

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
 Data File : BN004190.D
 Acq On : 22 Dec 2018 09:20
 Operator : JU/SJ
 Sample : J6415-22
 Misc : GC-MS Confirmation
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 24 07:11:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 24 07:07:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	30209	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	142758	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	91129	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	202024	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	205685	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	186447	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.46	176	276	0.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.21	188	202024	19.79	ng/ul	-0.10
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	23.72	264	183602	18.15	ng/ul	0.15

Target Compounds

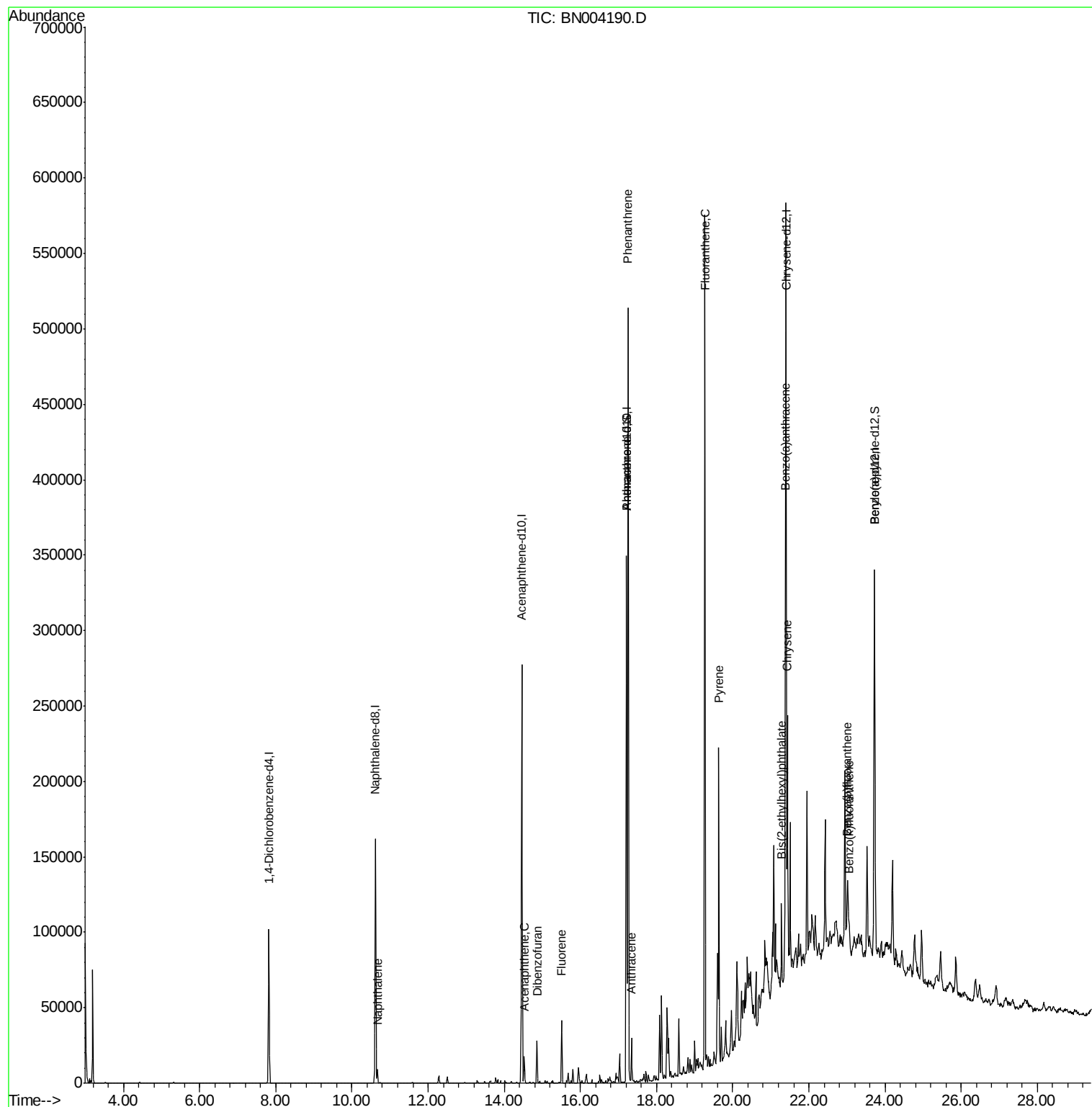
					Ovalue	
28) Naphthalene	10.67	128	9066	1.184	ng/ul	98
49) Acenaphthene	14.53	153	8508	1.300	ng/ul	96
53) Dibenzofuran	14.86	168	20339	2.189	ng/ul	98
58) Fluorene	15.51	166	20385	2.634	ng/ul	98
69) Phenanthrene	17.26	178	320543	27.461	ng/ul	100
71) Anthracene	17.35	178	20946	1.751	ng/ul	97
76) Fluoranthene	19.27	202	319724	22.346	ng/ul	99
79) Pyrene	19.63	202	122787	10.686	ng/ul	100
82) Benzo(a)anthracene	21.38	228	74635	5.819	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.28	149	13415	1.710	ng/ul	99
84) Chrysene	21.43	228	79167	6.590	ng/ul	99
87) Benzo(b)fluoranthene	23.02	252	30419	2.724	ng/ul#	89
88) Benzo(k)fluoranthene	23.06	252	11279	1.079	ng/ul#	82

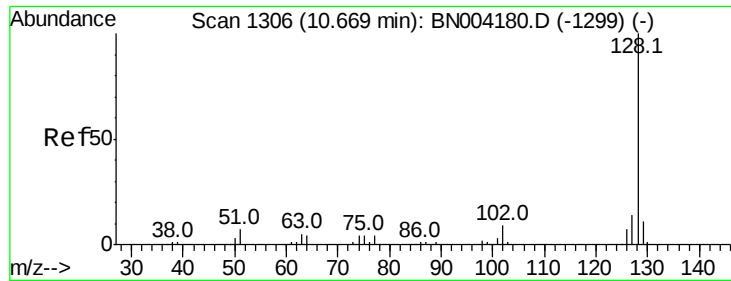
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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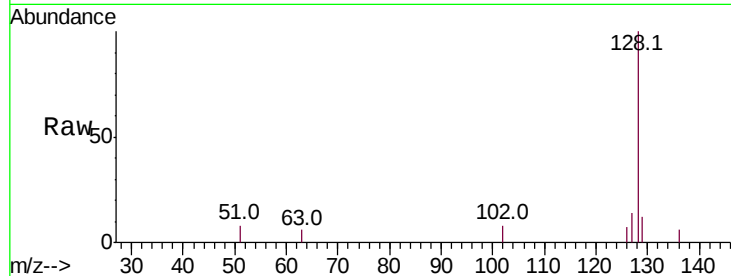




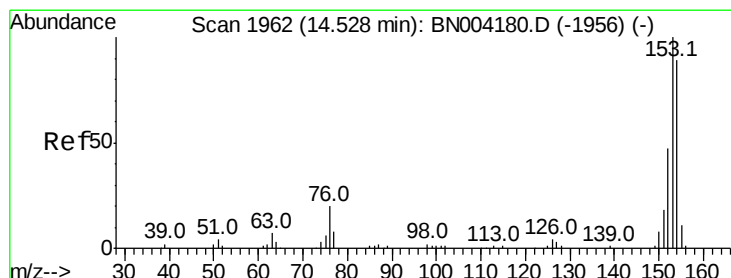
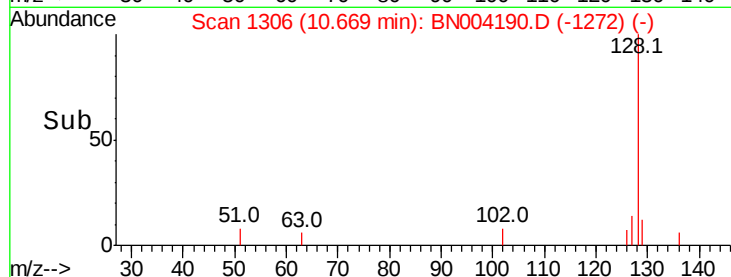
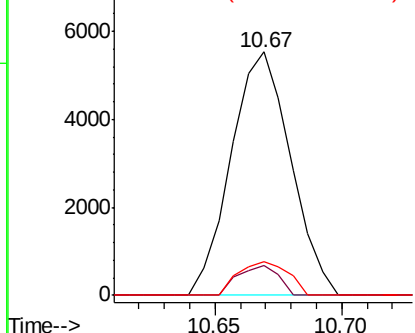
#28
Naphthalene
Concen: 1.184 ng/ul
RT: 10.67 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN004190.D
Acq: 22 Dec 2018 09:20

Instrument :
BNA_N
ClientSampleId :

Tot Ion:128 Resp: 9066
Ion Ratio Lower Upper
128 100
129 12.1 8.6 12.8
127 13.7 10.6 16.0

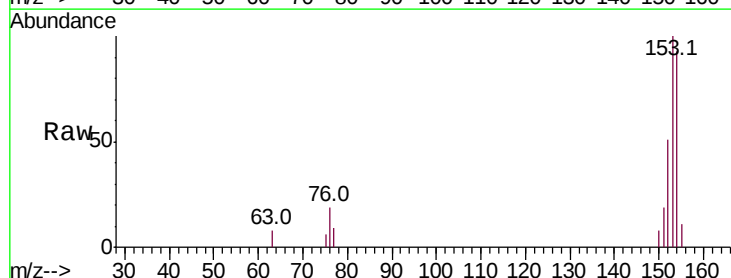


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

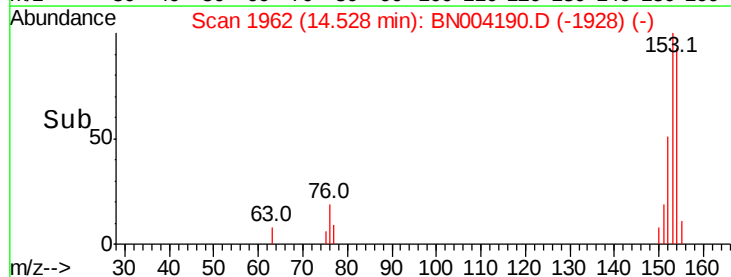
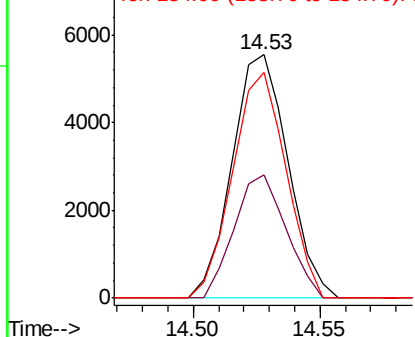


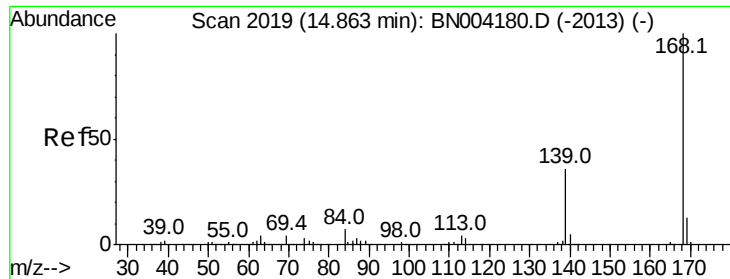
#49
Acenaphthene
Concen: 1.300 ng/ul
RT: 14.53 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BN004190.D
Acq: 22 Dec 2018 09:20

Tgt Ion:153 Resp: 8508
Ion Ratio Lower Upper
153 100
152 50.5 37.8 56.6
154 92.8 71.0 106.6



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 2.189 ng/ul

RT: 14.86 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BN004190.D

Acq: 22 Dec 2018 09:20

Instrument :

BNA_N

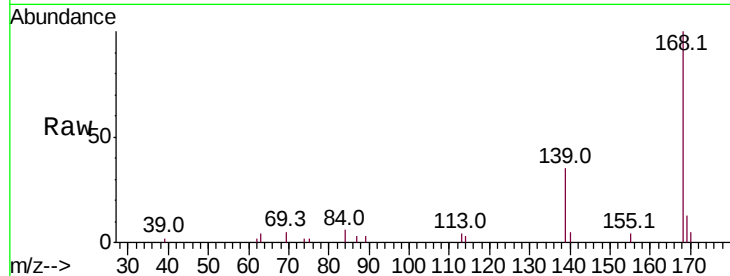
ClientSampleId :

Tot Ion:168 Resp: 20339

Ion Ratio Lower Upper

168 100

139 35.0 28.8 43.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.86

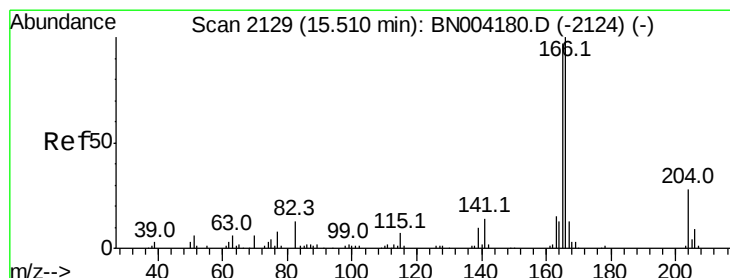
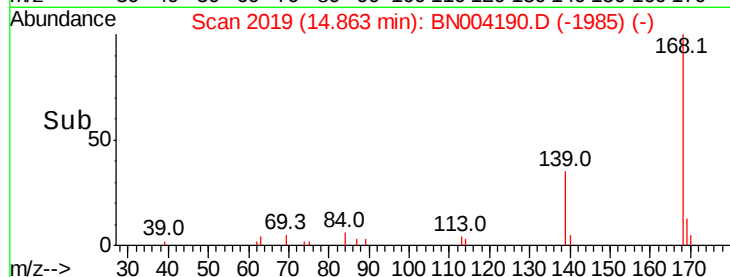
15000

10000

5000

0

Time-->



#58

Fluorene

Concen: 2.634 ng/ul

RT: 15.51 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BN004190.D

Acq: 22 Dec 2018 09:20

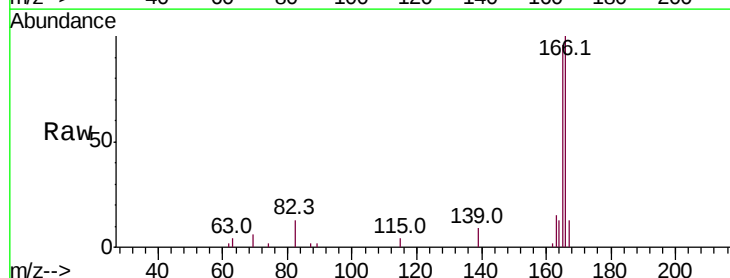
Tgt Ion:166 Resp: 20385

Ion Ratio Lower Upper

166 100

165 96.3 78.6 117.8

167 12.6 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

20000

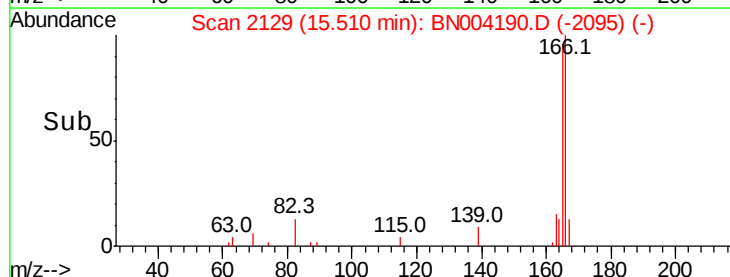
15000

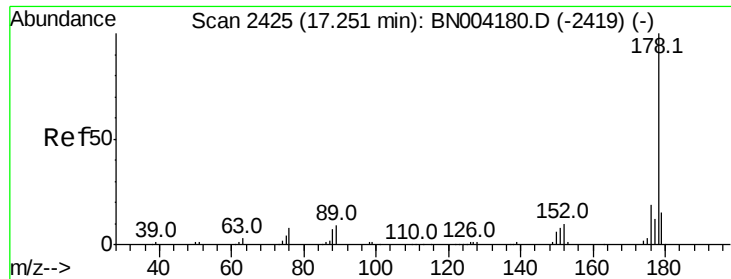
10000

5000

0

Time-->





#69

Phenanthrene

Concen: 27.461 ng/ul

RT: 17.26 min Scan# 2426

Delta R.T. 0.01 min

Lab File: BN004190.D

Acq: 22 Dec 2018 09:20

Instrument :

BNA_N

ClientSampleId :

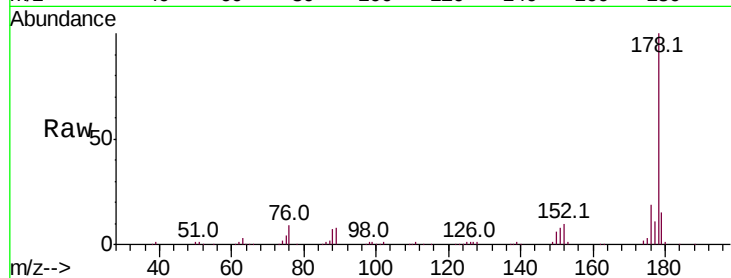
Tot Ion:178 Resp: 320543

Ion Ratio Lower Upper

178 100

179 15.1 12.1 18.1

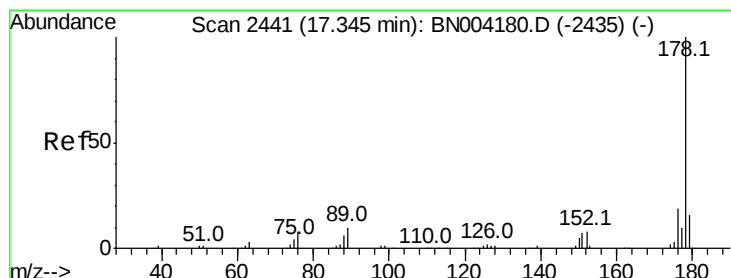
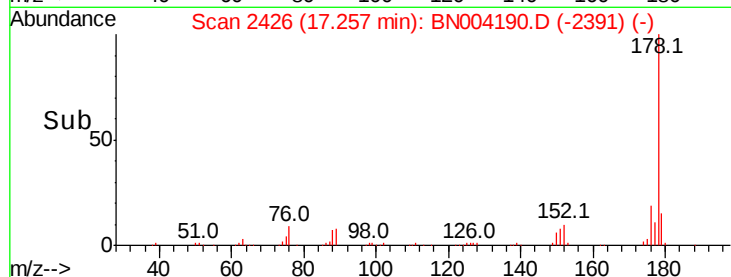
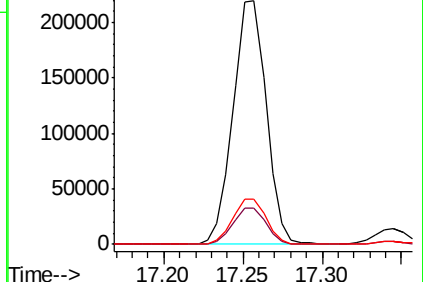
176 18.8 15.0 22.6



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: 1.751 ng/ul

RT: 17.35 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BN004190.D

Acq: 22 Dec 2018 09:20

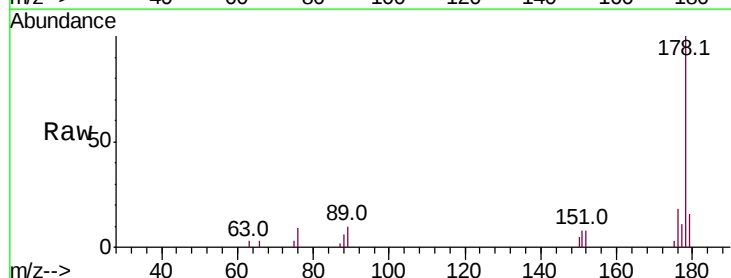
Tgt Ion:178 Resp: 20946

Ion Ratio Lower Upper

178 100

179 16.2 12.1 18.1

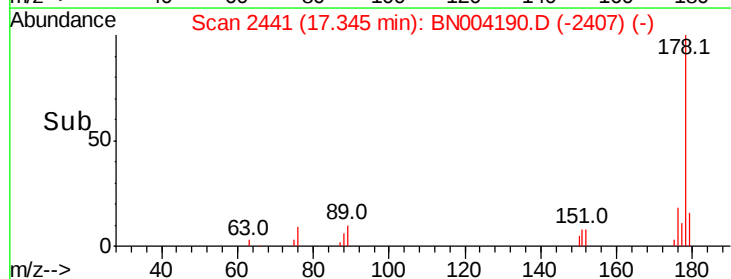
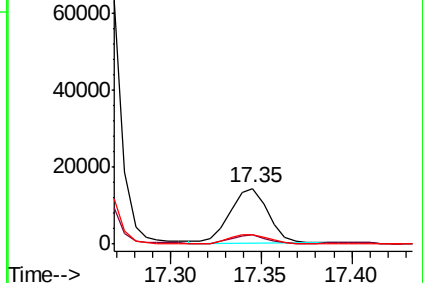
176 17.7 15.2 22.8

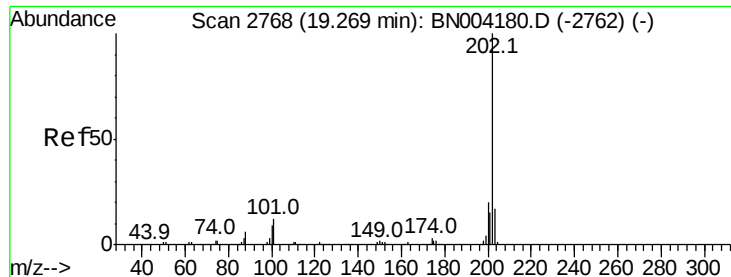


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 22.346 ng/ul

RT: 19.27 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BN004190.D

Acq: 22 Dec 2018 09:20

Instrument :

BNA_N

ClientSampleId :

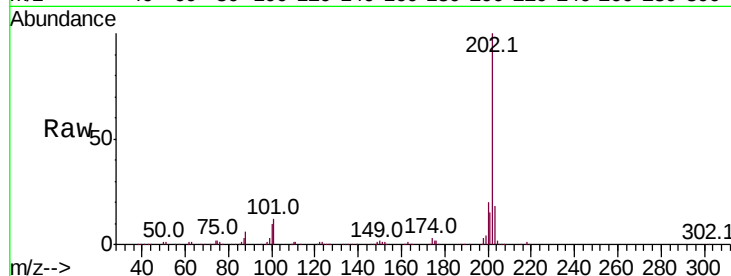
Tot Ion:202 Resp: 319724

Ion Ratio Lower Upper

202 100

101 12.2 10.2 15.2

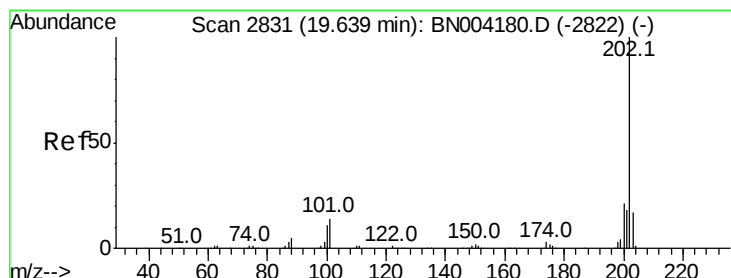
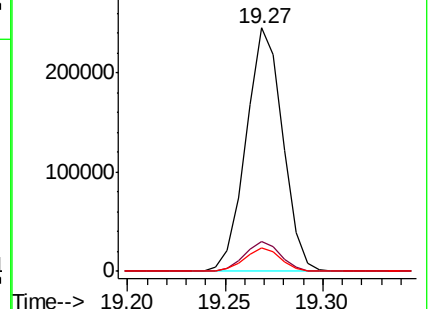
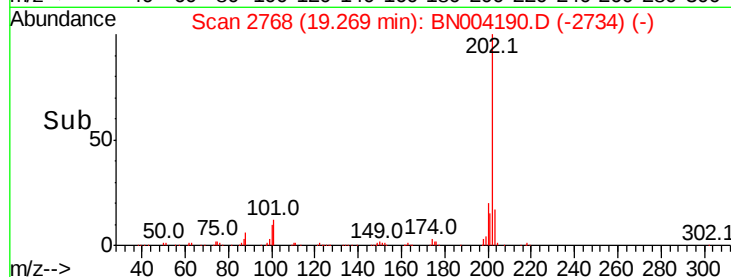
100 9.6 7.8 11.8



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: 10.686 ng/ul

RT: 19.63 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BN004190.D

Acq: 22 Dec 2018 09:20

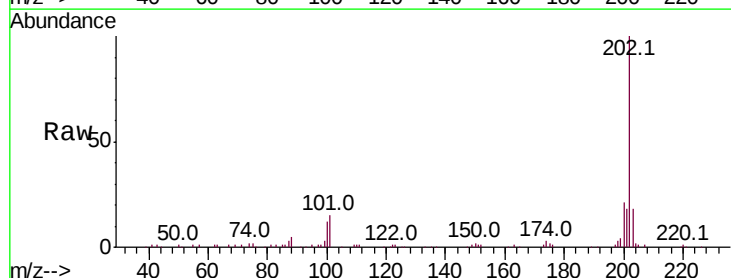
Tgt Ion:202 Resp: 122787

Ion Ratio Lower Upper

202 100

101 15.1 12.2 18.2

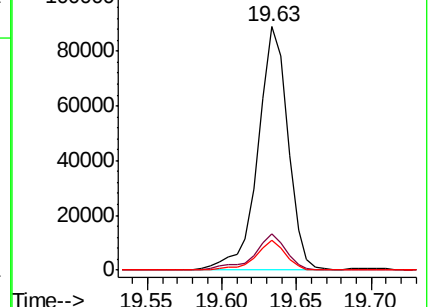
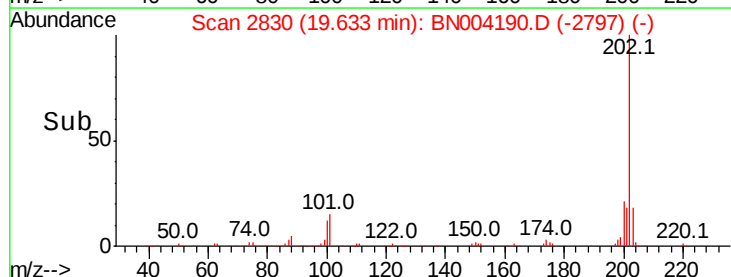
100 12.2 9.9 14.9

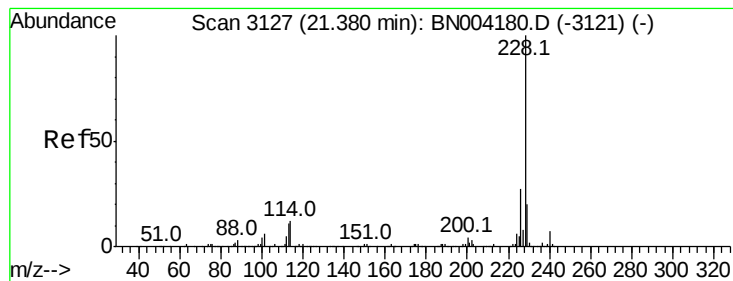


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 5.819 ng/ul

RT: 21.38 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BN004190.D

Acq: 22 Dec 2018 09:20

Instrument :

BNA_N

ClientSampleId :

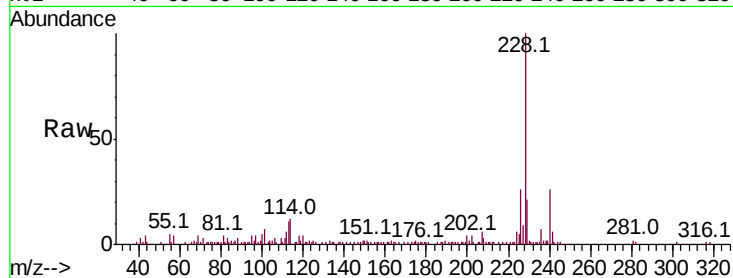
Tot Ion:228 Resp: 74635

Ion Ratio Lower Upper

228 100

229 20.6 15.9 23.9

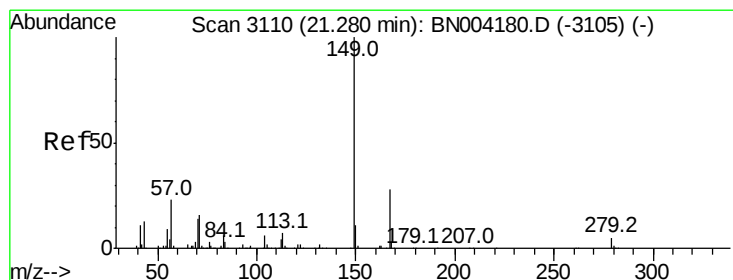
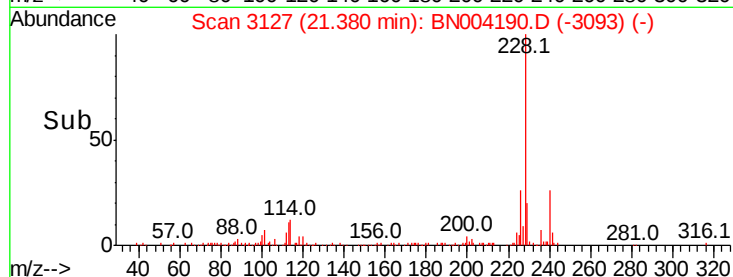
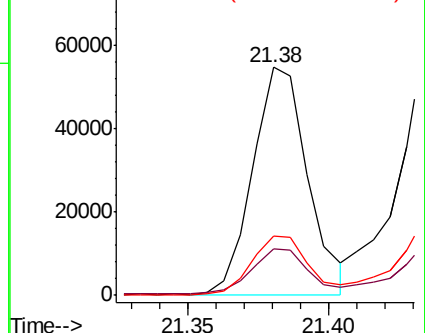
226 26.3 21.4 32.2



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: 1.710 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BN004190.D

Acq: 22 Dec 2018 09:20

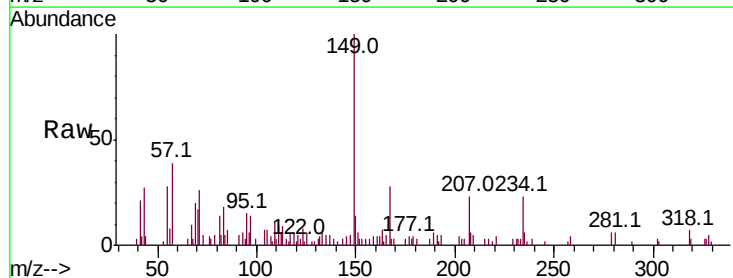
Tgt Ion:149 Resp: 13415

Ion Ratio Lower Upper

149 100

167 28.2 23.0 34.4

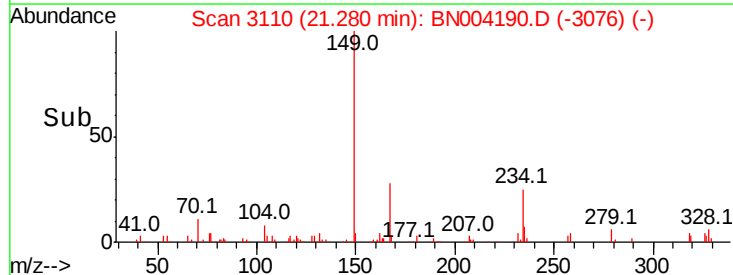
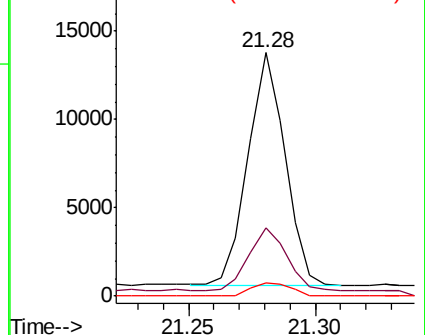
279 5.5 4.4 6.6

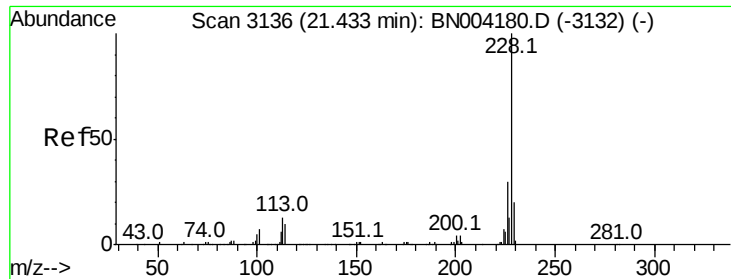


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

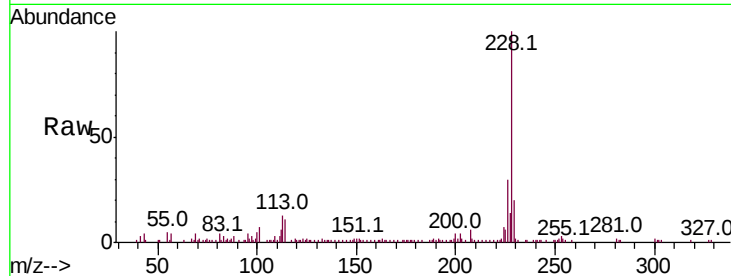




#84
Chrysene
Concen: 6.590 ng/ul
RT: 21.43 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BN004190.D
Acq: 22 Dec 2018 09:20

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.8
229	20.1	15.8	23.6

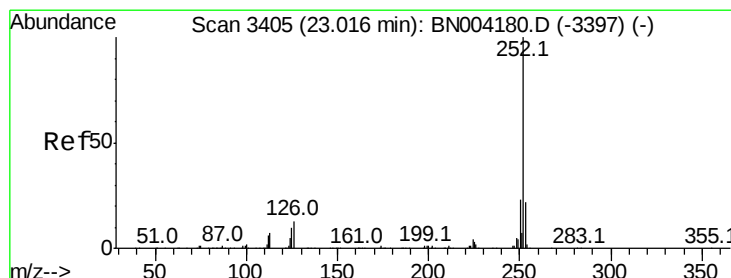
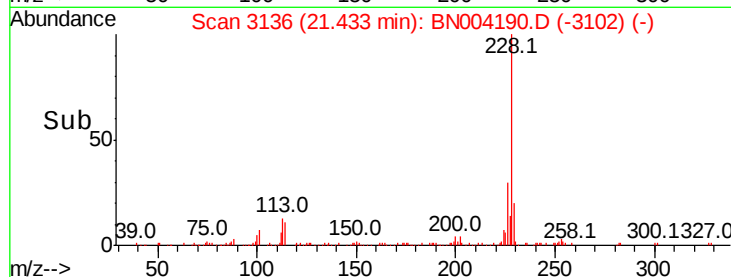
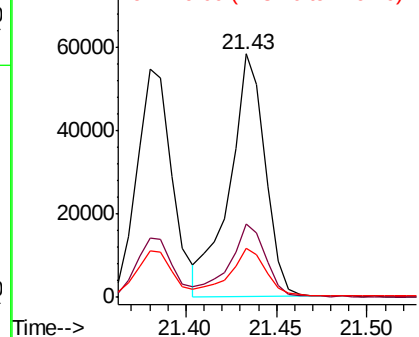


Abundance

Ion 228.00 (227.70 to 228.70): E

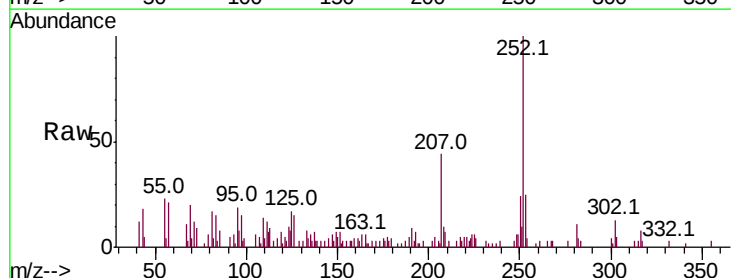
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87
Benzo(b)fluoranthene
Concen: 2.724 ng/ul
RT: 23.02 min Scan# 3405
Delta R.T. -0.00 min
Lab File: BN004190.D
Acq: 22 Dec 2018 09:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.3	25.9
125	16.5	8.2	12.4#

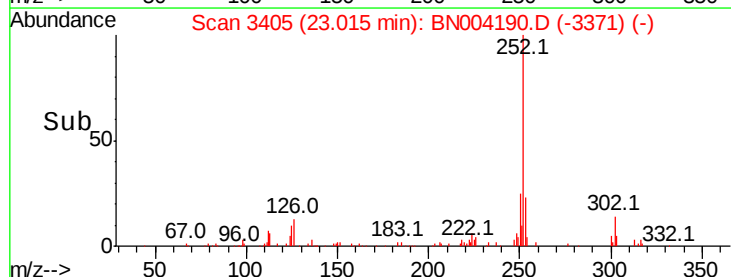
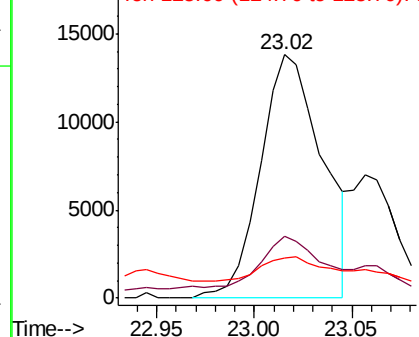


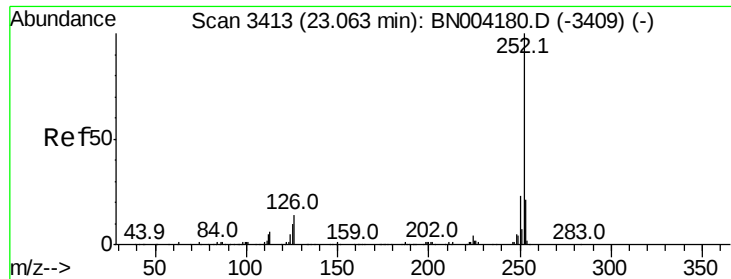
Abundance

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: 1.079 ng/ul

RT: 23.06 min Scan# 3412

Delta R.T. -0.01 min

Lab File: BN004190.D

Acq: 22 Dec 2018 09:20

Instrument :

BNA_N

ClientSampleId :

Tot Ion:252 Resp: 11279

Ion Ratio Lower Upper

252 100

253 26.1 17.1 25.7#

125 23.4 7.9 11.9#

