

Data File : BN004412.D
Acq On : 14 Feb 2019 02:38
Operator : JU/SJ
Sample : K1445-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SVOC-GPC2-BLANK

Quant Time: Feb 14 07:16:25 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	23206	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	107634	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	72502	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	190503	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	260498	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	306092	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	190503	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	302678	18.84	ng/ul	0.14

Target Compounds

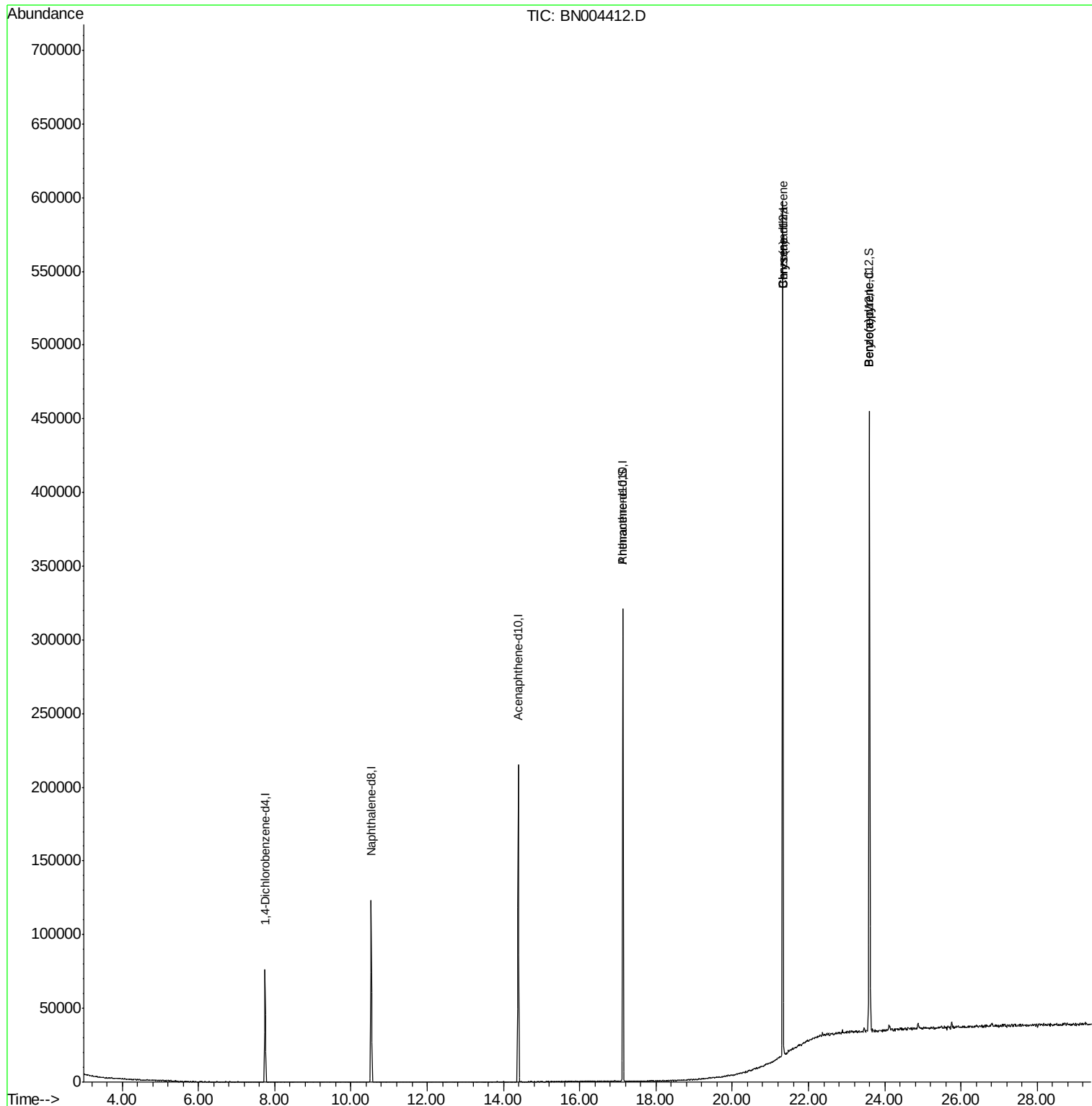
					Qvalue	
83) Benzo(a)anthracene	21.33	228	513	0.032	ng/ul#	52
85) Chrysene	21.33	228	513	0.034	ng/ul#	50
91) Benzo(a)pyrene	23.60	252	869	0.049	ng/ul#	60

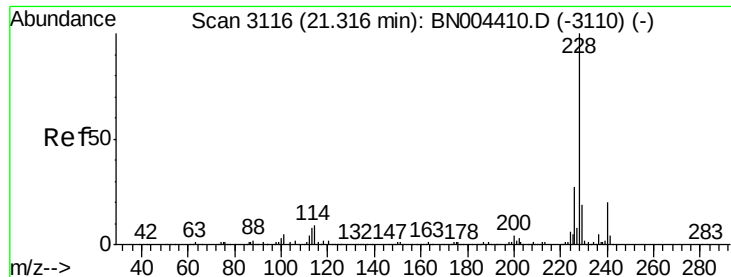
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#83

Benzo(a)anthracene

Concen: 0.032 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. 0.01 min

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Instrument :

BNA_N

ClientSampleId :

SVOC-GPC2-BLANK

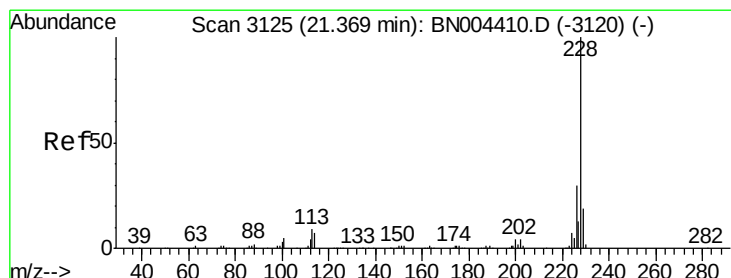
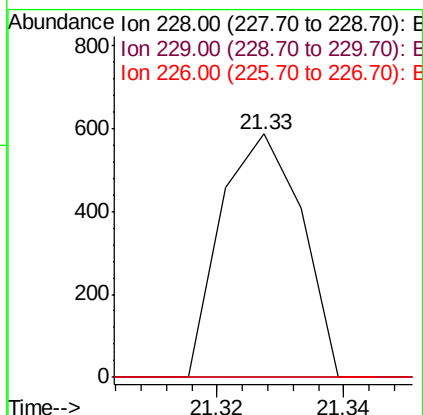
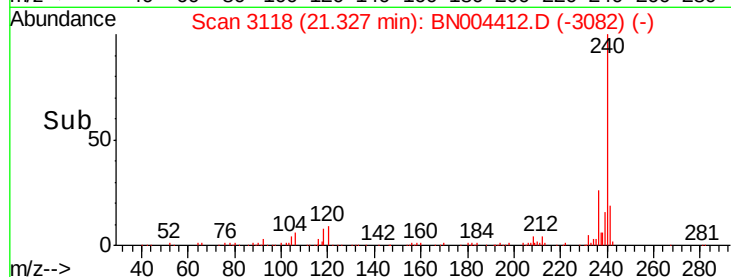
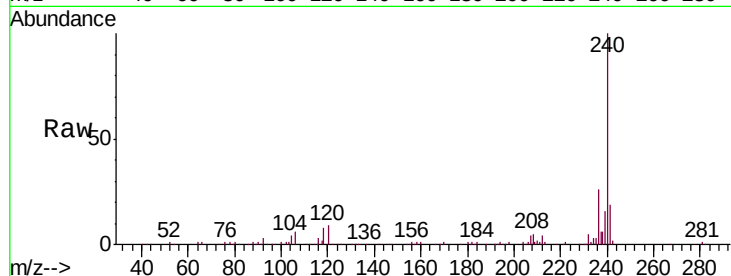
Tgt Ion:228 Resp: 513

Ion Ratio Lower Upper

228 100

229 0.0 15.4 23.2#

226 0.0 21.4 32.2#



#85

Chrysene

Concen: 0.034 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. -0.04 min

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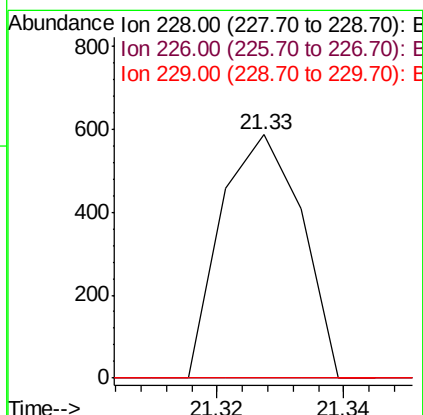
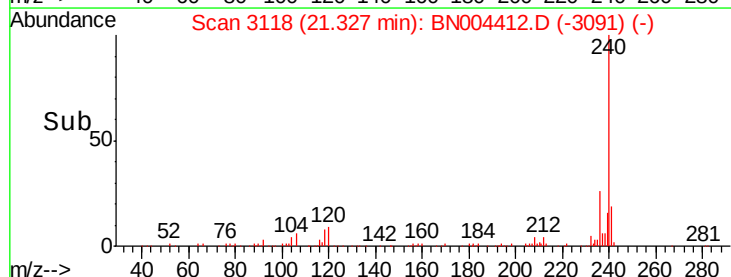
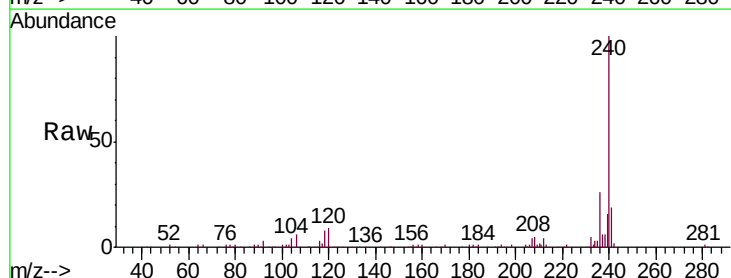
Tgt Ion:228 Resp: 513

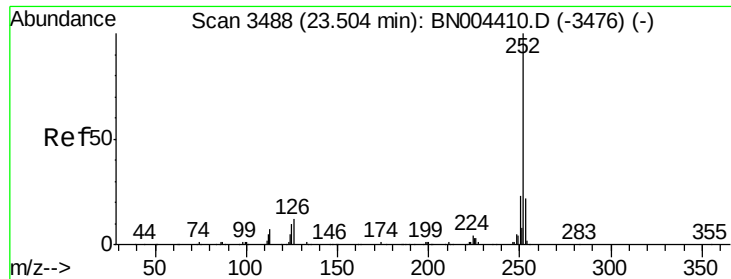
Ion Ratio Lower Upper

228 100

226 0.0 24.0 36.0#

229 0.0 15.7 23.5#





#91

Benzo(a)pyrene

Concen: 0.049 ng/ul

RT: 23.60 min Scan# 3504

Delta R.T. 0.09 min

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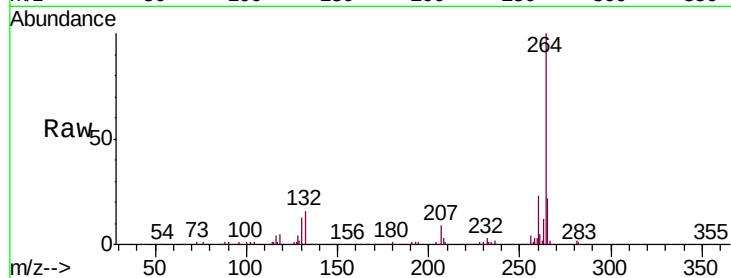
Acq: 14 Feb 2019 02:38

Instrument :

BNA_N

ClientSampleId :

SVOC-GPC2-BLANK



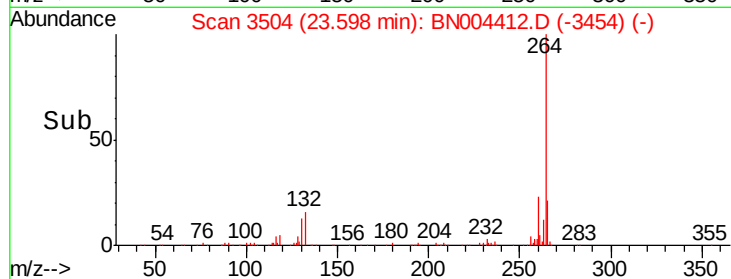
Tgt Ion: 252 Resp: 869

Ion Ratio Lower Upper

252 100

253 0.0 17.6 26.4#

125 0.0 8.4 12.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

800

600

400

200

0

23.58 23.60 23.62

Time-->