

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
 Data File : BN06017.D
 Acq On : 02 Jun 2019 06:06
 Operator : JU/SJ
 Sample : K2928-14DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 03 01:07:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 01 01:49:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	461130	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.51	136	2008445	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.38	164	1206157	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.14	188	2570053	20.00	ng/ul	-0.02
77) Chrysene-d12	21.35	240	1735082	20.00	ng/ul	-0.02
85) Perylene-d12	23.63	264	1799123	20.00	ng/ul	-0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	6134	0.59	ng/uL	0.00
5) Phenol-d5	6.89	99	111760	2.73	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.06	67	64939	2.78	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.26	132	89755	2.88	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	83703	2.54	ng/ul	-0.02
19) Nitrobenzene-d5	8.88	128	42856	3.32	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.60	143	43388	3.61	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.14	165	73892	2.61	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.65	131	36125	0.97	ng/ul	-0.02
43) Dimethylphthalate-d6	13.79	166	270575	3.04	ng/ul	-0.02
46) Acenaphthylene-d8	14.07	160	336800	3.03	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.59	143	31234	1.93	ng/ul	-0.02
57) Fluorene-d10	15.38	176	236018	3.17	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.51	200	17751	1.69	ng/ul	-0.02
70) Anthracene-d10	17.24	188	352528	3.22	ng/ul	-0.02
78) Pyrene-d10	19.54	212	323688	3.69	ng/ul	-0.02
89) Benzo(a)pyrene-d12	23.48	264	231401	2.88	ng/ul	-0.04

Target Compounds

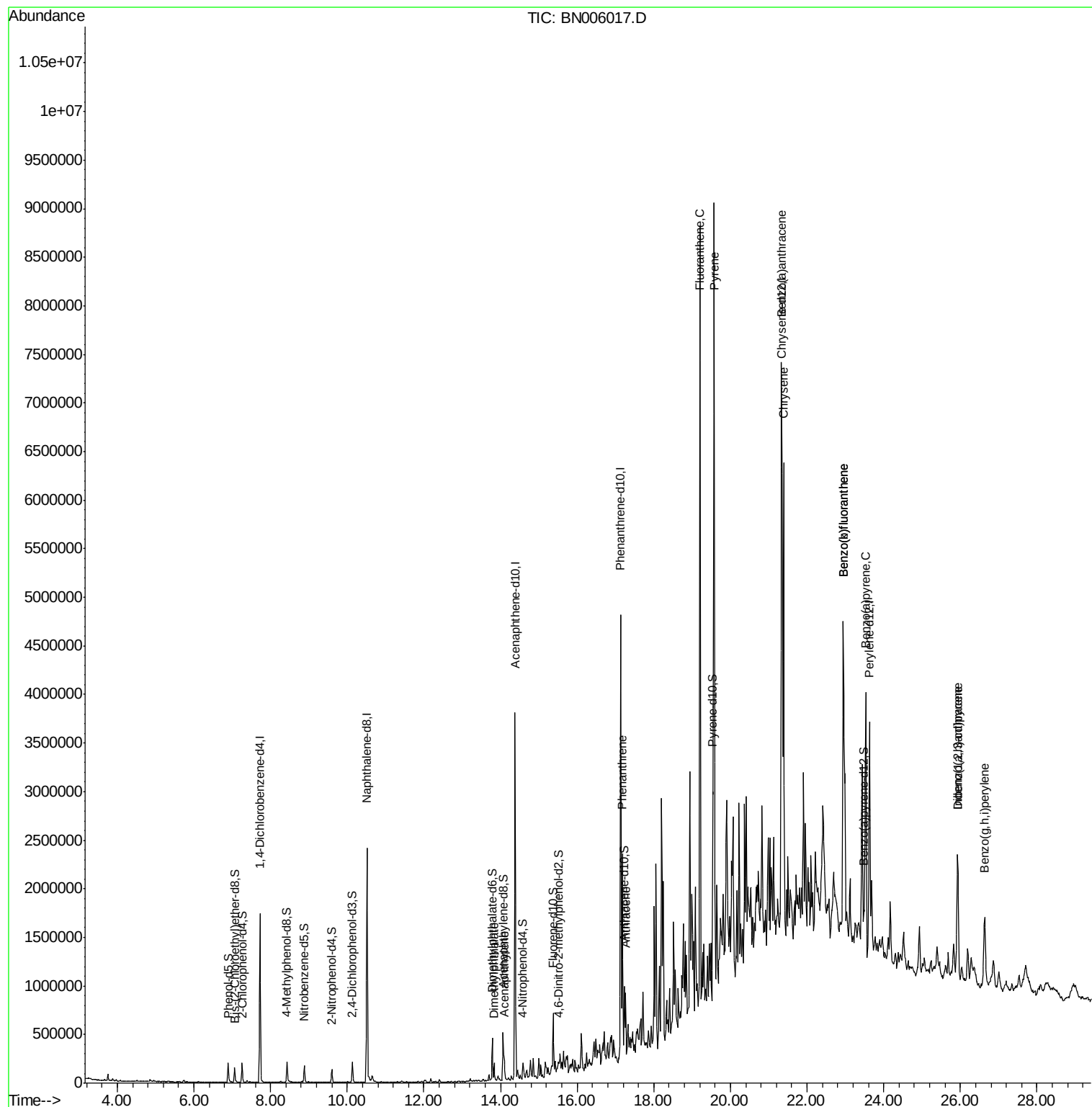
					Ovalue
44) Dimethylphthalate	13.84	163	95141	1.071	ng/ul 99
47) Acenaphthylene	14.10	152	117663	1.079	ng/ul 97
69) Phenanthrene	17.18	178	1221815	9.595	ng/ul 99
71) Anthracene	17.27	178	411293	3.181	ng/ul 99
76) Fluoranthene	19.21	202	4461331	32.819	ng/ul 96
79) Pyrene	19.57	202	5286626	48.099	ng/ul 95
82) Benzo(a)anthracene	21.34	228	2649992	24.296	ng/ul 96
84) Chrysene	21.39	228	2808364	27.607	ng/ul 97
87) Benzo(b)fluoranthene	22.95	252	2448999	24.235	ng/ul 98
88) Benzo(k)fluoranthene	22.95	252	2448999	26.359	ng/ul# 96
90) Benzo(a)pyrene	23.53	252	1920797	20.157	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.93	276	1183838	10.587	ng/ul 98
92) Dibenzo(a,h)anthracene	25.93	278	367393	3.946	ng/ul# 79
93) Benzo(g,h,i)perylene	26.63	276	906920	9.630	ng/ul 94

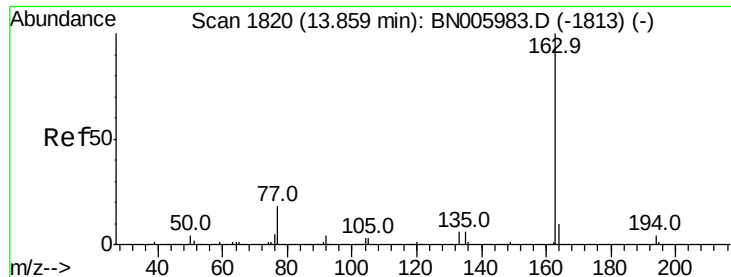
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060119\
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 1.071 ng/ul

RT: 13.84 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BN006017.D

Acq: 02 Jun 2019 06:06

Instrument :

BNA_N

ClientSampleId :

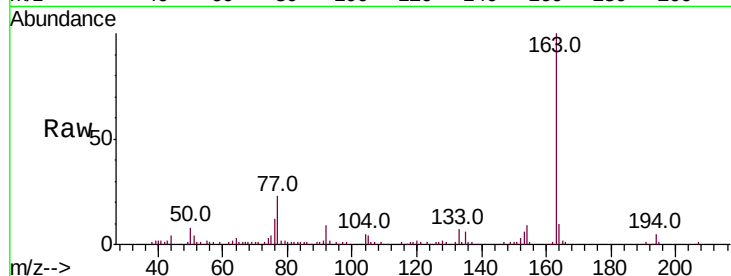
Tot Ion:163 Resp: 95141

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.0

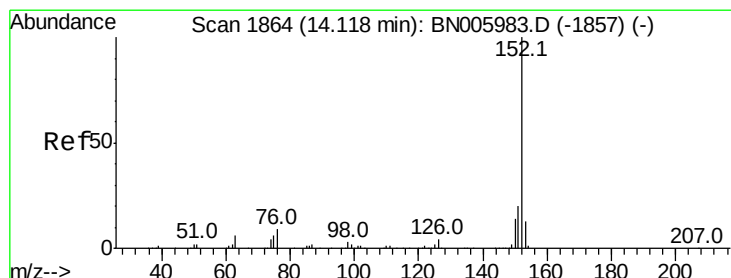
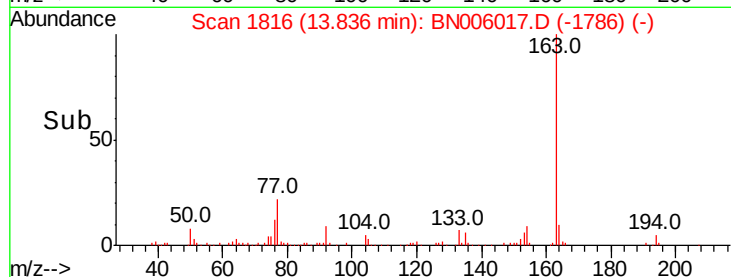
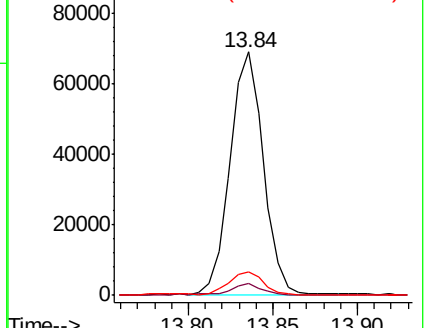
164 9.9 8.1 12.1



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



#47

Acenaphthylene

Concen: 1.079 ng/ul

RT: 14.10 min Scan# 1861

Delta R.T. -0.02 min

Lab File: BN006017.D

Acq: 02 Jun 2019 06:06

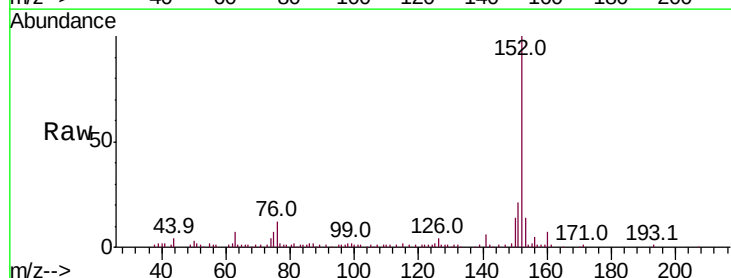
Tgt Ion:152 Resp: 117663

Ion Ratio Lower Upper

152 100

151 20.6 15.8 23.8

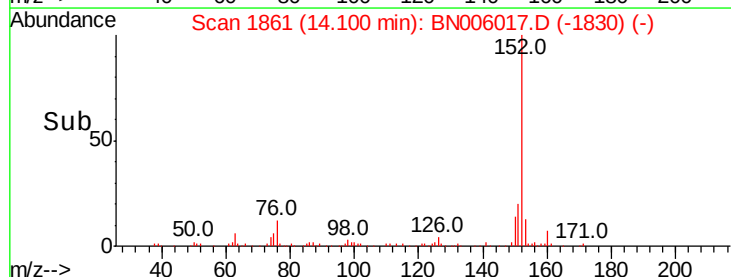
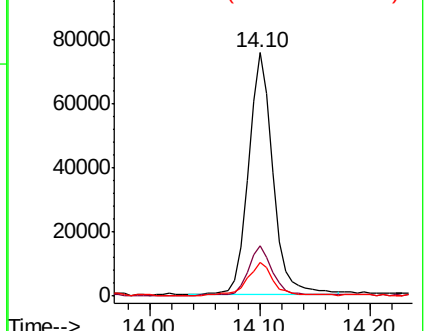
153 14.0 9.8 14.8

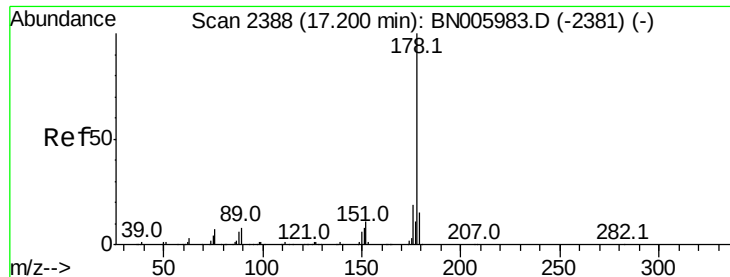


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 9.595 ng/ul

RT: 17.18 min Scan# 2384

Delta R.T. -0.02 min

Lab File: BN006017.D

Acq: 02 Jun 2019 06:06

Instrument :

BNA_N

ClientSampled :

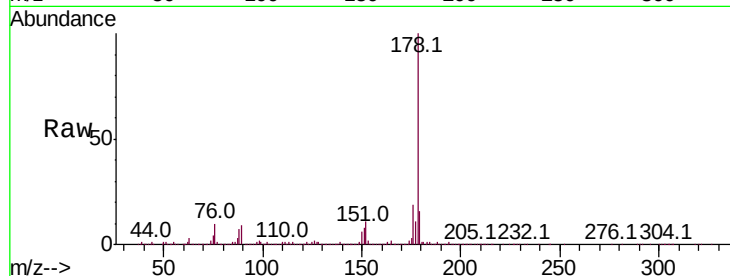
Tot Ion:178 Resp: 1221815

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.4

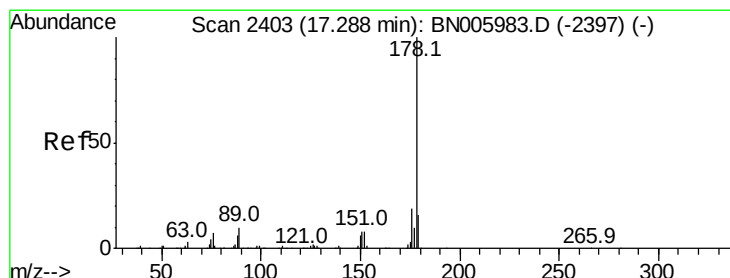
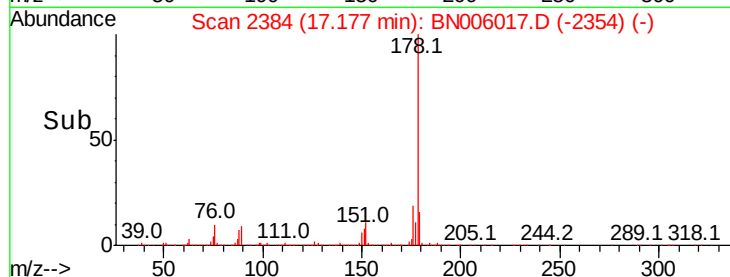
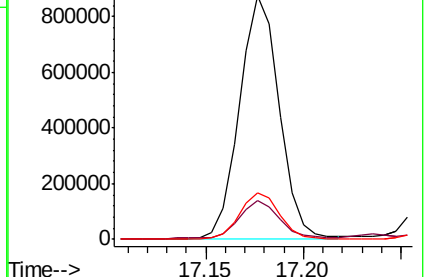
176 18.9 15.1 22.7



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



#71

Anthracene

Concen: 3.181 ng/ul

RT: 17.27 min Scan# 2400

Delta R.T. -0.02 min

Lab File: BN006017.D

Acq: 02 Jun 2019 06:06

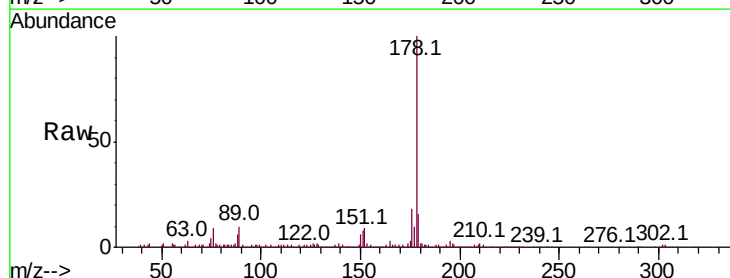
Tgt Ion:178 Resp: 411293

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

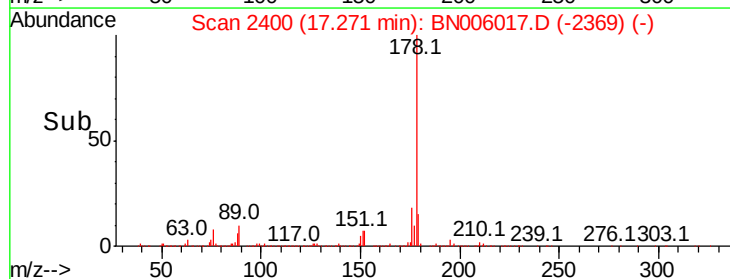
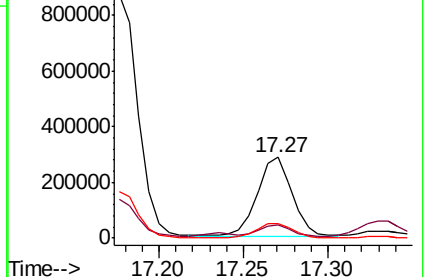
176 18.2 15.1 22.7

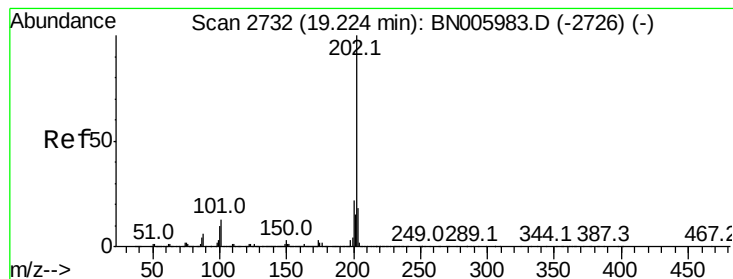


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 32.819 ng/ul

RT: 19.21 min Scan# 2729

Delta R.T. -0.02 min

Lab File: BN006017.D

Acq: 02 Jun 2019 06:06

Instrument :

BNA_N

ClientSampleId :

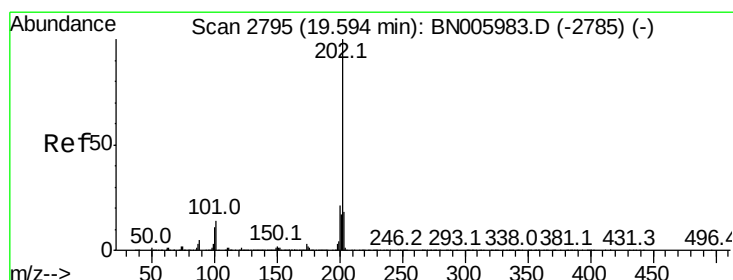
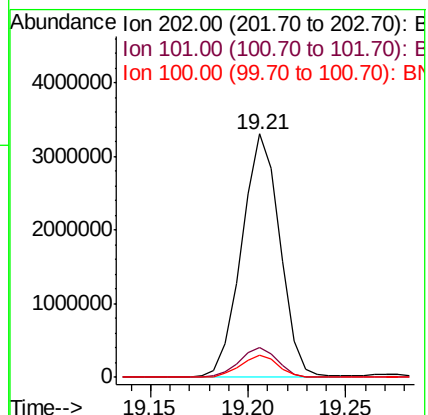
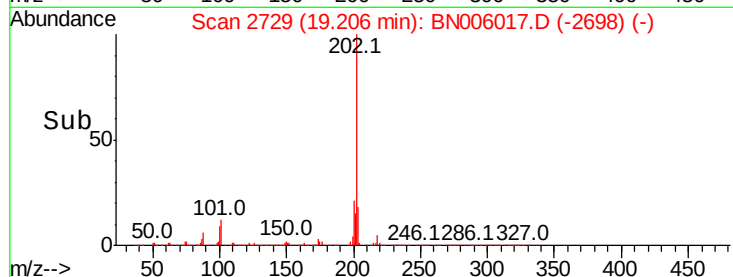
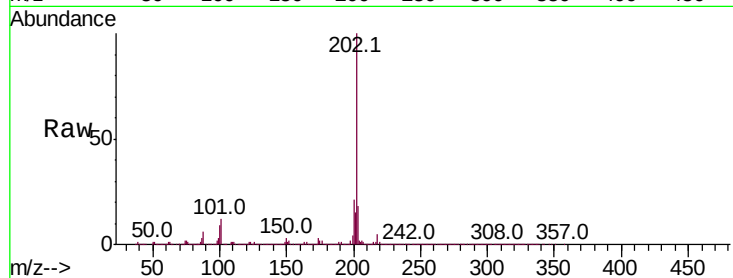
Tot Ion:202 Resp: 4461331

Ion Ratio Lower Upper

202 100

101 12.3 8.6 12.8

100 9.1 6.3 9.5



#79

Pyrene

Concen: 48.099 ng/ul

RT: 19.57 min Scan# 2791

Delta R.T. -0.02 min

Lab File: BN006017.D

Acq: 02 Jun 2019 06:06

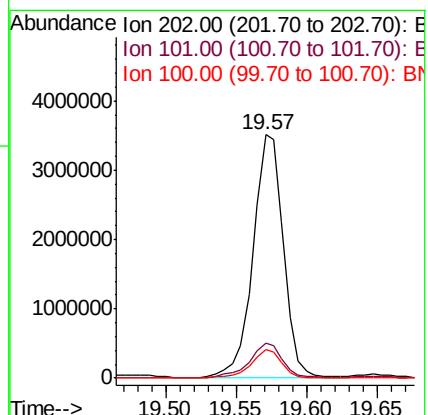
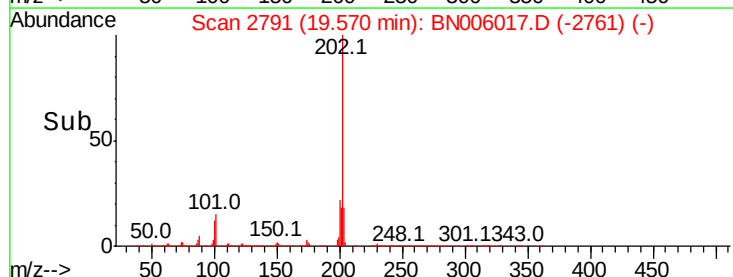
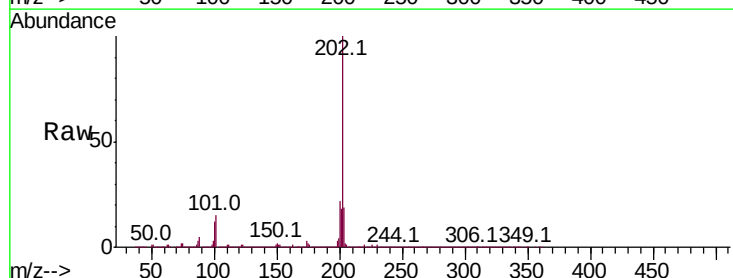
Tgt Ion:202 Resp: 5286626

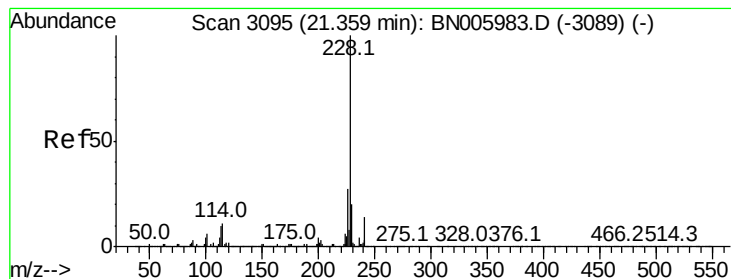
Ion Ratio Lower Upper

202 100

101 14.6 10.3 15.5

100 11.7 7.9 11.9





#82

Benzo(a)anthracene

Concen: 24.296 ng/ul

RT: 21.34 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BN006017.D

Acq: 02 Jun 2019 06:06

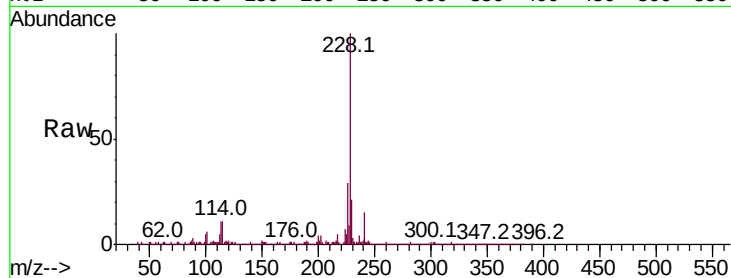
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 2649992

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.6
226	28.8	21.4	32.2

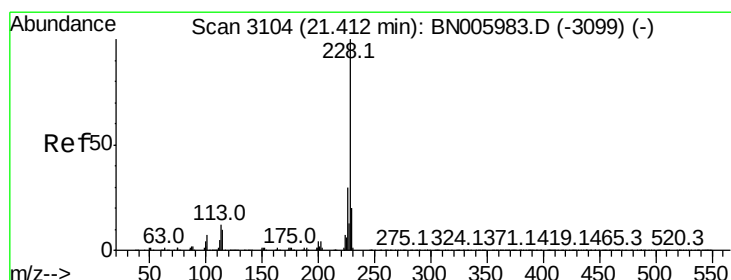
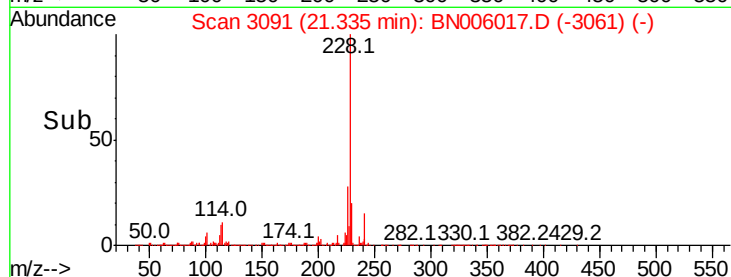
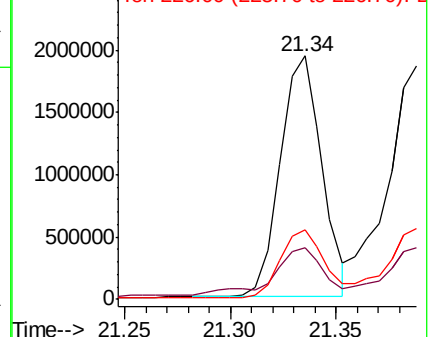


Abundance

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



#84

Chrysene

Concen: 27.607 ng/ul

RT: 21.39 min Scan# 3100

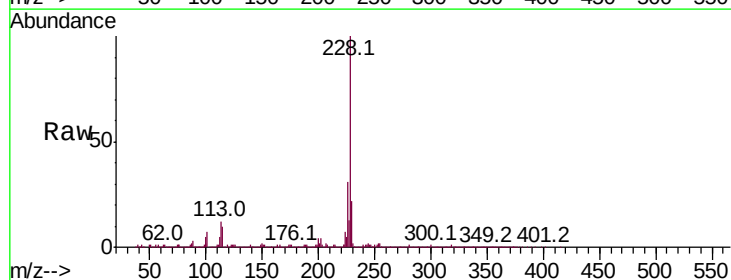
Delta R.T. -0.02 min

Lab File: BN006017.D

Acq: 02 Jun 2019 06:06

Tgt Ion:228 Resp: 2808364

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	22.0	15.4	23.0

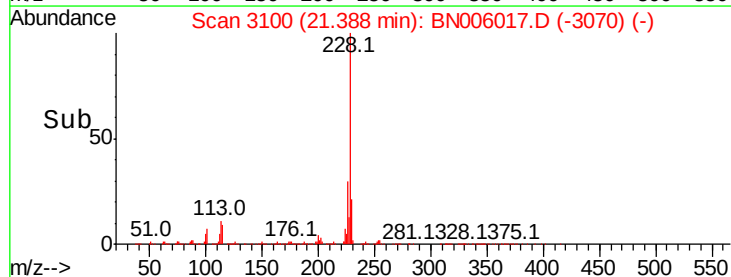
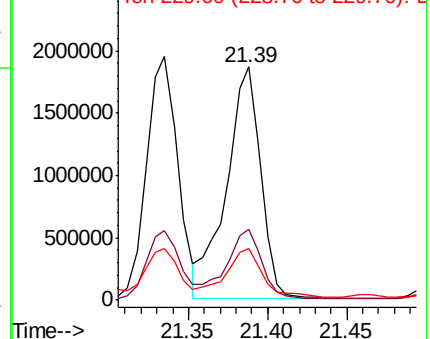


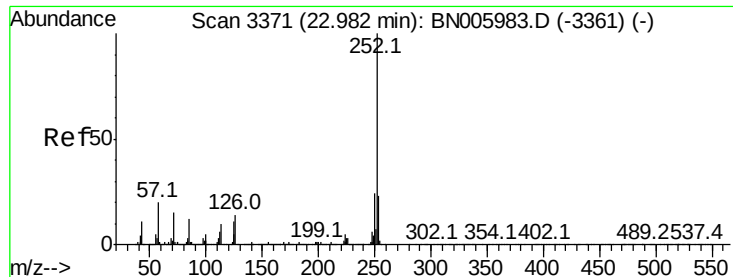
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 24.235 ng/ul

RT: 22.95 min Scan# 3365

Delta R.T. -0.04 min

Lab File: BN006017.D

Acq: 02 Jun 2019 06:06

Instrument :

BNA_N

ClientSampled :

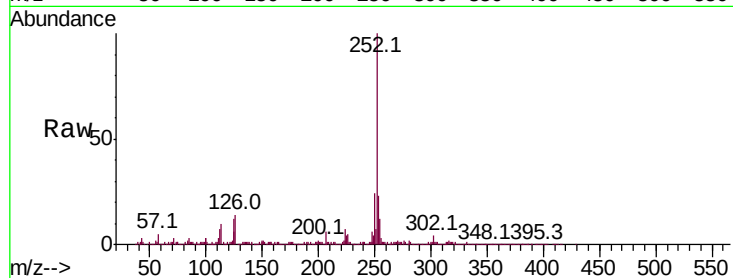
Tot Ion:252 Resp: 2448999

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

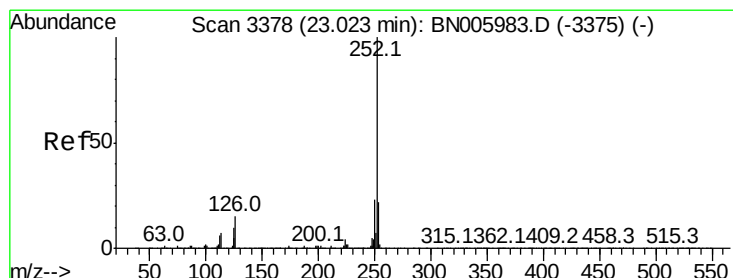
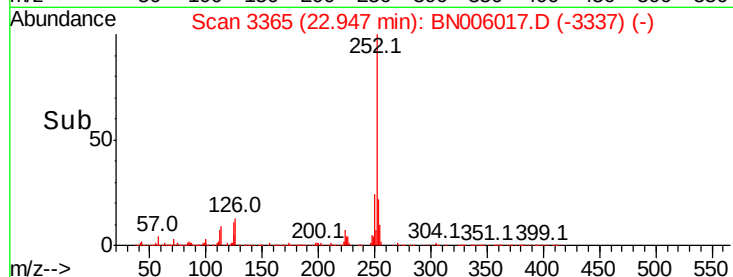
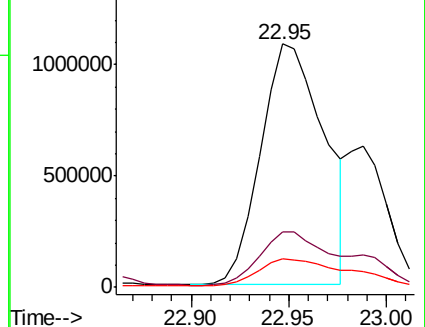
125 11.7 8.4 12.6



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



#88

Benzo(k)fluoranthene

Concen: 26.359 ng/ul

RT: 22.95 min Scan# 3365

Delta R.T. -0.08 min

Lab File: BN006017.D

Acq: 02 Jun 2019 06:06

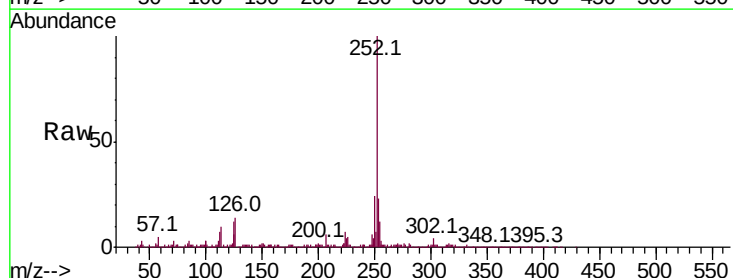
Tgt Ion:252 Resp: 2448999

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

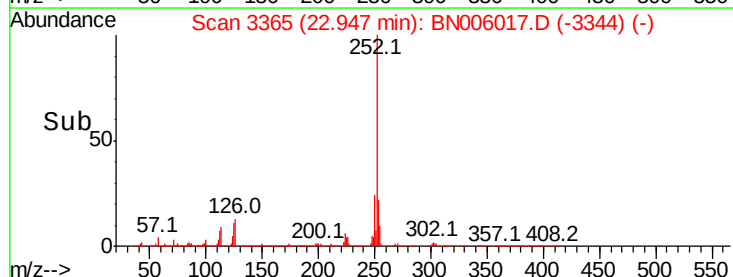
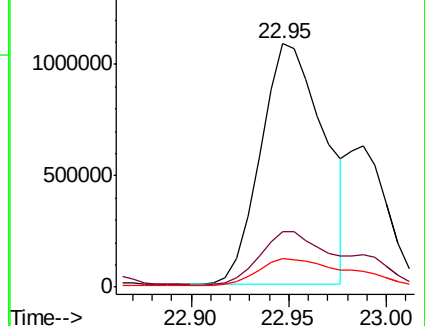
125 11.7 7.5 11.3#

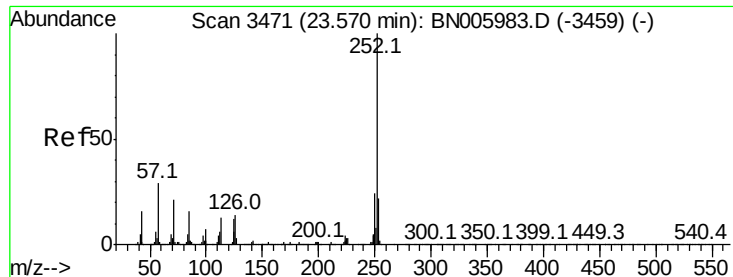


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 20.157 ng/ul

RT: 23.53 min Scan# 3465

Delta R.T. -0.04 min

Lab File: BN006017.D

Acq: 02 Jun 2019 06:06

Instrument :

BNA_N

ClientSampleId :

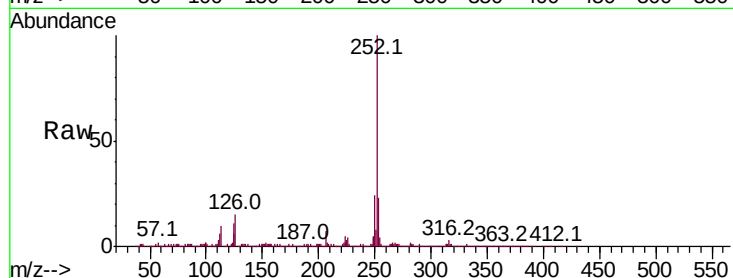
Tot Ion:252 Resp: 1920797

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	11.5	8.6	13.0

252 100

253 22.9 17.3 25.9

125 11.5 8.6 13.0

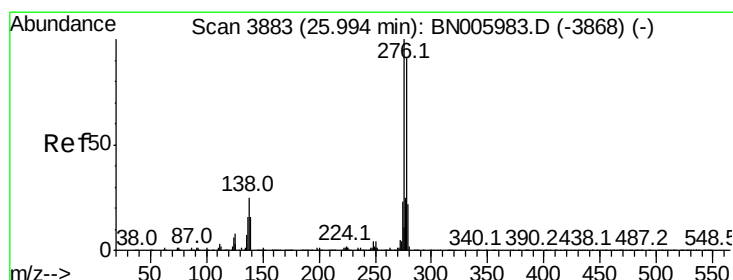
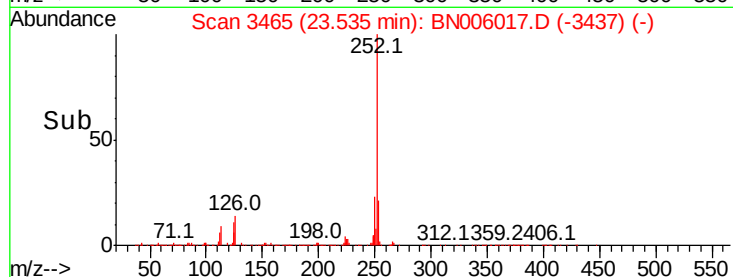
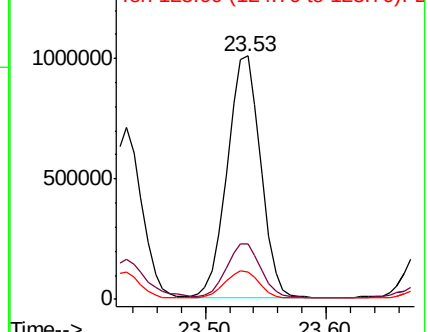


Abundance

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: 10.587 ng/ul

RT: 25.93 min Scan# 3872

Delta R.T. -0.06 min

Lab File: BN006017.D

Acq: 02 Jun 2019 06:06

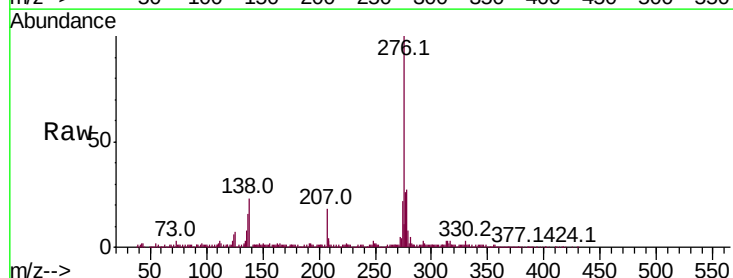
Tgt Ion:276 Resp: 1183838

Ion	Ratio	Lower	Upper
276	100		
138	23.4	17.9	26.9
277	25.8	19.7	29.5

276 100

138 23.4 17.9 26.9

277 25.8 19.7 29.5

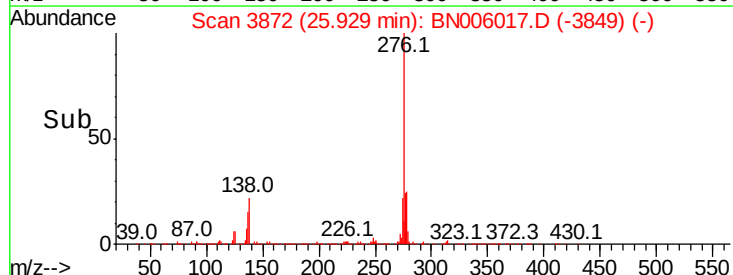
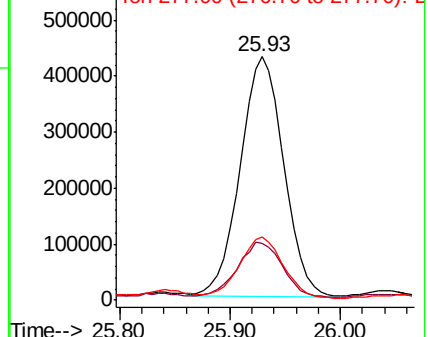


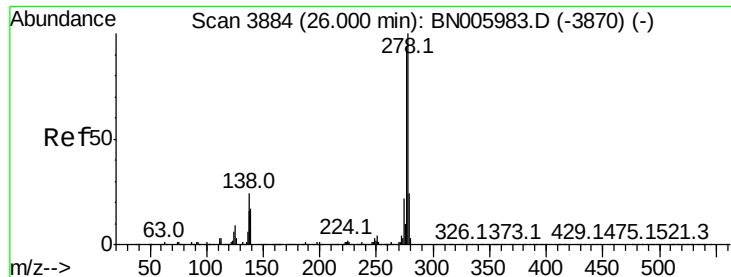
Abundance

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





#92

Dibenzo(a,h)anthracene

Concen: 3.946 ng/ul

RT: 25.93 min Scan# 3872

Delta R.T. -0.07 min

Lab File: BN006017.D

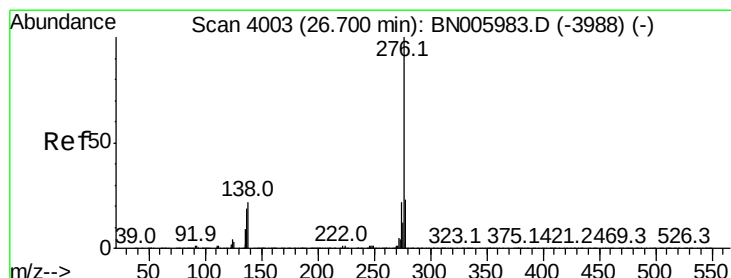
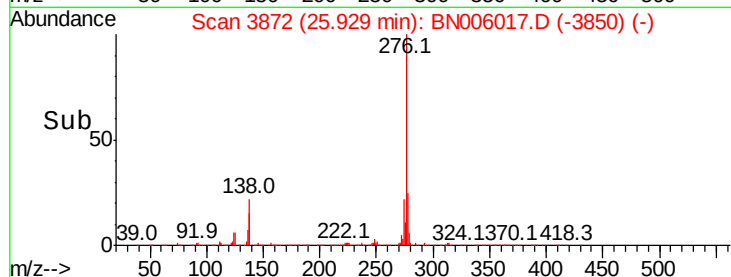
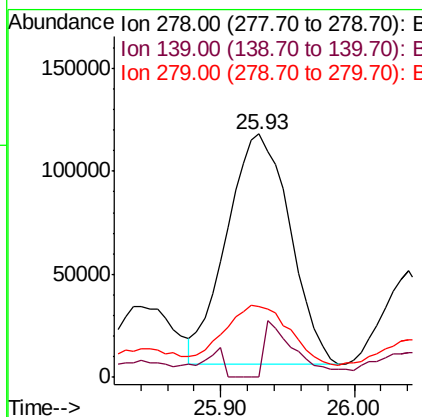
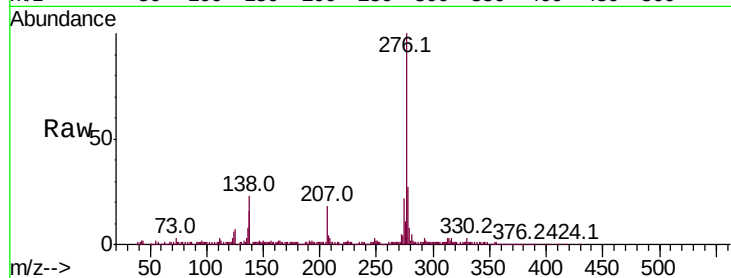
Acq: 02 Jun 2019 06:06

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	278	Resp:	367393
Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.1	19.7#
279	29.0	19.4	29.0



#93

Benzo(g,h,i)perylene

Concen: 9.630 ng/ul

RT: 26.63 min Scan# 3992

Delta R.T. -0.06 min

Lab File: BN006017.D

Acq: 02 Jun 2019 06:06

Tgt Ion:	276	Resp:	906920
Ion	Ratio	Lower	Upper
276	100		
138	24.4	16.7	25.1
277	25.1	18.2	27.2

