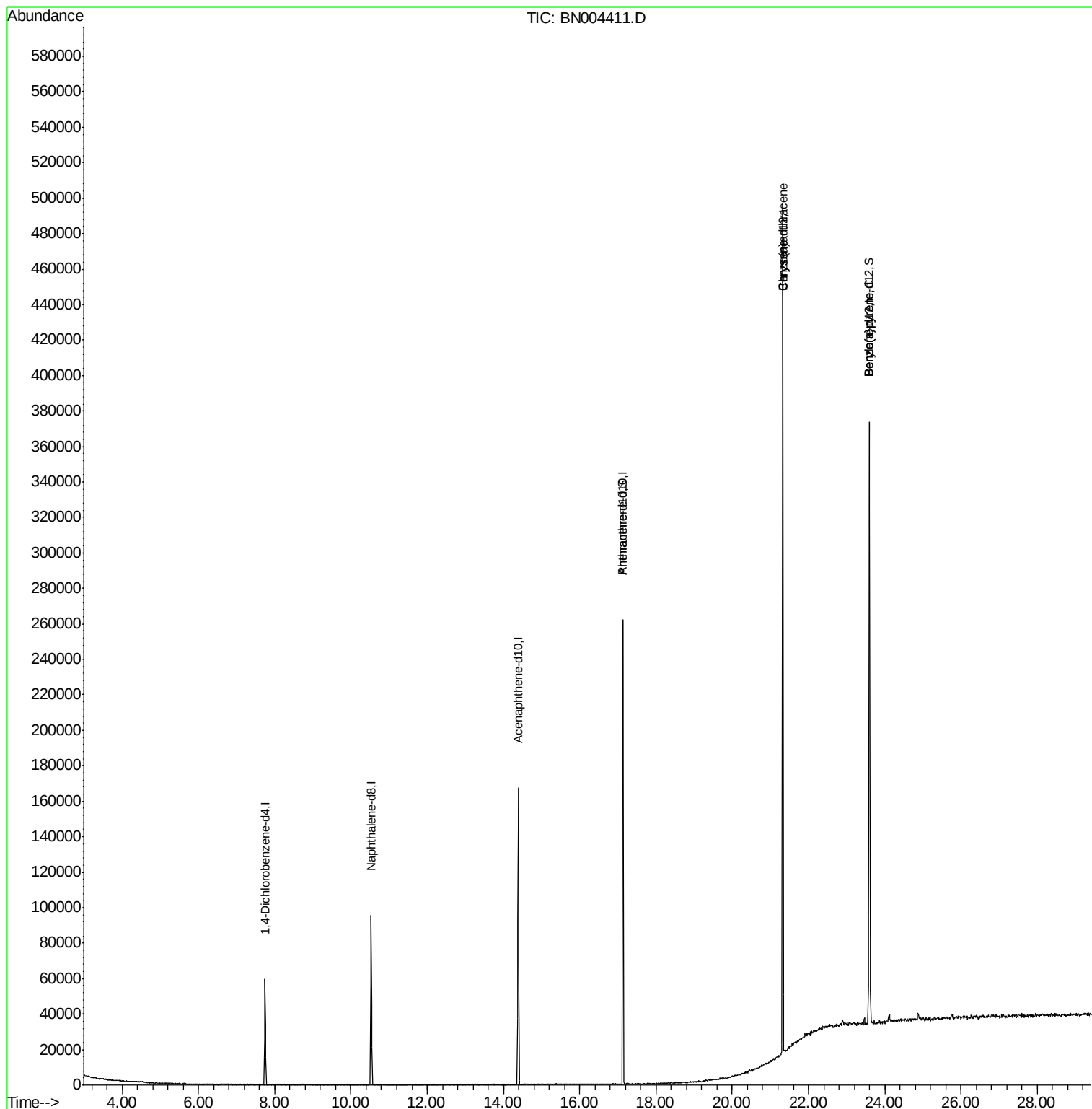
					Qvalue	
83) Benzo(a)anthracene	21.33	228	640	0.049	ng/ul#	52
85) Chrysene	21.33	228	640	0.051	ng/ul#	50
91) Benzo(a)pyrene	23.60	252	340	0.023	ng/ul#	60

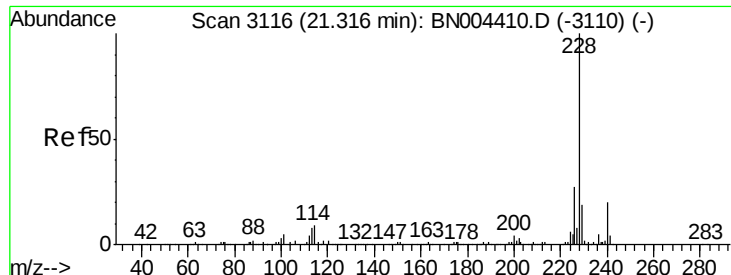
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#83

Benzo(a)anthracene

Concen: 0.049 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. 0.01 min

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Instrument :

BNA_N

ClientSampleId :

SVOC-GPC-BLANK

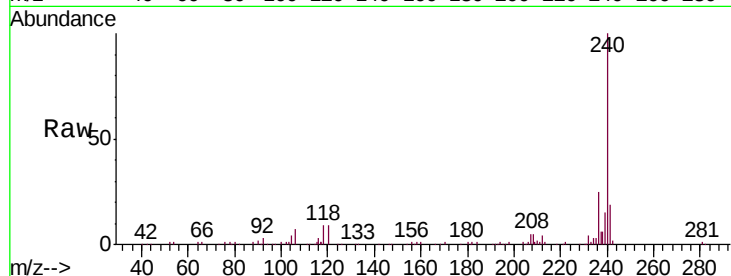
Tgt Ion:228 Resp: 640

Ion Ratio Lower Upper

228 100

229 0.0 15.4 23.2#

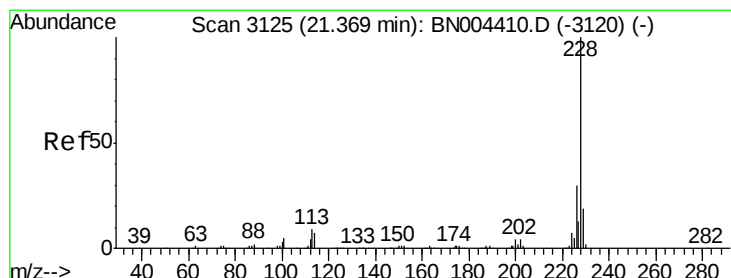
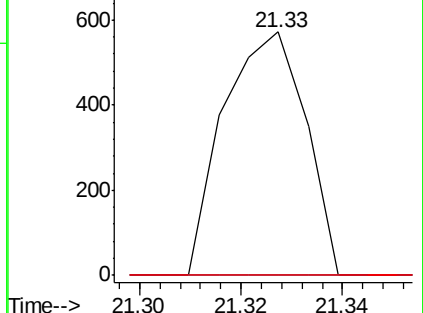
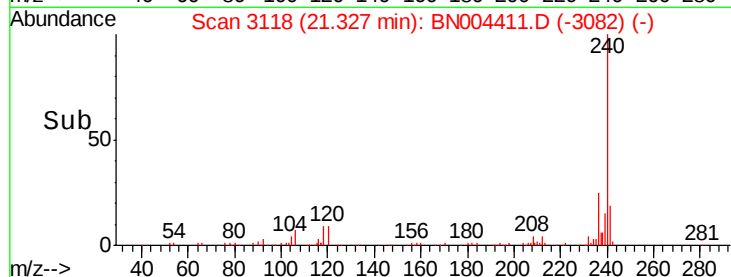
226 0.0 21.4 32.2#



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: 0.051 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. -0.04 min

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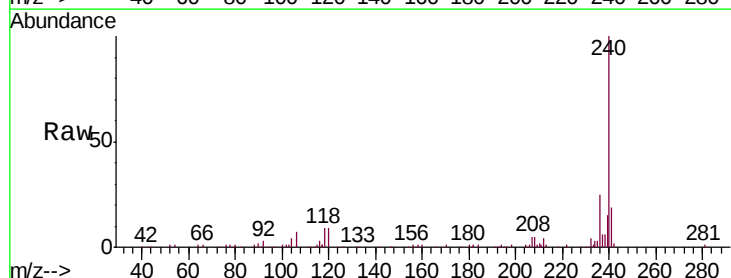
Tgt Ion:228 Resp: 640

Ion Ratio Lower Upper

228 100

226 0.0 24.0 36.0#

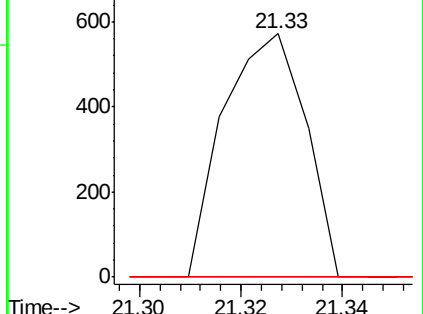
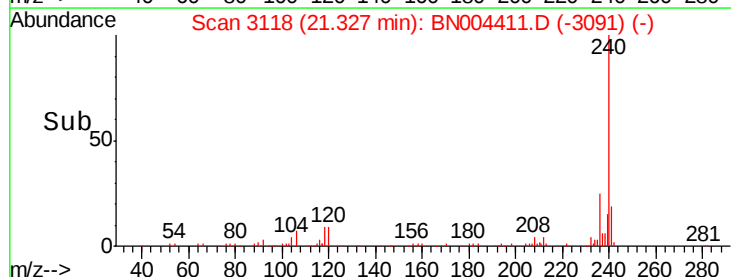
229 0.0 15.7 23.5#

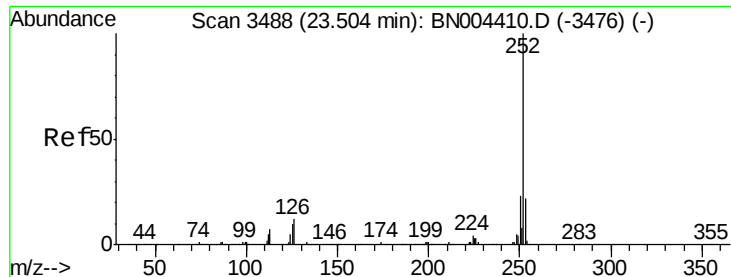


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#91

Benzo(a)pyrene

Concen: 0.023 ng/ul

RT: 23.60 min Scan# 3505

Delta R.T. 0.10 min

Lab File: BN004411.D

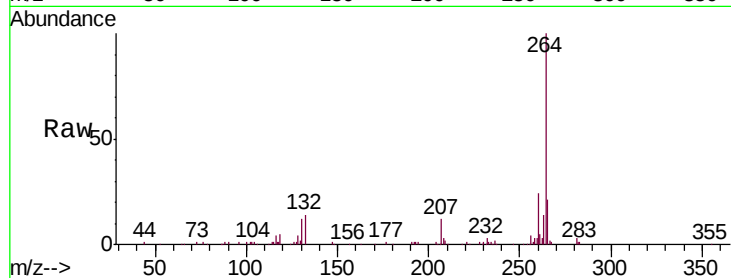
Acq: 14 Feb 2019 02:03

Instrument :

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Tgt Ion:	252	Resp:	340
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.6	26.4#
125	0.0	8.4	12.6#

