

Data File : BN003938.D
Acq On : 14 Dec 2018 19:06
Operator : JU/SJ
Sample : J6270-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E01

Quant Time: Dec 14 22:54:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 14 22:50:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	38773	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	184621	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	108672	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	257745	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	305735	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	277923	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	2835	4.79	ng/uL	0.00
5) Phenol-d5	6.99	99	91182	23.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	50299	24.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	76692	25.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	72627	22.73	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	39017	26.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	43858	26.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	78806	25.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	64929	22.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	242839	25.03	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	317050	27.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	43915	21.90	ng/ul	0.00
57) Fluorene-d10	15.46	176	223656	26.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	11447	6.17	ng/ul	0.00
70) Anthracene-d10	17.31	188	356833	27.40	ng/ul	0.00
78) Pyrene-d10	19.60	212	415209	30.36	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	428316	28.41	ng/ul	0.00

Target Compounds

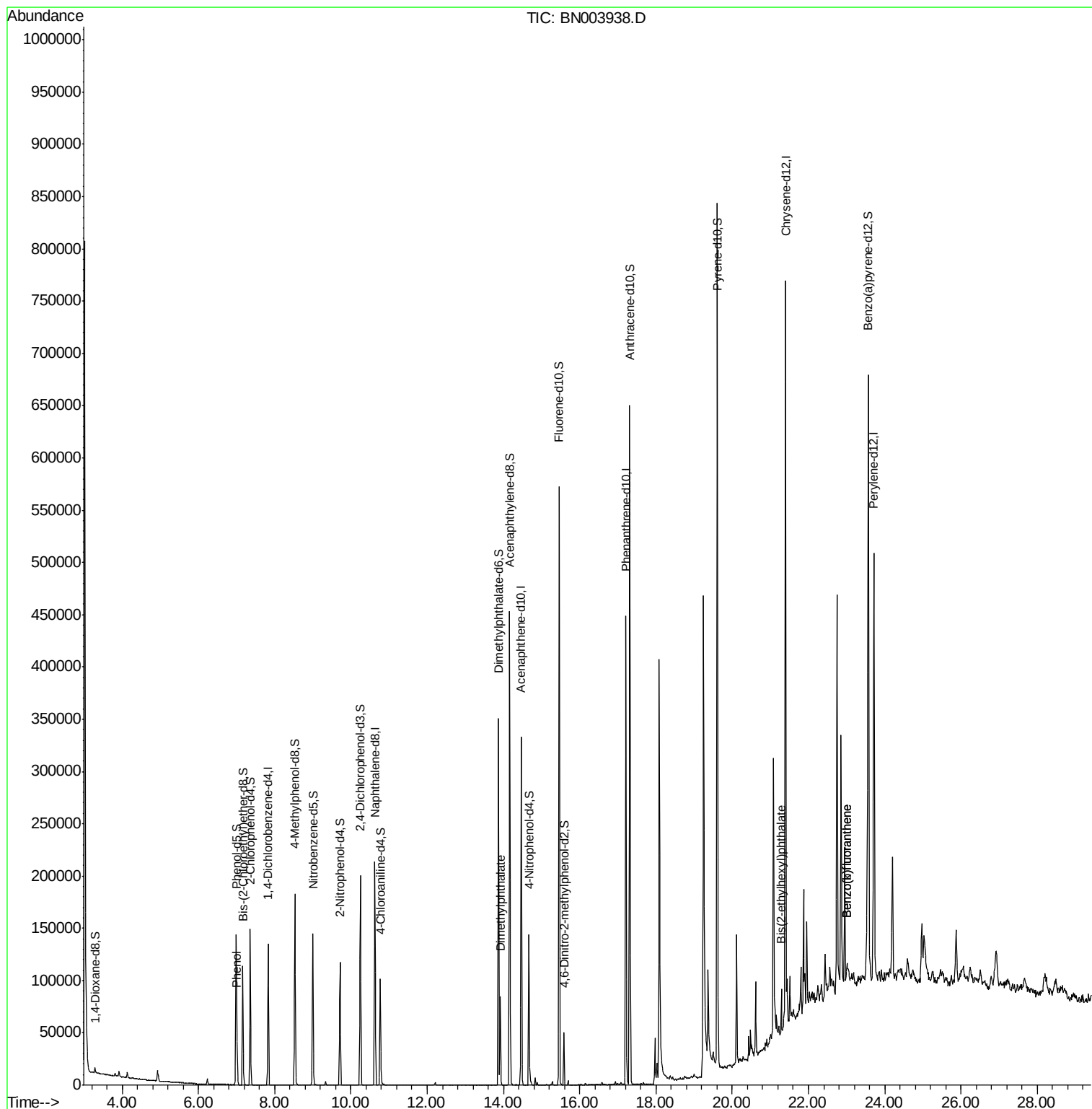
					Qvalue
6) Phenol	7.02	94	20263	5.266 ng/ul	98
44) Dimethylphthalate	13.92	163	57059	6.025 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	12107	1.038 ng/ul	99
87) Benzo(b)fluoranthene	23.01	252	18557	1.115 ng/ul#	91
88) Benzo(k)fluoranthene	23.01	252	18557	1.190 ng/ul#	91

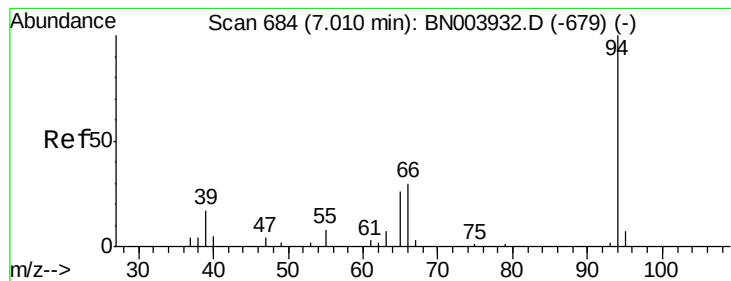
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.266 ng/ul

RT: 7.02 min Scan# 685

Delta R.T. 0.01 min

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Acq: 14 Dec 2018 19:06

Instrument :

BNA_N

ClientSampleId :

F9E01

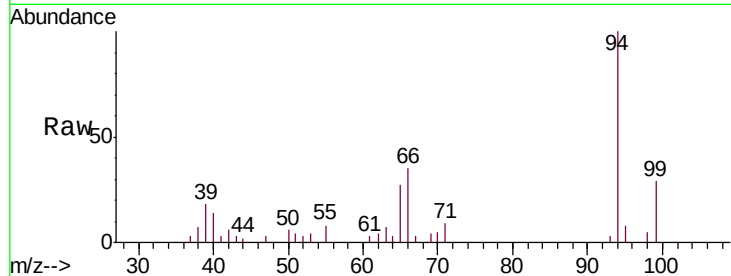
Tgt Ion: 94 Resp: 20263

Ion Ratio Lower Upper

94 100

65 27.3 21.2 31.8

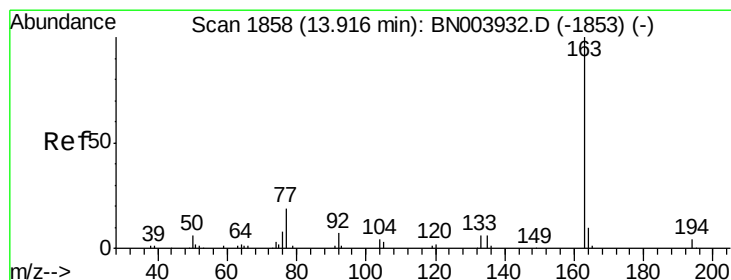
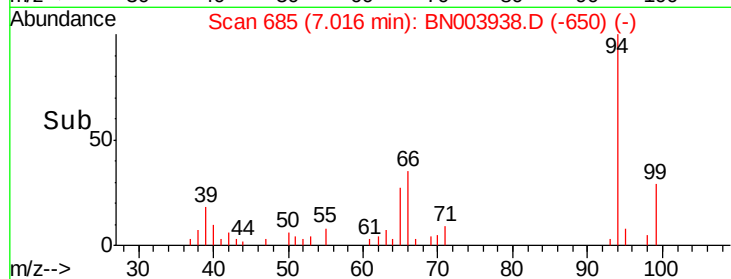
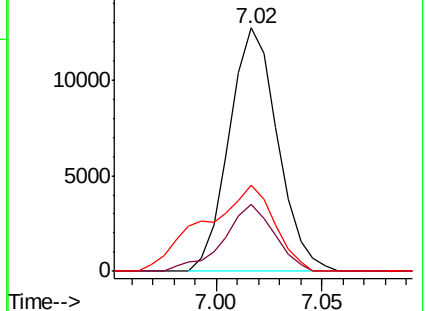
66 35.3 26.9 40.3



Abundance Ion 94.00 (93.70 to 94.70): BN003938.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BN003938.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BN003938.D (-650) (-)



#44

Dimethylphthalate

Concen: 6.025 ng/ul

RT: 13.92 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BN003938.D

Acq: 14 Dec 2018 19:06

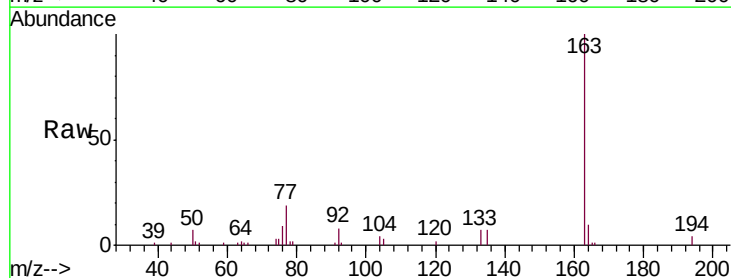
Tgt Ion:163 Resp: 57059

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

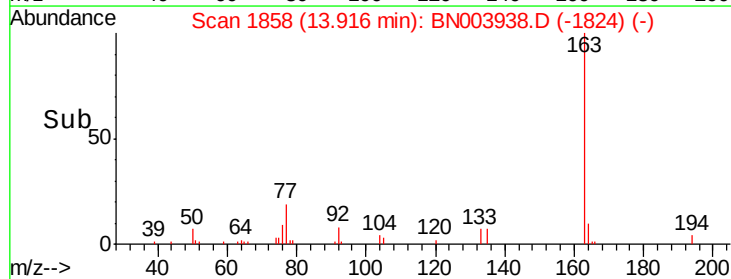
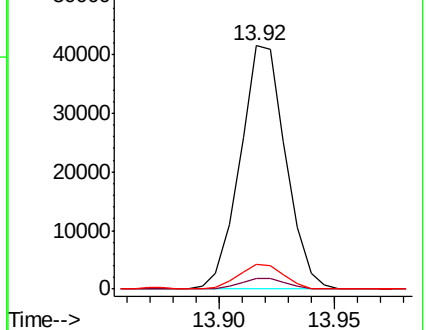
164 10.4 7.9 11.9

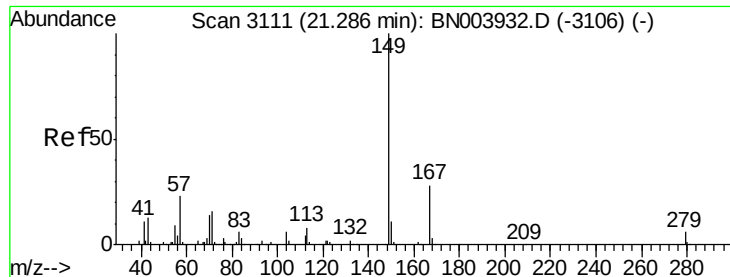


Abundance Ion 163.00 (162.70 to 163.70): BN003938.D (-1824) (-)

Ion 194.00 (193.70 to 194.70): BN003938.D (-1824) (-)

Ion 164.00 (163.70 to 164.70): BN003938.D (-1824) (-)





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.038 ng/ul

RT: 21.29 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BN003938.D

Acq: 14 Dec 2018 19:06

Instrument :

BNA_N

ClientSampleId :

F9E01

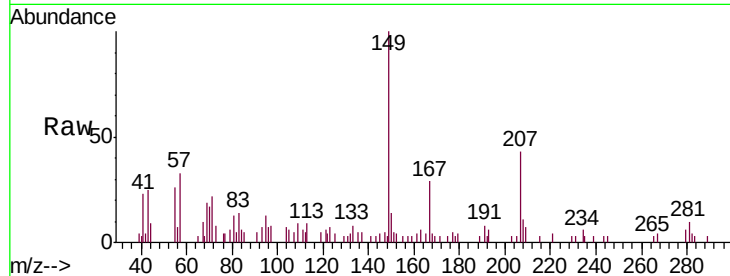
Tgt Ion:149 Resp: 12107

Ion Ratio Lower Upper

149 100

167 29.0 23.0 34.4

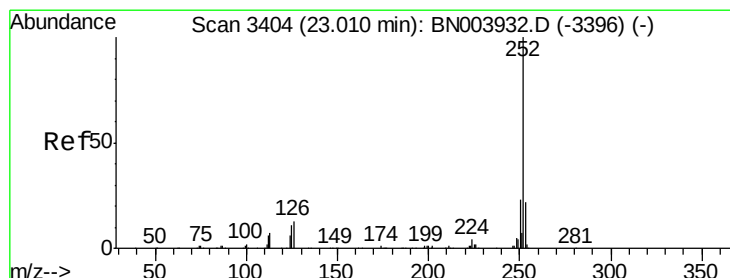
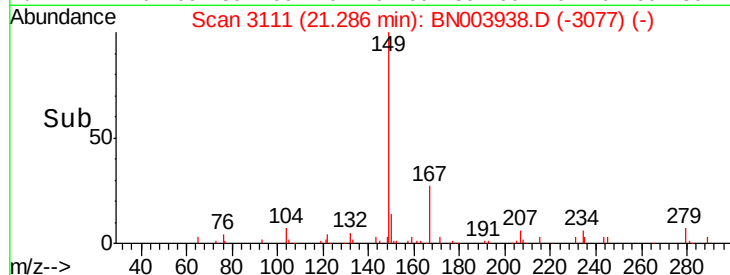
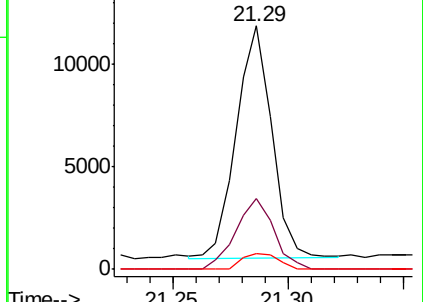
279 6.4 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Benzo(b)fluoranthene

Concen: 1.115 ng/ul

RT: 23.01 min Scan# 3404

Delta R.T. 0.00 min

Lab File: BN003938.D

Acq: 14 Dec 2018 19:06

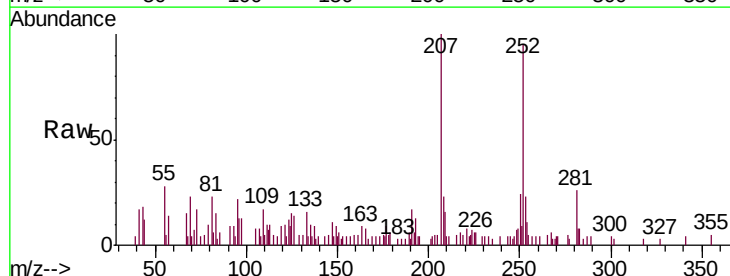
Tgt Ion:252 Resp: 18557

Ion Ratio Lower Upper

252 100

253 24.2 17.3 25.9

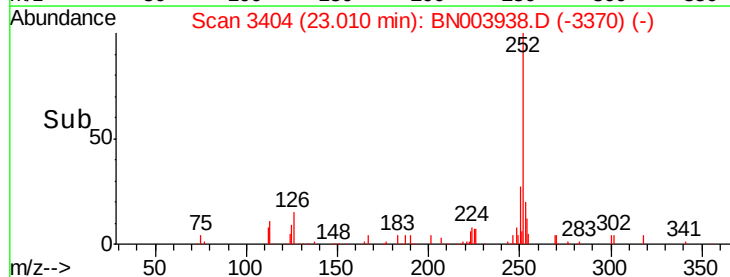
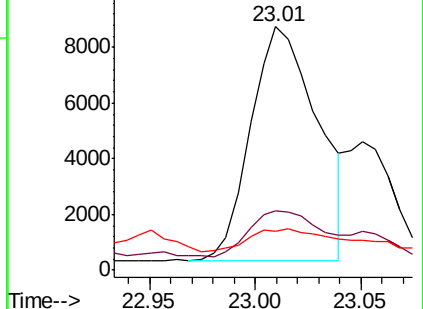
125 16.1 8.2 12.4#

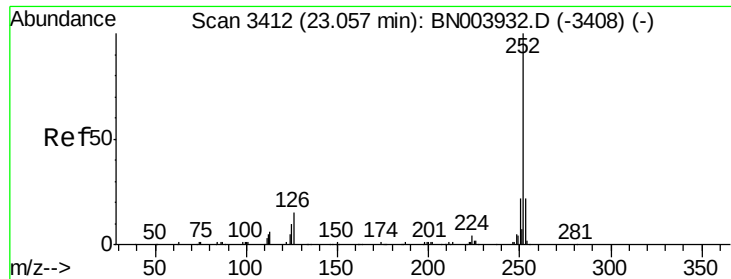


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 1.190 ng/ul

RT: 23.01 min Scan# 3404

Delta R.T. -0.05 min

Lab File: BN003938.D

Acq: 14 Dec 2018 19:06

Instrument :

BNA_N

ClientSampleId :

F9E01

Tgt Ion: 252 Resp: 18557

Ion Ratio Lower Upper

252 100

253 24.2 17.1 25.7

125 16.1 7.9 11.9#

