

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
 Data File : BN002945.D
 Acq On : 04 Oct 2018 22:32
 Operator : MJ/SJ
 Sample : J5183-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 05 02:28:37 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	132656	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	632012	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	387087	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	838073	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	630552	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	571606	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	10108	3.52	ng/uL	0.00
5) Phenol-d5	6.82	99	245315	21.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	159755	22.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	212319	22.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	200684	23.00	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	109656	22.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	128181	23.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	222651	22.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	266644	23.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	739286	24.40	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	940892	23.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	72932	14.56	ng/ul	0.02
57) Fluorene-d10	15.26	176	669547	25.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	66851	12.75	ng/ul	0.00
70) Anthracene-d10	17.12	188	992458	24.80	ng/ul	0.00
78) Pyrene-d10	19.42	212	970331	29.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	747163	24.83	ng/ul	0.00

Target Compounds

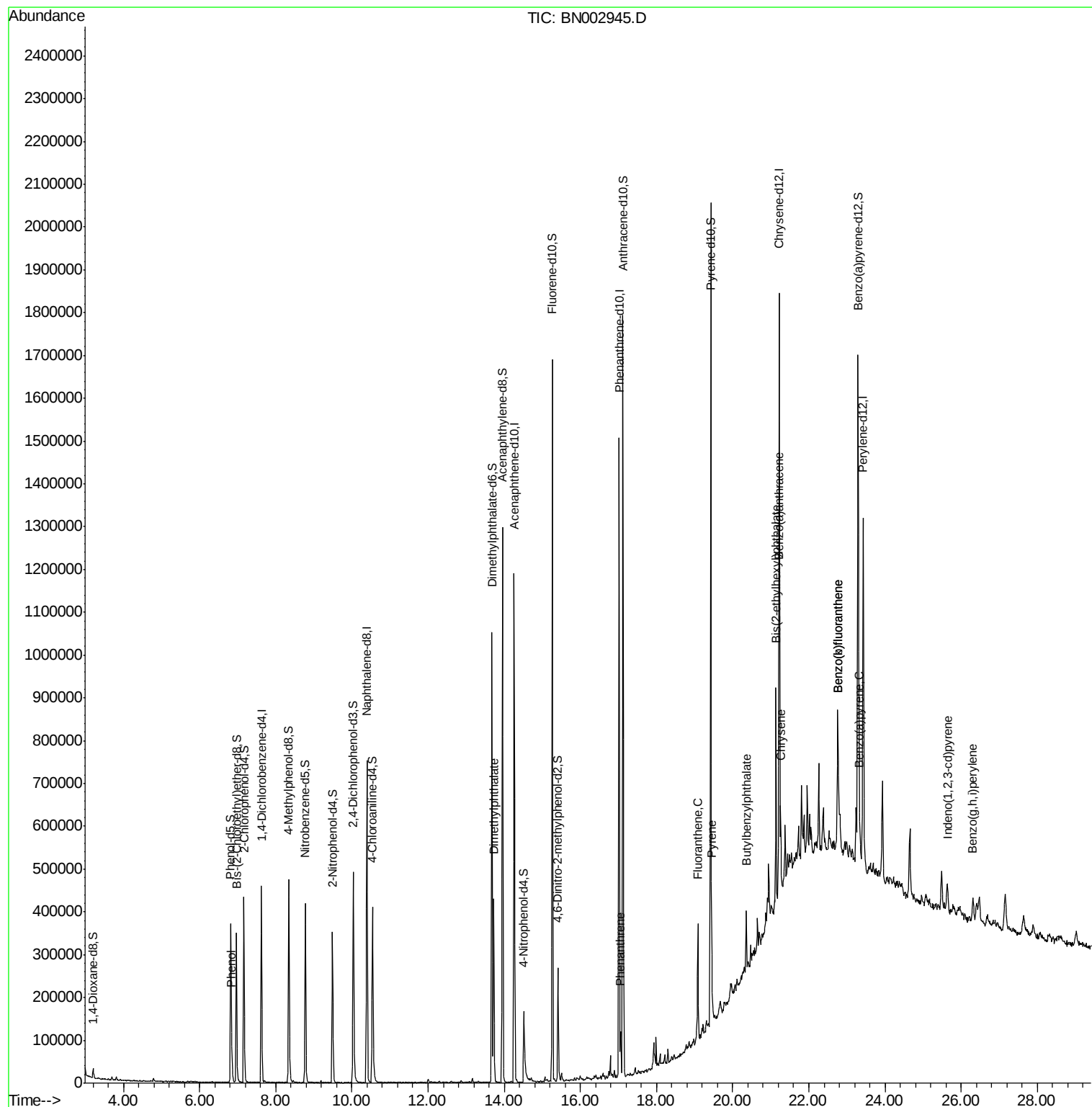
					Ovalue	
6) Phenol	6.85	94	22572	1.987	ng/ul	92
44) Dimethylphthalate	13.73	163	301737	10.203	ng/ul	98
69) Phenanthrene	17.06	178	61258	1.327	ng/ul	100
76) Fluoranthene	19.09	202	161268	3.274	ng/ul	99
79) Pyrene	19.45	202	150558	3.611	ng/ul	96
80) Butylbenzylphthalate	20.36	149	37236	2.146	ng/ul	99
82) Benzo(a)anthracene	21.20	228	63259	1.613	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.14	149	175761	6.979	ng/ul	100
84) Chrysene	21.26	228	116116	3.158	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	145000	4.154	ng/ul#	91
88) Benzo(k)fluoranthene	22.77	252	145000	4.452	ng/ul#	93
90) Benzo(a)pyrene	23.33	252	56625	1.716	ng/ul#	87
91) Indeno(1,2,3-cd)pyrene	25.63	276	56482	1.446	ng/ul	95
93) Benzo(g,h,i)perylene	26.31	276	65613	2.009	ng/ul	97

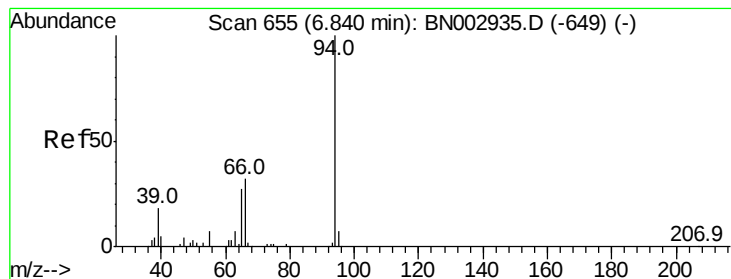
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 1.987 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. 0.01 min

Lab File: BN002945.D

Acq: 04 Oct 2018 22:32

Instrument :

BNA_N

ClientSampleId :

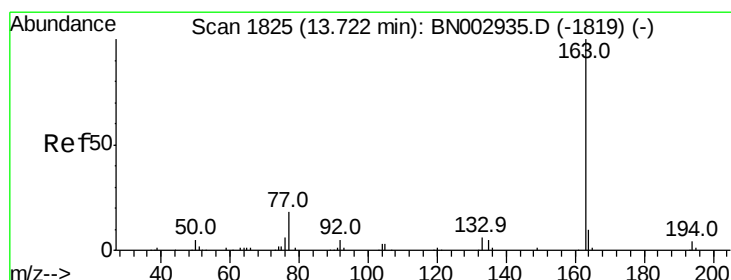
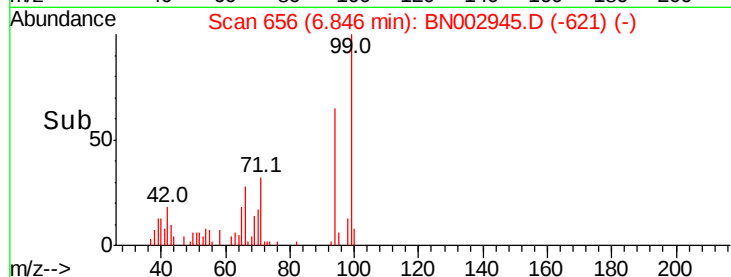
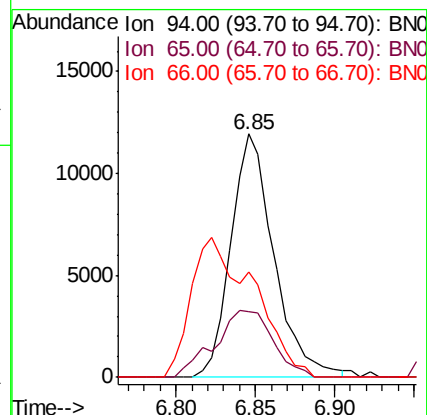
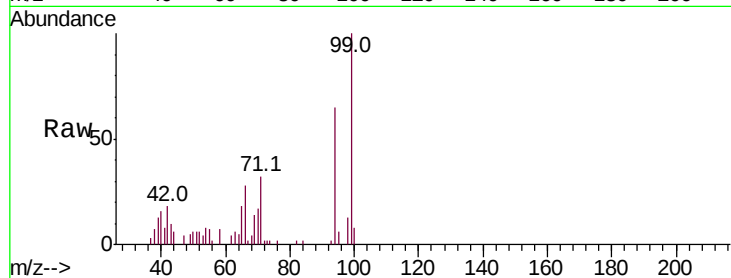
Tot Ion: 94 Resp: 22572

Ion Ratio Lower Upper

94 100

65 26.9 23.1 34.7

66 43.5 29.8 44.6



#44

Dimethylphthalate

Concen: 10.203 ng/ul

RT: 13.73 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BN002945.D

Acq: 04 Oct 2018 22:32

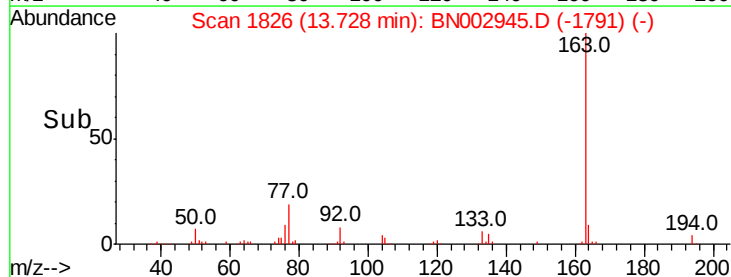
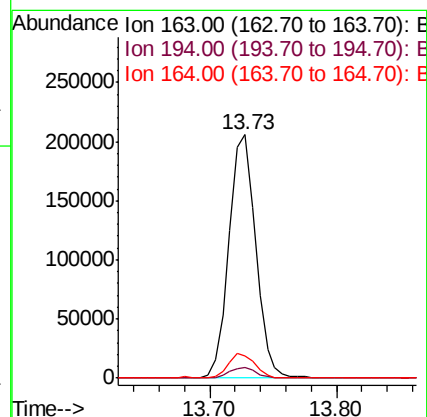
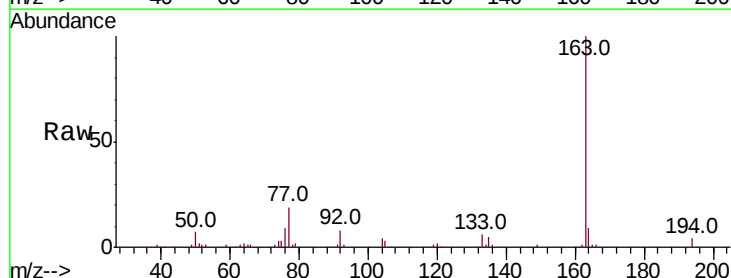
Tgt Ion:163 Resp: 301737

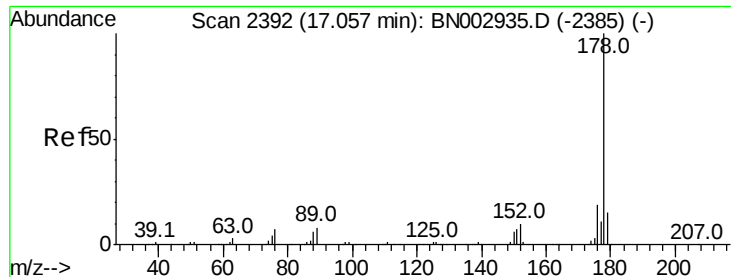
Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 9.0 8.1 12.1





#69

Phenanthrene

Concen: 1.327 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BN002945.D

Acq: 04 Oct 2018 22:32

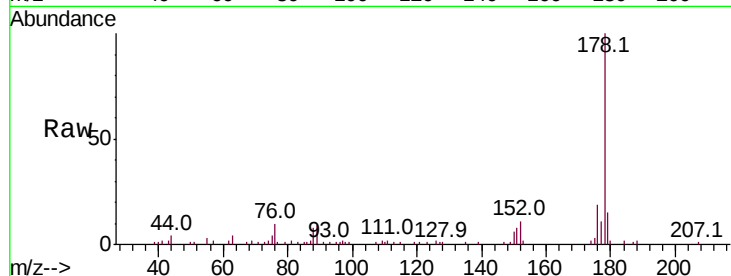
Instrument :

BNA_N

ClientSampled :

Tot Ion:178 Resp: 61258

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	18.9	15.0	22.6

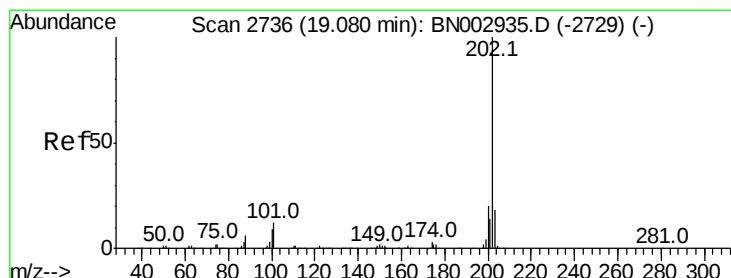
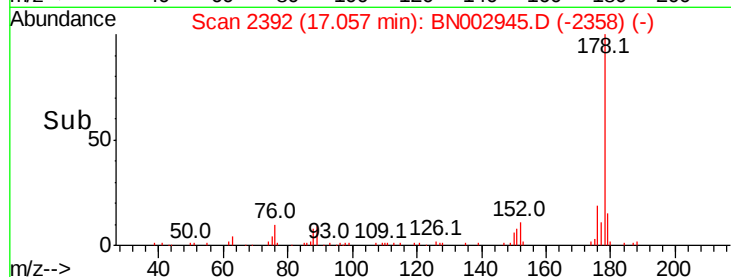
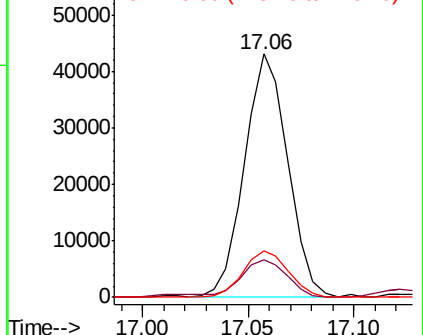


Abundance

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



#76

Fluoranthene

Concen: 3.274 ng/ul

RT: 19.09 min Scan# 2737

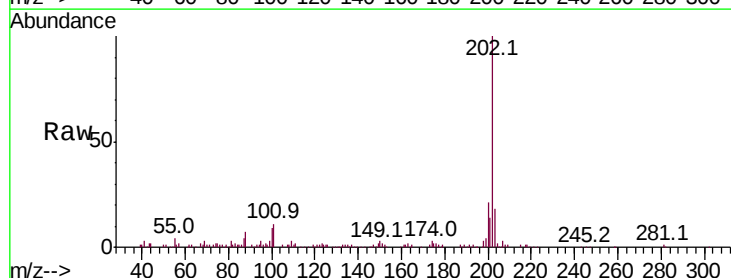
Delta R.T. 0.01 min

Lab File: BN002945.D

Acq: 04 Oct 2018 22:32

Tgt Ion:202 Resp: 161268

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.4	14.2
100	9.0	7.0	10.6

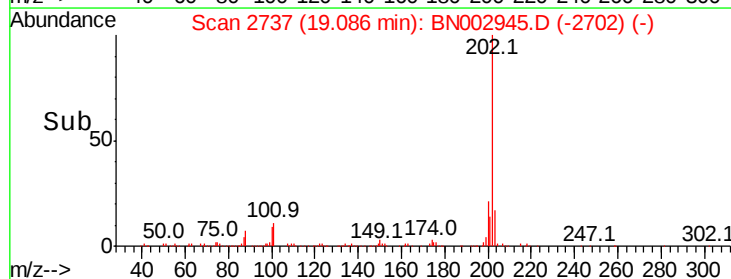
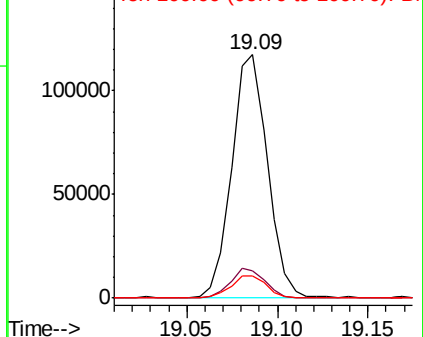


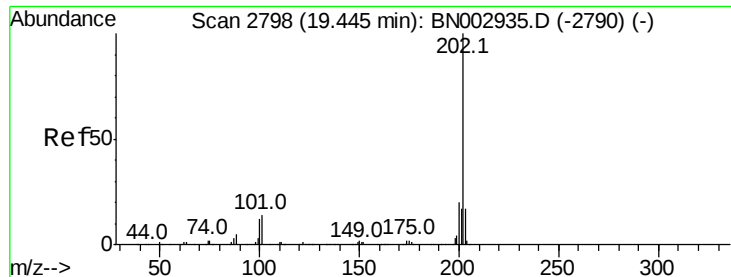
Abundance

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

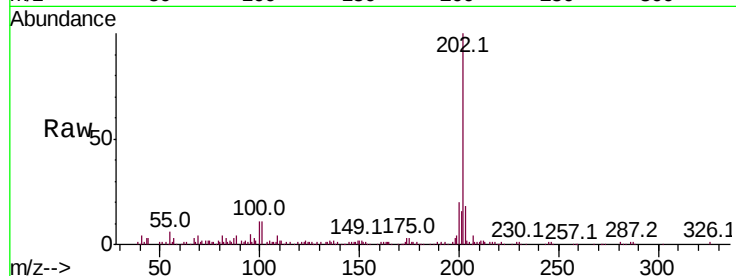




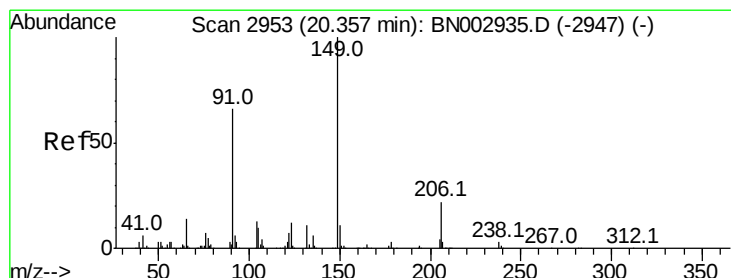
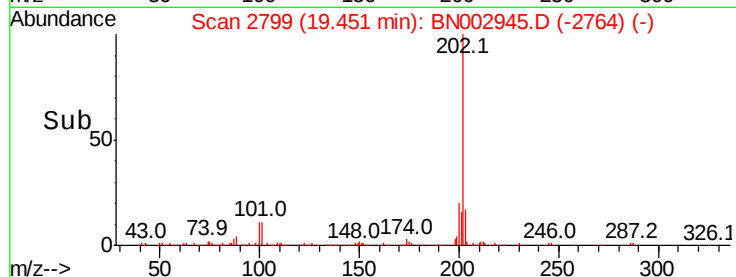
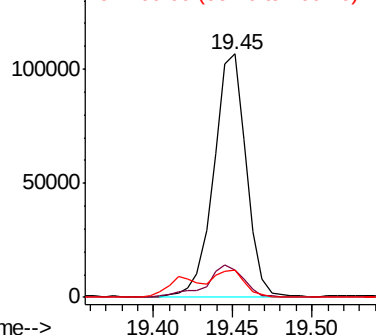
#79
Pvrene
Concen: 3.611 ng/ul
RT: 19.45 min Scan# 2799
Delta R.T. 0.01 min
Lab File: BN002945.D
Acq: 04 Oct 2018 22:32

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	10.8	16.2
100	11.3	8.2	12.2

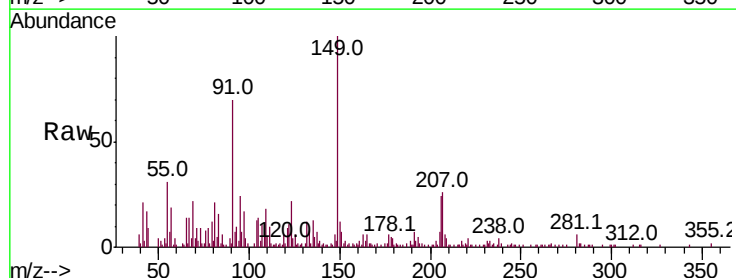


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

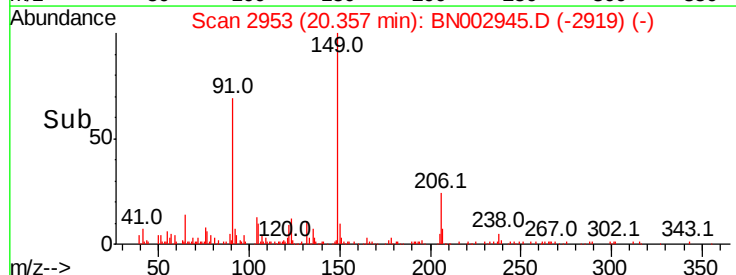
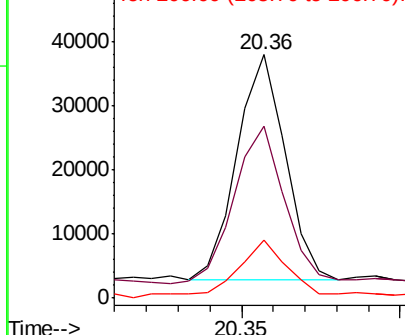


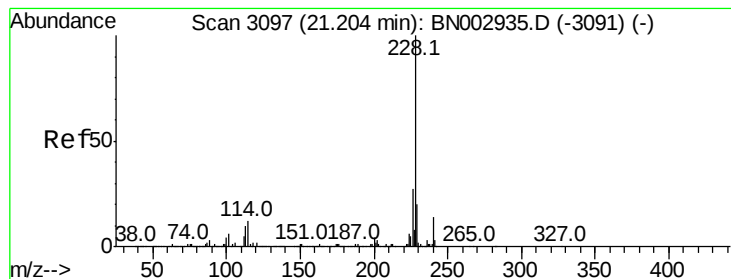
#80
Butylbenzylphthalate
Concen: 2.146 ng/ul
RT: 20.36 min Scan# 2953
Delta R.T. 0.00 min
Lab File: BN002945.D
Acq: 04 Oct 2018 22:32

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.5	56.3	84.5
206	23.6	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: 1.613 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BN002945.D

Acq: 04 Oct 2018 22:32

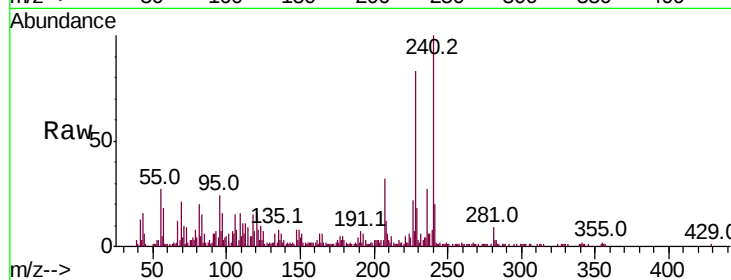
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 63259

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.8	23.6
226	26.0	20.9	31.3

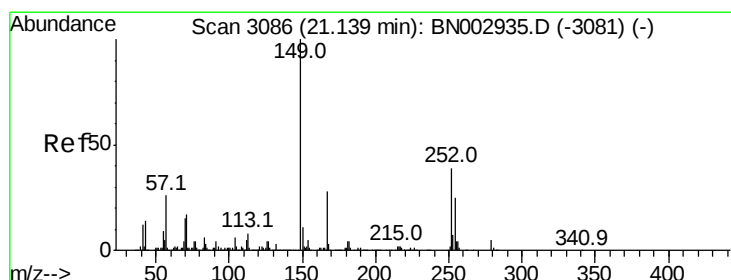
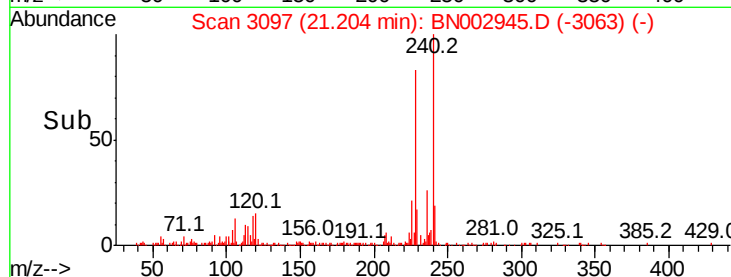
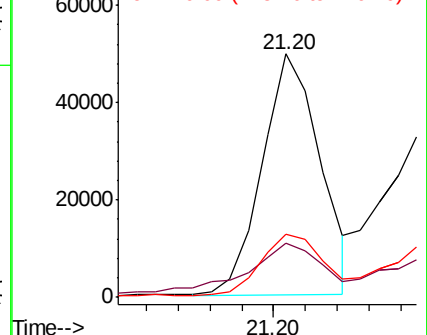


Abundance

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: 6.979 ng/ul

RT: 21.14 min Scan# 3086

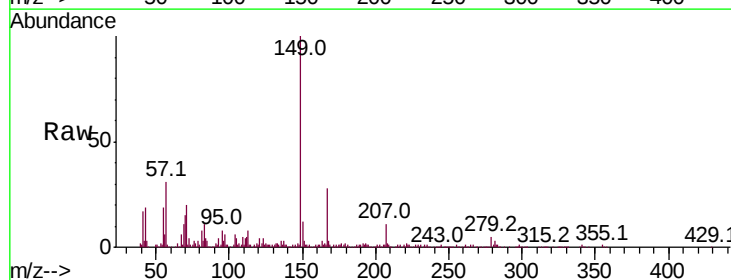
Delta R.T. 0.00 min

Lab File: BN002945.D

Acq: 04 Oct 2018 22:32

Tgt Ion:149 Resp: 175761

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.0	33.0
279	4.7	3.3	4.9

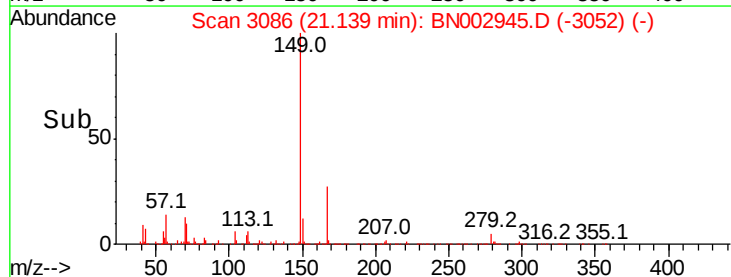
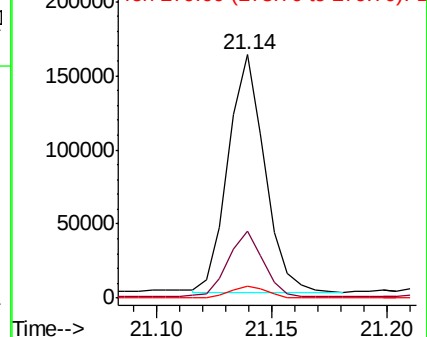


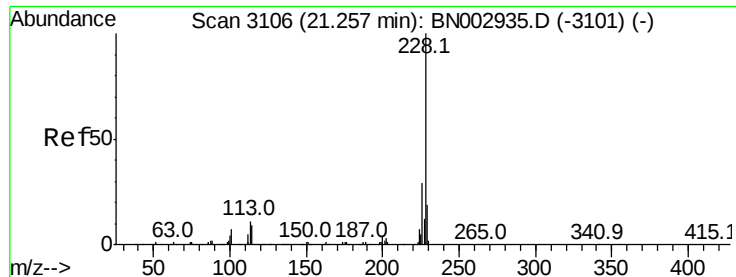
Abundance

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: 3.158 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BN002945.D

Acq: 04 Oct 2018 22:32

Instrument :

BNA_N

ClientSampleId :

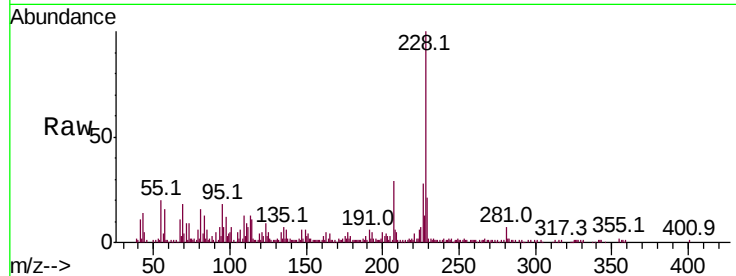
Tot Ion:228 Resp: 116116

Ion Ratio Lower Upper

228 100

226 28.1 23.4 35.0

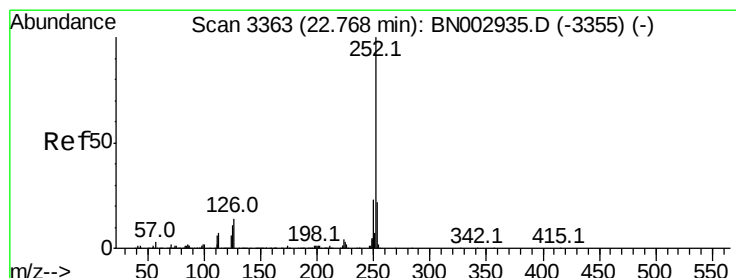
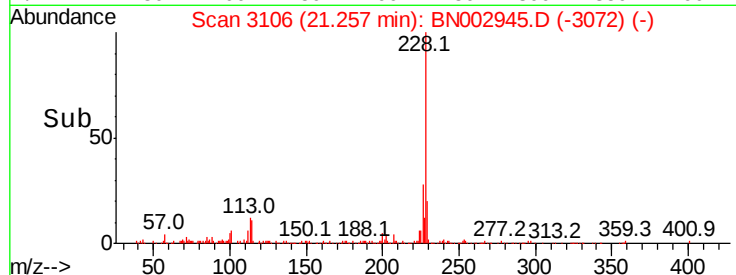
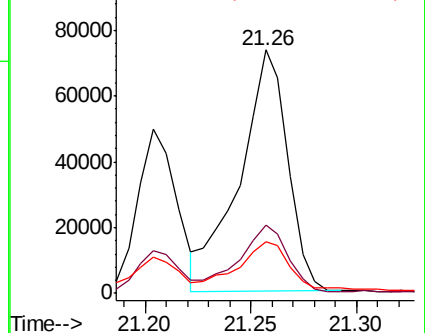
229 21.0 15.7 23.5



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: 4.154 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BN002945.D

Acq: 04 Oct 2018 22:32

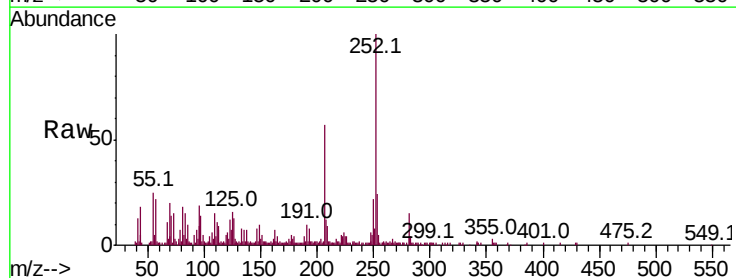
Tgt Ion:252 Resp: 145000

Ion Ratio Lower Upper

252 100

253 23.5 17.0 25.4

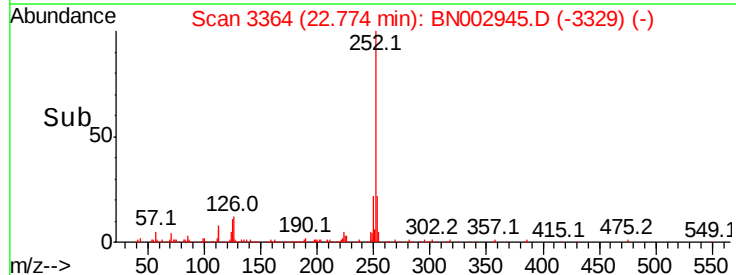
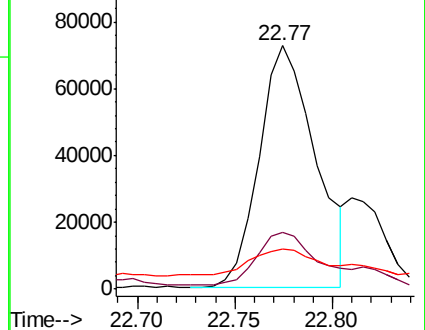
125 16.3 8.0 12.0#

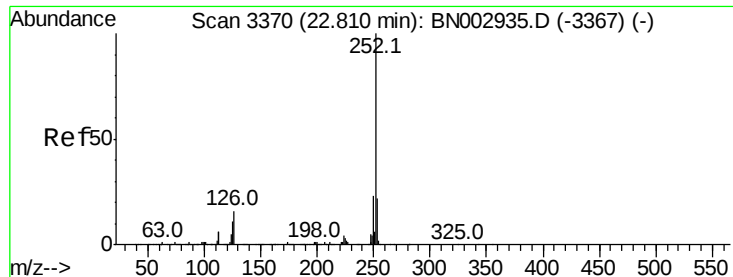


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 4.452 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. -0.04 min

Lab File: BN002945.D

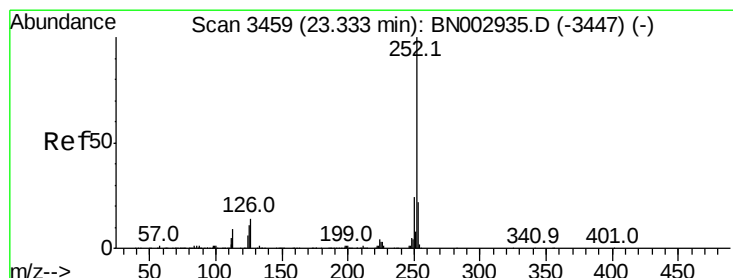
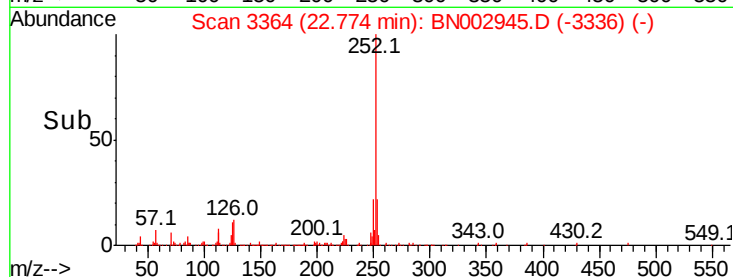
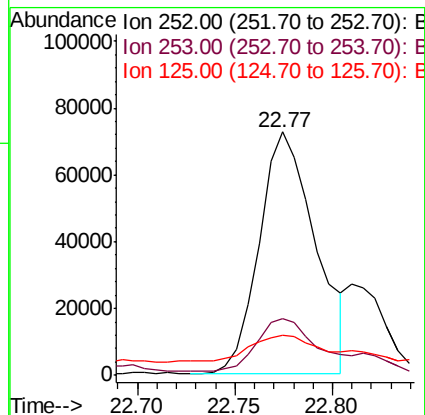
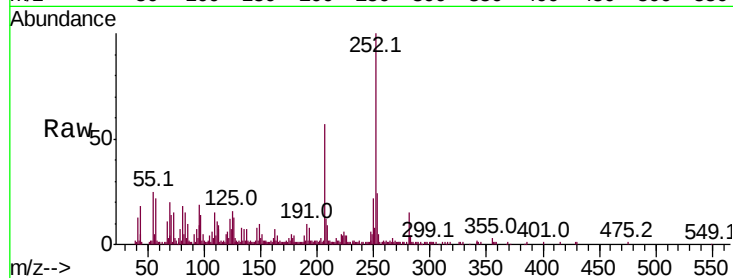
Acq: 04 Oct 2018 22:32

Instrument :

BNA_N

ClientSampleId :

Tot Ion:252	Resp:	145000
Ion Ratio	Lower	Upper
252	100	
253	23.5	17.8 26.8
125	16.3	8.3 12.5#



#90

Benzo(a)pyrene

Concen: 1.716 ng/ul

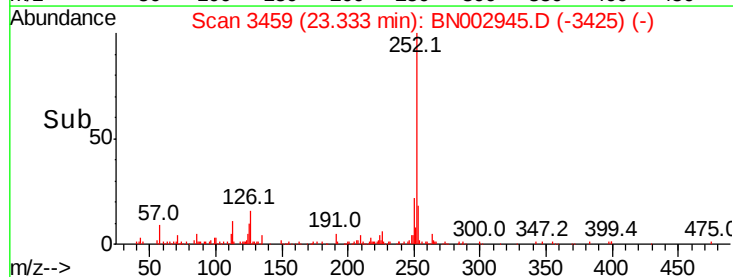
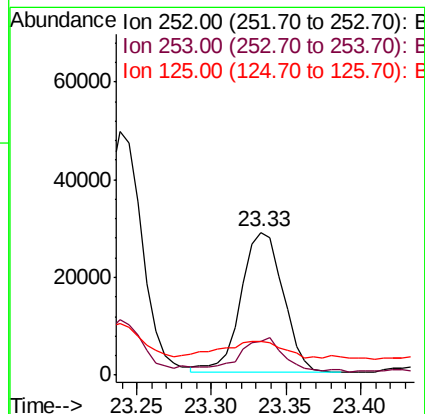
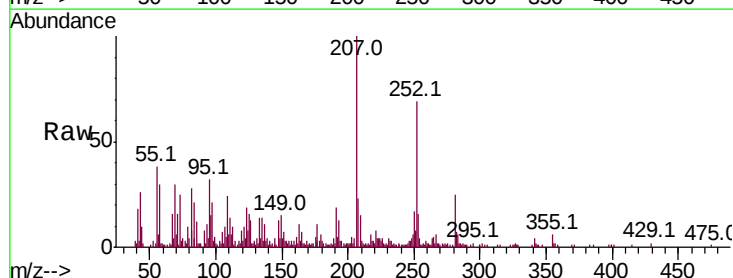
RT: 23.33 min Scan# 3459

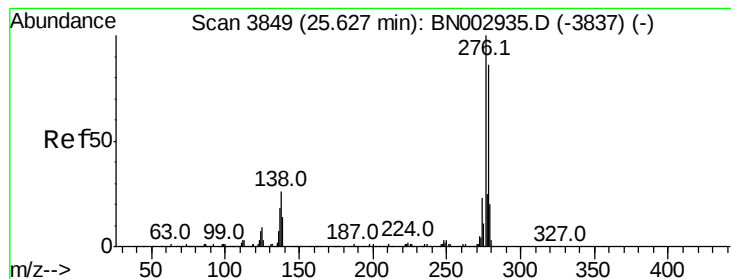
Delta R.T. 0.00 min

Lab File: BN002945.D

Acq: 04 Oct 2018 22:32

Tgt Ion:252	Resp:	56625
Ion Ratio	Lower	Upper
252	100	
253	23.3	17.6 26.4
125	23.8	8.8 13.2#



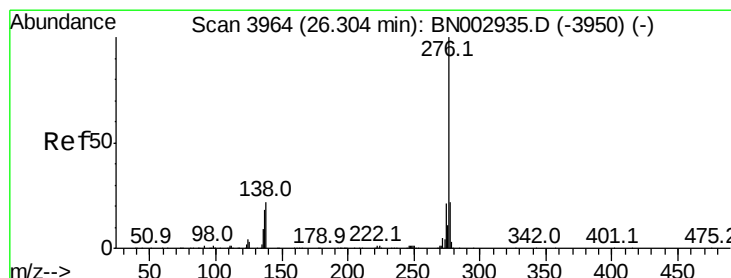
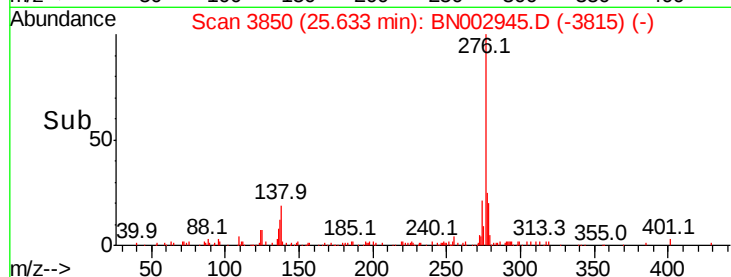
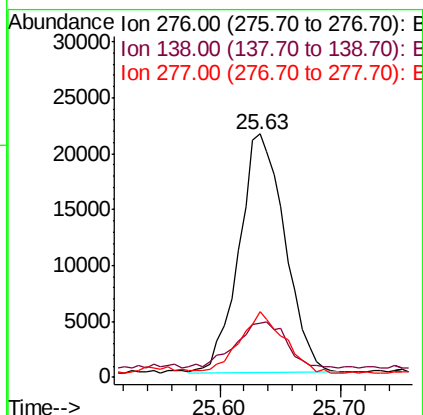
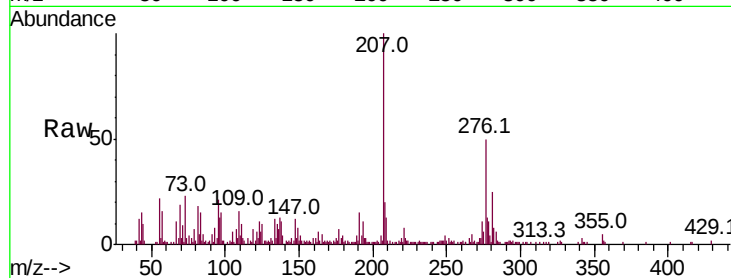


#91

Indeno(1,2,3-cd)pyrene
Concen: 1.446 ng/ul
RT: 25.63 min Scan# 3850
Delta R.T. 0.01 min
Lab File: BN002945.D
Acq: 04 Oct 2018 22:32

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	20.2	30.4
277	26.9	20.0	30.0



#93

Benzo(g,h,i)perylene
Concen: 2.009 ng/ul
RT: 26.31 min Scan# 3965
Delta R.T. 0.01 min
Lab File: BN002945.D
Acq: 04 Oct 2018 22:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	18.2	27.2
277	22.9	18.6	28.0

