

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005879.D
 Acq On : 23 May 2019 08:08
 Operator : JU/SJ
 Sample : K2927-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 23 09:38:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	91305	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	398776	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	266764	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	691641	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	784601	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	790943	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	8961	5.49	ng/uL	0.00
5) Phenol-d5	6.76	99	171510	24.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	110172	29.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	159280	28.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	138552	22.96	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	86768	29.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	91469	27.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	161628	25.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	170873	24.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	626044	30.50	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	783727	31.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	29057	10.05	ng/ul	0.04
57) Fluorene-d10	15.20	176	578364	32.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	23662	5.69	ng/ul	0.01
70) Anthracene-d10	17.06	188	951718	31.85	ng/ul	0.00
78) Pyrene-d10	19.37	212	1176472	30.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1085929	30.61	ng/ul	0.02

Target Compounds

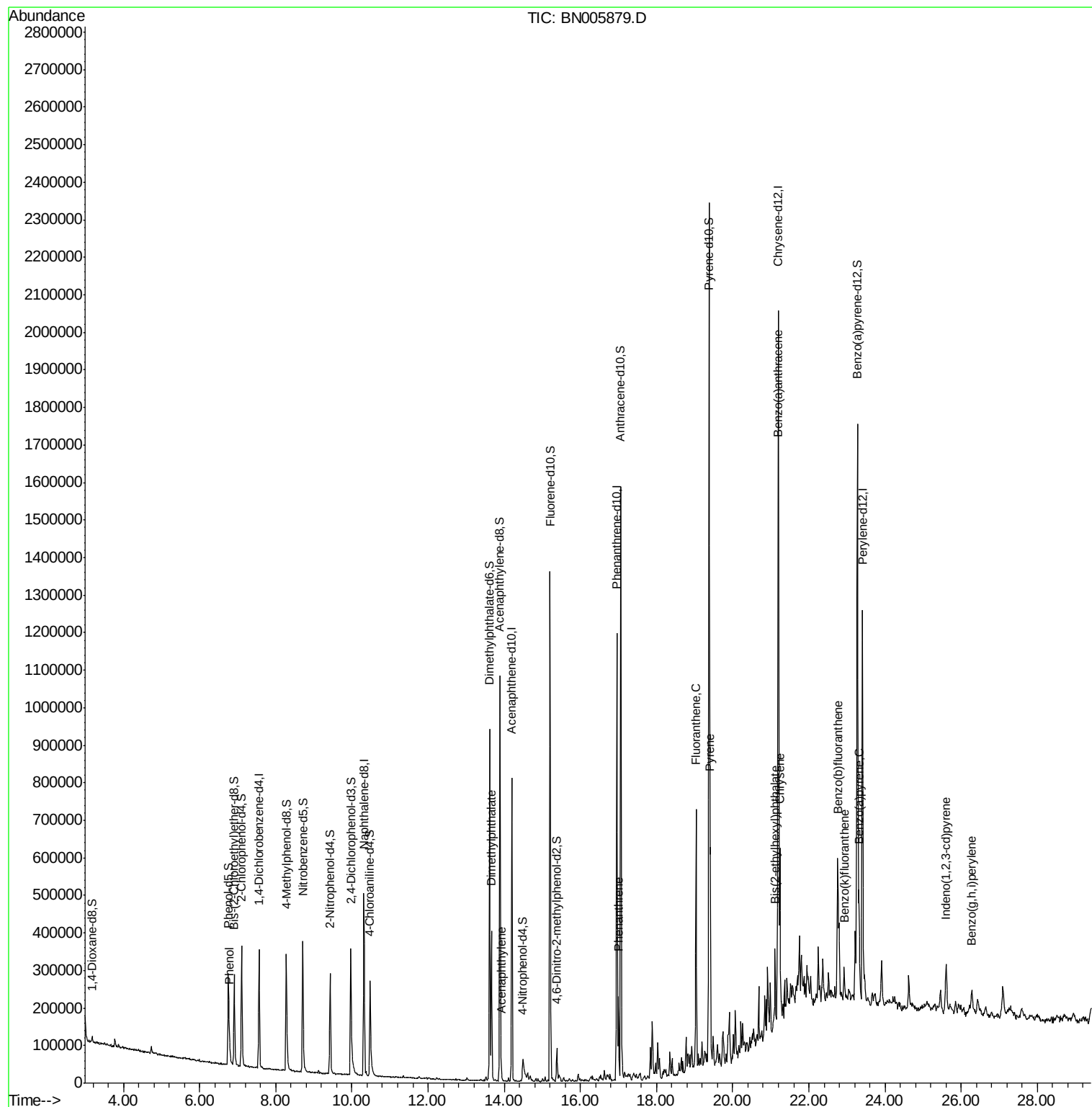
					Ovalue	
6) Phenol	6.79	94	8510	1.183	ng/ul#	60
44) Dimethylphthalate	13.66	163	266764	13.182	ng/ul	99
47) Acenaphthylene	13.92	152	26176	1.090	ng/ul	98
69) Phenanthrene	17.00	178	134498	3.923	ng/ul	99
76) Fluoranthene	19.04	202	398881	9.410	ng/ul#	90
79) Pyrene	19.40	202	380642	7.900	ng/ul#	87
82) Benzo(a)anthracene	21.19	228	273011	5.523	ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.12	149	67371	2.406	ng/ul#	99
84) Chrysene	21.24	228	278472	5.976	ng/ul	98
87) Benzo(b)fluoranthene	22.76	252	315905	7.260	ng/ul#	96
88) Benzo(k)fluoranthene	22.93	252	64924	1.542	ng/ul	94
90) Benzo(a)pyrene	23.32	252	207696	4.929	ng/ul#	94
91) Indeno(1,2,3-cd)pyrene	25.60	276	116352	2.259	ng/ul#	88
93) Benzo(g,h,i)perylene	26.28	276	73606	1.709	ng/ul	95

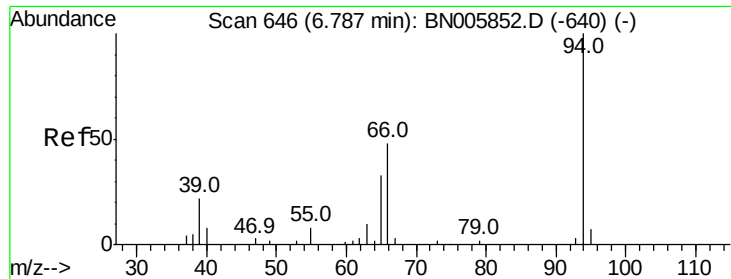
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.183 ng/ul

RT: 6.79 min Scan# 646

Delta R.T. -0.00 min

Lab File: BN005879.D

Acq: 23 May 2019 08:08

Instrument :

BNA_N

ClientSampleId :

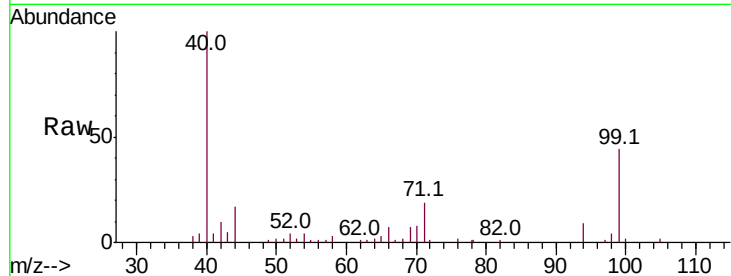
Tot Ion: 94 Resp: 8510

Ion Ratio Lower Upper

94 100

65 37.6 24.2 36.4#

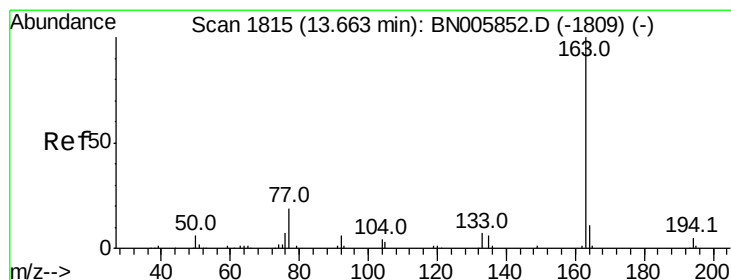
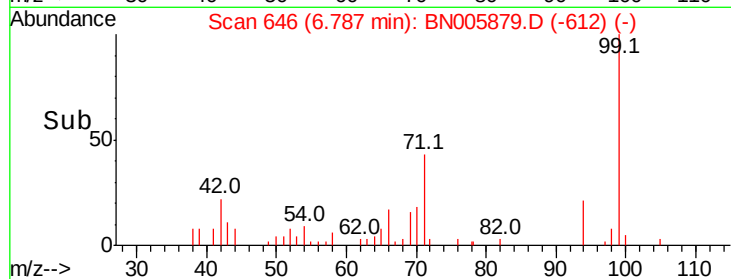
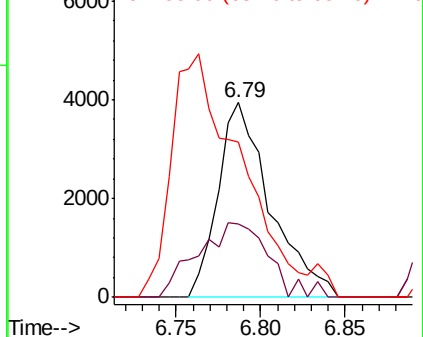
66 79.7 33.8 50.6#



Abundance Ion 94.00 (93.70 to 94.70): BN005852.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BN005852.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BN005852.D (-640) (-)



#44

Dimethylphthalate

Concen: 13.182 ng/ul

RT: 13.66 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BN005879.D

Acq: 23 May 2019 08:08

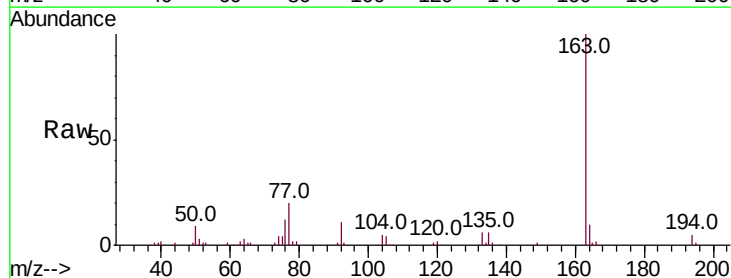
Tgt Ion:163 Resp: 266764

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.0

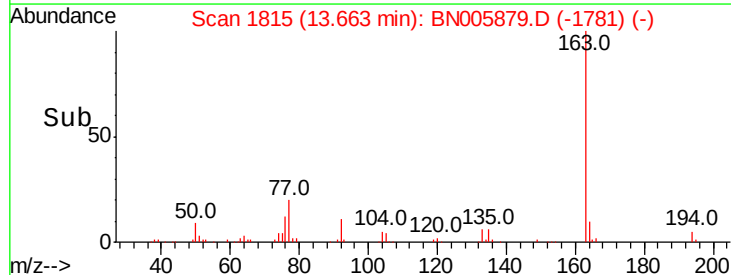
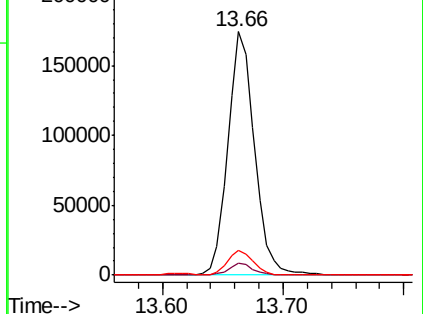
164 10.1 8.1 12.1

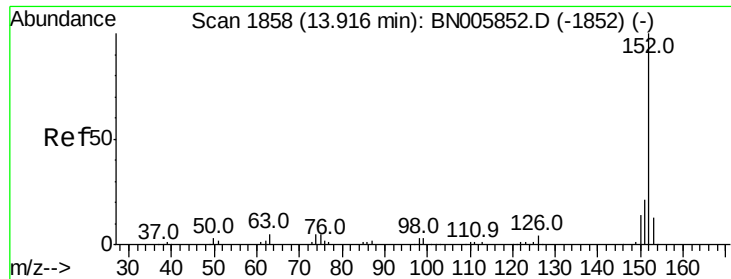


Abundance Ion 163.00 (162.70 to 163.70): BN005852.D (-1809) (-)

Ion 194.00 (193.70 to 194.70): BN005852.D (-1809) (-)

Ion 164.00 (163.70 to 164.70): BN005852.D (-1809) (-)





#47

Acenaphthylene

Concen: 1.090 ng/ul

RT: 13.92 min Scan# 1859

Delta R.T. 0.01 min

Lab File: BN005879.D

Acq: 23 May 2019 08:08

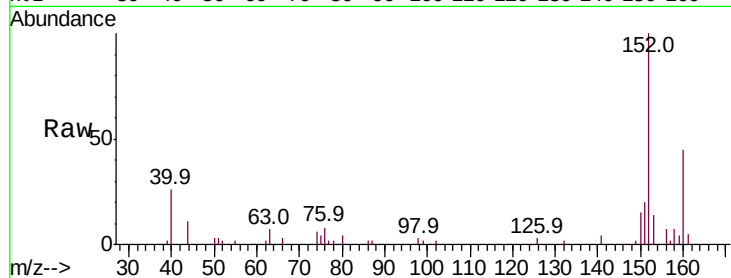
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 26176

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	14.0	9.8	14.8

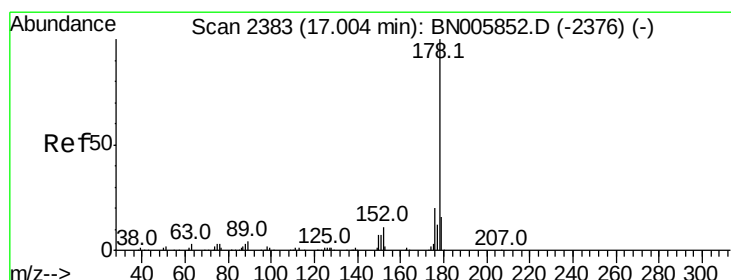
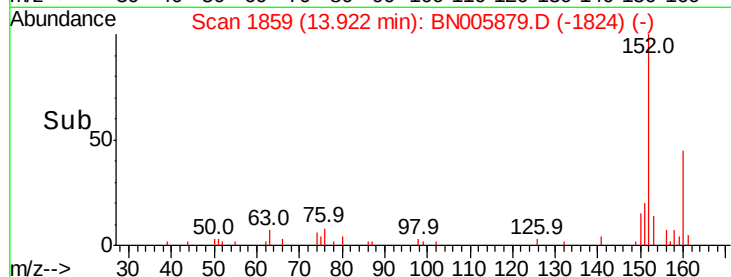
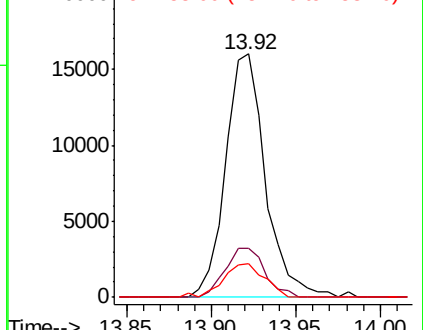


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#69

Phenanthrene

Concen: 3.923 ng/ul

RT: 17.00 min Scan# 2382

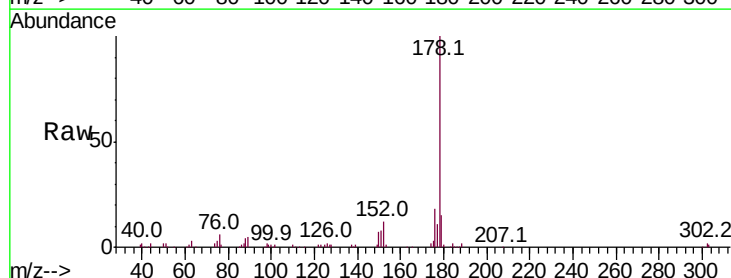
Delta R.T. -0.01 min

Lab File: BN005879.D

Acq: 23 May 2019 08:08

Tgt Ion:178 Resp: 134498

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.4
176	18.1	15.1	22.7

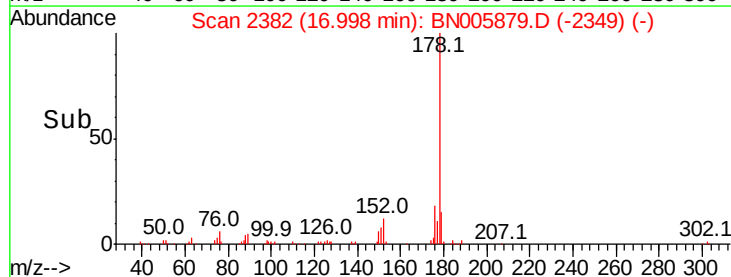
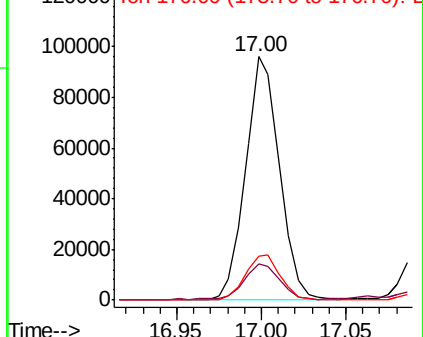


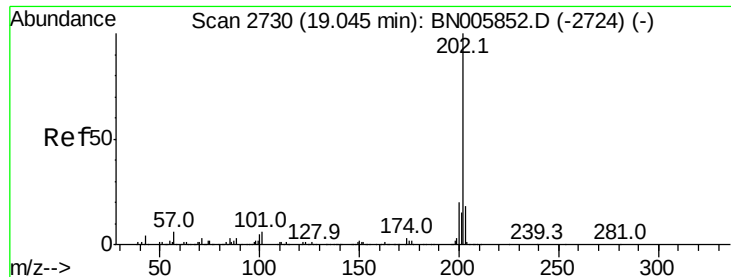
Abundance

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

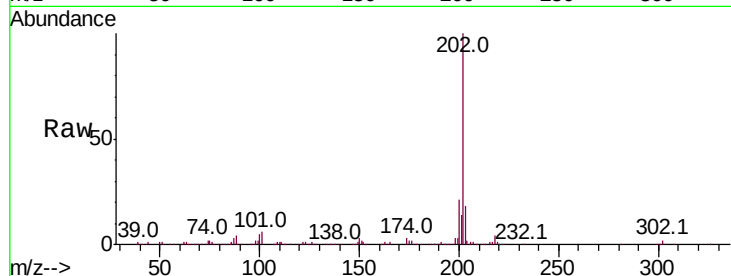




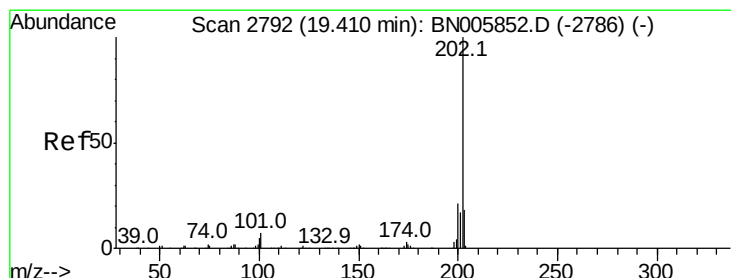
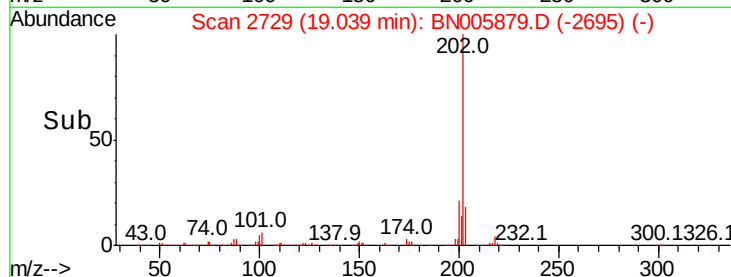
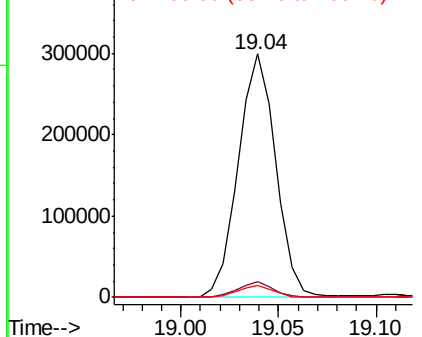
#76
 Fluoranthene
 Concen: 9.410 ng/ul
 RT: 19.04 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: BN005879.D
 Acq: 23 May 2019 08:08

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	6.3	8.6	12.8#
100	5.1	6.3	9.5#

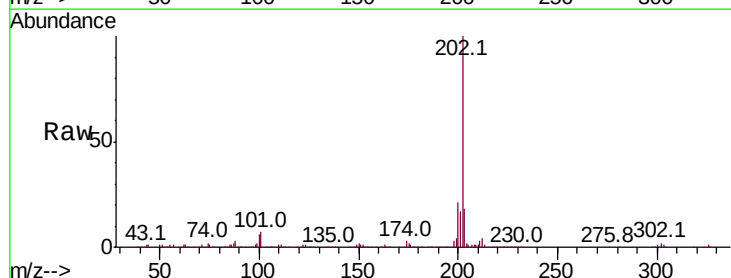


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

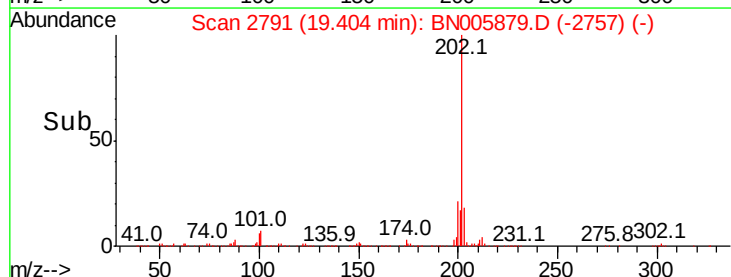
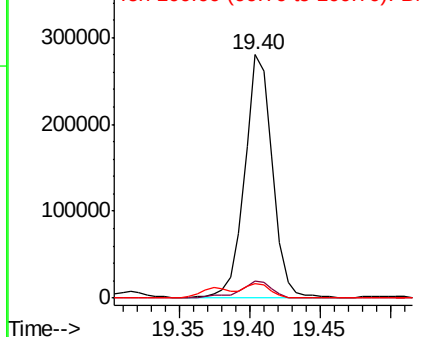


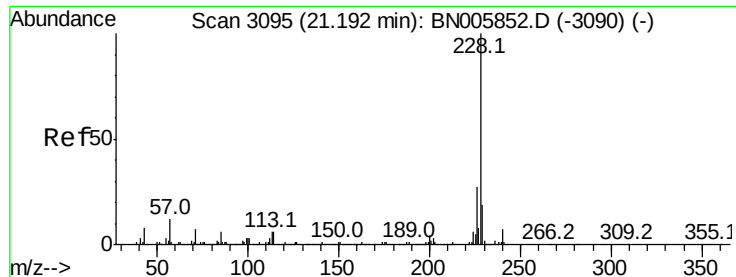
#79
 Pyrene
 Concen: 7.900 ng/ul
 RT: 19.40 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: BN005879.D
 Acq: 23 May 2019 08:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	10.3	15.5#
100	6.0	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





#82

Benzo(a)anthracene

Concen: 5.523 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.01 min

Lab File: BN005879.D

Acq: 23 May 2019 08:08

Instrument :

BNA_N

ClientSampled :

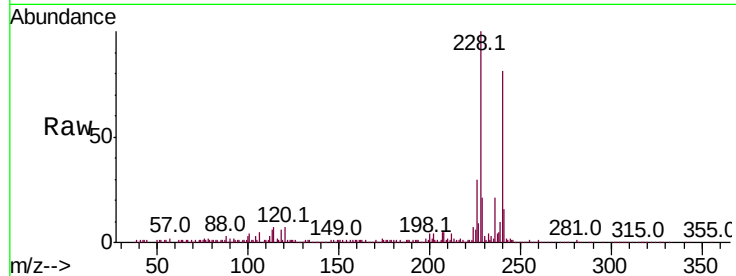
Tot Ion:228 Resp: 273011

Ion Ratio Lower Upper

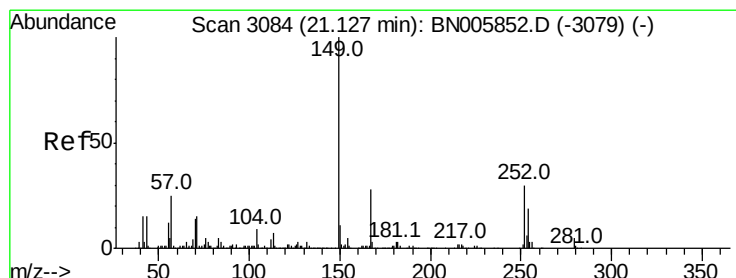
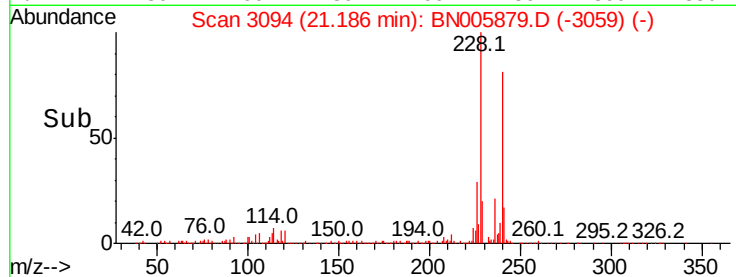
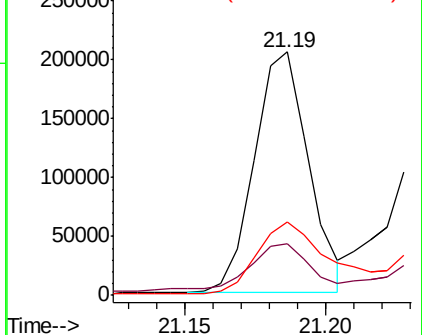
228 100

229 21.3 15.8 23.6

226 30.0 21.4 32.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.406 ng/ul

RT: 21.12 min Scan# 3083

Delta R.T. 0.01 min

Lab File: BN005879.D

Acq: 23 May 2019 08:08

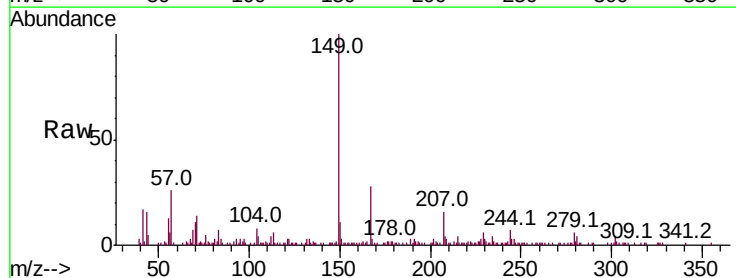
Tgt Ion:149 Resp: 67371

Ion Ratio Lower Upper

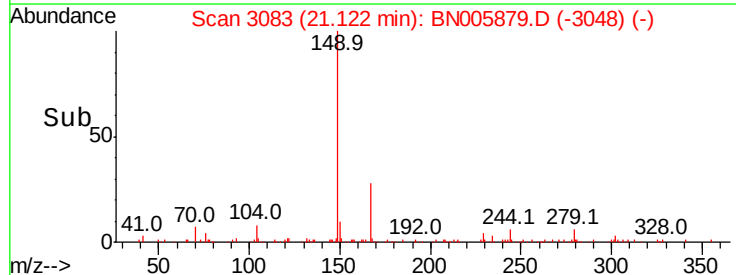
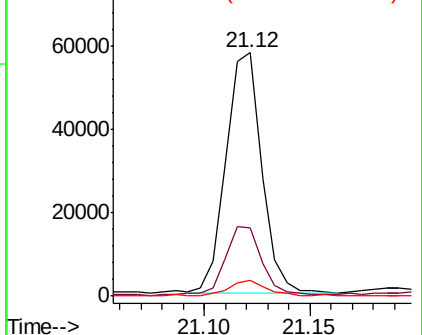
149 100

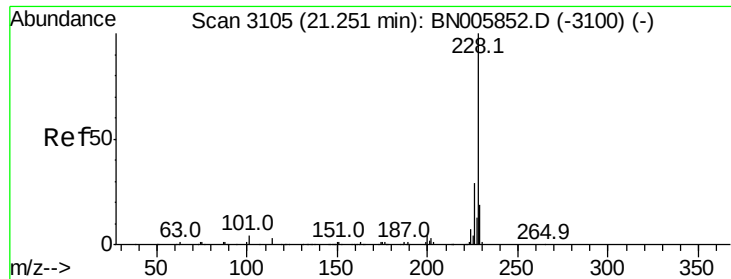
167 27.9 22.3 33.5

279 6.3 3.3 4.9#



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

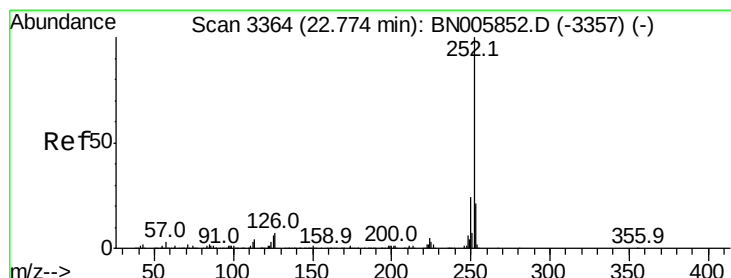
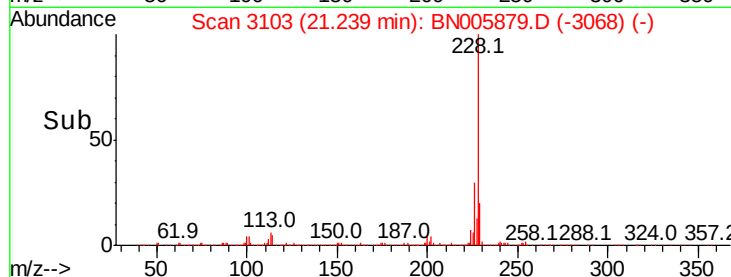
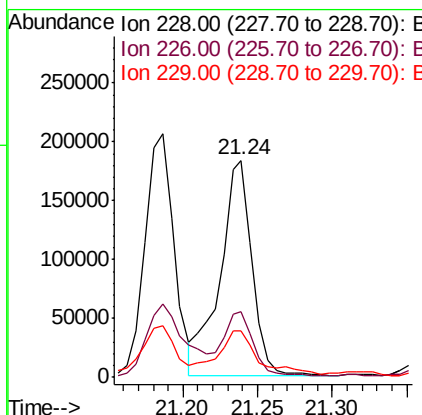
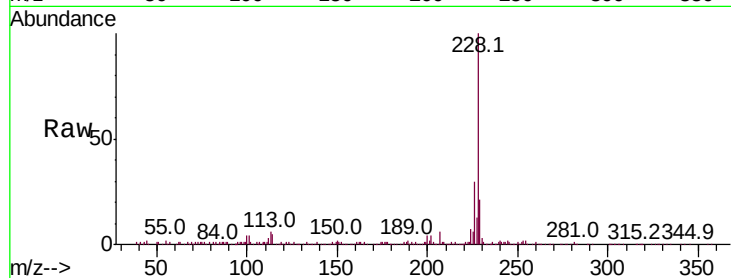




#84
Chrysene
Concen: 5.976 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. 0.01 min
Lab File: BN005879.D
Acq: 23 May 2019 08:08

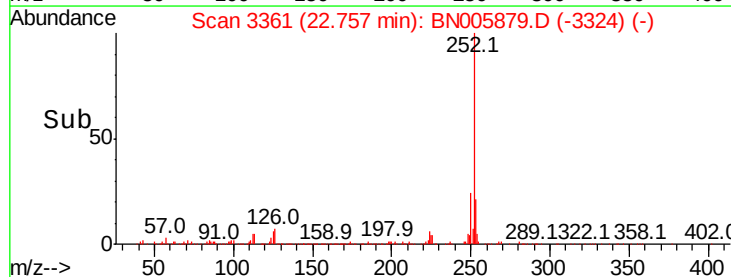
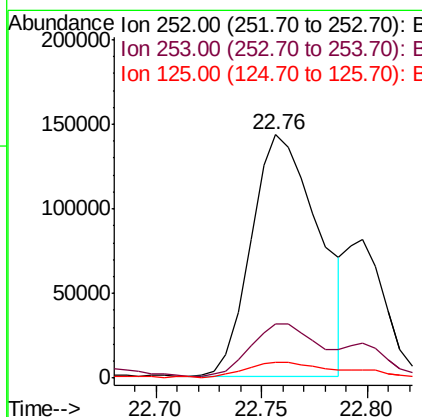
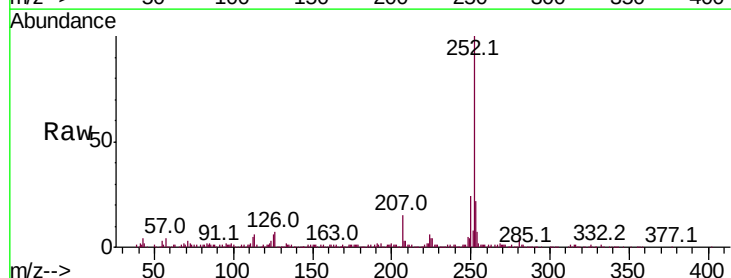
Instrument :
BNA_N
ClientSampleId :

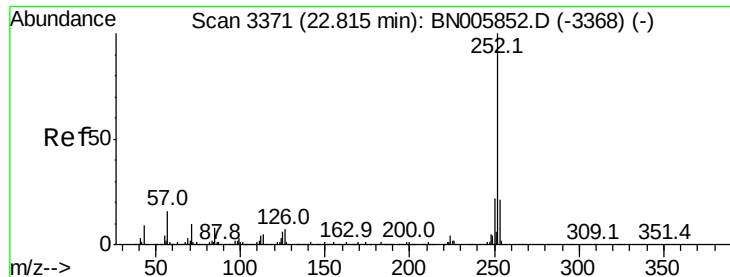
Tot Ion:228 Resp: 278472
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 21.3 15.4 23.0



#87
Benzo(b)fluoranthene
Concen: 7.260 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. 0.02 min
Lab File: BN005879.D
Acq: 23 May 2019 08:08

Tgt Ion:252 Resp: 315905
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 6.3 8.4 12.6#





#88

Benzo(k)fluoranthene

Concen: 1.542 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. 0.14 min

Lab File: BN005879.D

Acq: 23 May 2019 08:08

Instrument :

BNA_N

ClientSampled :

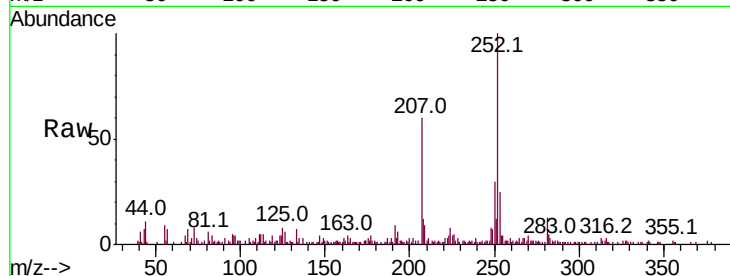
Tot Ion:252 Resp: 64924

Ion Ratio Lower Upper

252 100

253 25.2 17.4 26.0

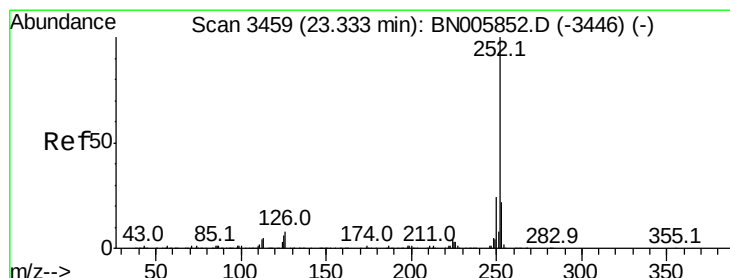
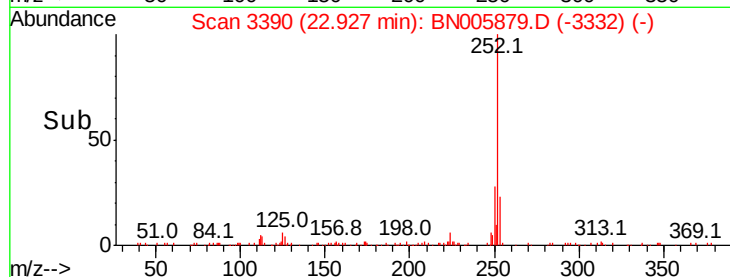
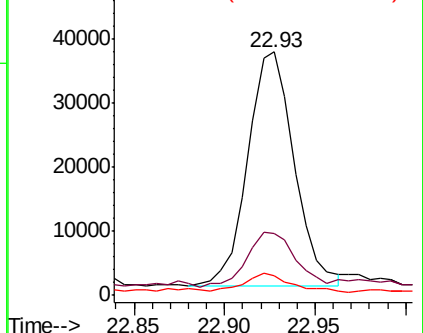
125 8.1 7.5 11.3



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



#90

Benzo(a)pyrene

Concen: 4.929 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. 0.02 min

Lab File: BN005879.D

Acq: 23 May 2019 08:08

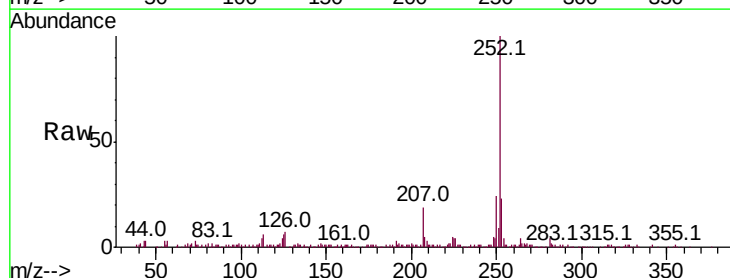
Tgt Ion:252 Resp: 207696

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

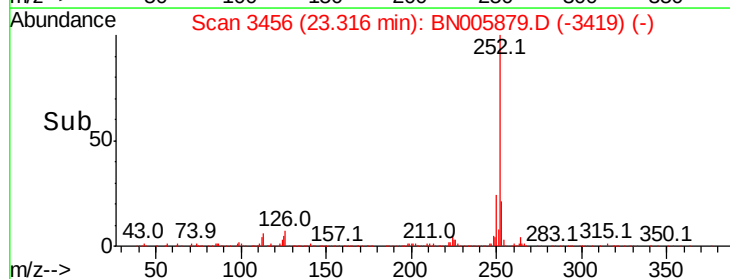
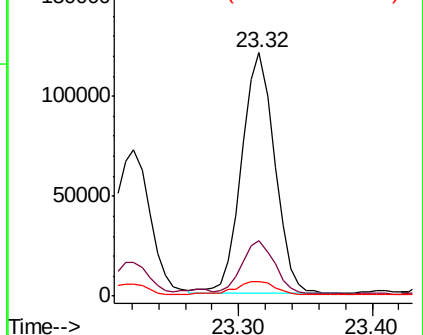
125 5.8 8.6 13.0#

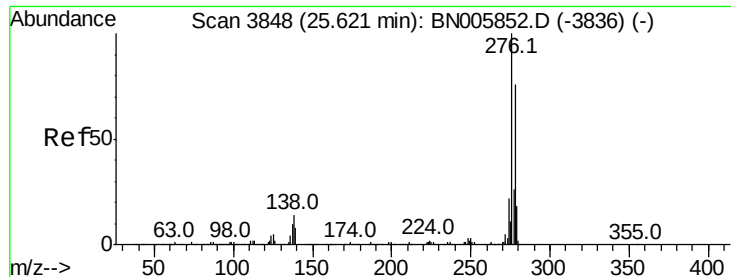


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Indeno(1,2,3-cd)pyrene

Concen: 2.259 ng/ul

RT: 25.60 min Scan# 3845

Delta R.T. 0.02 min

Lab File: BN005879.D

Acq: 23 May 2019 08:08

Instrument :

BNA_N

ClientSampled :

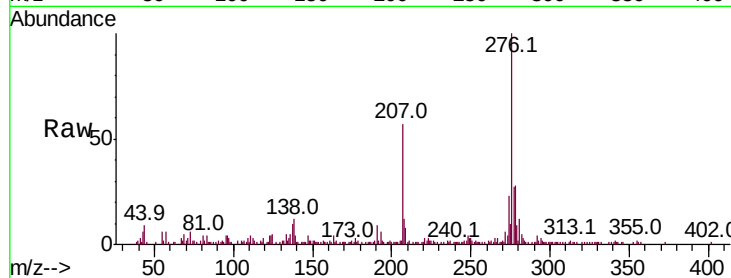
Tot Ion:276 Resp: 116352

Ion Ratio Lower Upper

276 100

138 12.3 17.9 26.9#

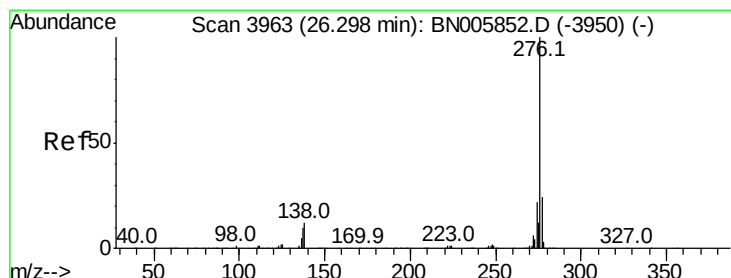
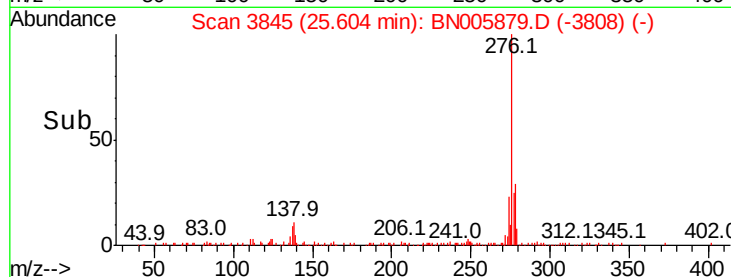
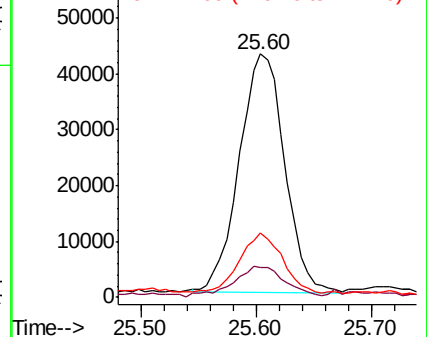
277 26.7 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93

Benzo(g,h,i)perylene

Concen: 1.709 ng/ul

RT: 26.28 min Scan# 3960

Delta R.T. 0.02 min

Lab File: BN005879.D

Acq: 23 May 2019 08:08

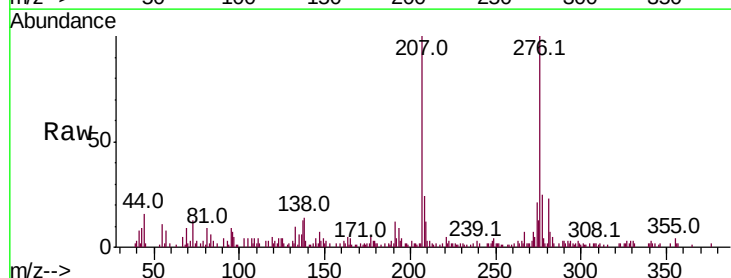
Tgt Ion:276 Resp: 73606

Ion Ratio Lower Upper

276 100

138 17.6 16.7 25.1

277 24.6 18.2 27.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

