

Data File : BN009139.D
Acq On : 24 Dec 2019 23:21
Operator : JU
Sample : K6257-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFEW6

Quant Time: Dec 25 01:09:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 25 01:06:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	275038	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1283275	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.16	164	899133	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	1892631	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1804356	20.00	ng/ul	0.00
85) Perylene-d12	23.25	264	1913102	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	16766	2.78	ng/uL	0.00
5) Phenol-d5	6.72	99	360718	13.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	269314	16.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	296646	15.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	238082	11.28	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	162876	16.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	177459	16.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	310829	15.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	420909	17.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.58	166	1145191	16.96	ng/ul	0.00
46) Acenaphthylene-d8	13.85	160	1329527	16.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.38	143	149771	11.15	ng/ul	0.00
57) Fluorene-d10	15.16	176	979077	16.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	131281	11.12	ng/ul	0.00
70) Anthracene-d10	17.00	188	1570643	17.84	ng/ul	0.00
78) Pyrene-d10	19.30	212	1916696	20.36	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	1822326	18.91	ng/ul	0.00

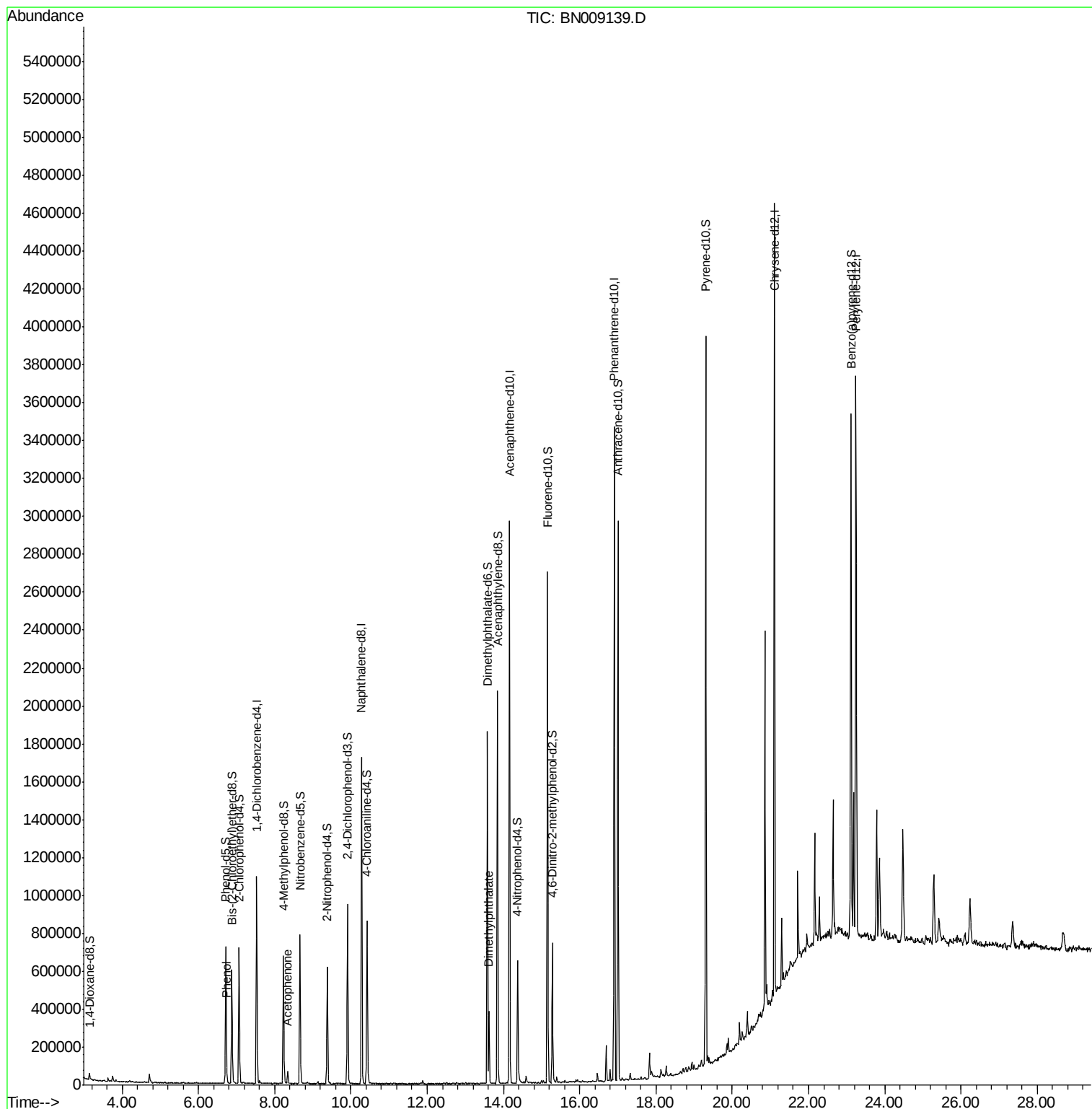
Target Compounds					Qvalue
6) Phenol	6.74	94	28274	1.046 ng/ul	93
14) Acetophenone	8.35	105	32729	1.012 ng/ul	91
44) Dimethylphthalate	13.62	163	223787	3.240 ng/ul	99

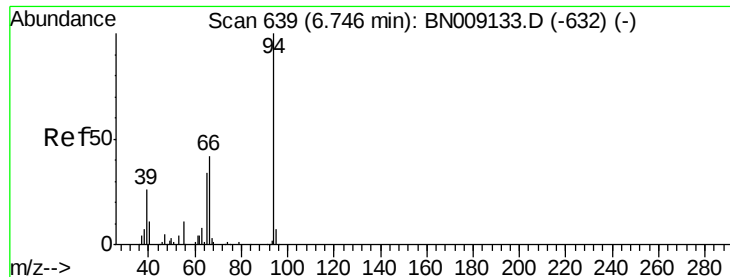
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.046 ng/ul

RT: 6.74 min Scan# 638

Delta R.T. -0.01 min

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BNA_N

ClientSampleId :

BFEW6

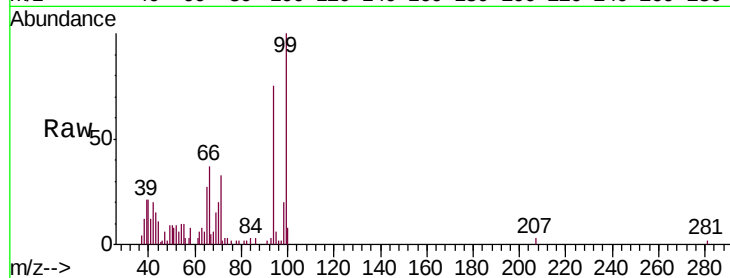
Tgt Ion: 94 Resp: 28274

Ion Ratio Lower Upper

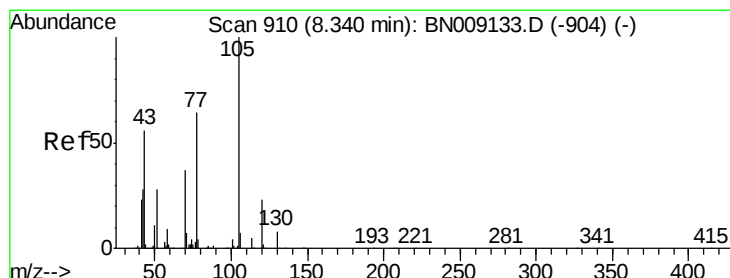
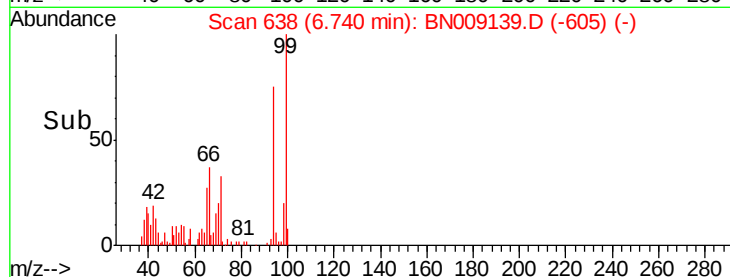
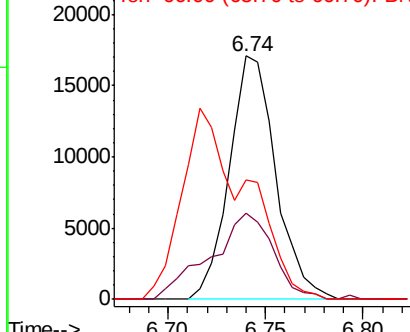
94 100

65 35.4 26.0 39.0

66 49.2 35.0 52.6



Abundance Ion 94.00 (93.70 to 94.70): BNC
Ion 65.00 (64.70 to 65.70): BNC
Ion 66.00 (65.70 to 66.70): BNC



#14

Acetophenone

Concen: 1.012 ng/ul

RT: 8.35 min Scan# 911

Delta R.T. 0.01 min

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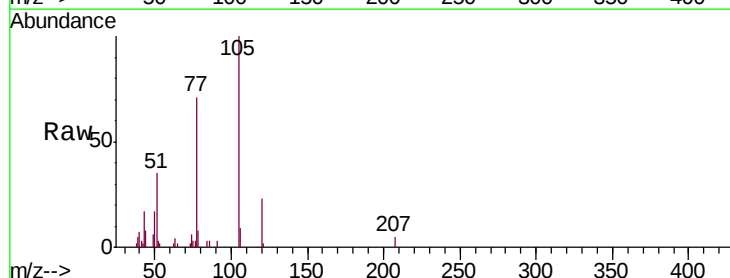
Tgt Ion: 105 Resp: 32729

Ion Ratio Lower Upper

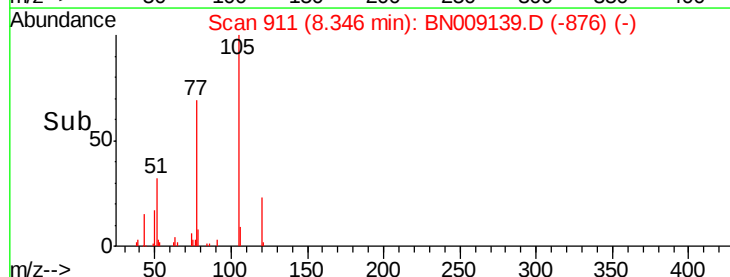
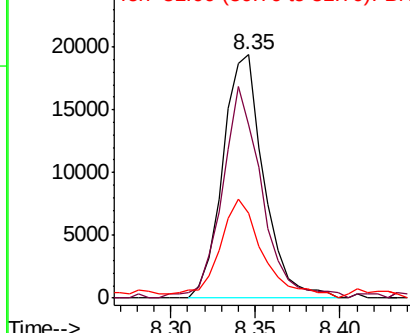
105 100

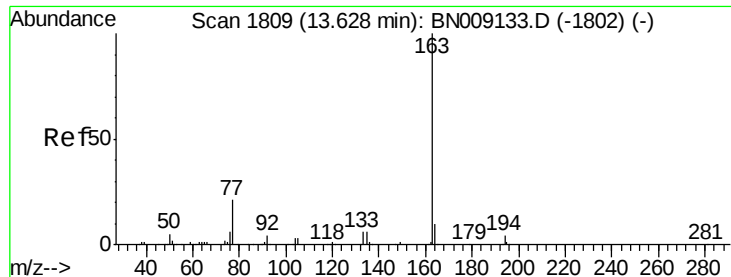
77 71.1 65.7 98.5

51 34.8 28.6 42.8



Abundance Ion 105.00 (104.70 to 105.70): BNC
Ion 77.00 (76.70 to 77.70): BNC
Ion 51.00 (50.70 to 51.70): BNC





#44

Dimethylphthalate

Concen: 3.240 ng/ul

RT: 13.62 min Scan# 1808

Delta R.T. -0.01 min

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Tgt Ion:163 Resp: 223787

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.2 8.3 12.5

