

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
 Data File : BN002947.D
 Acq On : 04 Oct 2018 23:42
 Operator : MJ/SJ
 Sample : J5184-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 05 02:28:56 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	140100	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	655648	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	401261	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	880404	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	727749	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	626668	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	9643	3.18	ng/uL	0.00
5) Phenol-d5	6.82	99	258628	21.74	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.97	67	151365	20.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	212681	21.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	210092	22.80	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	104406	20.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	123213	21.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	221976	21.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	220362	18.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	687507	21.89	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	890597	21.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	96751	18.63	ng/ul	0.01
57) Fluorene-d10	15.26	176	616442	22.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	60743	11.03	ng/ul	0.00
70) Anthracene-d10	17.12	188	908168	21.61	ng/ul	0.00
78) Pyrene-d10	19.42	212	924840	24.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	725410	21.99	ng/ul	0.00

Target Compounds

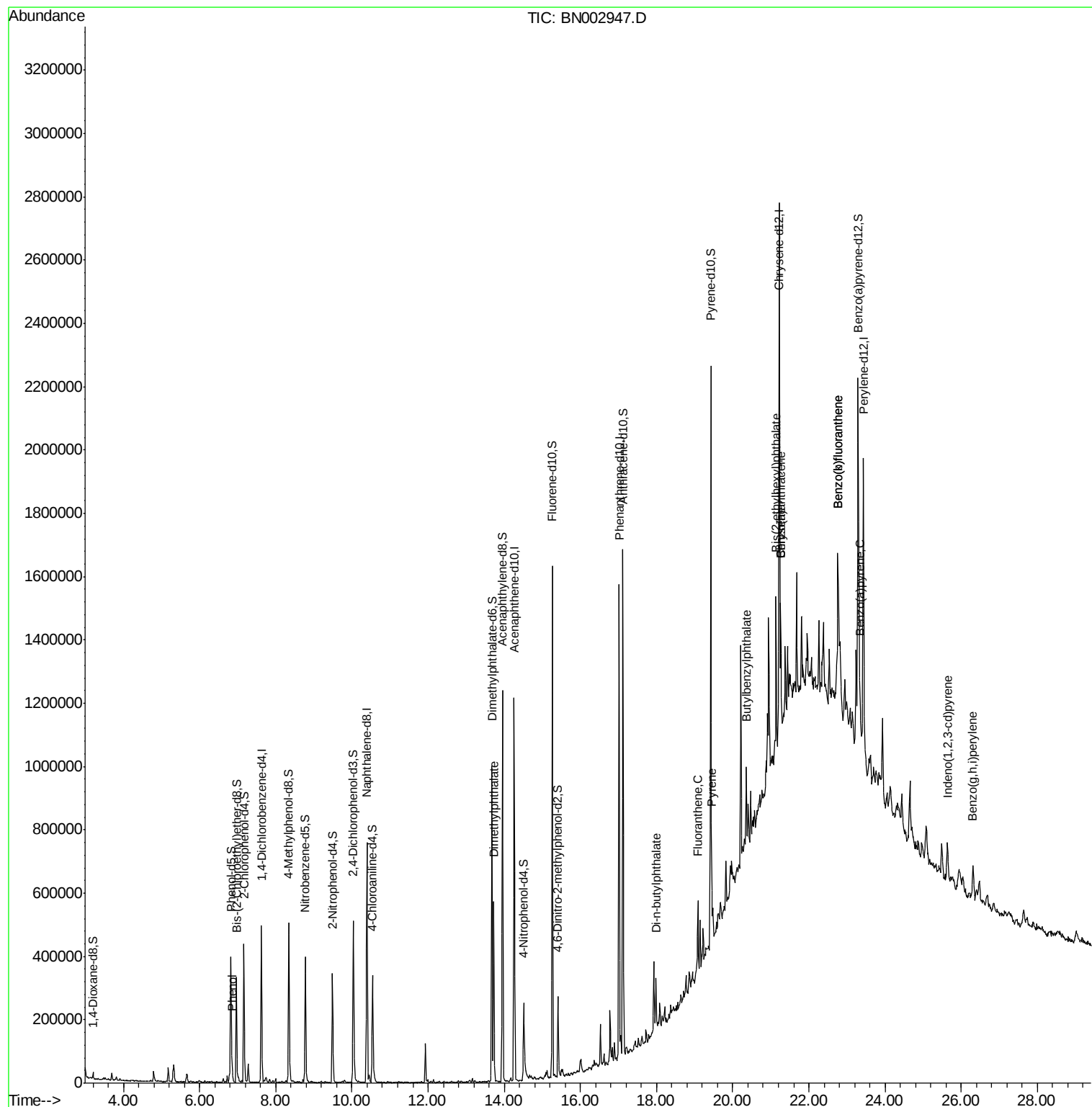
					Ovalue	
6) Phenol	6.85	94	17857	1.488	ng/ul	96
44) Dimethylphthalate	13.73	163	379242	12.371	ng/ul	99
75) Di-n-butylphthalate	17.99	149	123464	2.438	ng/ul	99
76) Fluoranthene	19.09	202	126230	2.439	ng/ul	99
79) Pyrene	19.45	202	141431	2.939	ng/ul	98
80) Butylbenzylphthalate	20.36	149	70240	3.508	ng/ul	97
82) Benzo(a)anthracene	21.26	228	241866	5.342	ng/ul	92
83) Bis(2-ethylhexyl)phthalate	21.14	149	167042	5.747	ng/ul	100
84) Chrysene	21.26	228	241866	5.700	ng/ul	95
87) Benzo(b)fluoranthene	22.77	252	306164	8.000	ng/ul#	89
88) Benzo(k)fluoranthene	22.77	252	306164	8.575	ng/ul#	91
90) Benzo(a)pyrene	23.34	252	75309	2.081	ng/ul#	77
91) Indeno(1,2,3-cd)pyrene	25.64	276	100381	2.343	ng/ul	98
93) Benzo(g,h,i)perylene	26.31	276	121316	3.388	ng/ul	99

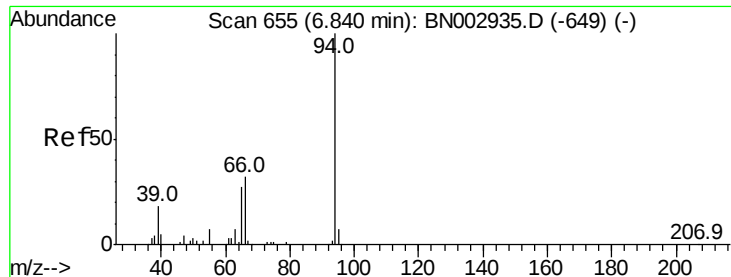
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 1.488 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.01 min

Lab File: BN002947.D

Acq: 04 Oct 2018 23:42

Instrument :

BNA_N

ClientSampleId :

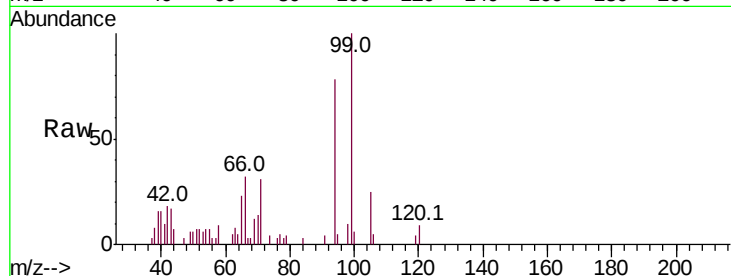
Tot Ion: 94 Resp: 17857

Ion Ratio Lower Upper

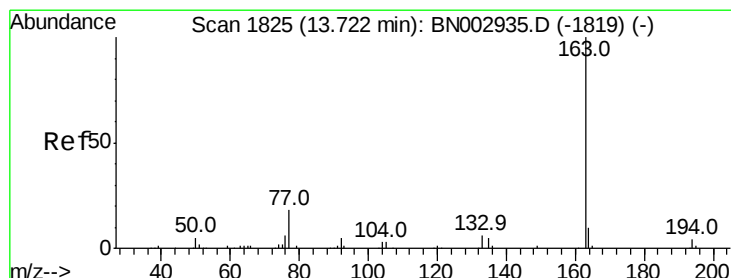
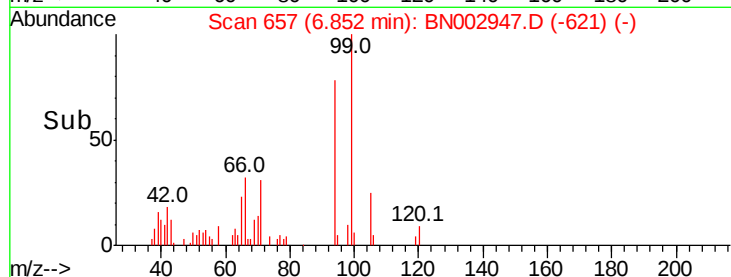
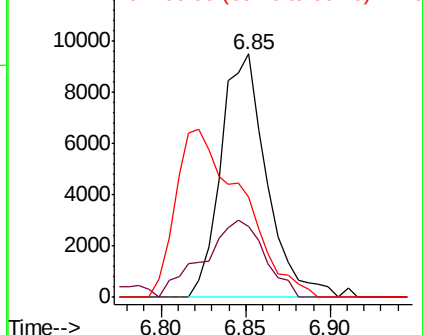
94 100

65 29.1 23.1 34.7

66 41.3 29.8 44.6



Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0



#44

Dimethylphthalate

Concen: 12.371 ng/ul

RT: 13.73 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BN002947.D

Acq: 04 Oct 2018 23:42

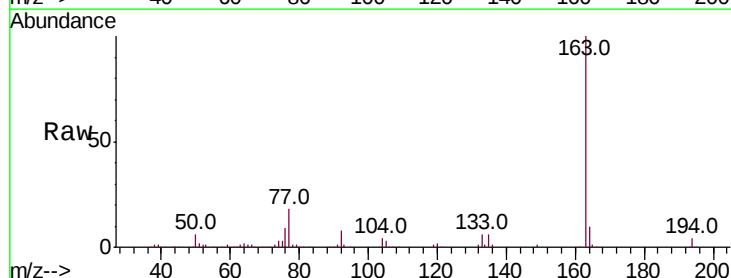
Tgt Ion:163 Resp: 379242

Ion Ratio Lower Upper

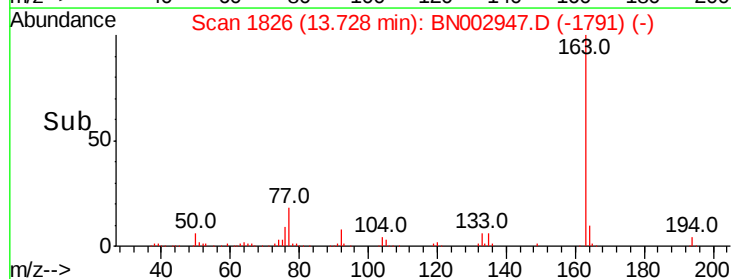
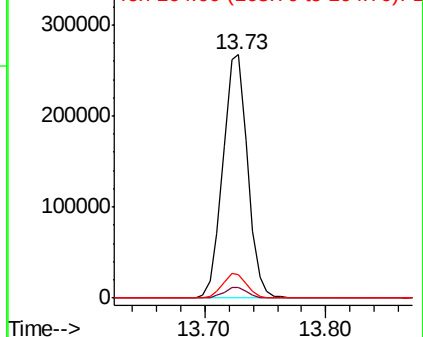
163 100

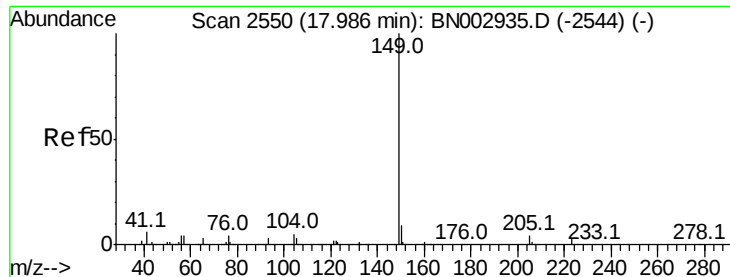
194 4.5 3.5 5.3

164 9.8 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





#75

Di-n-butylphthalate

Concen: 2.438 ng/ul

RT: 17.99 min Scan# 2550

Delta R.T. -0.00 min

Lab File: BN002947.D

Acq: 04 Oct 2018 23:42

Instrument :

BNA_N

ClientSampleId :

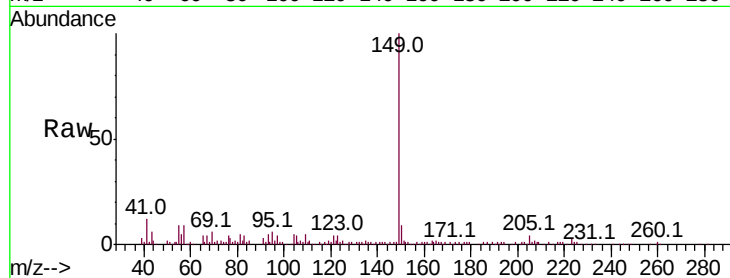
Tot Ion:149 Resp: 123464

Ion Ratio Lower Upper

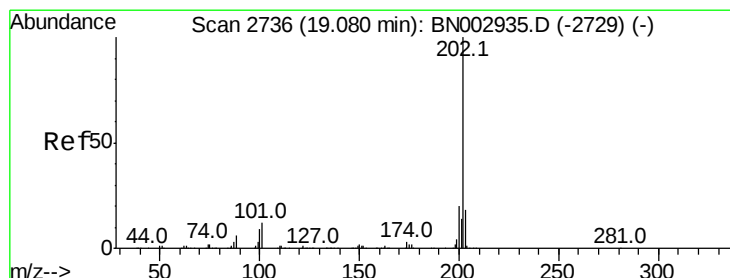
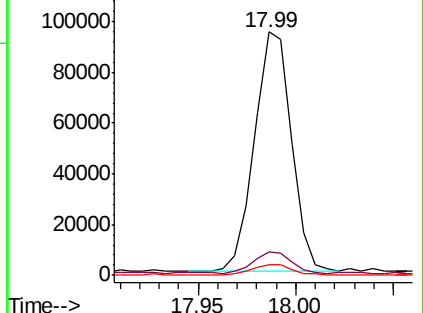
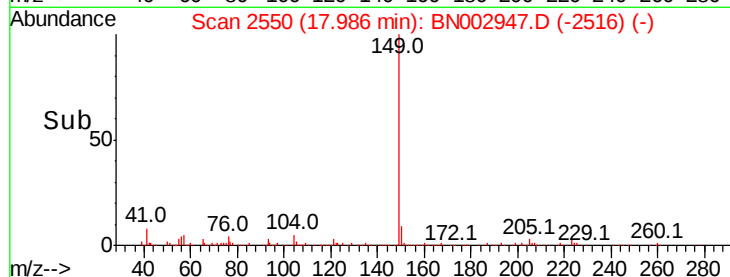
149 100

150 9.5 7.3 10.9

104 4.6 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: 2.439 ng/ul

RT: 19.09 min Scan# 2737

Delta R.T. 0.01 min

Lab File: BN002947.D

Acq: 04 Oct 2018 23:42

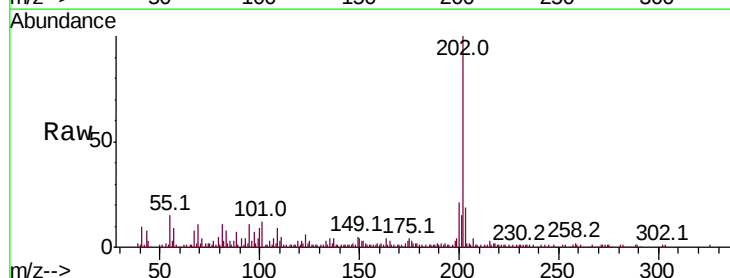
Tgt Ion:202 Resp: 126230

Ion Ratio Lower Upper

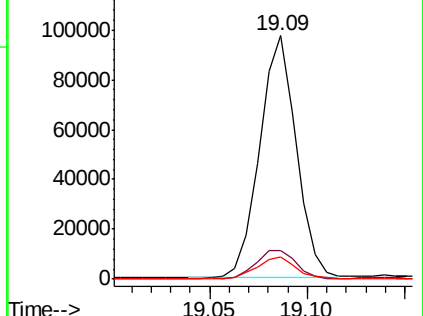
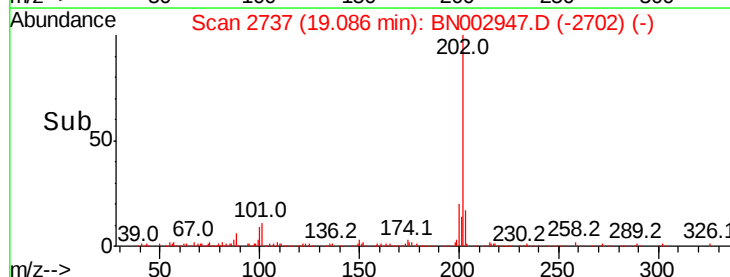
202 100

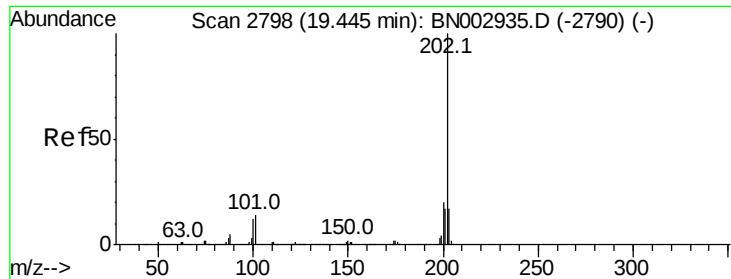
101 11.9 9.4 14.2

100 9.1 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

Pvrene

Concen: 2.939 ng/ul

RT: 19.45 min Scan# 2799

Delta R.T. 0.01 min

Lab File: BN002947.D

Acq: 04 Oct 2018 23:42

Instrument :

BNA_N

ClientSampleId :

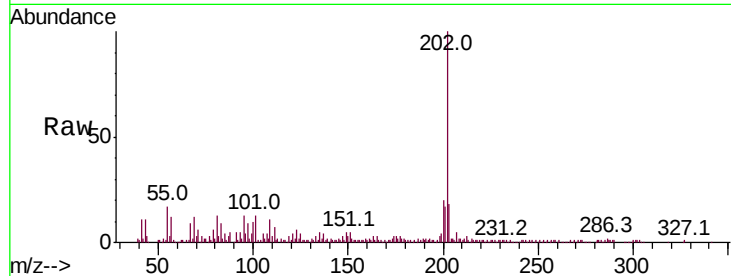
Tot Ion:202 Resp: 141431

Ion Ratio Lower Upper

202 100

101 12.5 10.8 16.2

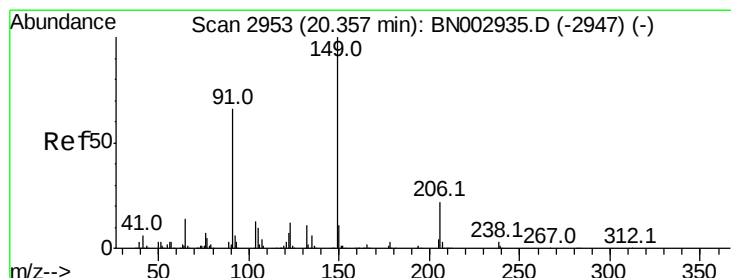
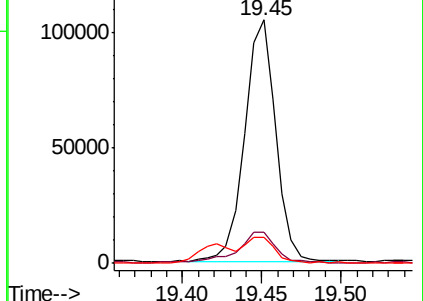
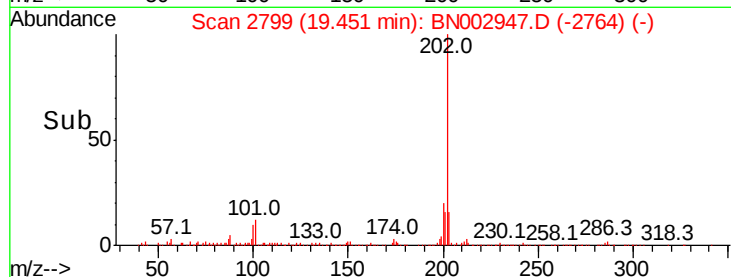
100 10.5 8.2 12.2



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: 3.508 ng/ul

RT: 20.36 min Scan# 2953

Delta R.T. -0.00 min

Lab File: BN002947.D

Acq: 04 Oct 2018 23:42

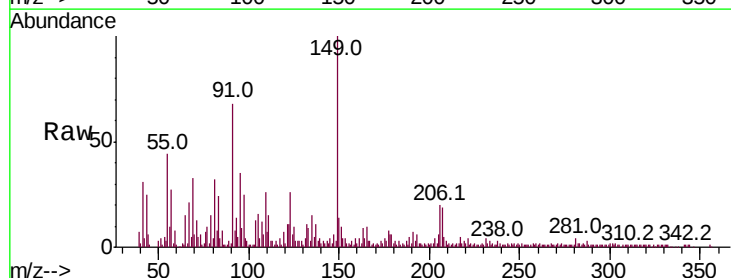
Tgt Ion:149 Resp: 70240

Ion Ratio Lower Upper

149 100

91 68.1 56.3 84.5

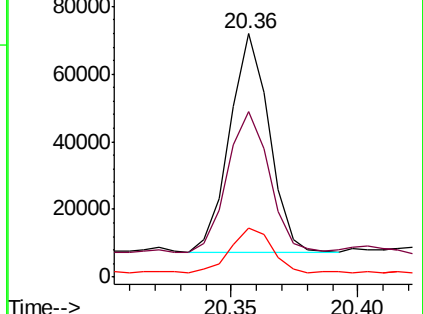
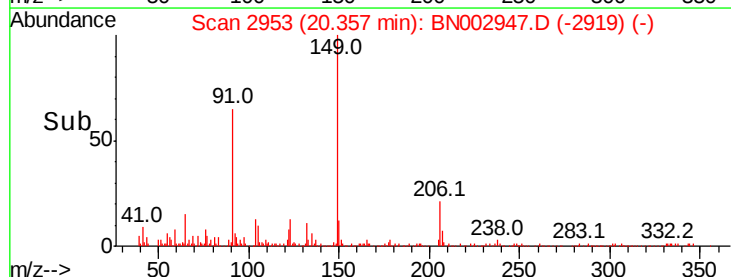
206 20.2 16.8 25.2

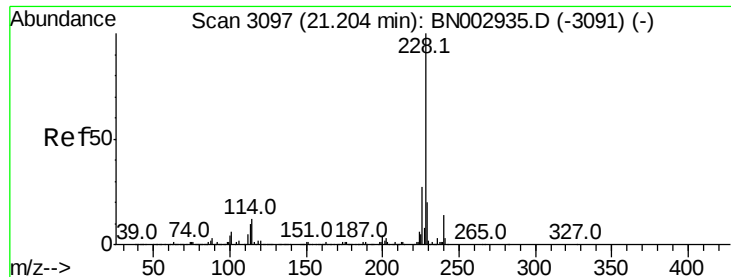


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#82

Benzo(a)anthracene

Concen: 5.342 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.05 min

Lab File: BN002947.D

Acq: 04 Oct 2018 23:42

Instrument :

BNA_N

ClientSampleId :

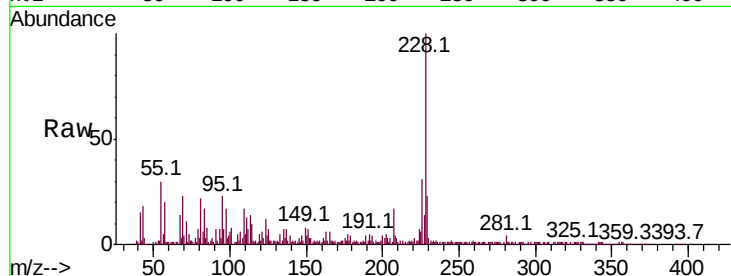
Tot Ion:228 Resp: 241866

Ion Ratio Lower Upper

228 100

229 22.8 15.8 23.6

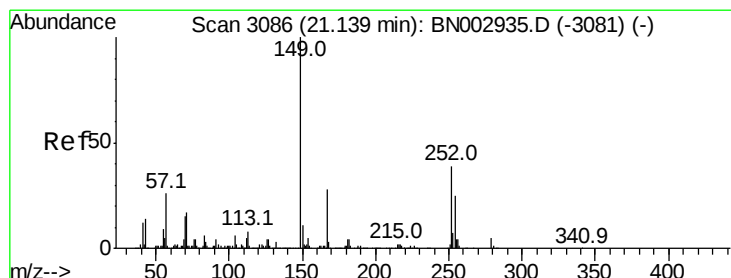
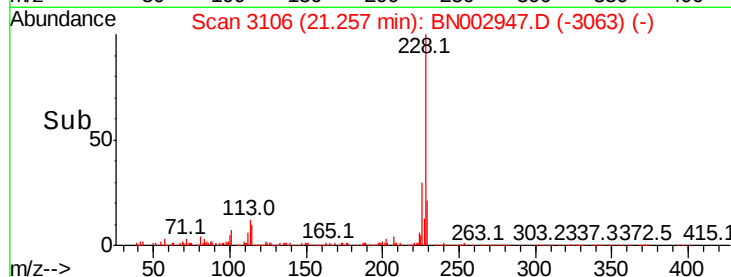
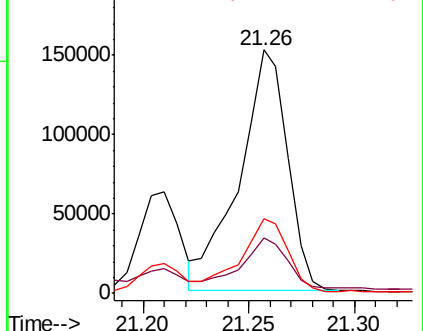
226 30.8 20.9 31.3



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: 5.747 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. -0.00 min

Lab File: BN002947.D

Acq: 04 Oct 2018 23:42

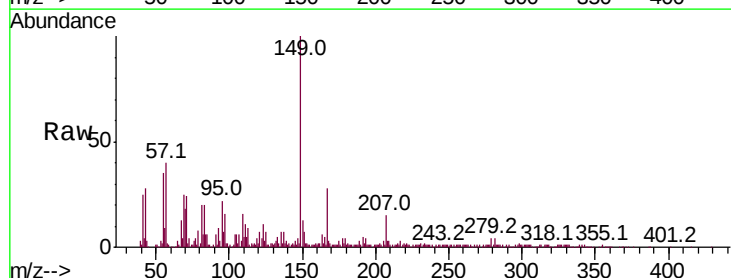
Tgt Ion:149 Resp: 167042

Ion Ratio Lower Upper

149 100

167 27.6 22.0 33.0

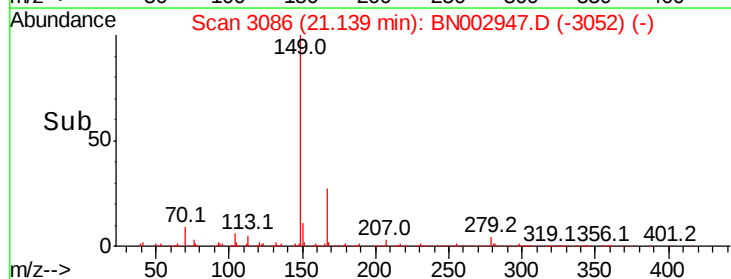
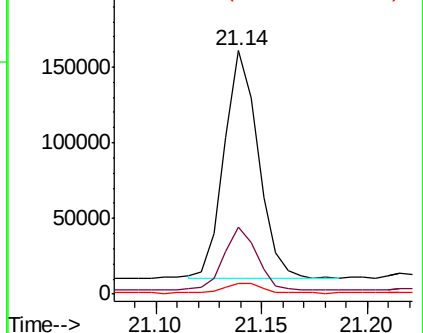
279 4.3 3.3 4.9

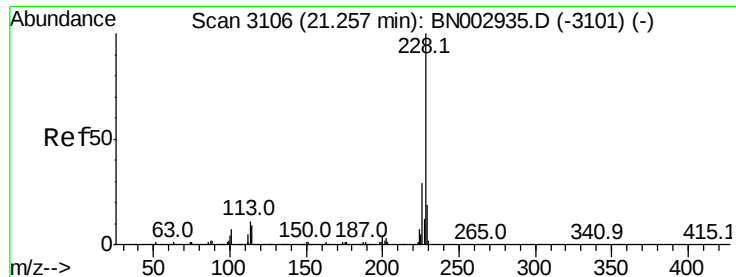


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 5.700 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BN002947.D

Acq: 04 Oct 2018 23:42

Instrument :

BNA_N

ClientSampleId :

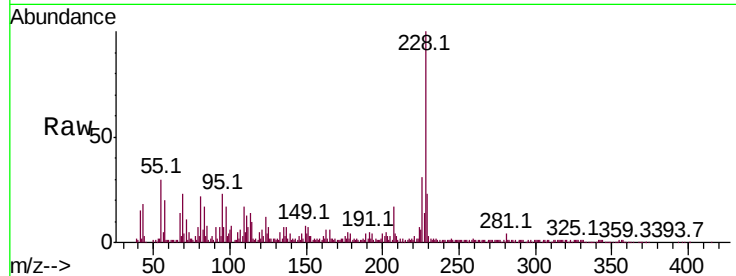
Tot Ion:228 Resp: 241866

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.0

229 22.8 15.7 23.5

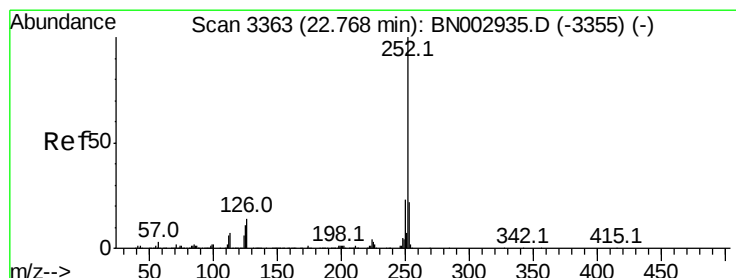
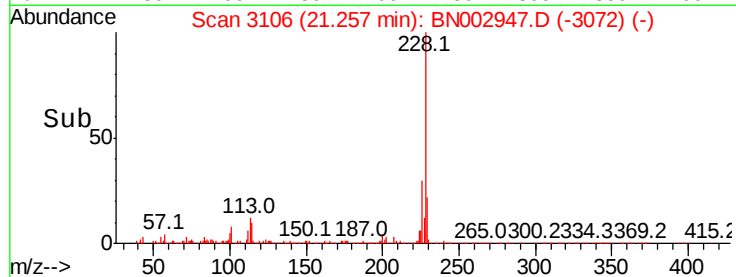
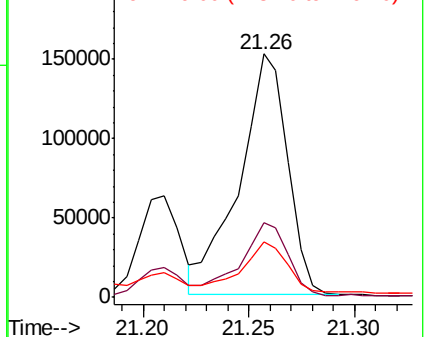


Abundance

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: 8.000 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BN002947.D

Acq: 04 Oct 2018 23:42

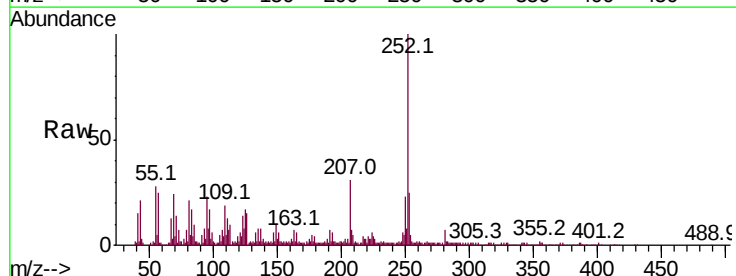
Tgt Ion:252 Resp: 306164

Ion Ratio Lower Upper

252 100

253 24.8 17.0 25.4

125 17.2 8.0 12.0#

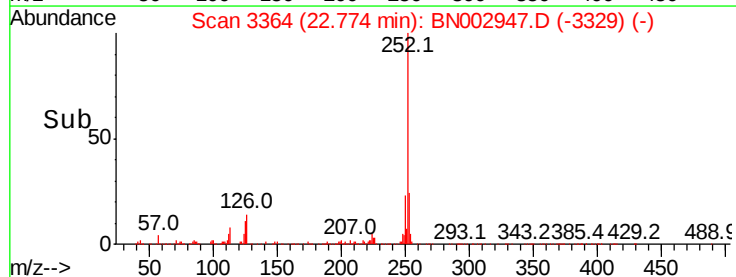
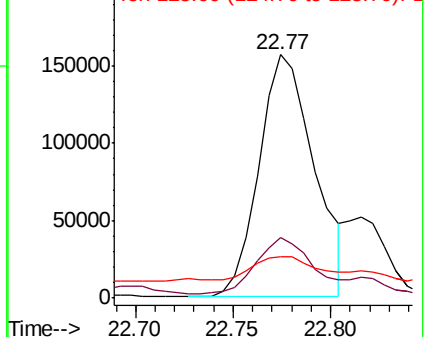


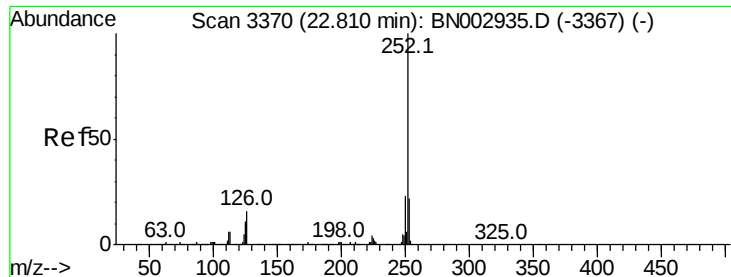
Abundance

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: 8.575 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. -0.04 min

Lab File: BN002947.D

Acq: 04 Oct 2018 23:42

Instrument :

BNA_N

ClientSampleId :

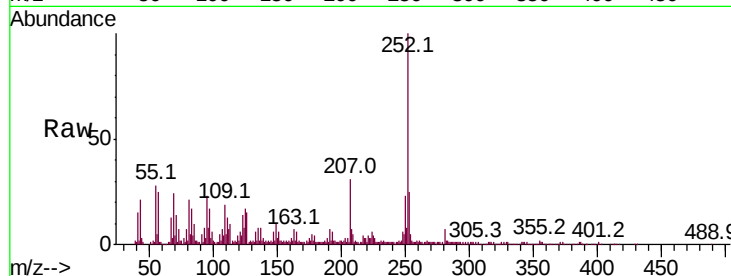
Tot Ion:252 Resp: 306164

Ion Ratio Lower Upper

252 100

253 24.8 17.8 26.8

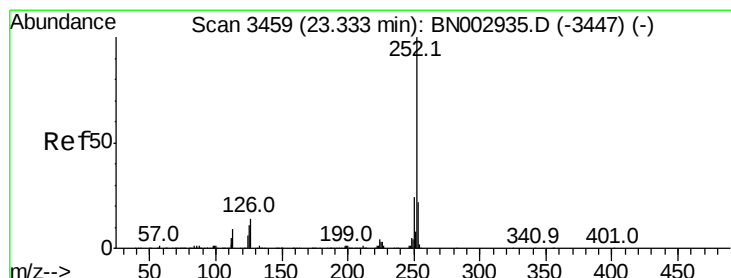
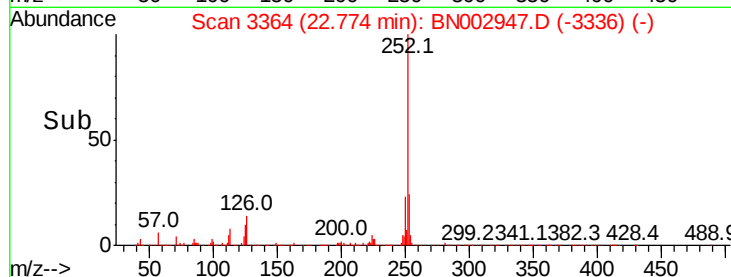
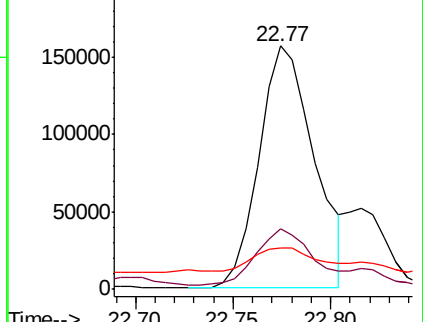
125 17.2 8.3 12.5#



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: 2.081 ng/ul

RT: 23.34 min Scan# 3460

Delta R.T. 0.01 min

Lab File: BN002947.D

Acq: 04 Oct 2018 23:42

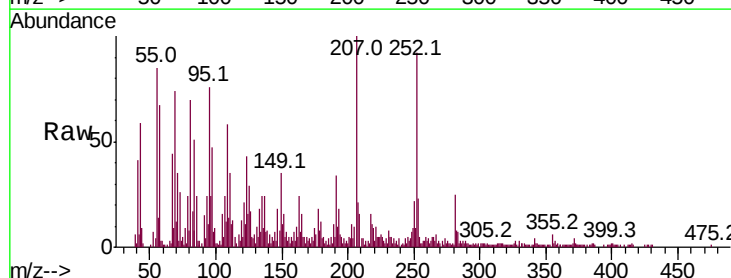
Tgt Ion:252 Resp: 75309

Ion Ratio Lower Upper

252 100

253 25.3 17.6 26.4

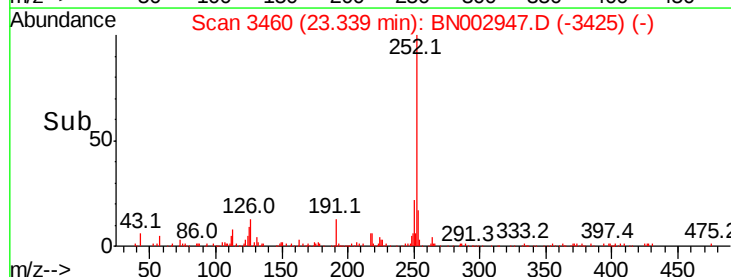
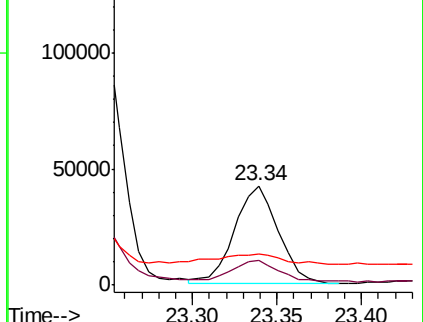
125 31.7 8.8 13.2#

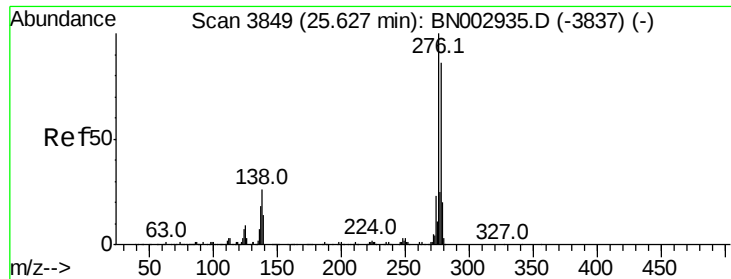


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

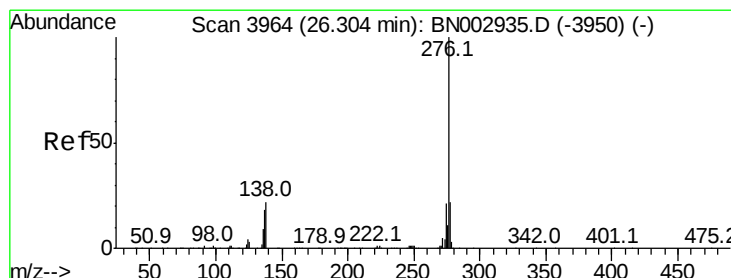
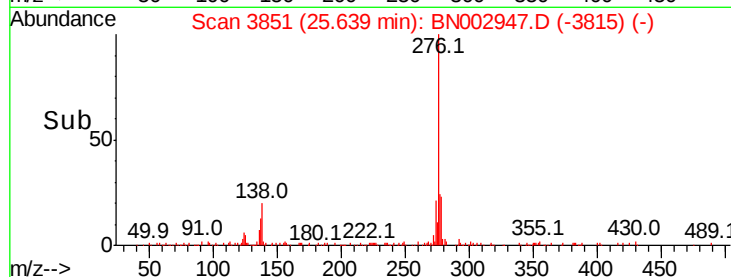
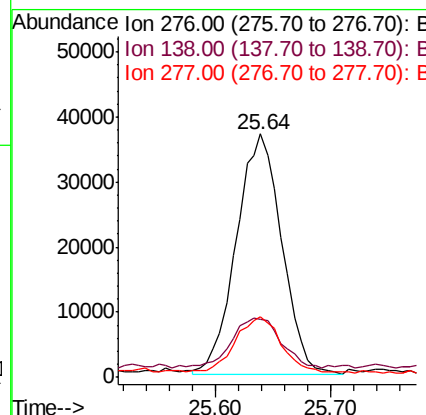
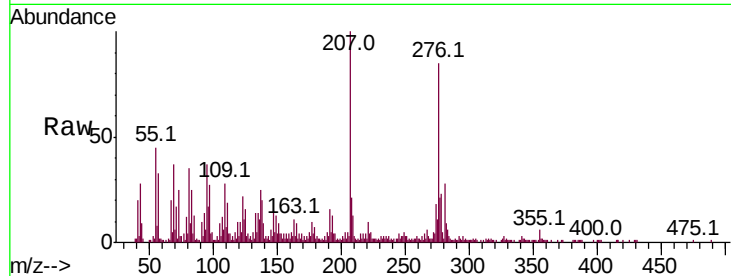




#91
 Indeno(1,2,3-cd)pyrene
 Concen: 2.343 ng/ul
 RT: 25.64 min Scan# 3851
 Delta R.T. 0.01 min
 Lab File: BN002947.D
 Acq: 04 Oct 2018 23:42

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.6	20.2	30.4
277	25.1	20.0	30.0



#93
 Benzo(g,h,i)perylene
 Concen: 3.388 ng/ul
 RT: 26.31 min Scan# 3965
 Delta R.T. 0.01 min
 Lab File: BN002947.D
 Acq: 04 Oct 2018 23:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	18.2	27.2
277	24.0	18.6	28.0

