

Data File : BN004294.D
Acq On : 29 Dec 2018 10:53
Operator : JU/SJ
Sample : J6432-08
Misc : GCMS Confirmation
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41Y7

Quant Time: Dec 30 22:16:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 03:12:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	30254	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	137339	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	91521	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	214342	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	225706	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	203623	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	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	0.00	176	0	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.21	188	214342	19.79	ng/ul	-0.10
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	23.72	264	196003	17.74	ng/ul	0.15

Target Compounds

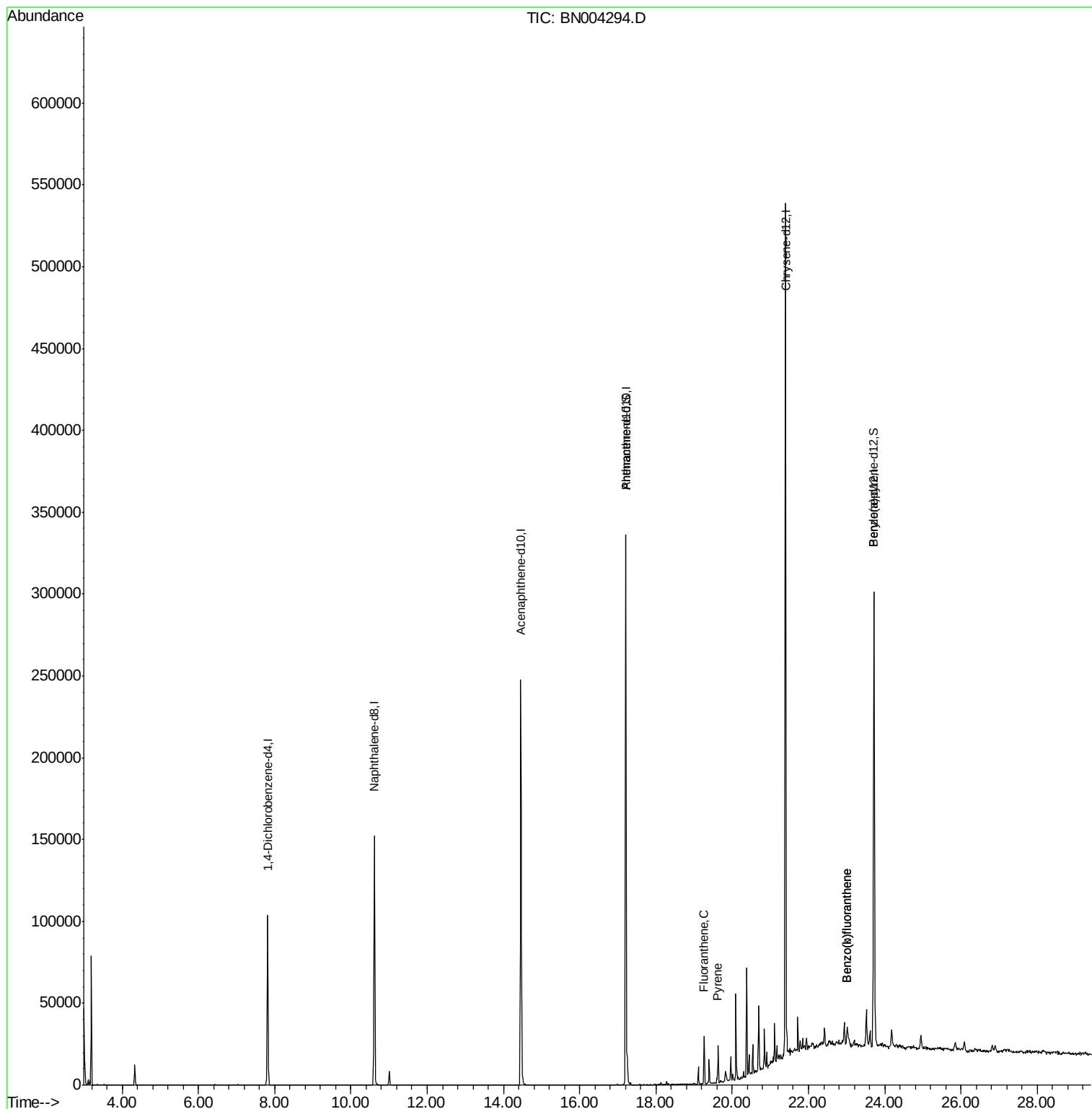
					Qvalue	
76) Fluoranthene	19.27	202	19292	1.271	ng/ul	99
79) Pyrene	19.63	202	16166	1.282	ng/ul	97
87) Benzo(b)fluoranthene	23.02	252	12834	1.052	ng/ul#	89
88) Benzo(k)fluoranthene	23.02	252	12834	1.124	ng/ul#	89

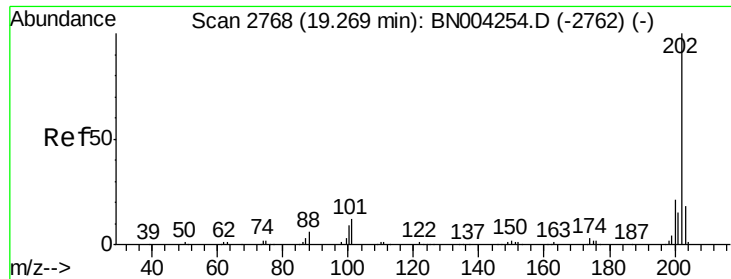
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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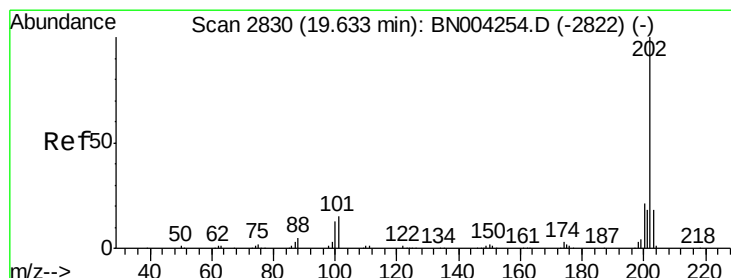
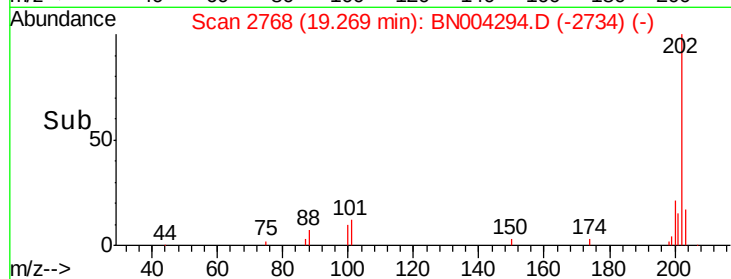
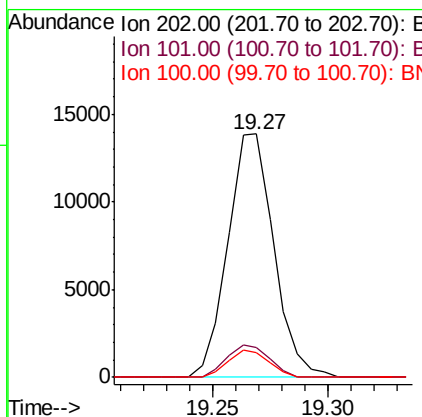
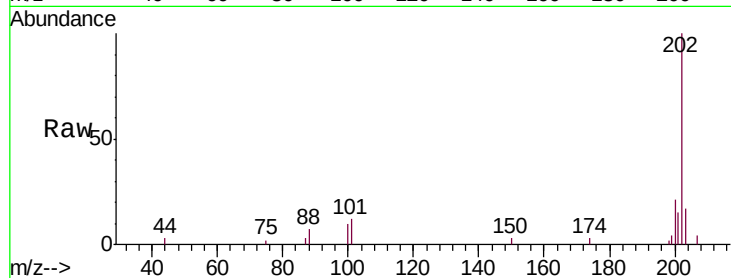




#76
 Fluoranthene
 Concen: 1.271 ng/ul
 RT: 19.27 min Scan# 2768
 Delta R.T. 0.00 min
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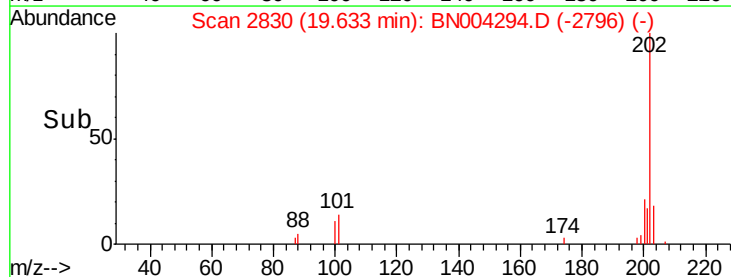
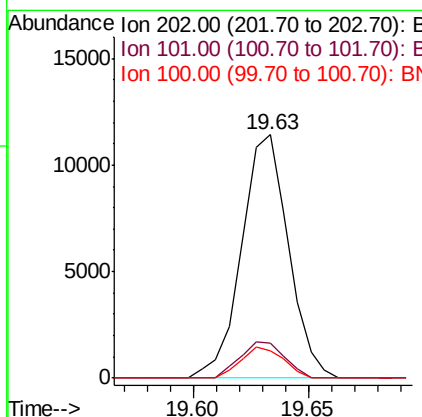
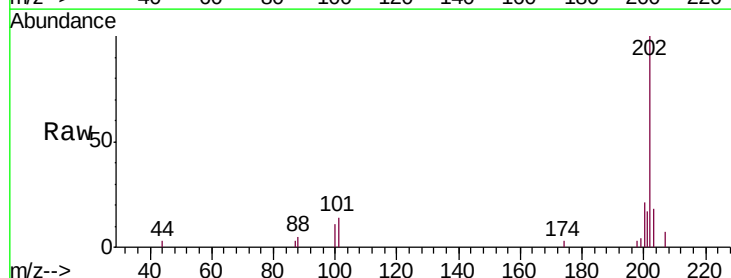
Instrument :
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 ClientSampleId :
 A41Y7

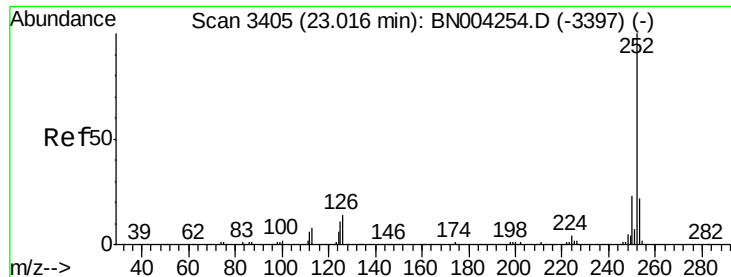
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.2	15.2
100	9.9	7.8	11.8



#79
 Pyrene
 Concen: 1.282 ng/ul
 RT: 19.63 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: BN004294.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	12.2	18.2
100	11.3	9.9	14.9





#87

Benzo(b)fluoranthene

Concen: 1.052 ng/ul

RT: 23.02 min Scan# 3405

Delta R.T. 0.01 min

Lab File: BN004294.D

Acq: 29 Dec 2018 10:53

Instrument :

BNA_N

ClientSampleId :

A41Y7

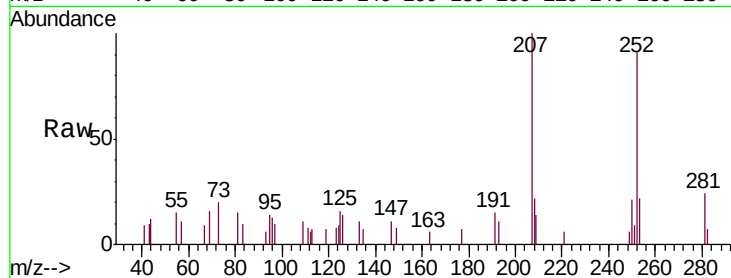
Tgt Ion:252 Resp: 12834

Ion Ratio Lower Upper

252 100

253 24.8 17.3 25.9

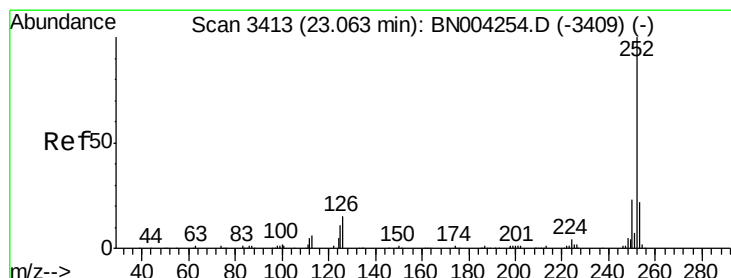
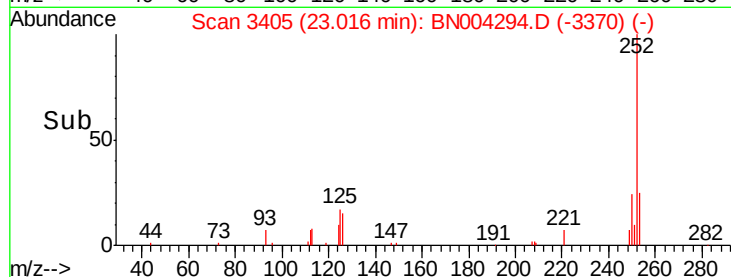
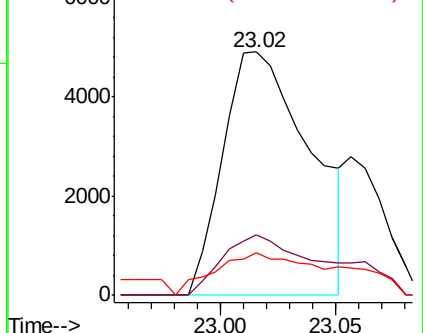
125 17.4 8.2 12.4#



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



#88

Benzo(k)fluoranthene

Concen: 1.124 ng/ul

RT: 23.02 min Scan# 3405

Delta R.T. -0.04 min

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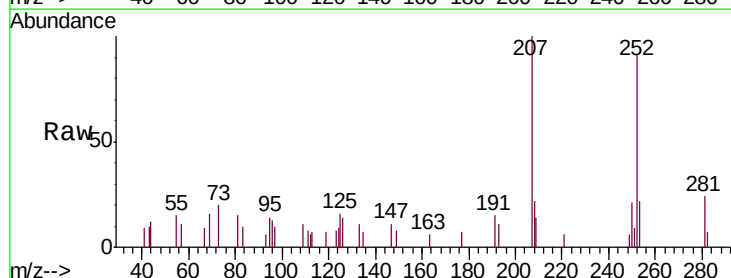
Tgt Ion:252 Resp: 12834

Ion Ratio Lower Upper

252 100

253 24.8 17.1 25.7

125 17.4 7.9 11.9#



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

