

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032718\
 Data File : BN000647.D
 Acq On : 27 Mar 2018 15:20
 Operator : JU/SJ
 Sample : J2060-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 28 01:37:37 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 28 01:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	149174	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	658768	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.02	164	383492	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	828931	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	785740	20.00	ng/ul	0.00
83) Perylene-d12	24.35	264	697181	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	24289	5.82	ng/uL	0.00
5) Phenol-d5	7.55	99	409293	29.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	274853	34.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	282305	26.83	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	355352	32.78	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	170003	31.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	138087	24.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	245058	24.67	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	460475	45.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	1043422	34.44	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	1296992	32.45	ng/ul	0.00
51) 4-Nitrophenol-d4	15.23	143	28514	5.07	ng/ul	0.00
57) Fluorene-d10	16.01	176	858016	33.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	16693	3.52	ng/ul	0.00
70) Anthracene-d10	17.85	188	1291312	32.41	ng/ul	0.00
76) Pyrene-d10	20.11	212	1366150	31.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.20	264	1104988	33.58	ng/ul	0.00

Target Compounds

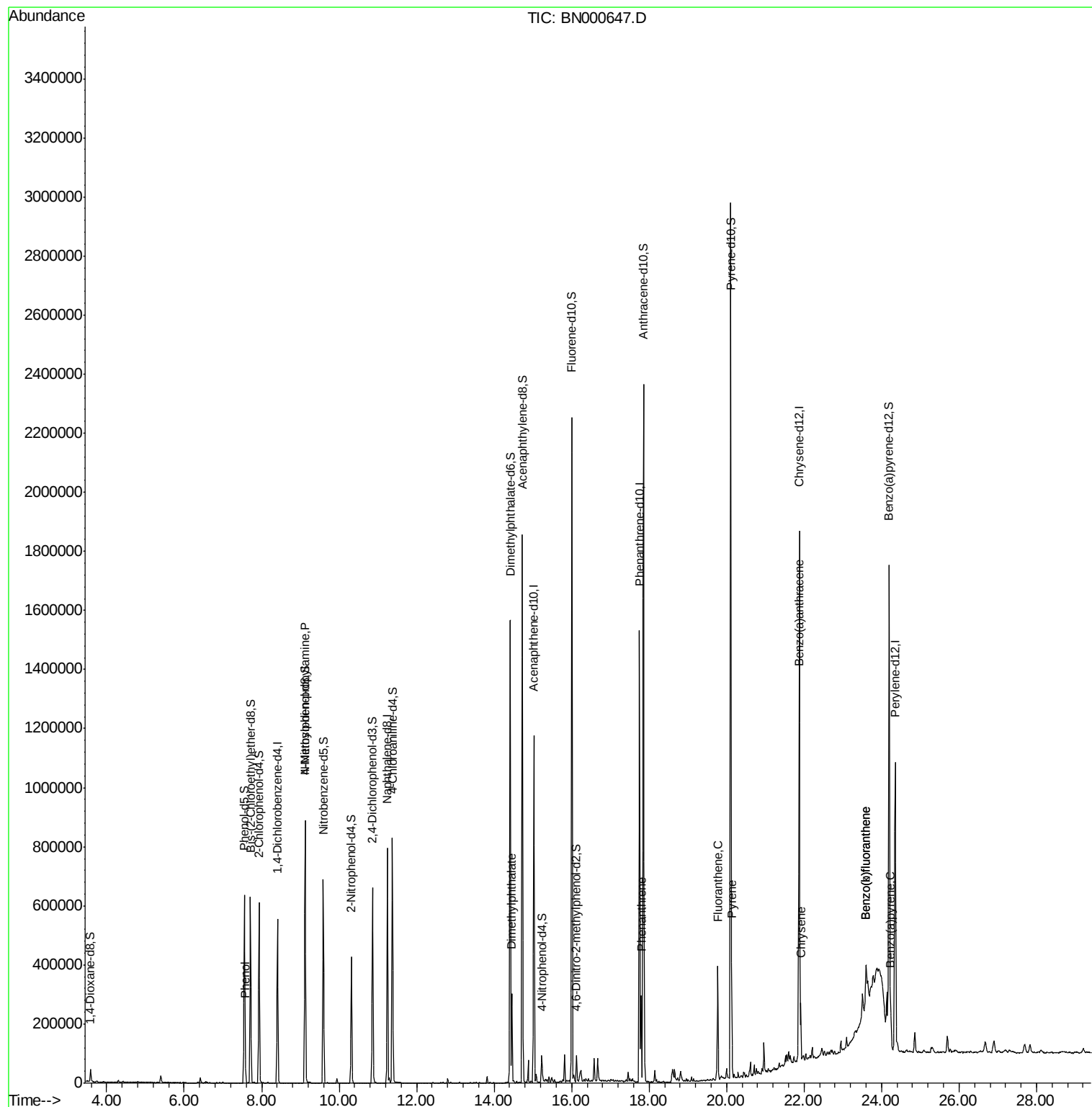
				Ovalue	
6) Phenol	7.58	94	24808	1.747	ng/ul 98
15) N-Nitroso-di-n-propylamine	9.12	70	8764	1.040	ng/ul# 1
44) Dimethylphthalate	14.46	163	168845	5.634	ng/ul 98
69) Phenanthrene	17.80	178	167857	3.515	ng/ul 100
74) Fluoranthene	19.78	202	226395	4.771	ng/ul# 84
77) Pyrene	20.14	202	185722	3.236	ng/ul# 80
80) Benzo(a)anthracene	21.86	228	109733	2.096	ng/ul 99
82) Chrysene	21.91	228	95291	1.942	ng/ul 98
85) Benzo(b)fluoranthene	23.60	252	121270	2.753	ng/ul# 93
86) Benzo(k)fluoranthene	23.60	252	121270	2.851	ng/ul# 93
88) Benzo(a)pyrene	24.24	252	78222	1.887	ng/ul# 93

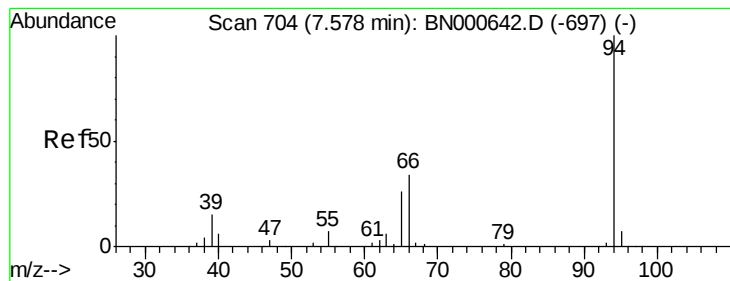
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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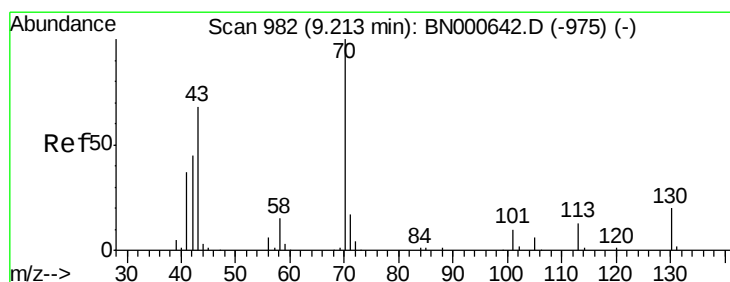
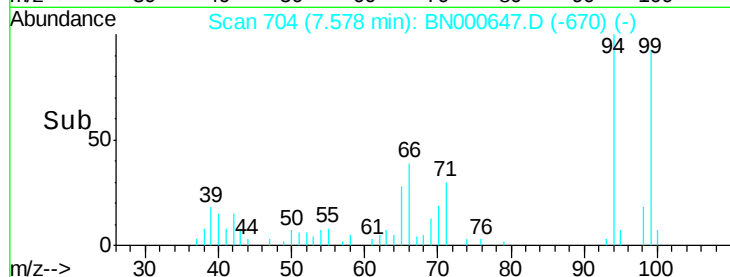
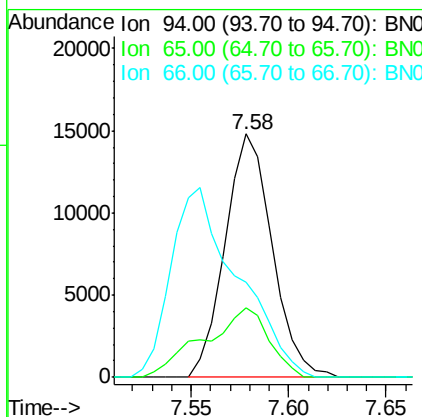
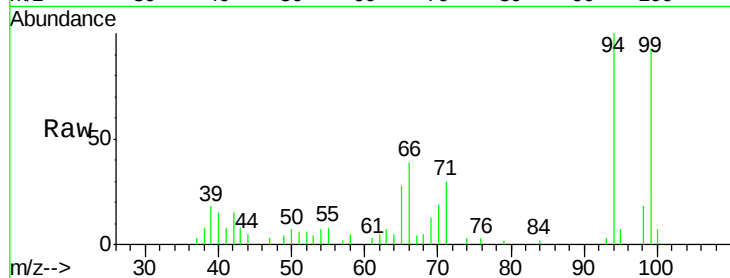
#6

Phenol

Concen: 1.747 ng/ul
 RT: 7.58 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BN000647.D
 Acq: 27 Mar 2018 15:20

Instrument :
 BNA_N
 ClientSampled :

Tot Ion: 94 Resp: 24808
 Ion Ratio Lower Upper
 94 100
 65 28.4 23.0 34.6
 66 39.3 30.4 45.6

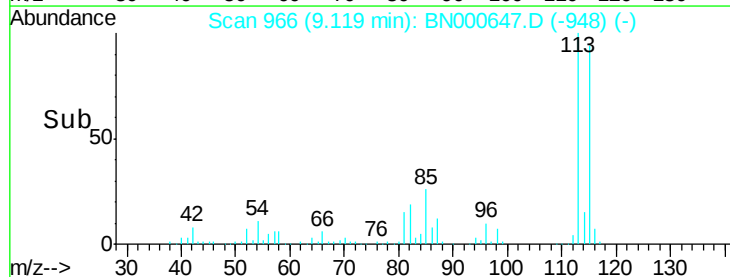
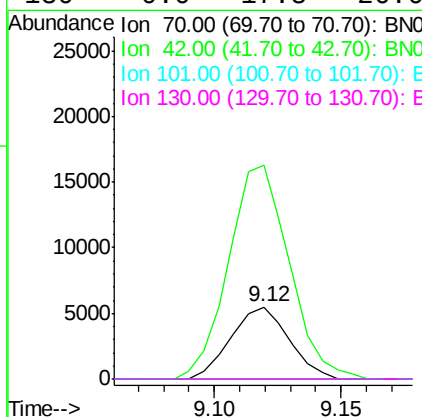
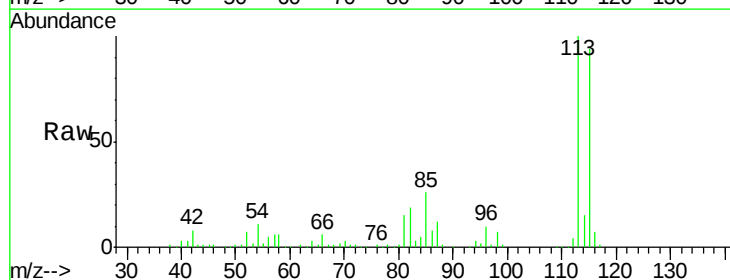


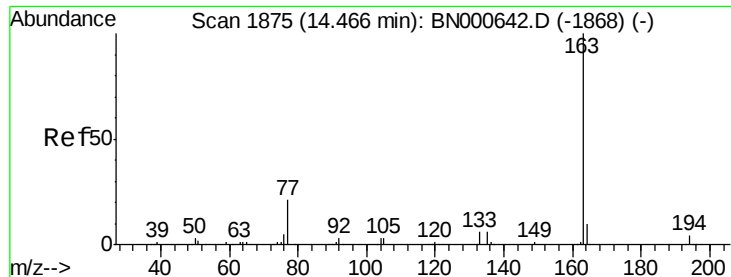
#15

N-Nitroso-di-n-propylamine

Concen: 1.040 ng/ul
 RT: 9.12 min Scan# 966
 Delta R.T. -0.09 min
 Lab File: BN000647.D
 Acq: 27 Mar 2018 15:20

Tgt Ion: 70 Resp: 8764
 Ion Ratio Lower Upper
 70 100
 42 297.7 40.2 60.4#
 101 0.0 7.7 11.5#
 130 0.0 17.8 26.6#

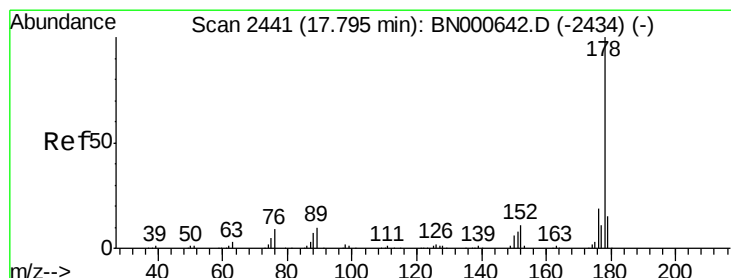
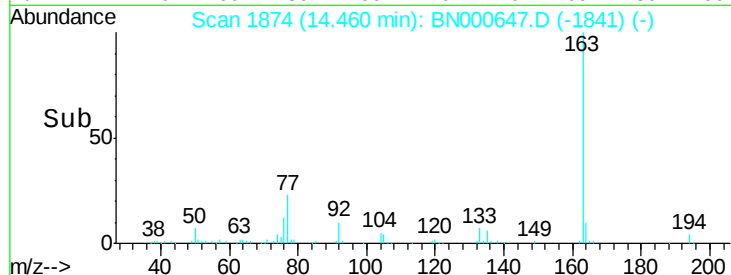
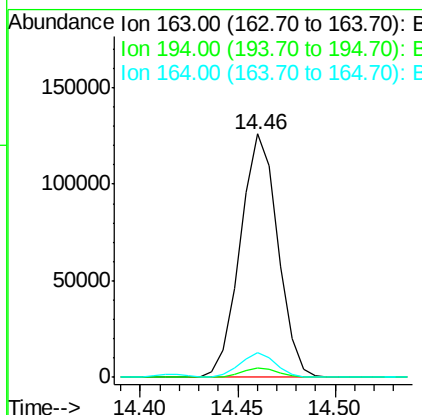
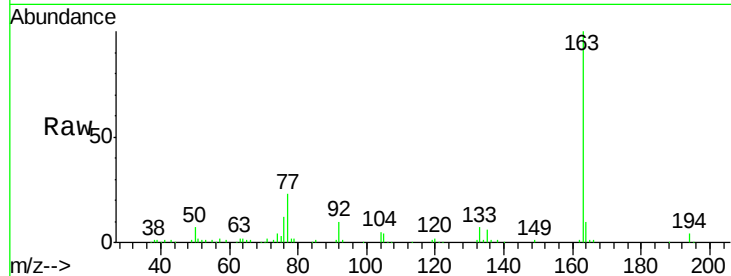




#44
Dimethylphthalate
Concen: 5.634 ng/ul
RT: 14.46 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BN000647.D
Acq: 27 Mar 2018 15:20

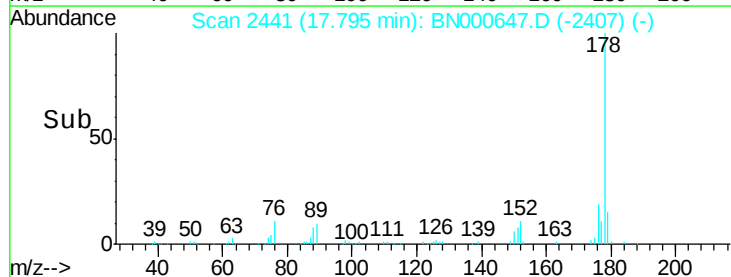
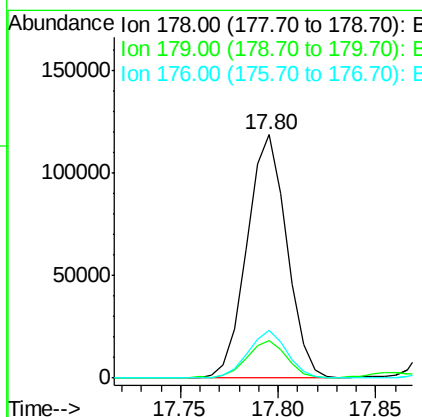
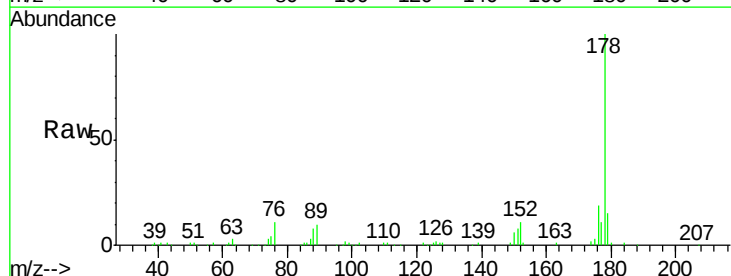
Instrument :
BNA_N
ClientSampleId :

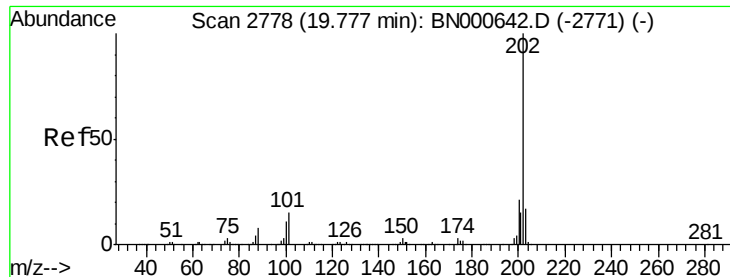
Tot Ion:163 Resp: 168845
Ion Ratio Lower Upper
163 100
194 4.1 4.0 6.0
164 10.1 8.4 12.6



#69
Phenanthrene
Concen: 3.515 ng/ul
RT: 17.80 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BN000647.D
Acq: 27 Mar 2018 15:20

Tgt Ion:178 Resp: 167857
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.4 15.4 23.0

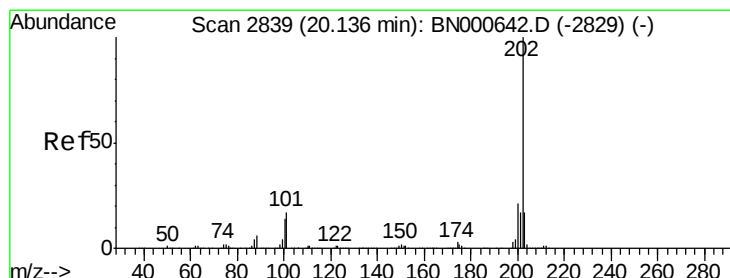
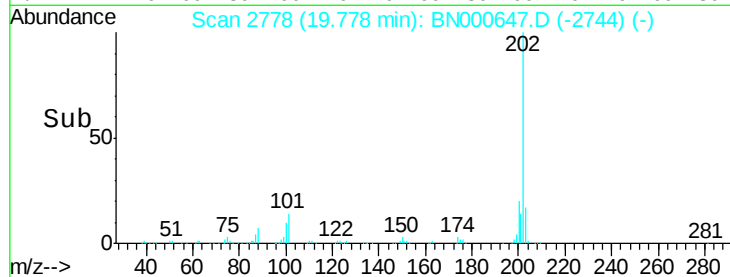
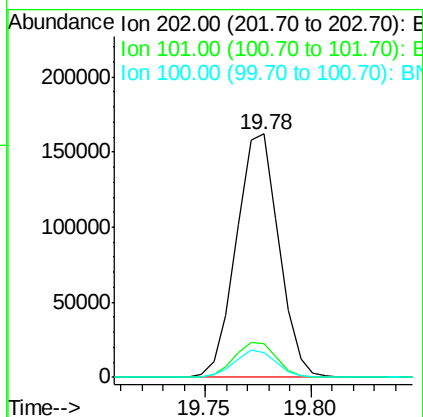
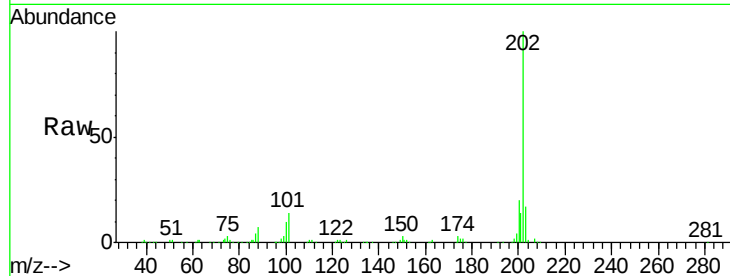




#74
 Fluoranthene
 Concen: 4.771 ng/ul
 RT: 19.78 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: BN000647.D
 Acq: 27 Mar 2018 15:20

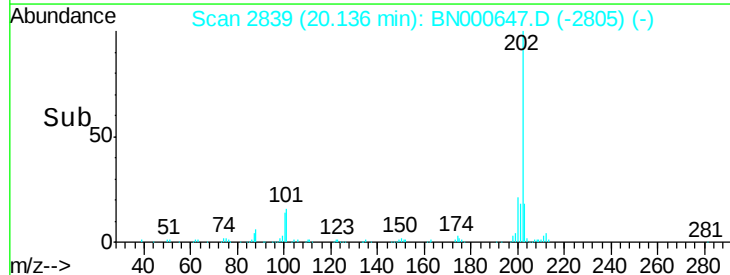
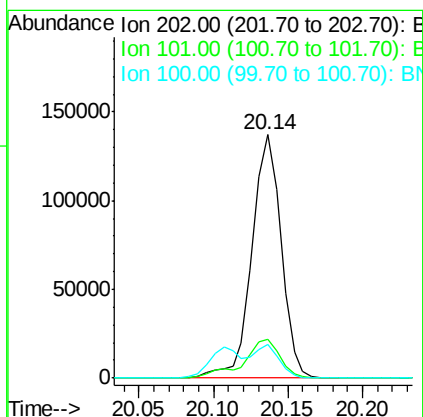
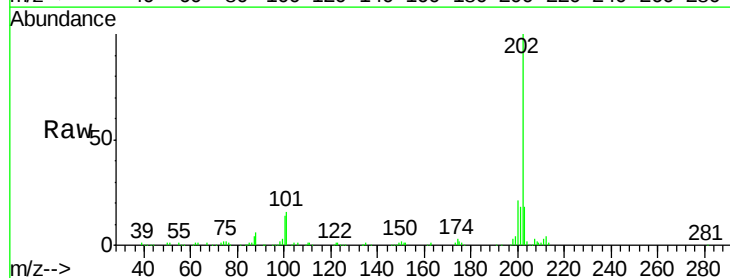
Instrument :
 BNA_N
 ClientSampleId :

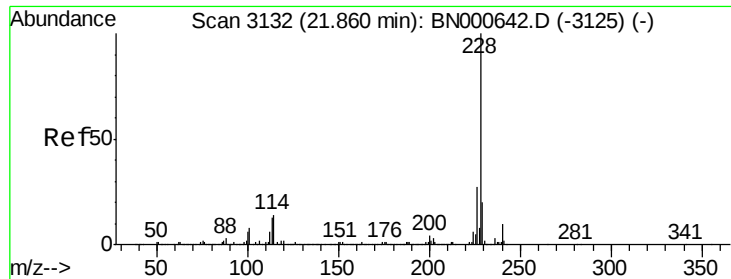
Tot Ion:202 Resp: 226395
 Ion Ratio Lower Upper
 202 100
 101 13.7 6.1 9.1#
 100 10.4 4.6 7.0#



#77
 Pyrene
 Concen: 3.236 ng/ul
 RT: 20.14 min Scan# 2839
 Delta R.T. 0.00 min
 Lab File: BN000647.D
 Acq: 27 Mar 2018 15:20

Tgt Ion:202 Resp: 185722
 Ion Ratio Lower Upper
 202 100
 101 16.0 6.9 10.3#
 100 13.9 5.6 8.4#





#80

Benzo(a)anthracene

Concen: 2.096 ng/ul

RT: 21.86 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BN000647.D

Acq: 27 Mar 2018 15:20

Instrument :

BNA_N

ClientSampleId :

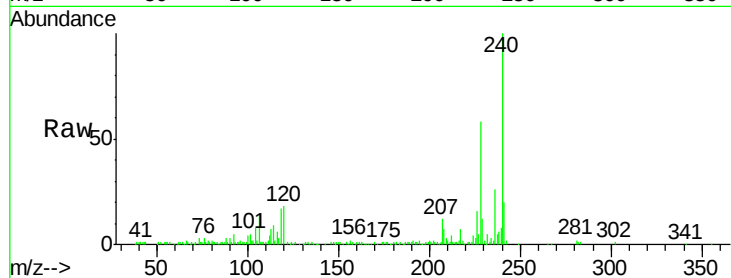
Tot Ion:228 Resp: 109733

Ion Ratio Lower Upper

228 100

229 20.0 16.0 24.0

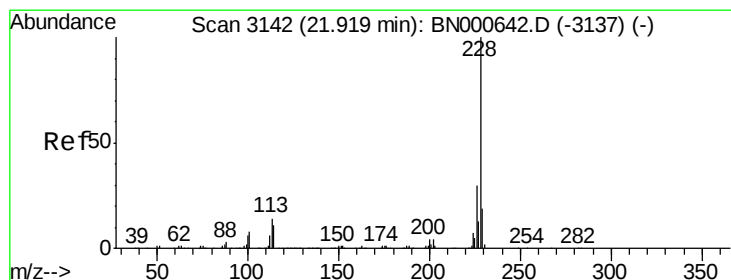
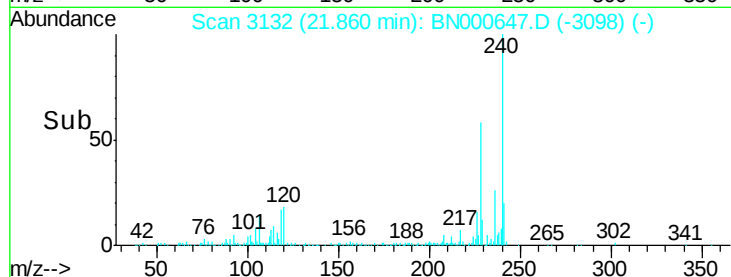
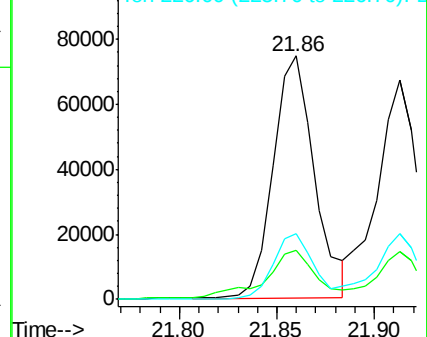
226 26.8 21.8 32.8



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



#82

Chrysene

Concen: 1.942 ng/ul

RT: 21.91 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BN000647.D

Acq: 27 Mar 2018 15:20

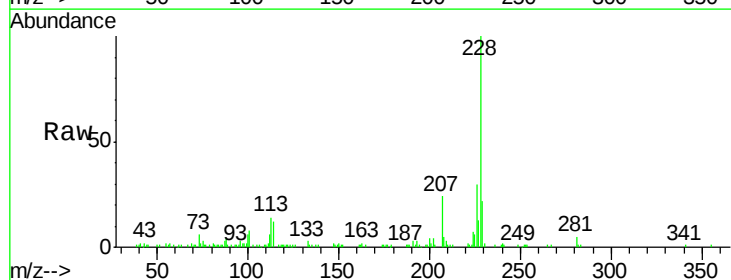
Tgt Ion:228 Resp: 95291

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

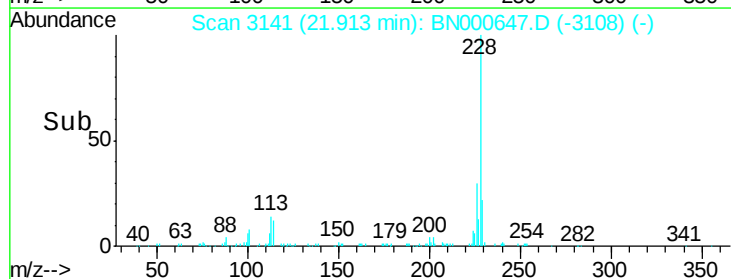
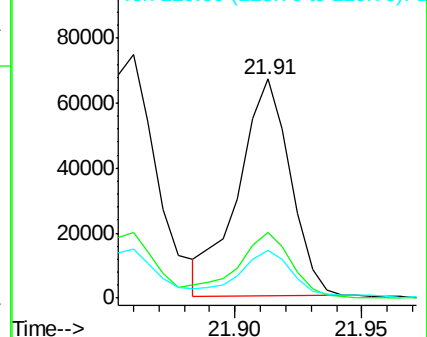
229 21.8 16.0 24.0

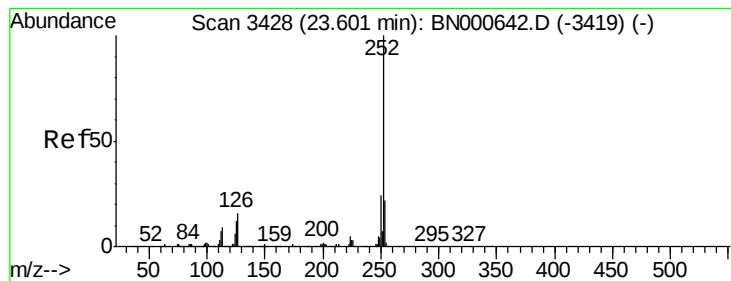


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 2.753 ng/ul

RT: 23.60 min Scan# 3427

Delta R.T. -0.01 min

Lab File: BN000647.D

Acq: 27 Mar 2018 15:20

Instrument :

BNA_N

ClientSampleId :

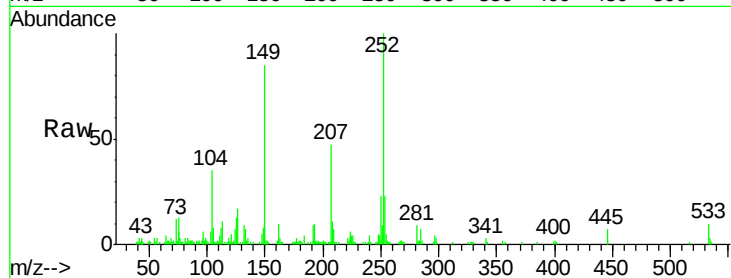
Tot Ion:252 Resp: 121270

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

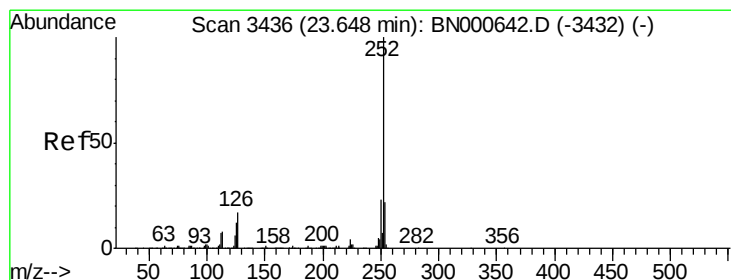
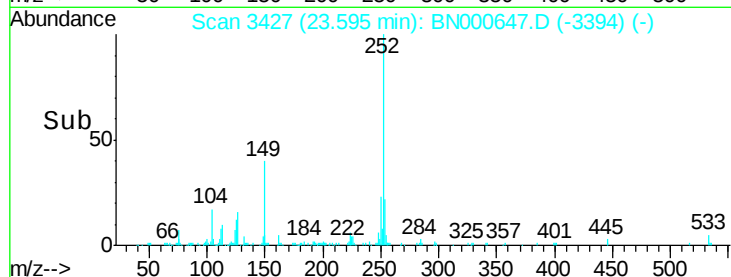
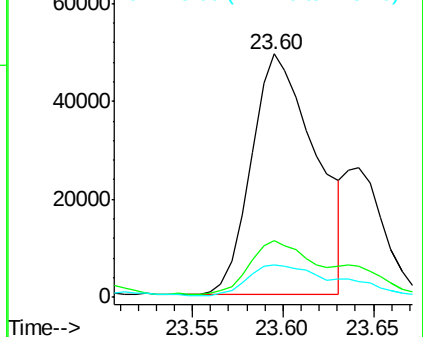
125 13.4 4.9 7.3#



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



#86

Benzo(k)fluoranthene

Concen: 2.851 ng/ul

RT: 23.60 min Scan# 3427

Delta R.T. -0.05 min

Lab File: BN000647.D

Acq: 27 Mar 2018 15:20

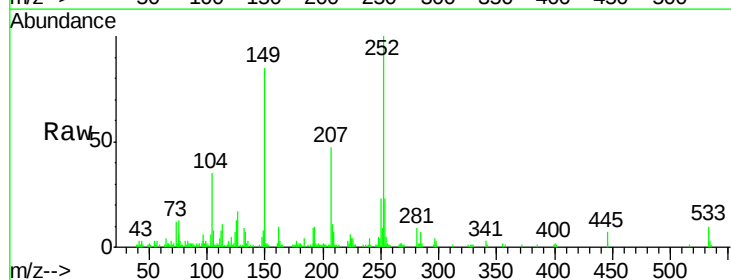
Tgt Ion:252 Resp: 121270

Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

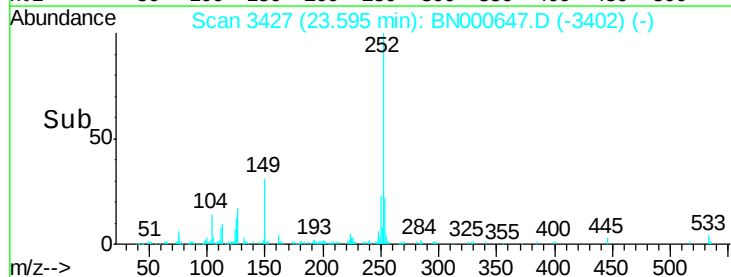
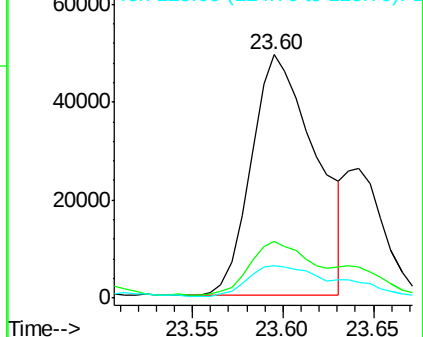
125 13.4 5.4 8.0#

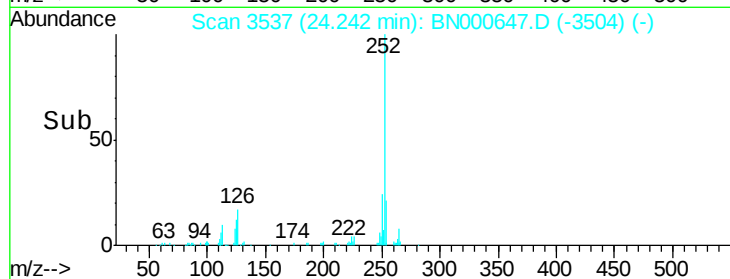
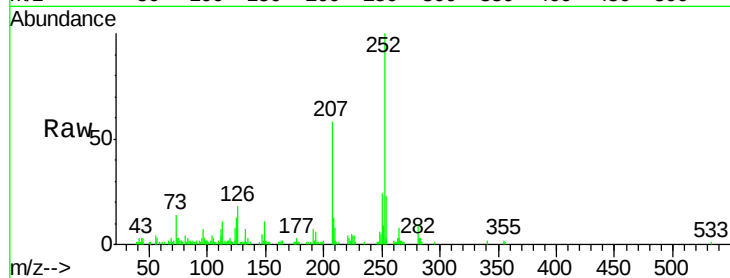
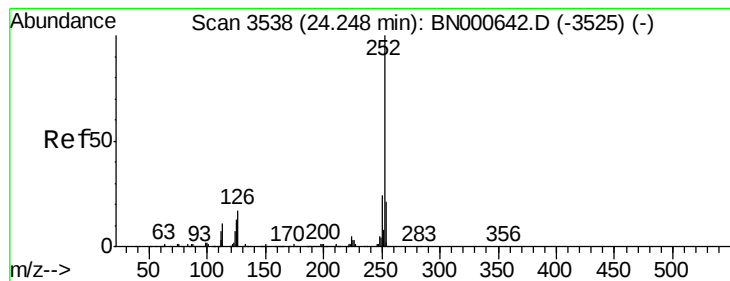


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.887 ng/ul

RT: 24.24 min Scan# 3537

Delta R.T. -0.01 min

Lab File: BN000647.D

Acq: 27 Mar 2018 15:20

Instrument :

BNA_N

ClientSampleId :

Tot Ion:252 Resp: 78222

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

125 13.3 5.8 8.6#

