

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
 Data File : BN002948.D
 Acq On : 05 Oct 2018 00:18
 Operator : MJ/SJ
 Sample : J5184-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 05 02:29:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 05 02:27:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	145981	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	683414	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	409738	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	890828	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	663155	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	604693	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	8208	2.59	ng/uL	0.00
5) Phenol-d5	6.82	99	203436	16.41	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.97	67	127217	16.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	173610	17.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	164329	17.11	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	86301	16.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	99869	16.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	180126	16.66	ng/ul	0.01
29) 4-Chloroaniline-d4	10.55	131	172081	13.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	562646	17.54	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	733354	17.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	68373	12.89	ng/ul	0.02
57) Fluorene-d10	15.26	176	513211	18.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	40619	7.29	ng/ul	0.00
70) Anthracene-d10	17.12	188	756073	17.78	ng/ul	0.00
78) Pyrene-d10	19.42	212	710940	20.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	564115	17.72	ng/ul	0.01

Target Compounds

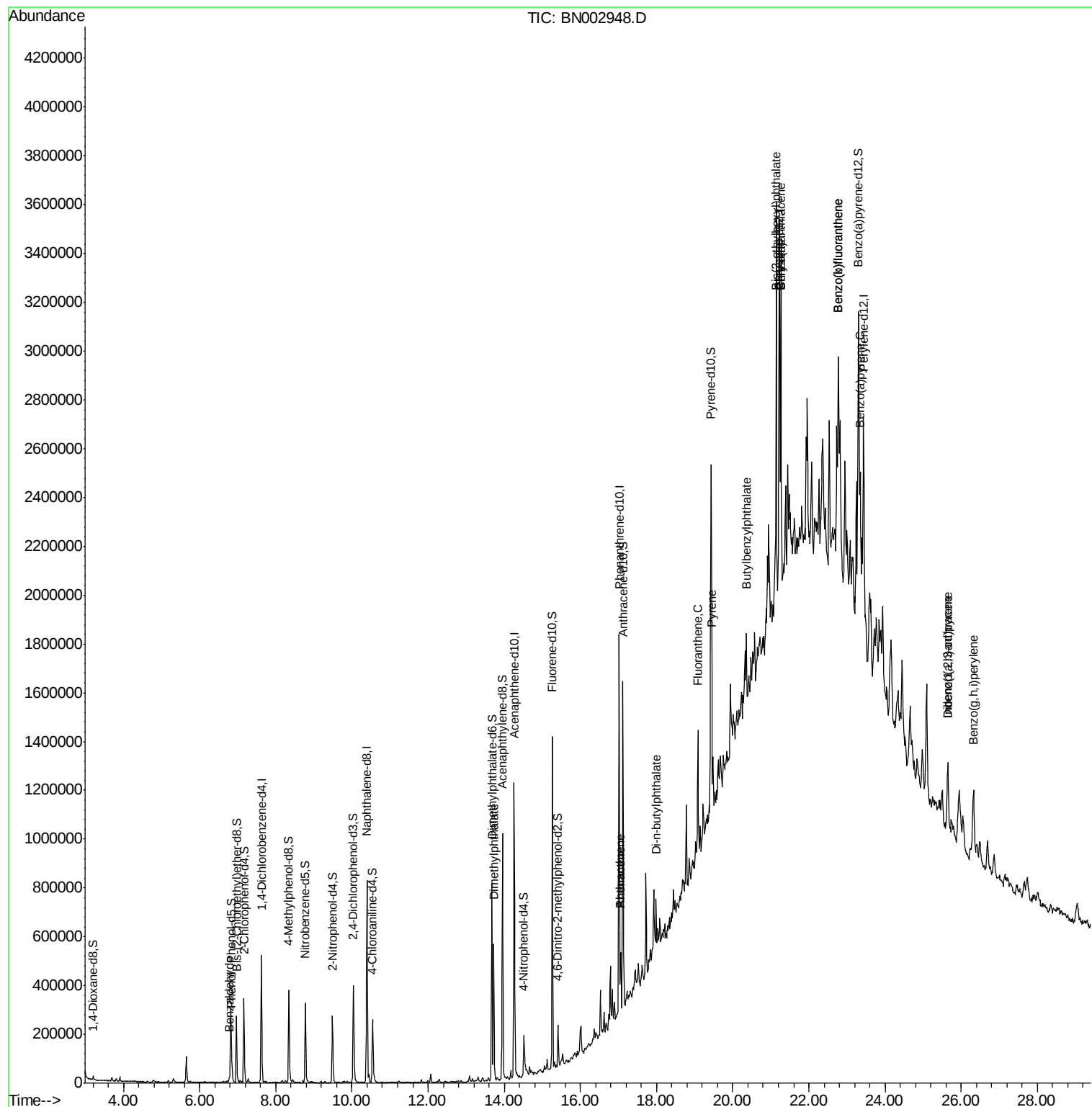
					Ovalue	
4) Benzaldehyde	6.79	77	7298	1.077	ng/ul#	63
6) Phenol	6.85	94	26645	2.132	ng/ul	93
44) Dimethylphthalate	13.73	163	376787	12.037	ng/ul	100
69) Phenanthrene	17.06	178	154252	3.143	ng/ul	97
71) Anthracene	17.06	178	154252	3.100	ng/ul	97
75) Di-n-butylphthalate	17.99	149	152300	2.972	ng/ul	97
76) Fluoranthene	19.09	202	300110	5.732	ng/ul	99
79) Pyrene	19.45	202	340813	7.773	ng/ul	98
80) Butylbenzylphthalate	20.36	149	82102	4.500	ng/ul	97
82) Benzo(a)anthracene	21.26	228	723135	17.529	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.14	149	596870	22.533	ng/ul	98
84) Chrysene	21.26	228	723135	18.701	ng/ul	99
87) Benzo(b)fluoranthene	22.78	252	501422	13.578	ng/ul#	85
88) Benzo(k)fluoranthene	22.78	252	501422	14.554	ng/ul#	87
90) Benzo(a)pyrene	23.34	252	163647	4.687	ng/ul#	79
91) Indeno(1,2,3-cd)pyrene	25.65	276	245944	5.950	ng/ul	96
92) Dibenzo(a,h)anthracene	25.65	278	63328	1.818	ng/ul#	73
93) Benzo(g,h,i)perylene	26.32	276	309194	8.949	ng/ul	97

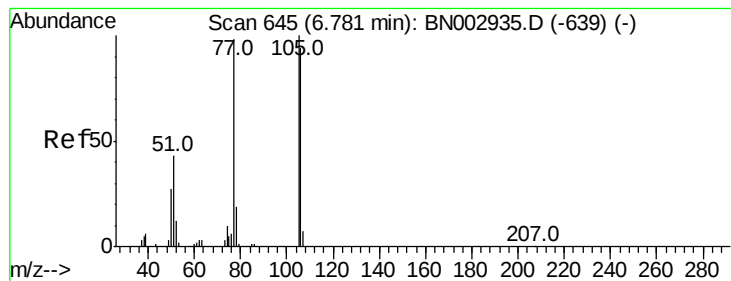
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 05 02:27:06 2018
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.077 ng/ul

RT: 6.79 min Scan# 646

Delta R.T. 0.01 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

Instrument :

BNA_N

ClientSampleId :

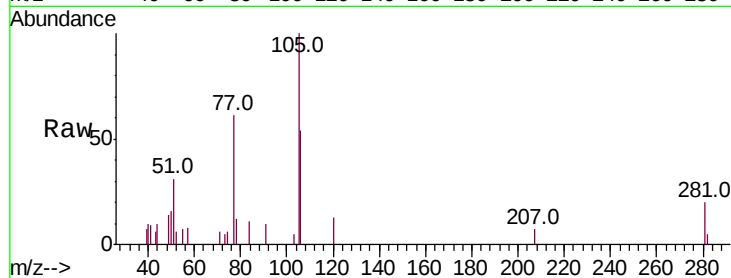
Tot Ion: 77 Resp: 7298

Ion Ratio Lower Upper

77 100

105 162.9 76.2 114.4#

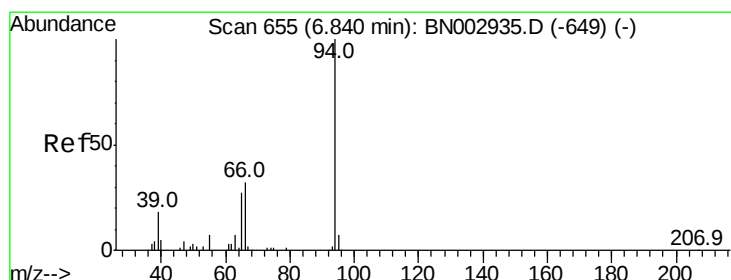
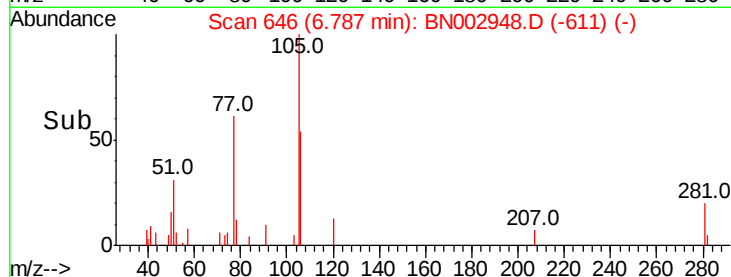
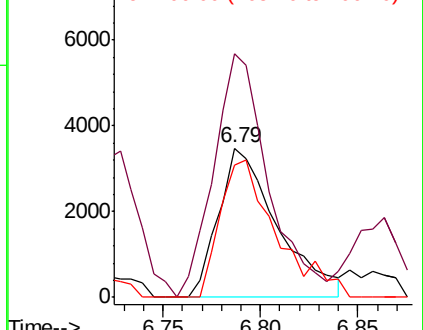
106 88.7 74.2 111.2



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 106.00 (105.70 to 106.70): BNC



#6

Phenol

Concen: 2.132 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. 0.01 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

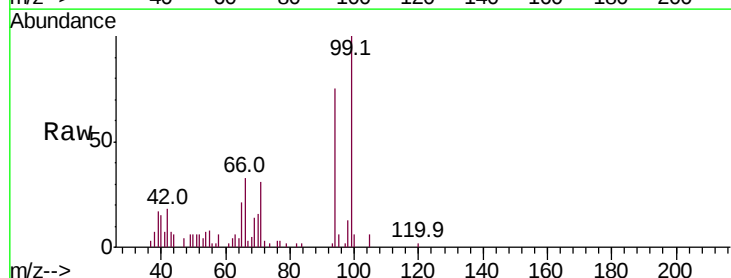
Tgt Ion: 94 Resp: 26645

Ion Ratio Lower Upper

94 100

65 28.2 23.1 34.7

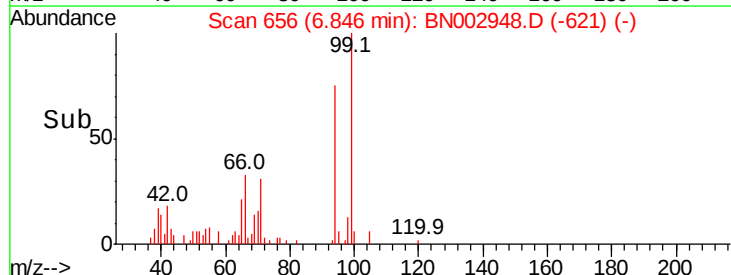
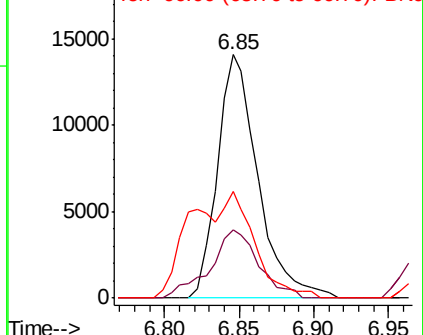
66 43.6 29.8 44.6

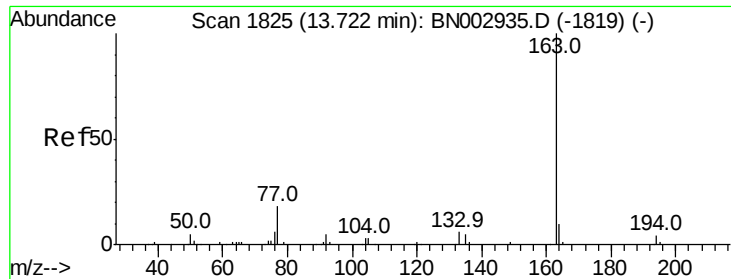


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

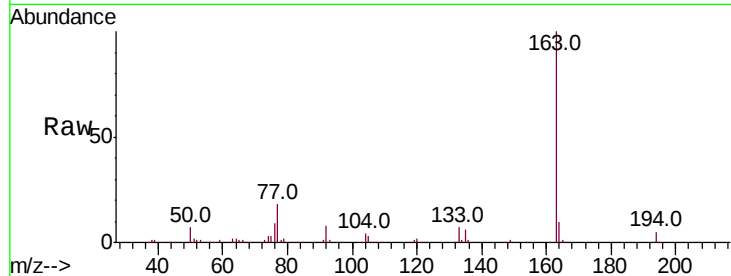




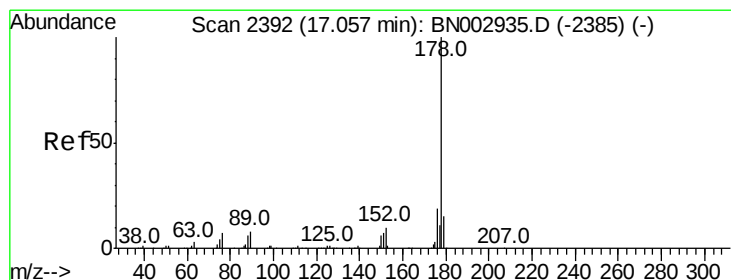
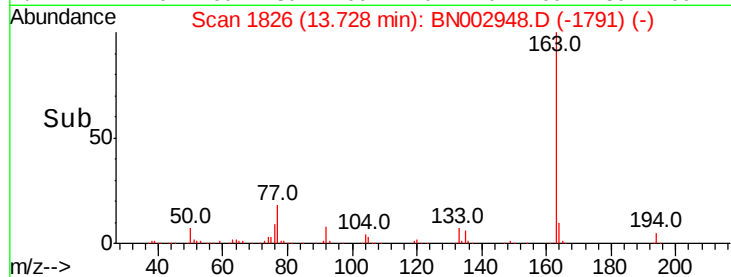
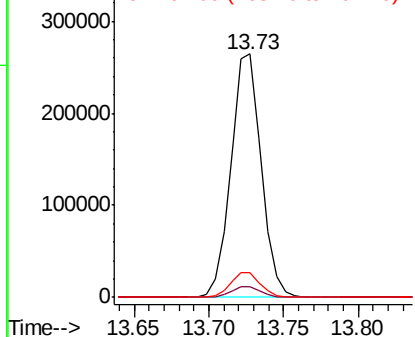
#44
Dimethylphthalate
Concen: 12.037 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BN002948.D
Acq: 05 Oct 2018 00:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.0	8.1	12.1

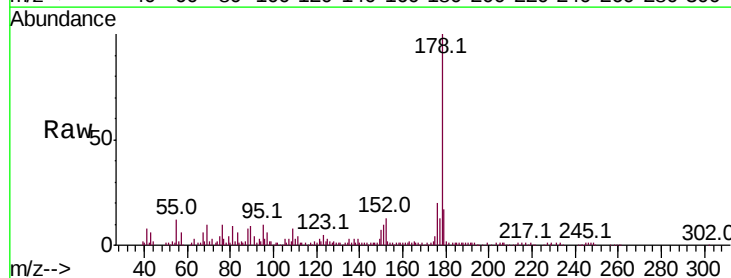


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

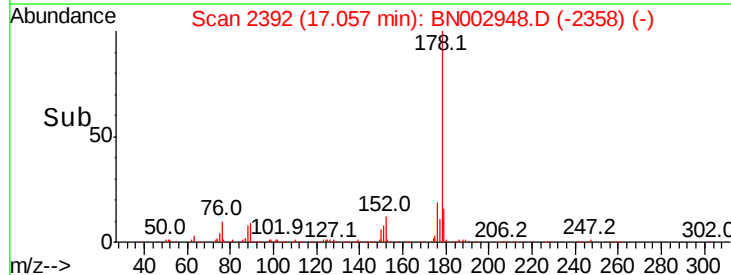
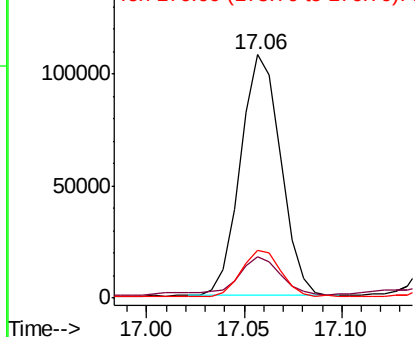


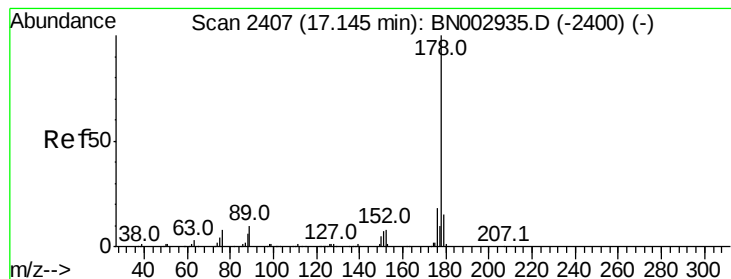
#69
Phenanthrene
Concen: 3.143 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BN002948.D
Acq: 05 Oct 2018 00:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.2	18.4
176	19.8	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: 3.100 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. -0.09 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

Instrument :

BNA_N

ClientSampled :

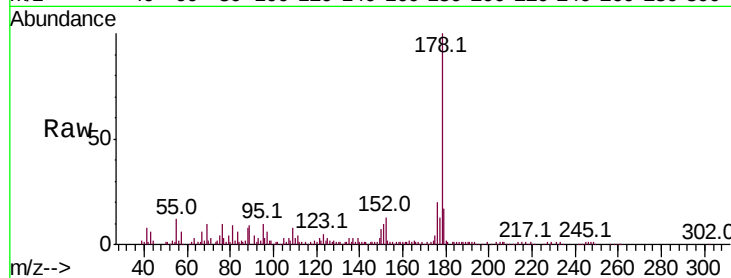
Tot Ion:178 Resp: 154252

Ion Ratio Lower Upper

178 100

179 17.0 12.0 18.0

176 19.8 15.0 22.4

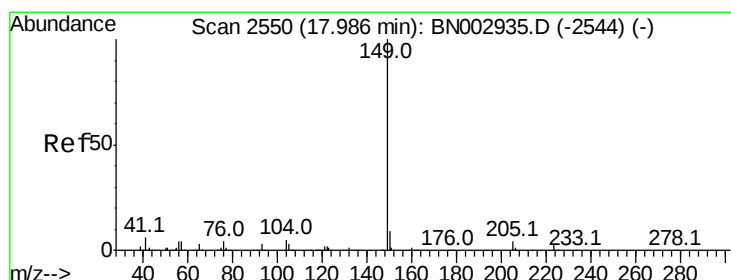
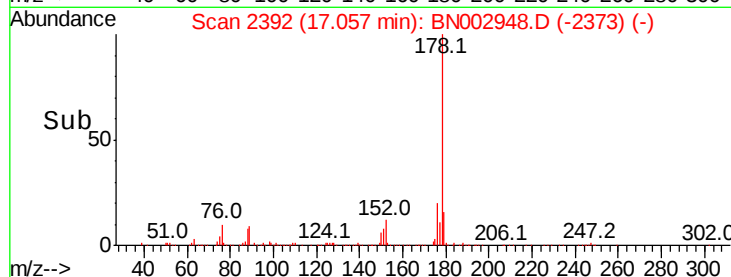
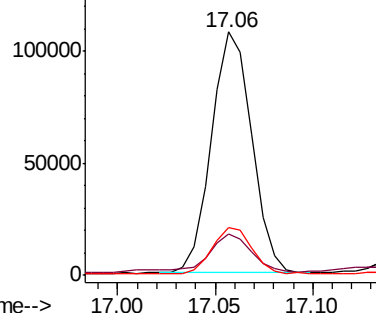


Abundance

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



#75

Di-n-butylphthalate

Concen: 2.972 ng/ul

RT: 17.99 min Scan# 2550

Delta R.T. -0.00 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

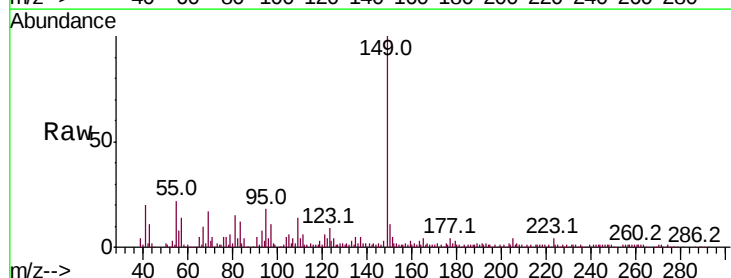
Tgt Ion:149 Resp: 152300

Ion Ratio Lower Upper

149 100

150 10.9 7.3 10.9

104 4.7 3.7 5.5

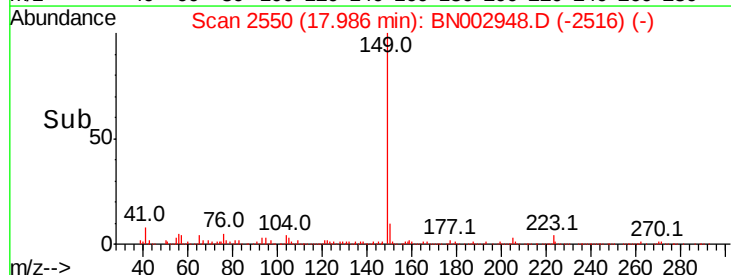
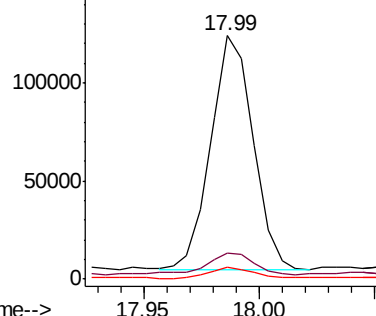


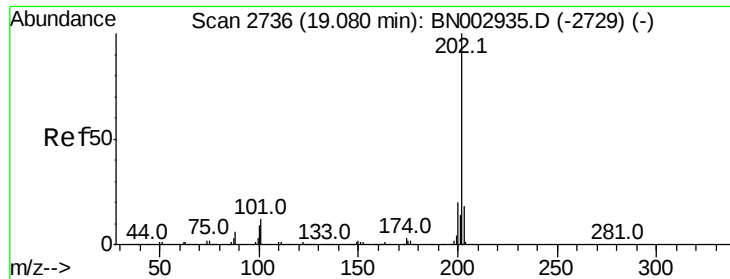
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Fluoranthene

Concen: 5.732 ng/ul

RT: 19.09 min Scan# 2737

Delta R.T. 0.01 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

Instrument :

BNA_N

ClientSampleId :

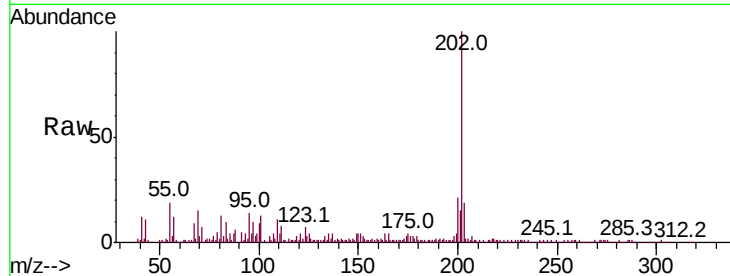
Tot Ion:202 Resp: 300110

Ion Ratio Lower Upper

202 100

101 12.8 9.4 14.2

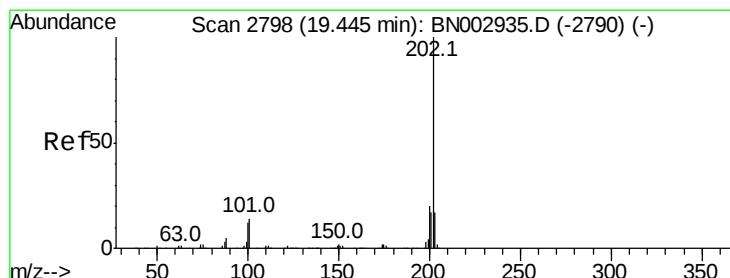
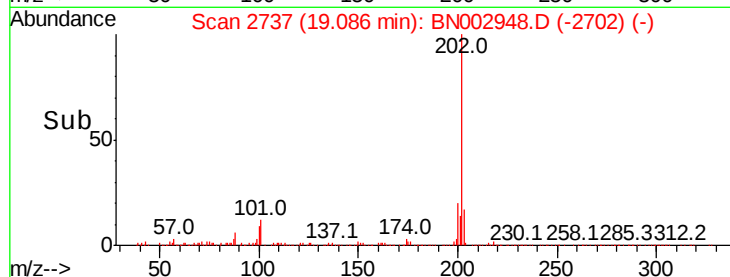
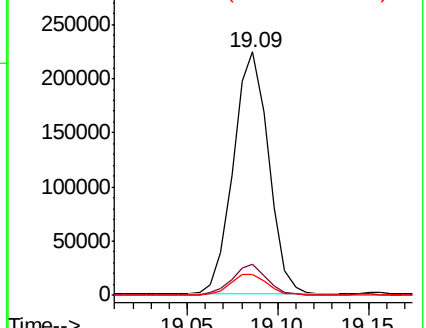
100 8.8 7.0 10.6



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: 7.773 ng/ul

RT: 19.45 min Scan# 2799

Delta R.T. 0.01 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

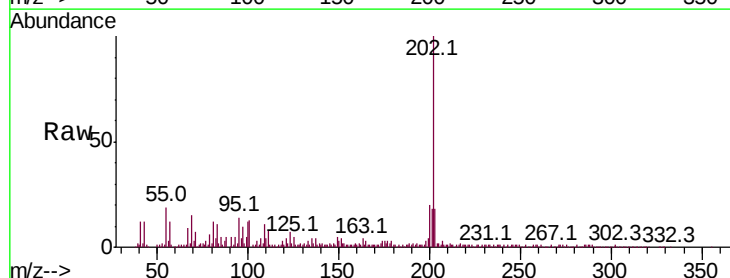
Tgt Ion:202 Resp: 340813

Ion Ratio Lower Upper

202 100

101 13.1 10.8 16.2

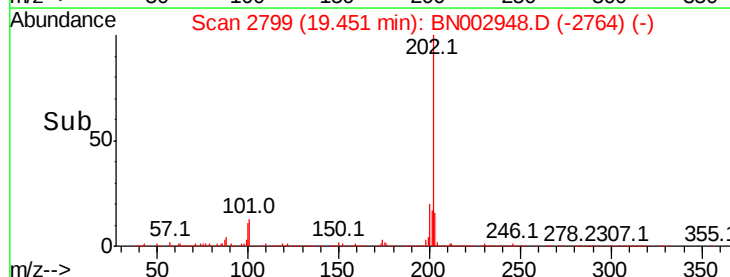
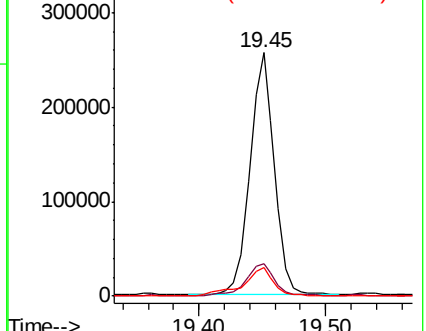
100 11.6 8.2 12.2

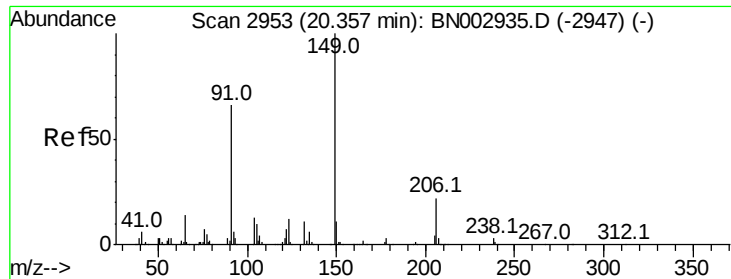


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

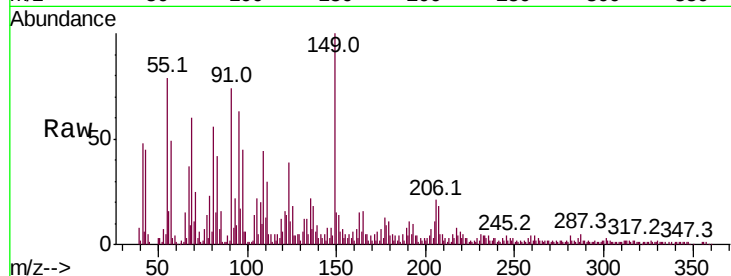




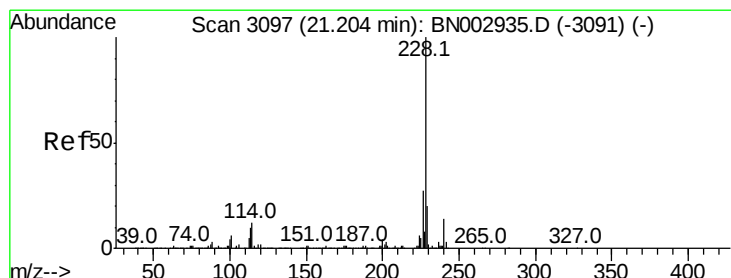
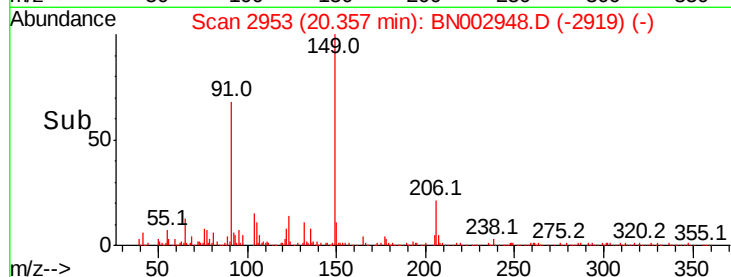
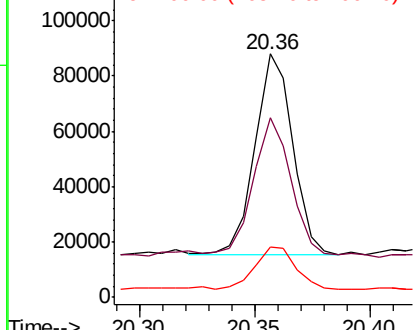
#80
Butylbenzylphthalate
Concen: 4.500 ng/ul
RT: 20.36 min Scan# 2953
Delta R.T. -0.00 min
Lab File: BN002948.D
Acq: 05 Oct 2018 00:18

Instrument :
BNA_N
ClientSampled :

Tot Ion:149 Resp: 82102
Ion Ratio Lower Upper
149 100
91 73.7 56.3 84.5
206 20.7 16.8 25.2

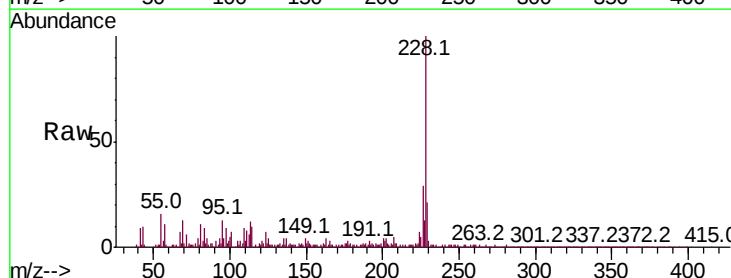


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BNA_N
Ion 206.00 (205.70 to 206.70): E

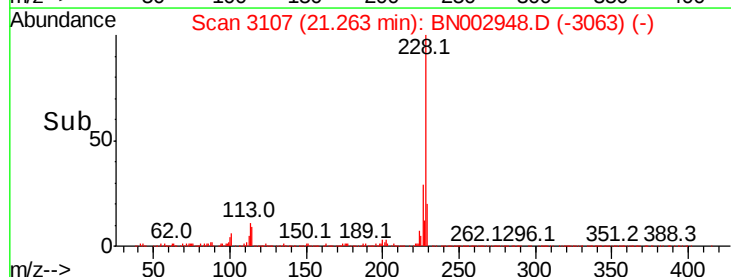
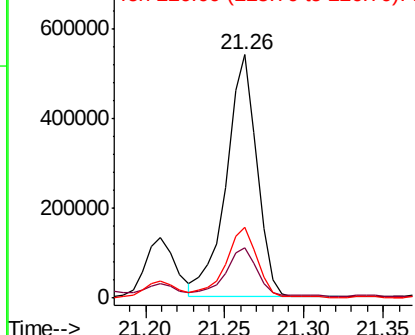


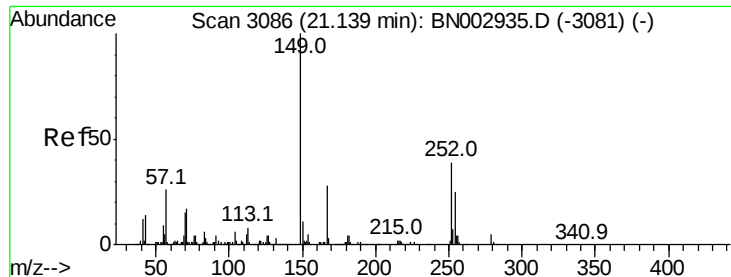
#82
Benzo(a)anthracene
Concen: 17.529 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. 0.06 min
Lab File: BN002948.D
Acq: 05 Oct 2018 00:18

Tgt Ion:228 Resp: 723135
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 28.8 20.9 31.3



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: 22.533 ng/ul

RT: 21.14 min Scan# 3087

Delta R.T. 0.01 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

Instrument :

BNA_N

ClientSampleId :

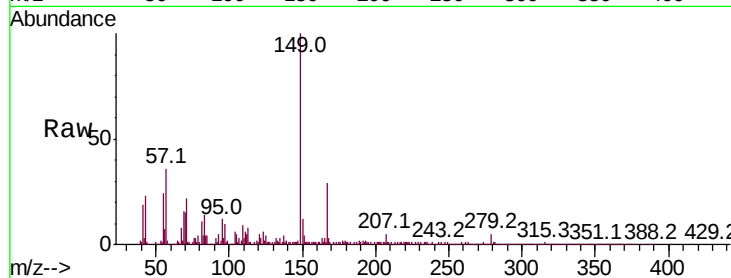
Tot Ion:149 Resp: 596870

Ion Ratio Lower Upper

149 100

167 28.6 22.0 33.0

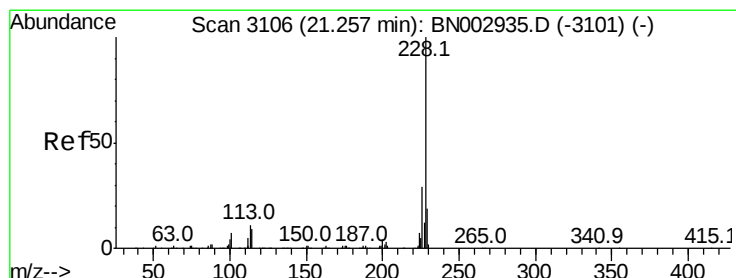
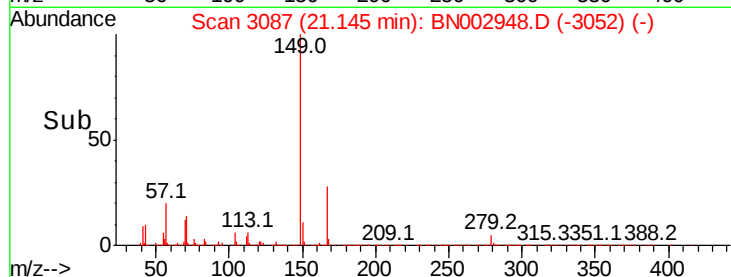
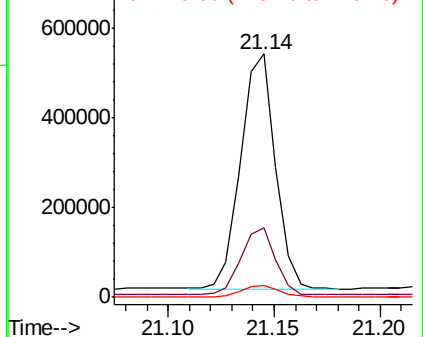
279 4.9 3.3 4.9



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: 18.701 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. 0.01 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

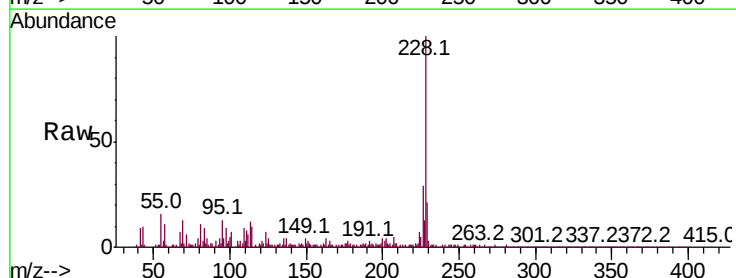
Tgt Ion:228 Resp: 723135

Ion Ratio Lower Upper

228 100

226 28.8 23.4 35.0

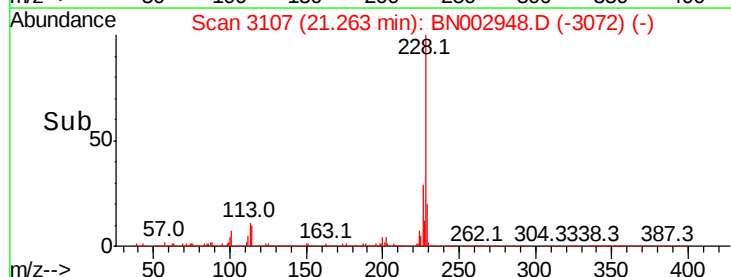
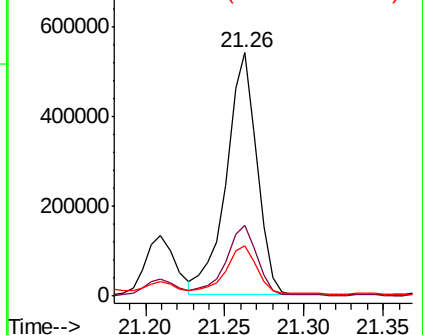
229 20.8 15.7 23.5

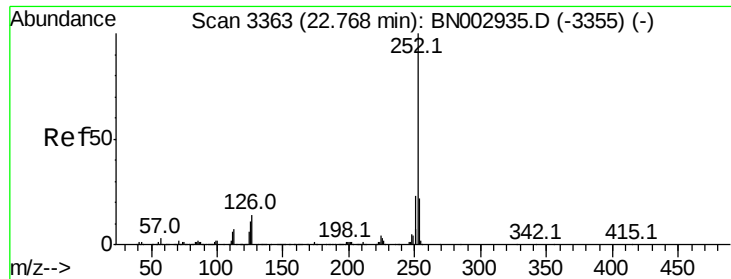


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 13.578 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. 0.01 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

Instrument :

BNA_N

ClientSampleId :

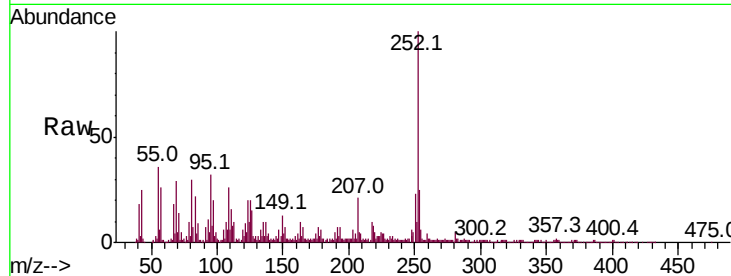
Tot Ion:252 Resp: 501422

Ion Ratio Lower Upper

252 100

253 25.5 17.0 25.4#

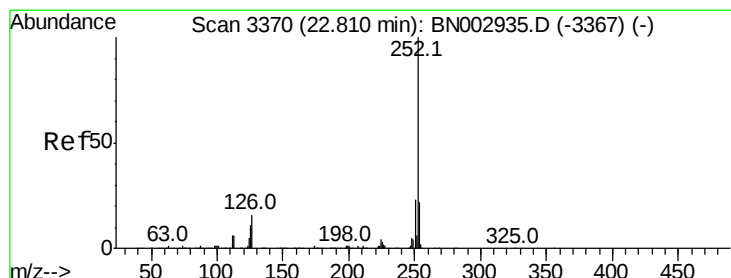
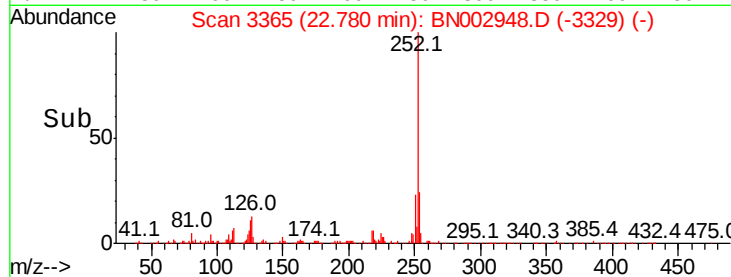
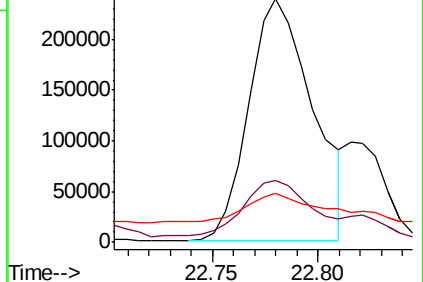
125 20.0 8.0 12.0#



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



#88

Benzo(k)fluoranthene

Concen: 14.554 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. -0.03 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

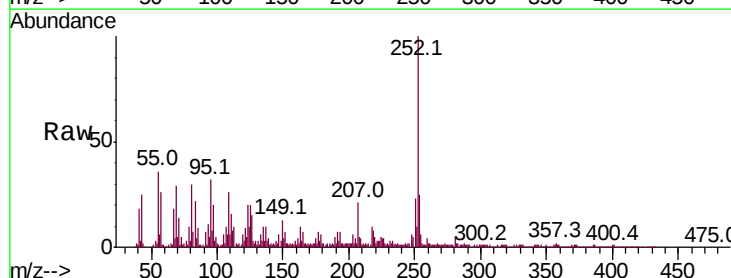
Tgt Ion:252 Resp: 501422

Ion Ratio Lower Upper

252 100

253 25.5 17.8 26.8

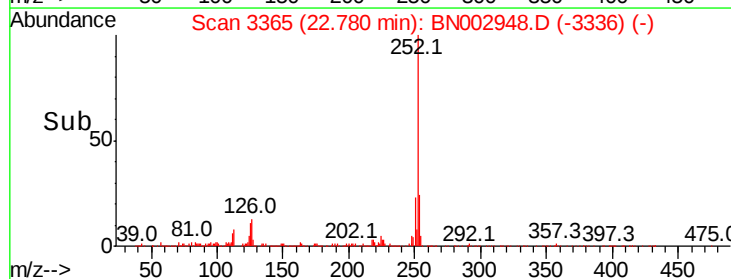
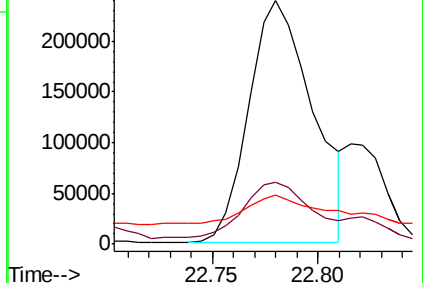
125 20.0 8.3 12.5#

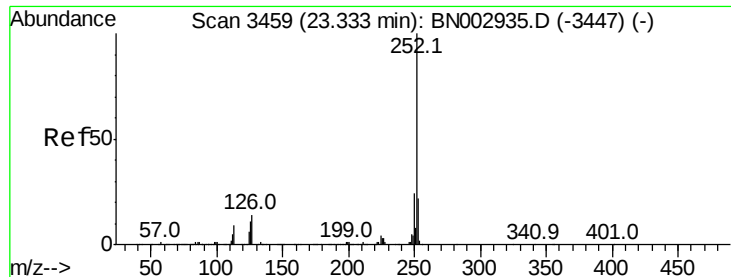


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 4.687 ng/ul

RT: 23.34 min Scan# 3461

Delta R.T. 0.01 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

Instrument :

BNA_N

ClientSampled :

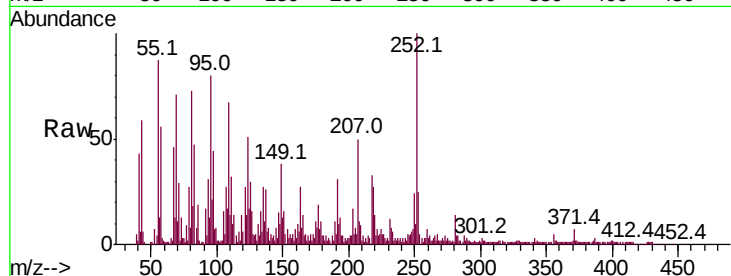
Tot Ion:252 Resp: 163647

Ion Ratio Lower Upper

252 100

253 25.2 17.6 26.4

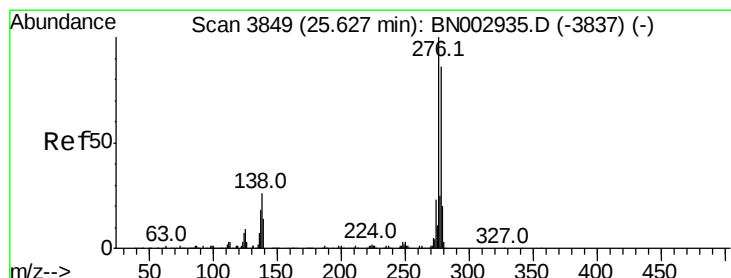
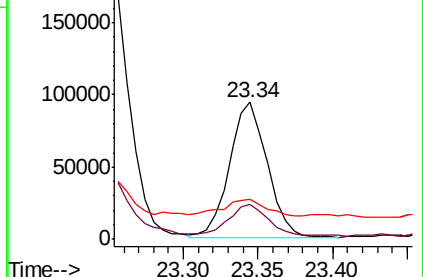
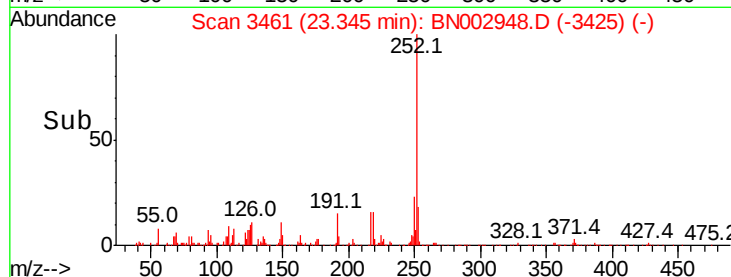
125 29.5 8.8 13.2#



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: 5.950 ng/ul

RT: 25.65 min Scan# 3853

Delta R.T. 0.02 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

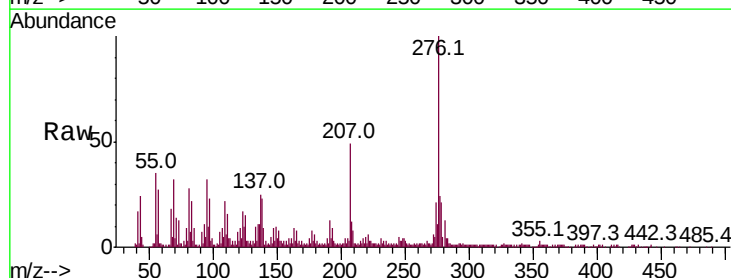
Tgt Ion:276 Resp: 245944

Ion Ratio Lower Upper

276 100

138 22.6 20.2 30.4

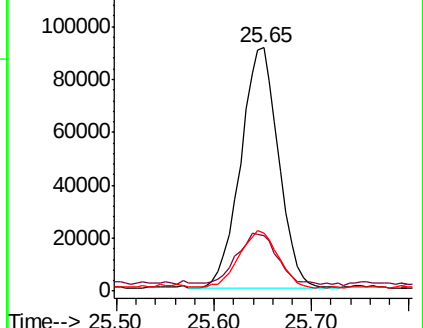
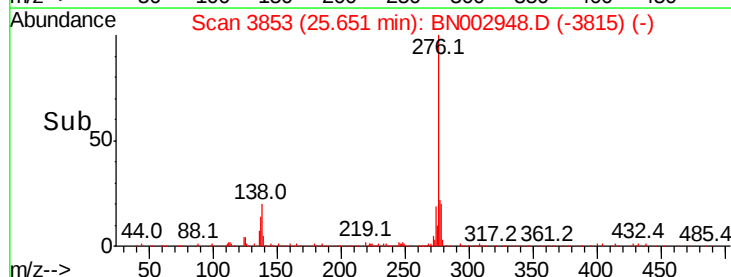
277 23.7 20.0 30.0

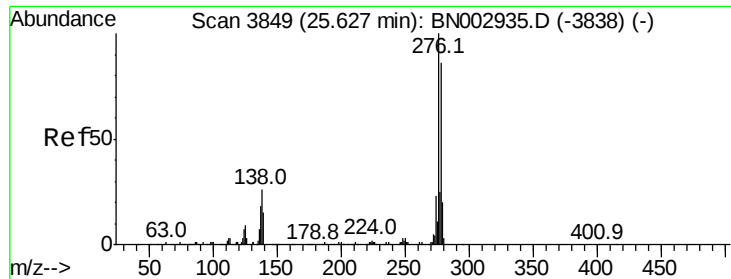


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 1.818 ng/ul

RT: 25.65 min Scan# 3853

Delta R.T. 0.02 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

Instrument :

BNA_N

ClientSampleId :

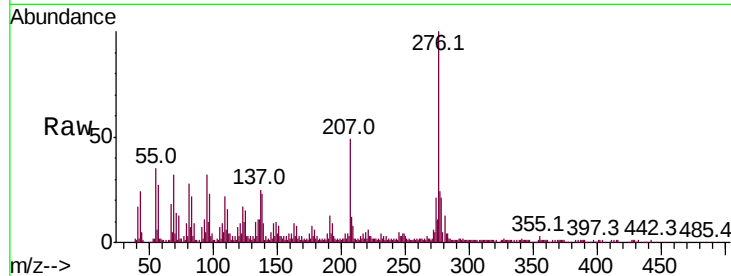
Tot Ion:278 Resp: 63328

Ion Ratio Lower Upper

278 100

139 41.0 12.7 19.1#

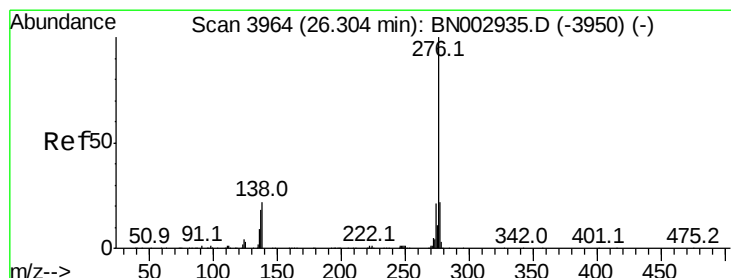
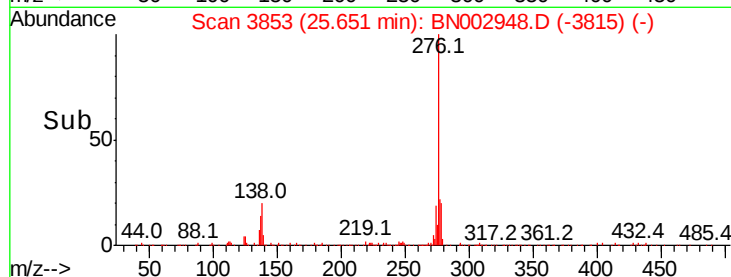
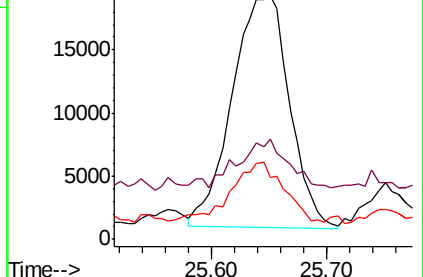
279 25.6 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 8.949 ng/ul

RT: 26.32 min Scan# 3967

Delta R.T. 0.02 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

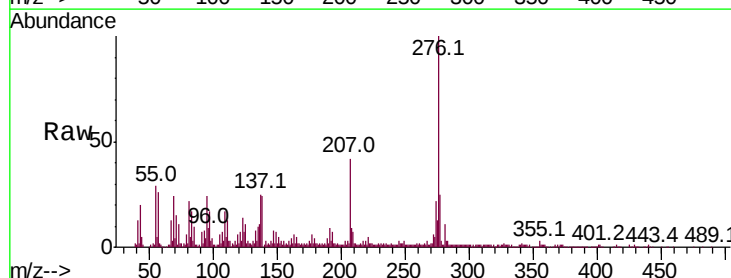
Tgt Ion:276 Resp: 309194

Ion Ratio Lower Upper

276 100

138 24.3 18.2 27.2

277 25.1 18.6 28.0



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

