

Data File : BN009148.D
Acq On : 25 Dec 2019 04:43
Operator : JU
Sample : K6257-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFEW8

Quant Time: Dec 25 06:03:57 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	7.52	152	288092	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1328197	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.16	164	915162	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	1951594	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1788269	20.00	ng/ul	0.00
85) Perylene-d12	23.25	264	1813644	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	13724	2.18	ng/uL	0.00
5) Phenol-d5	6.72	99	352917	12.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	273189	15.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	285163	14.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	180948	8.18	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	159590	15.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	172291	15.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	298485	14.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	125921	4.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	1056770	15.37	ng/ul	0.00
46) Acenaphthylene-d8	13.85	160	1329507	16.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	109612	8.02	ng/ul	0.00
57) Fluorene-d10	15.16	176	1001896	16.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	115600	9.49	ng/ul	0.00
70) Anthracene-d10	17.00	188	1535831	16.92	ng/ul	0.00
78) Pyrene-d10	19.30	212	1845291	19.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	1567026	17.15	ng/ul	0.00

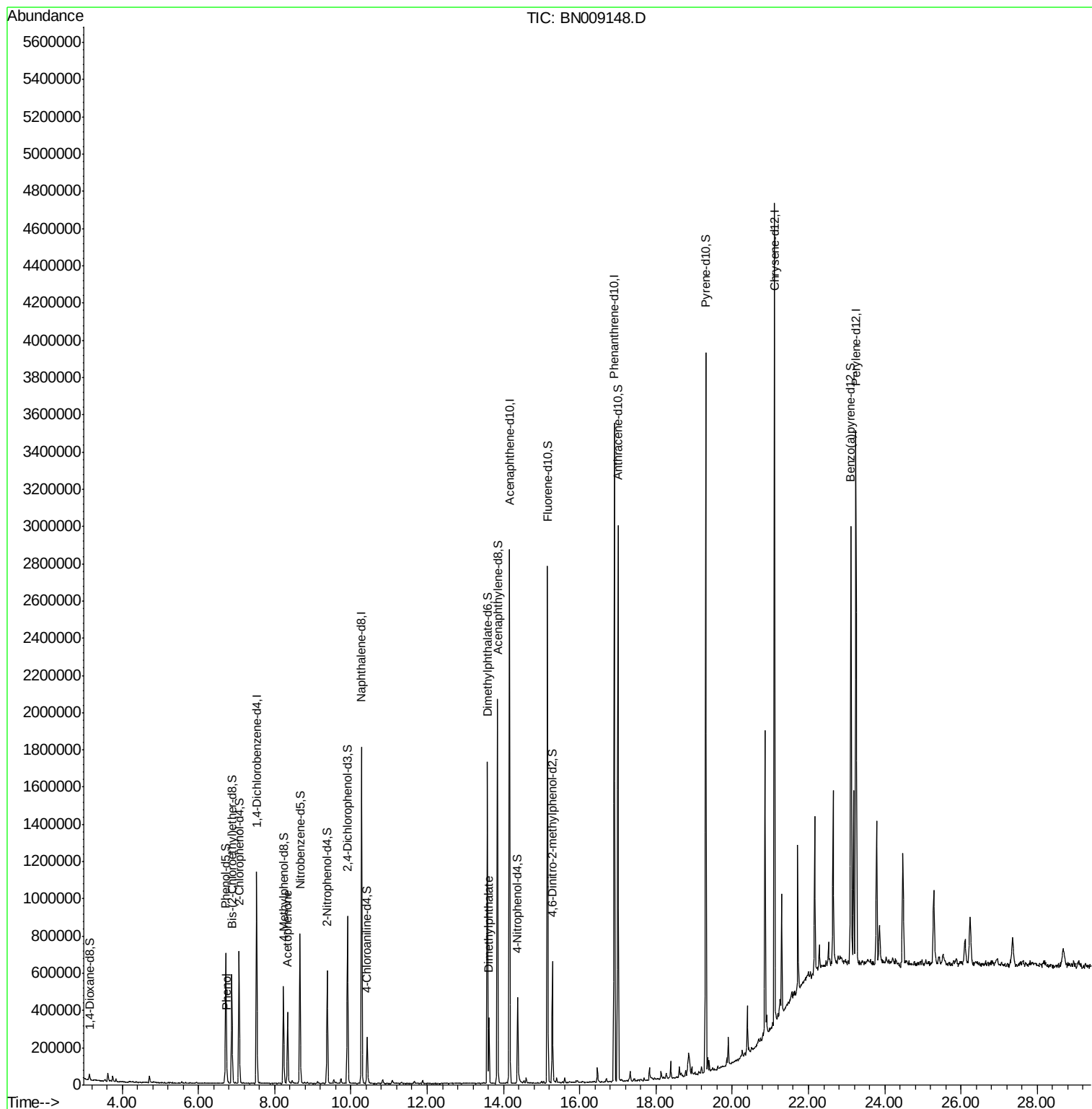
Target Compounds					Qvalue
6) Phenol	6.75	94	48129	1.699 ng/ul	97
14) Acetophenone	8.34	105	190382	5.619 ng/ul	100
44) Dimethylphthalate	13.62	163	210352	2.992 ng/ul	98

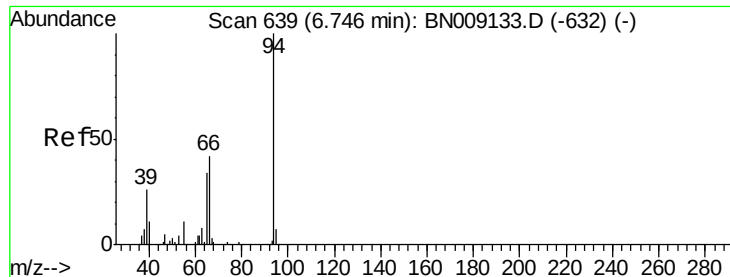
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.699 ng/ul

RT: 6.75 min Scan# 639

Delta R.T. 0.00 min

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BNA_N

ClientSampleId :

BFEW8

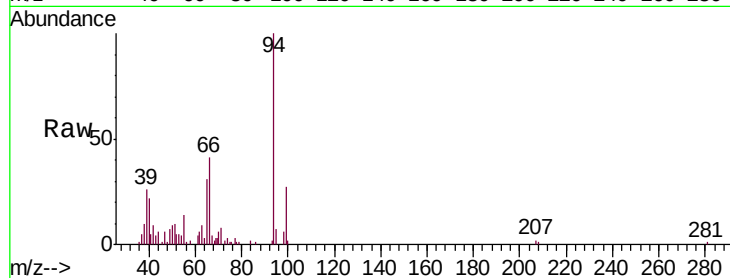
Tgt Ion: 94 Resp: 48129

Ion Ratio Lower Upper

94 100

65 31.4 26.0 39.0

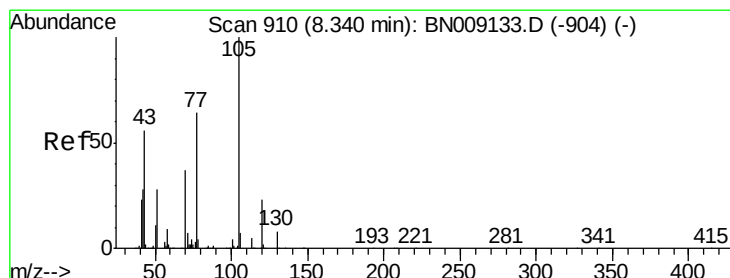
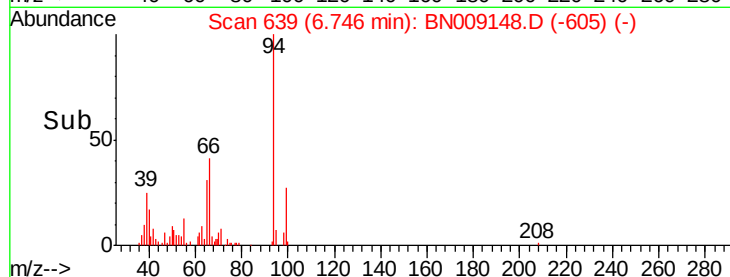
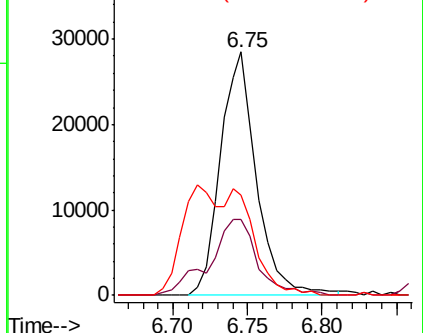
66 41.3 35.0 52.6



Abundance Ion 94.00 (93.70 to 94.70): BN009133.D (-632) (-)

Ion 65.00 (64.70 to 65.70): BN009133.D (-632) (-)

Ion 66.00 (65.70 to 66.70): BN009133.D (-632) (-)



#14

Acetophenone

Concen: 5.619 ng/ul

RT: 8.34 min Scan# 910

Delta R.T. 0.00 min

Lab File: BN009148.D

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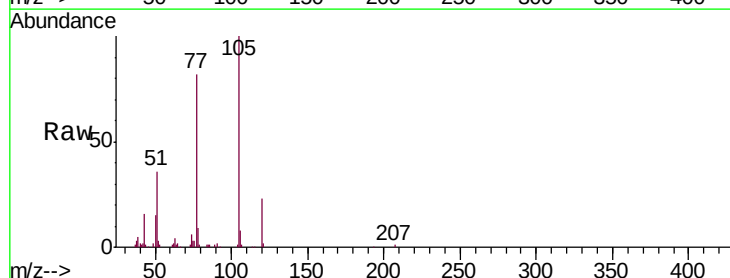
Tgt Ion: 105 Resp: 190382

Ion Ratio Lower Upper

105 100

77 82.0 65.7 98.5

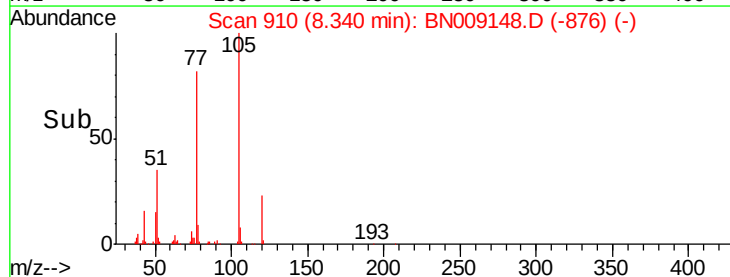
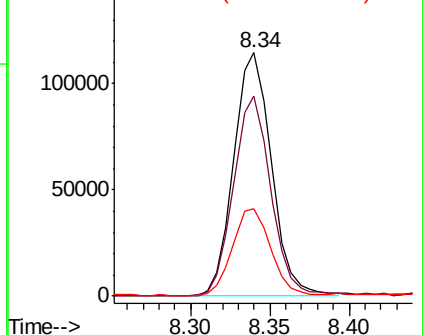
51 35.7 28.6 42.8

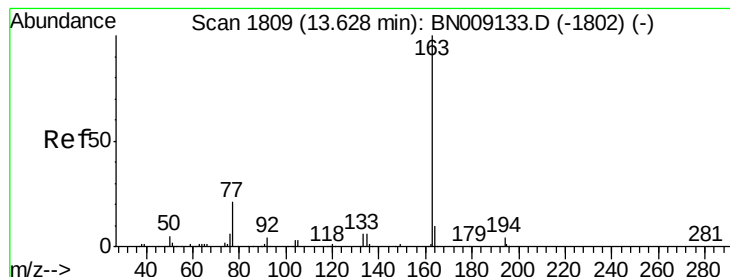


Abundance Ion 105.00 (104.70 to 105.70): BN009133.D (-904) (-)

Ion 77.00 (76.70 to 77.70): BN009133.D (-904) (-)

Ion 51.00 (50.70 to 51.70): BN009133.D (-904) (-)





#44

Dimethylphthalate

Concen: 2.992 ng/ul

RT: 13.62 min Scan# 1808

Delta R.T. -0.01 min

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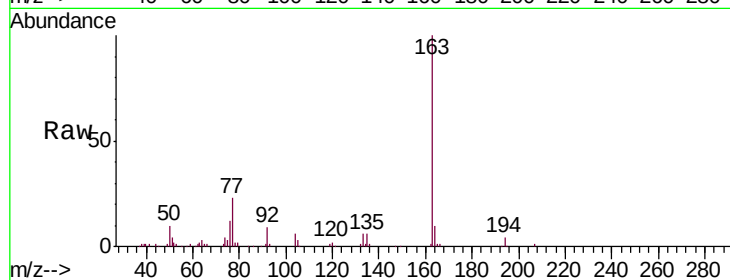
Tgt Ion:163 Resp: 210352

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 9.6 8.3 12.5



Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

