

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
 Data File : BN005574.D
 Acq On : 09 May 2019 20:00
 Operator : JU/SJ
 Sample : K2606-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5144

Quant Time: May 10 01:48:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 07 05:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	280092	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1257615	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	788722	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1602849	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1169587	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	1244056	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	16205	2.79	ng/uL	0.00
5) Phenol-d5	6.77	99	457454	20.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	258195	18.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	377306	22.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	376902	21.92	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	207982	26.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	234400	29.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	426793	23.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	114379	6.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1370092	23.93	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1775498	25.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	169711	18.77	ng/ul	0.00
57) Fluorene-d10	15.22	176	1184017	24.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	89644	12.43	ng/ul	0.00
70) Anthracene-d10	17.07	188	1680397	25.01	ng/ul	0.00
78) Pyrene-d10	19.39	212	1570227	26.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	1363399	25.08	ng/ul	0.03

Target Compounds

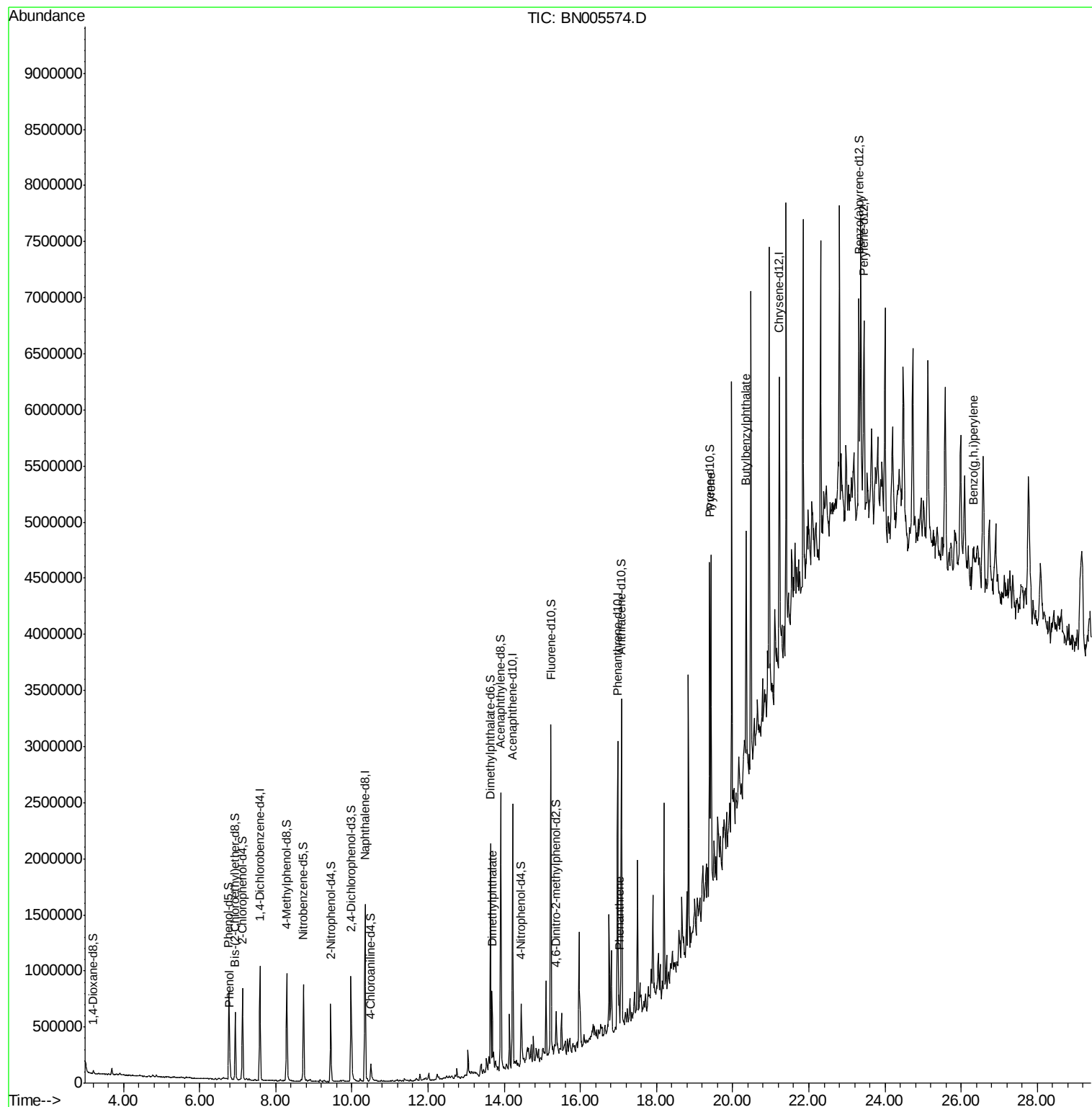
					Ovalue
6) Phenol	6.80	94	61538	2.720 ng/ul	95
44) Dimethylphthalate	13.69	163	431483	7.563 ng/ul	99
69) Phenanthrene	17.02	178	158747	2.034 ng/ul	97
79) Pyrene	19.42	202	82625	1.097 ng/ul#	95
80) Butylbenzylphthalate	20.35	149	34731	1.165 ng/ul#	63
93) Benzo(a,h,i)perylene	26.34	276	75507	1.257 ng/ul#	56

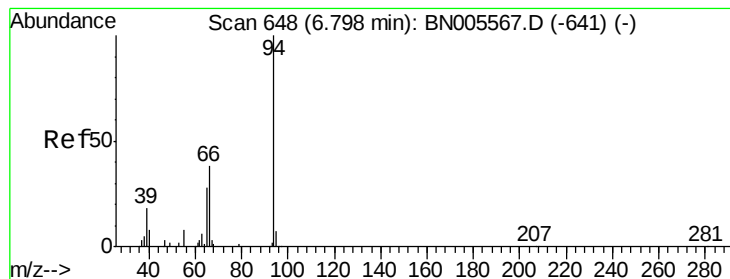
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.720 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BN005574.D

Acq: 09 May 2019 20:00

Instrument :

BNA_N

ClientSampleId :

A5144

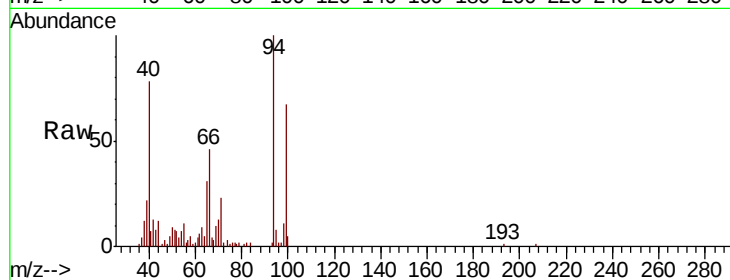
Tot Ion: 94 Resp: 61538

Ion Ratio Lower Upper

94 100

65 31.4 24.2 36.4

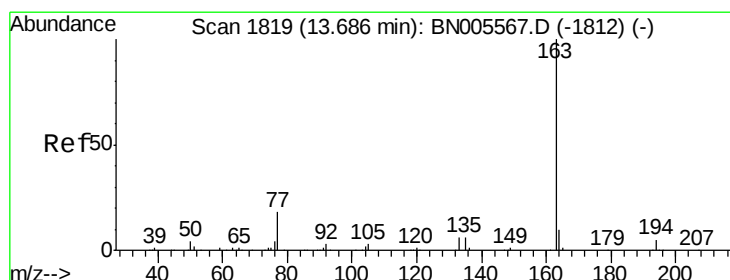
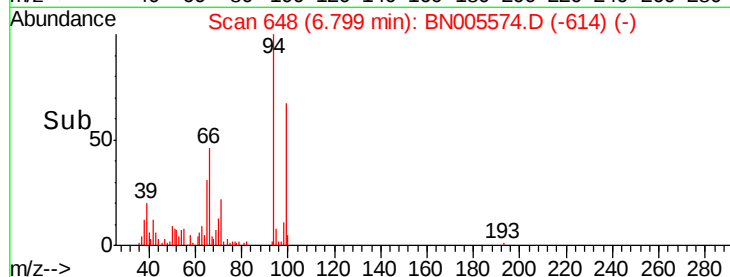
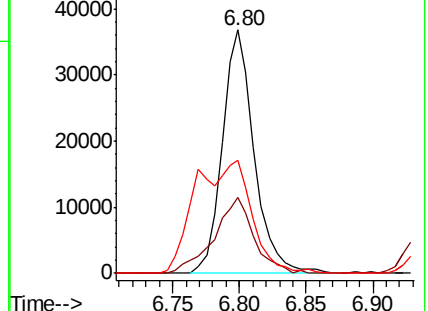
66 46.4 33.8 50.6



Abundance Ion 94.00 (93.70 to 94.70): BN005567.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BN005567.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BN005567.D (-641) (-)



#44

Dimethylphthalate

Concen: 7.563 ng/ul

RT: 13.69 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BN005574.D

Acq: 09 May 2019 20:00

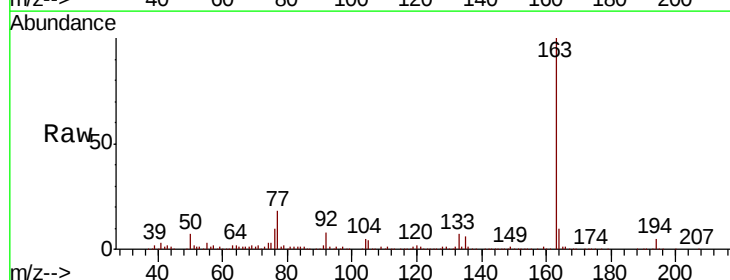
Tgt Ion: 163 Resp: 431483

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

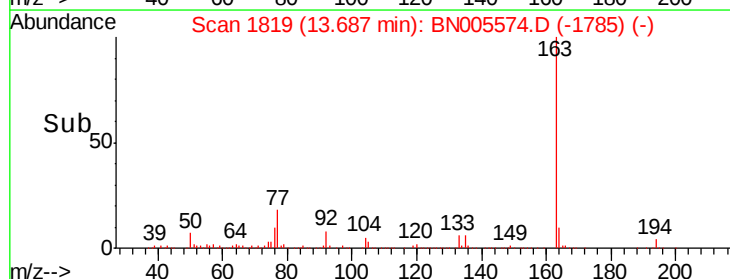
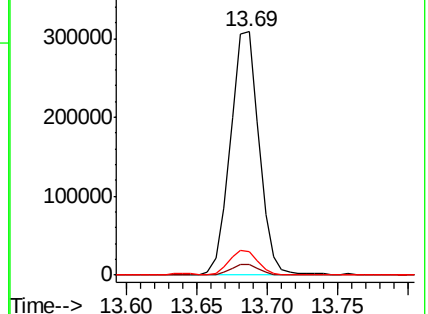
164 9.8 8.1 12.1

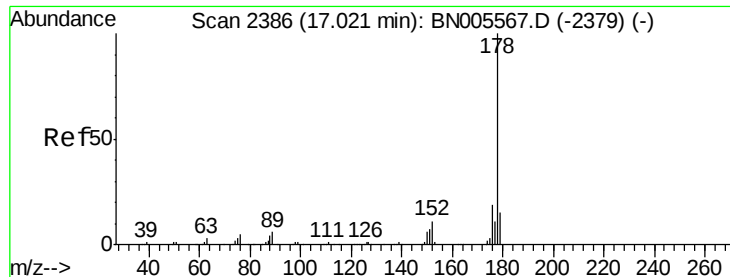


Abundance Ion 163.00 (162.70 to 163.70): BN005567.D (-1812) (-)

Ion 194.00 (193.70 to 194.70): BN005567.D (-1812) (-)

Ion 164.00 (163.70 to 164.70): BN005567.D (-1812) (-)





#69

Phenanthrene

Concen: 2.034 ng/ul

RT: 17.02 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BN005574.D

Acq: 09 May 2019 20:00

Instrument :

BNA_N

ClientSampleId :

A5144

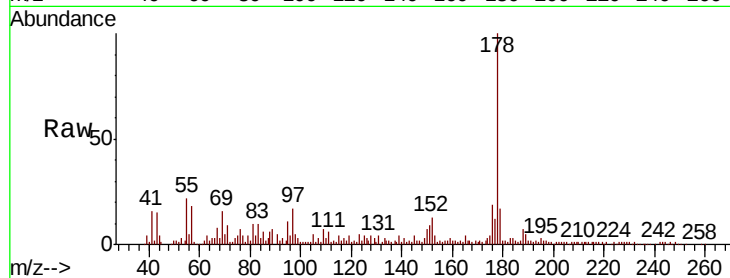
Tot Ion:178 Resp: 158747

Ion Ratio Lower Upper

178 100

179 17.2 12.2 18.4

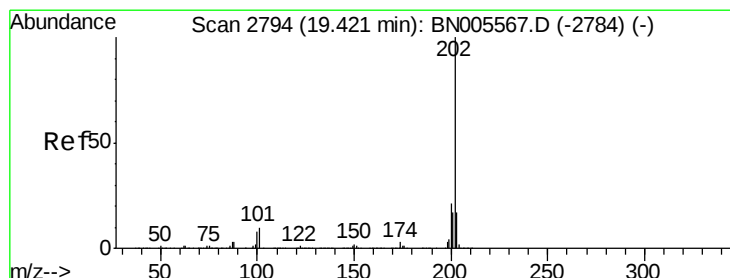
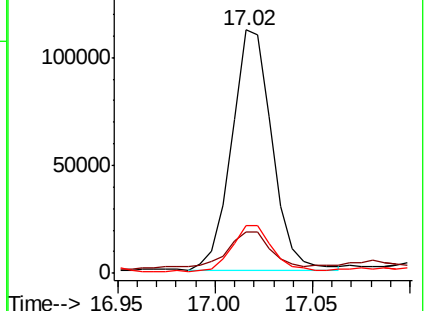
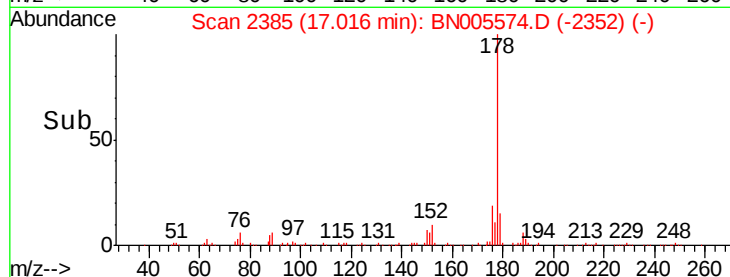
176 19.4 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#79

Pyrene

Concen: 1.097 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BN005574.D

Acq: 09 May 2019 20:00

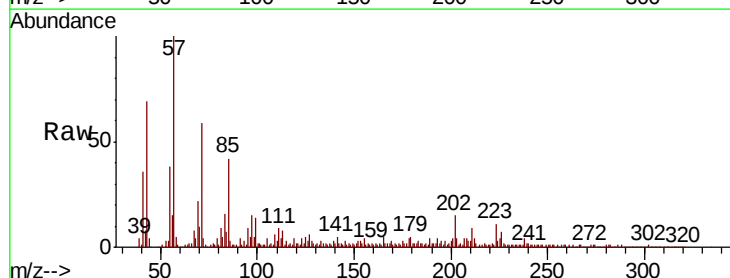
Tgt Ion:202 Resp: 82625

Ion Ratio Lower Upper

202 100

101 12.4 10.3 15.5

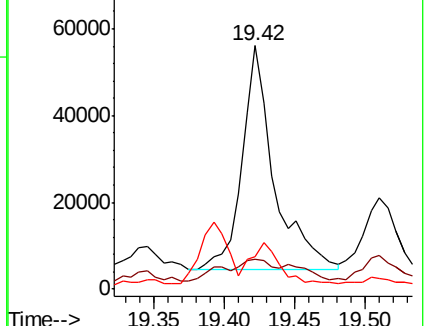
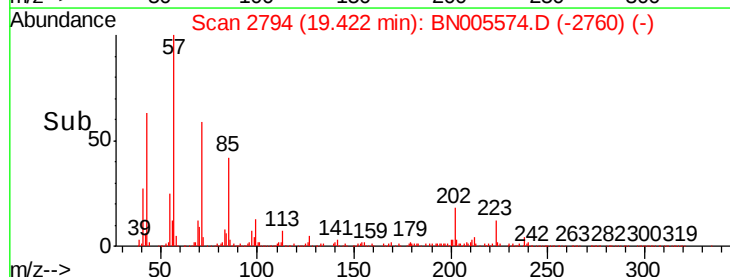
100 13.4 7.9 11.9#

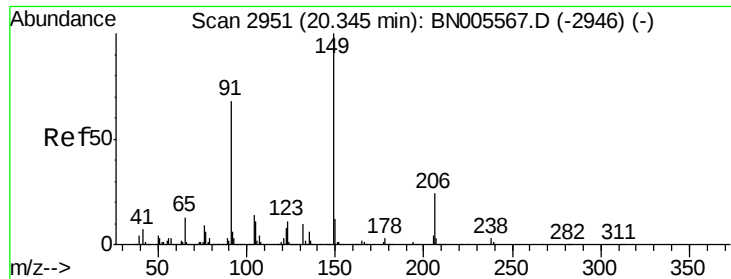


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

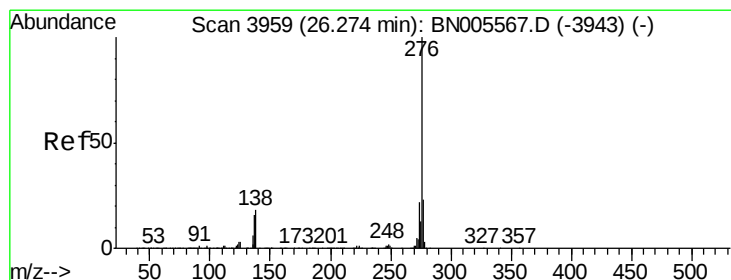
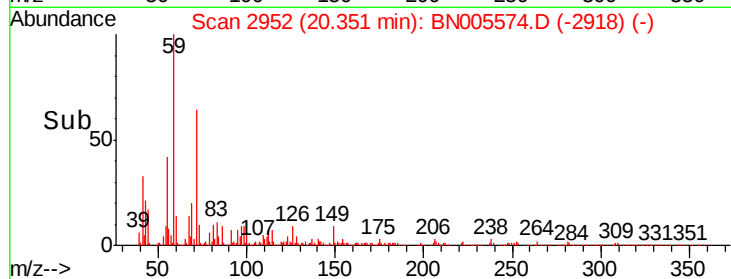
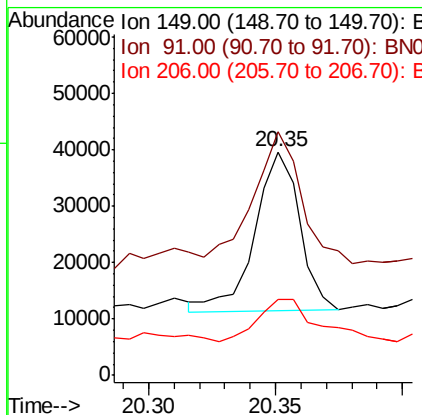
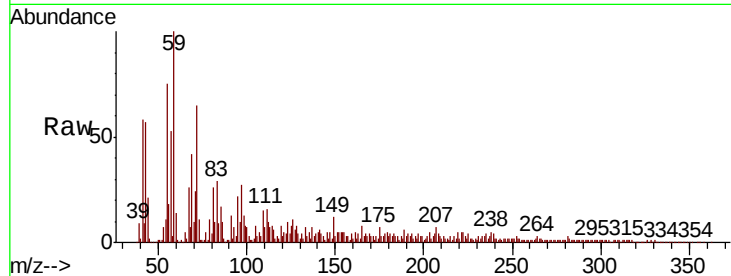




#80
Butylbenzylphthalate
Concen: 1.165 ng/ul
RT: 20.35 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BN005574.D
Acq: 09 May 2019 20:00

Instrument :
BNA_N
ClientSampled :
A5144

Tot Ion	Ratio	Lower	Upper
149	100		
91	108.9	59.6	89.4#
206	33.9	17.8	26.8#



#93
Benzo(g,h,i)perylene
Concen: 1.257 ng/ul
RT: 26.34 min Scan# 3970
Delta R.T. 0.06 min
Lab File: BN005574.D
Acq: 09 May 2019 20:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.3	16.7	25.1#
277	50.0	18.2	27.2#

