

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
 Data File : BN009480.D
 Acq On : 30 Jan 2020 18:30
 Operator : CG/JU
 Sample : L1301-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 31 00:31:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 22 15:13:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	146407	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	618001	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.09	164	394270	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	806082	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	709502	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	772548	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	15014	4.24	ng/uL	0.00
5) Phenol-d5	6.65	99	89480	6.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	297202	32.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	270802	28.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	182634	17.67	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	173916	38.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	190746	40.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	335878	35.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	15249	1.35	ng/ul	0.01
43) Dimethylphthalate-d6	13.52	166	1136761	38.96	ng/ul	0.00
46) Acenaphthylene-d8	13.78	160	1386958	40.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	31134	5.73	ng/ul	0.00
57) Fluorene-d10	15.09	176	992929	38.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	165293	33.86	ng/ul	0.00
70) Anthracene-d10	16.95	188	1521852	40.81	ng/ul	0.00
78) Pyrene-d10	19.25	212	1626138	42.60	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.04	264	1558994	39.98	ng/ul	0.00

Target Compounds

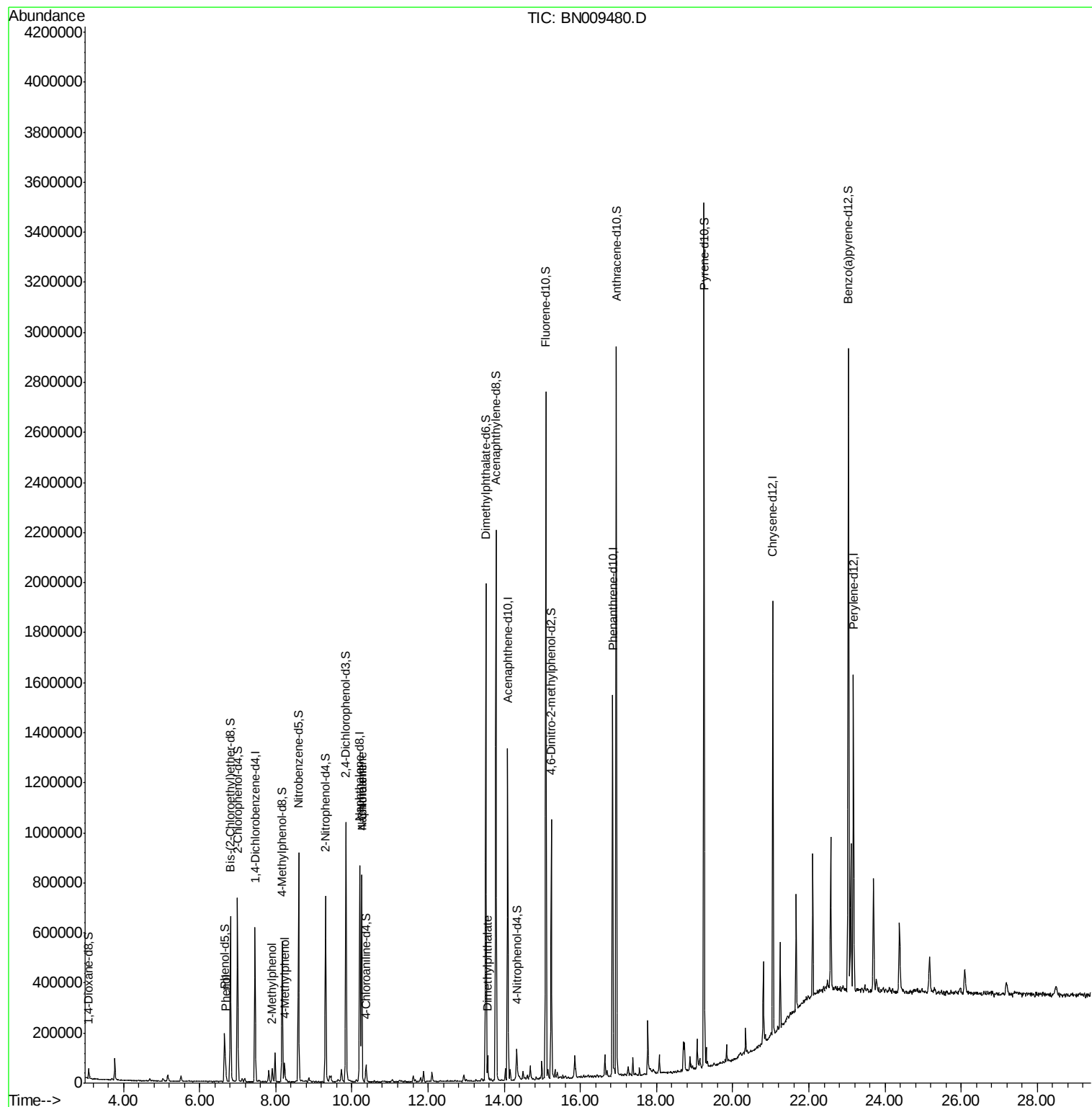
					Ovalue
6) Phenol	6.68	94	34899	2.566	ng/ul 91
11) 2-Methylphenol	7.91	108	14438	1.437	ng/ul 88
16) 4-Methylphenol	8.23	108	24385	2.217	ng/ul 86
28) Naphthalene	10.26	128	595658	17.911	ng/ul 98
30) 4-Chloroaniline	10.26	127	77938	6.851	ng/ul# 12
44) Dimethylphthalate	13.56	163	55449	1.846	ng/ul 99

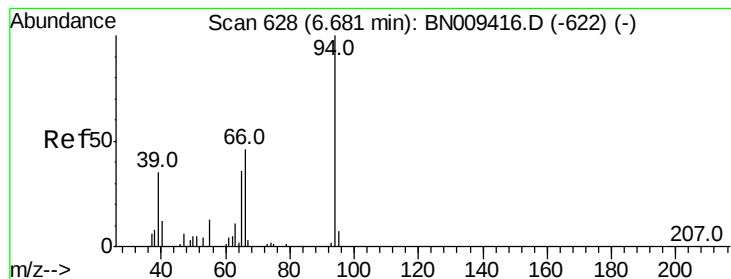
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.566 ng/ul

RT: 6.68 min Scan# 628

Delta R.T. -0.00 min

Lab File: BN009480.D

Acq: 30 Jan 2020 18:30

Instrument :

BNA_N

ClientSampled :

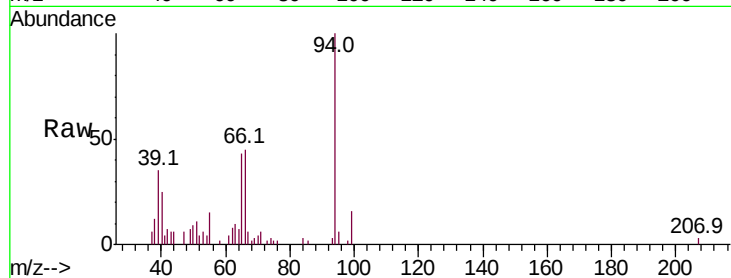
Tot Ion: 94 Resp: 34899

Ion Ratio Lower Upper

94 100

65 43.0 29.4 44.0

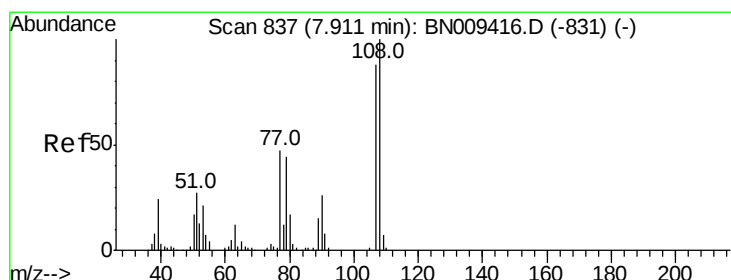
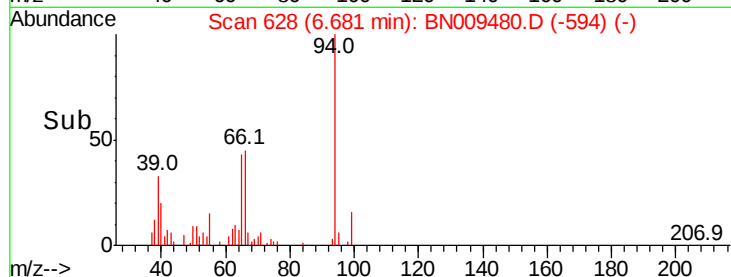
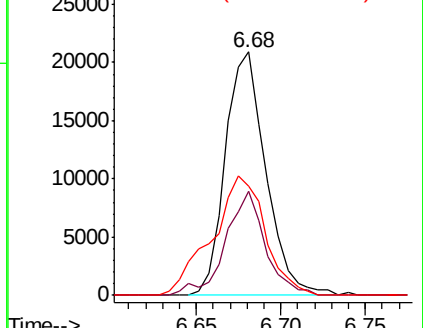
66 44.8 39.8 59.8



Abundance Ion 94.00 (93.70 to 94.70): BN009416.D (-622) (-)

Ion 65.00 (64.70 to 65.70): BN009416.D (-622) (-)

Ion 66.00 (65.70 to 66.70): BN009416.D (-622) (-)



#11

2-Methylphenol

Concen: 1.437 ng/ul

RT: 7.91 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN009480.D

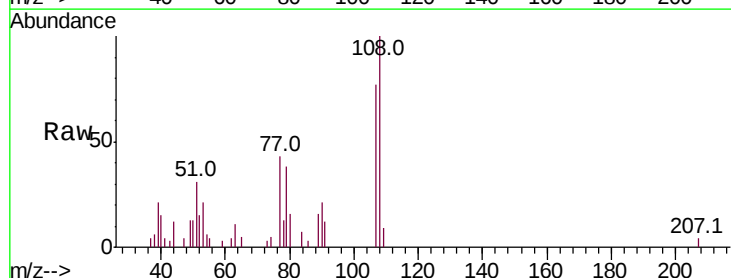
Acq: 30 Jan 2020 18:30

Tgt Ion: 108 Resp: 14438

Ion Ratio Lower Upper

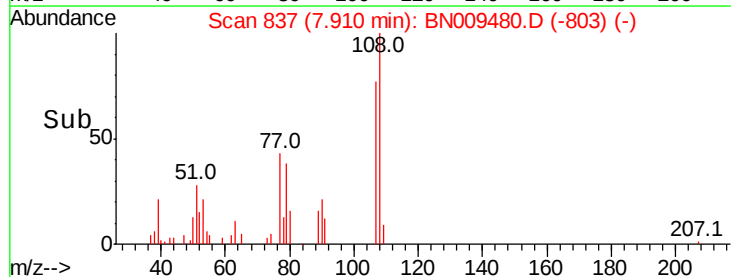
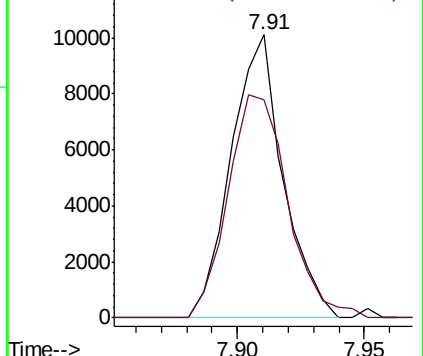
108 100

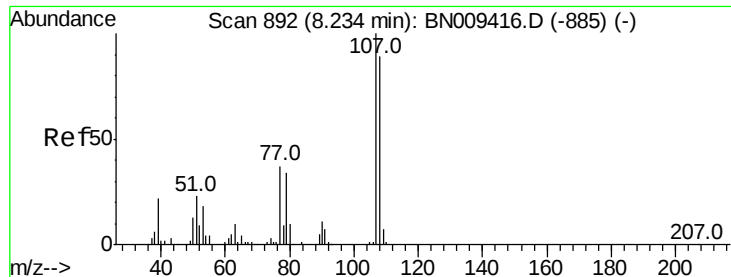
107 77.0 70.7 106.1



Abundance Ion 108.00 (107.70 to 108.70): BN009416.D (-831) (-)

Ion 107.00 (106.70 to 107.70): BN009416.D (-831) (-)





#16

4-Methylphenol

Concen: 2.217 ng/ul

RT: 8.23 min Scan# 892

Delta R.T. -0.00 min

Lab File: BN009480.D

Acq: 30 Jan 2020 18:30

Instrument :

BNA_N

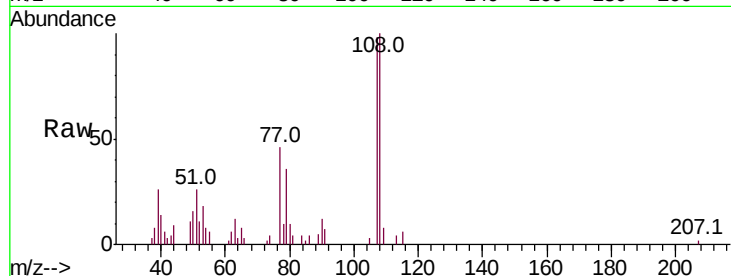
ClientSampleId :

Tot Ion:108 Resp: 24385

Ion Ratio Lower Upper

108 100

107 98.0 90.2 135.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.23

15000

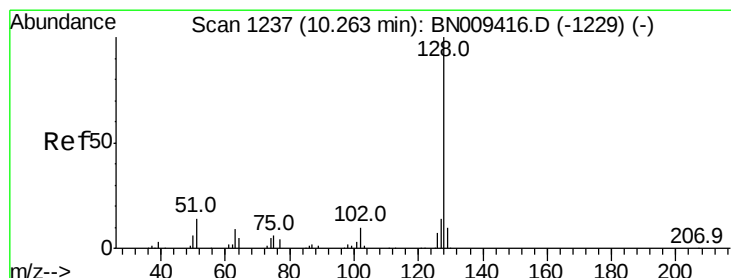
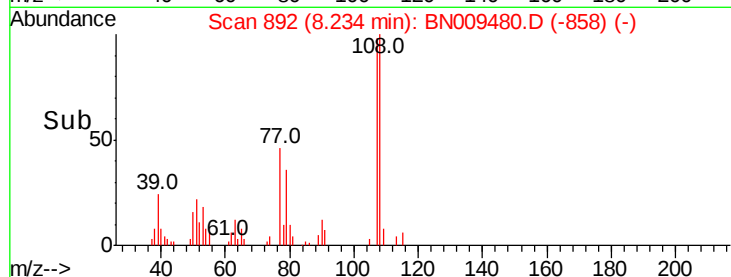
10000

5000

0

8.20 8.25 8.30

Time-->



#28

Naphthalene

Concen: 17.911 ng/ul

RT: 10.26 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BN009480.D

Acq: 30 Jan 2020 18:30

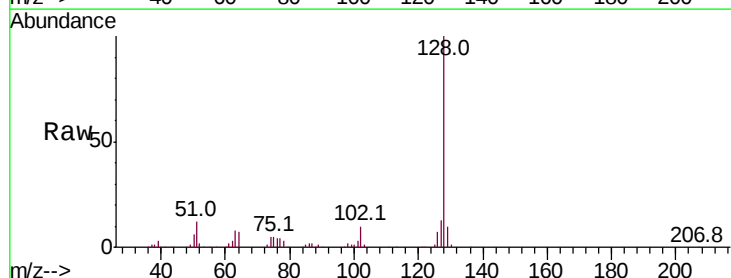
Tgt Ion:128 Resp: 595658

Ion Ratio Lower Upper

128 100

129 10.3 8.1 12.1

127 12.8 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

500000

400000

300000

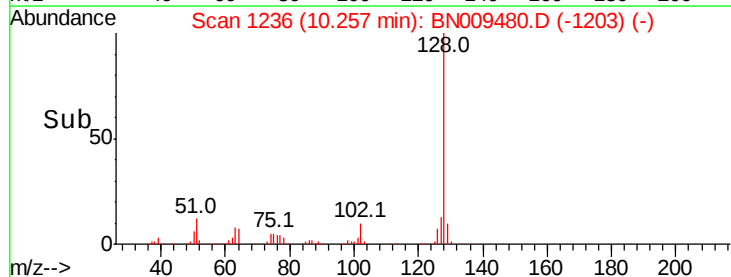
200000

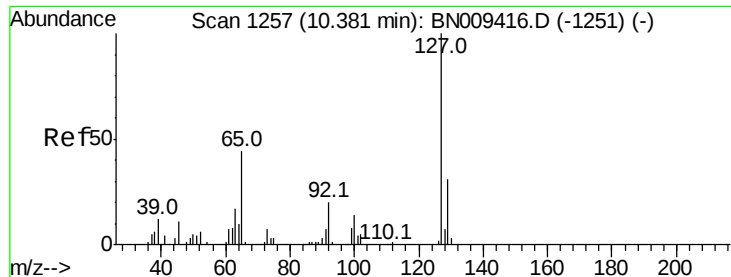
100000

0

10.20 10.25 10.30

Time-->

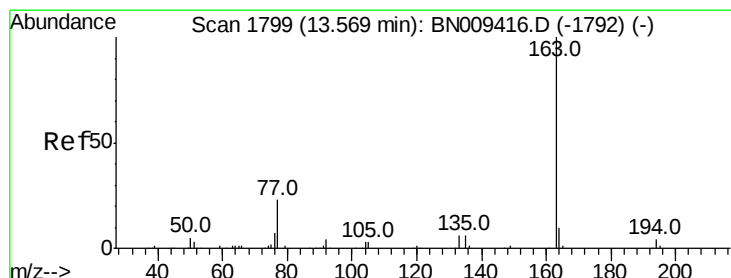
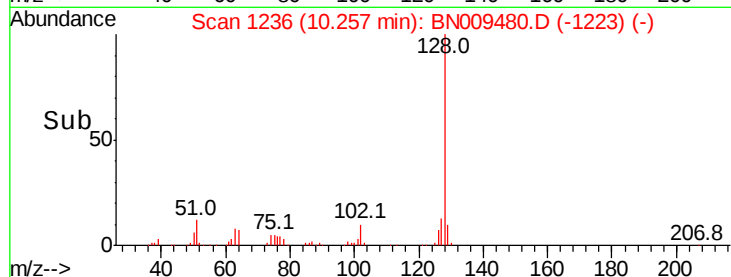
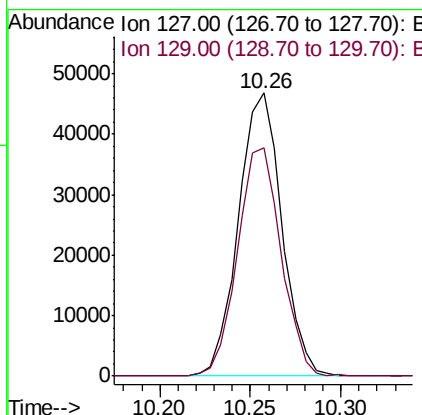
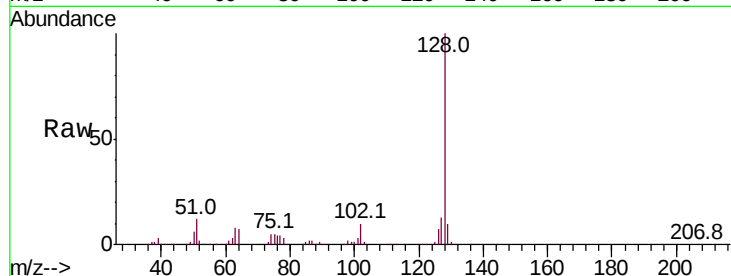




#30
4-Chloroaniline
Concen: 6.851 ng/ul
RT: 10.26 min Scan# 1236
Delta R.T. -0.12 min
Lab File: BN009480.D
Acq: 30 Jan 2020 18:30

Instrument :
BNA_N
ClientSampled :

Tot Ion:127 Resp: 77938
Ion Ratio Lower Upper
127 100
129 80.7 25.4 38.2#



#44
Dimethylphthalate
Concen: 1.846 ng/ul
RT: 13.56 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BN009480.D
Acq: 30 Jan 2020 18:30

Tgt Ion:163 Resp: 55449
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 9.8 8.3 12.5

