

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070318\
 Data File : BN001946.D
 Acq On : 03 Jul 2018 16:41
 Operator : JU/SJ
 Sample : J3721-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 04 01:03:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 04 00:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	585055	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2691914	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1653974	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3756386	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	3669593	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	3212047	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	58433	4.34	ng/uL	0.00
5) Phenol-d5	6.88	99	1279141	24.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	833454	25.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1046116	24.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	1052317	24.81	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	540165	27.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	609363	29.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1092206	24.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1439291	31.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	3572240	25.58	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	4390117	25.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	477486	18.56	ng/ul	0.00
57) Fluorene-d10	15.33	176	3094558	25.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	418346	20.45	ng/ul	0.00
70) Anthracene-d10	17.18	188	4690375	25.84	ng/ul	0.00
76) Pyrene-d10	19.48	212	5245906	28.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	4716249	27.00	ng/ul	0.00

Target Compounds

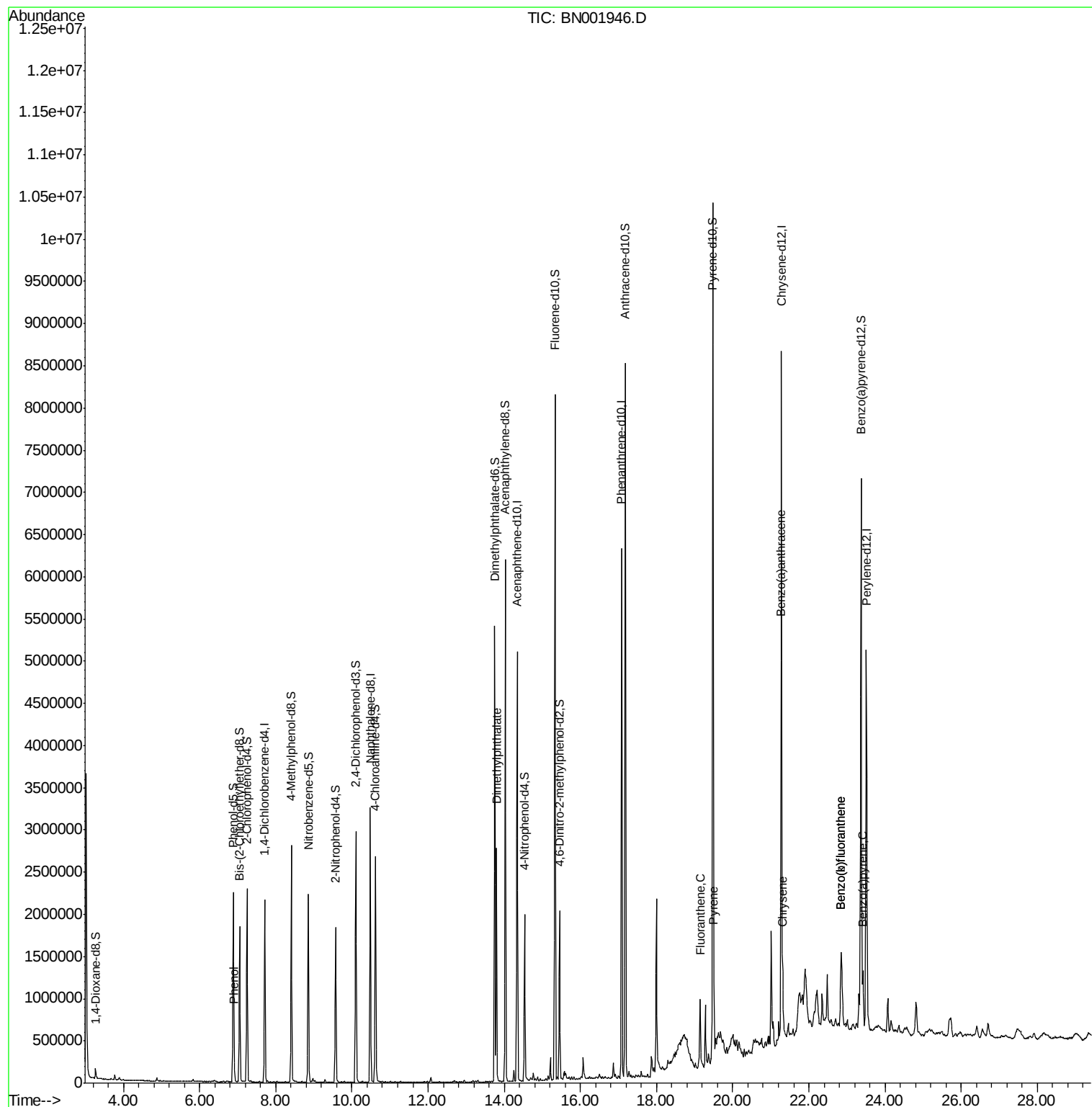
					Ovalue	
6) Phenol	6.91	94	78318	1.467	ng/ul	98
44) Dimethylphthalate	13.80	163	1698623	12.374	ng/ul	99
74) Fluoranthene	19.15	202	431971	1.942	ng/ul#	90
77) Pyrene	19.51	202	489663	2.132	ng/ul#	88
80) Benzo(a)anthracene	21.26	228	311851	1.345	ng/ul	97
82) Chrysene	21.32	228	417106	1.933	ng/ul	99
85) Benzo(b)fluoranthene	22.84	252	684813	3.376	ng/ul#	94
86) Benzo(k)fluoranthene	22.84	252	684813	3.481	ng/ul#	94
88) Benzo(a)pyrene	23.41	252	335377	1.769	ng/ul#	95

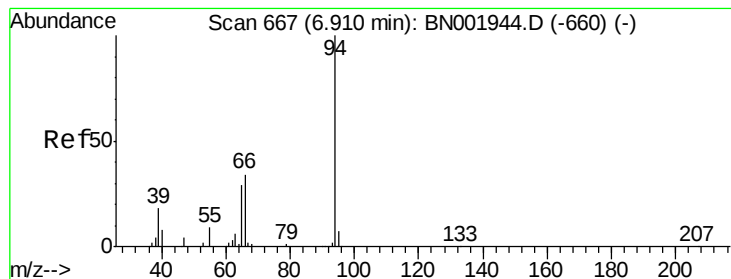
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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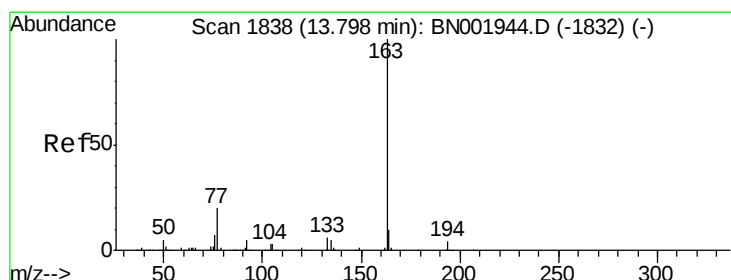
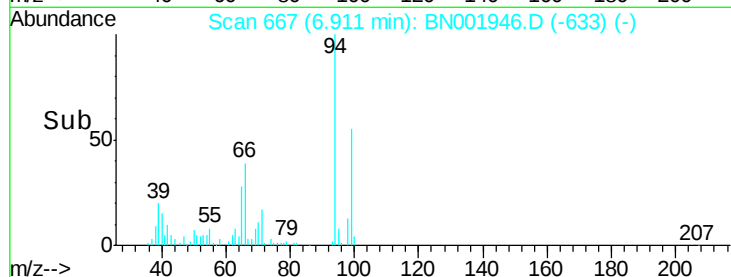
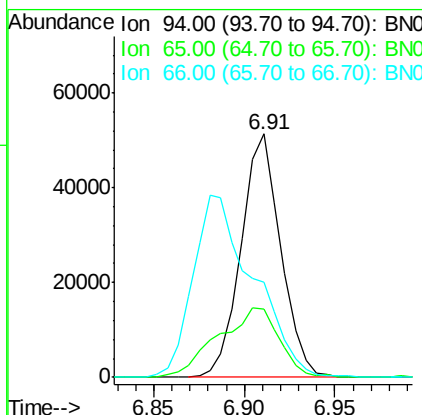
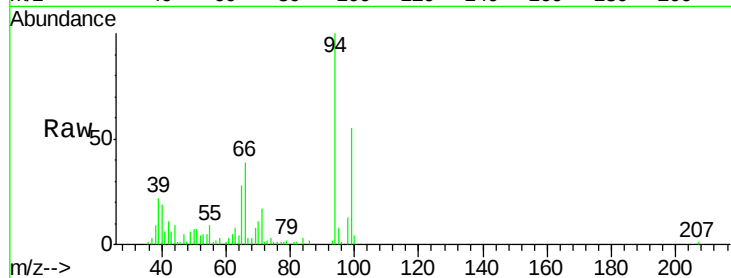
#6

Phenol

Concen: 1.467 ng/ul
 RT: 6.91 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BN001946.D
 Acq: 03 Jul 2018 16:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 94 Resp: 78318
 Ion Ratio Lower Upper
 94 100
 65 27.8 23.0 34.6
 66 39.0 30.4 45.6

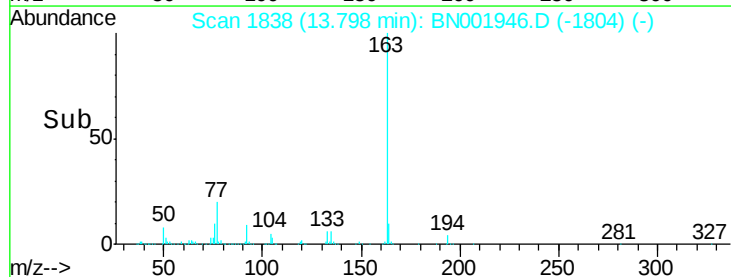
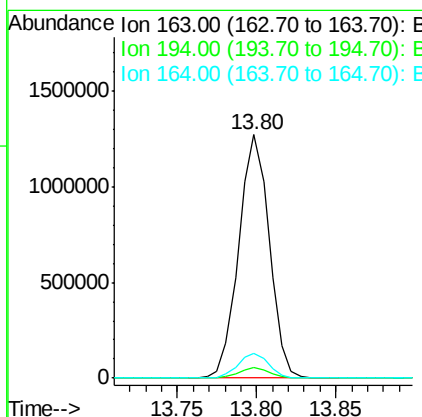
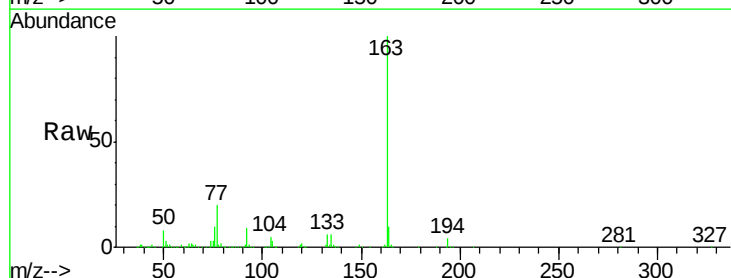


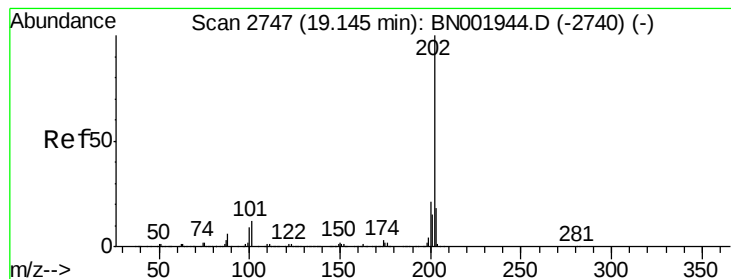
#44

Dimethylphthalate

Concen: 12.374 ng/ul
 RT: 13.80 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BN001946.D
 Acq: 03 Jul 2018 16:41

Tgt Ion:163 Resp: 1698623
 Ion Ratio Lower Upper
 163 100
 194 4.3 4.0 6.0
 164 10.2 8.4 12.6





#74

Fluoranthene

Concen: 1.942 ng/ul

RT: 19.15 min Scan# 2747

Delta R.T. 0.00 min

Lab File: BN001946.D

Acq: 03 Jul 2018 16:41

Instrument :

BNA_N

ClientSampleId :

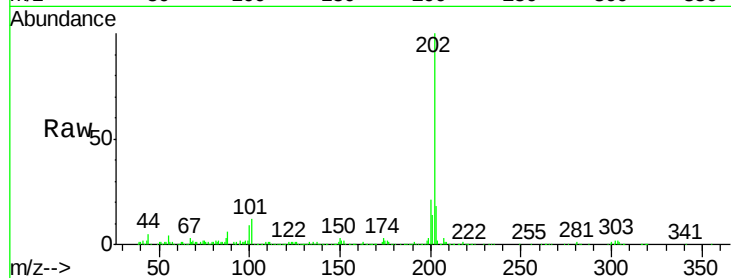
Tot Ion:202 Resp: 431971

Ion Ratio Lower Upper

202 100

101 11.9 6.1 9.1#

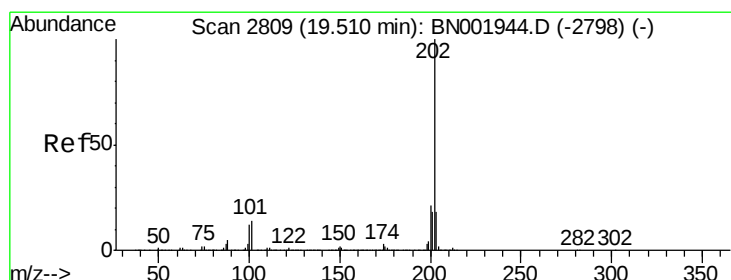
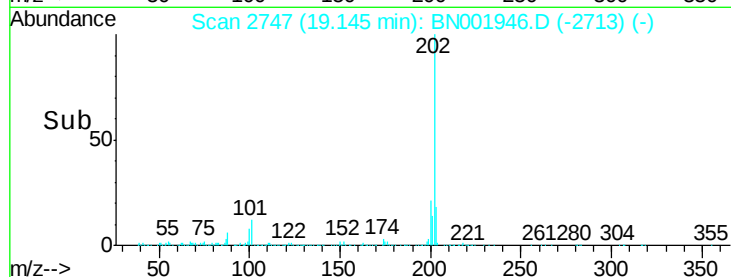
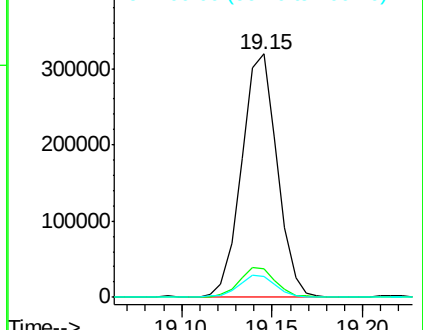
100 8.5 4.6 7.0#



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



#77

Pyrene

Concen: 2.132 ng/ul

RT: 19.51 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BN001946.D

Acq: 03 Jul 2018 16:41

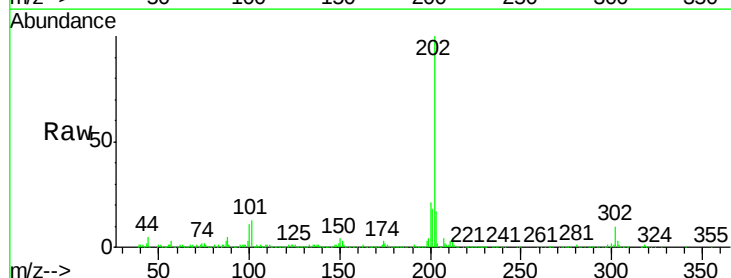
Tgt Ion:202 Resp: 489663

Ion Ratio Lower Upper

202 100

101 12.8 6.9 10.3#

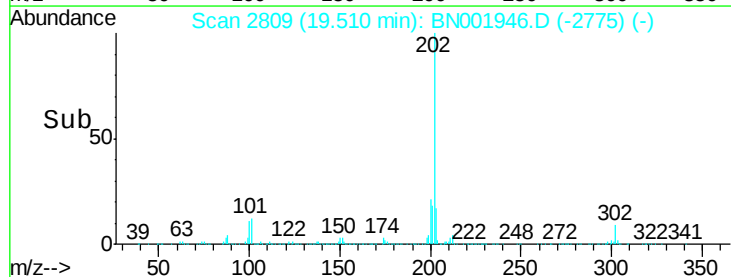
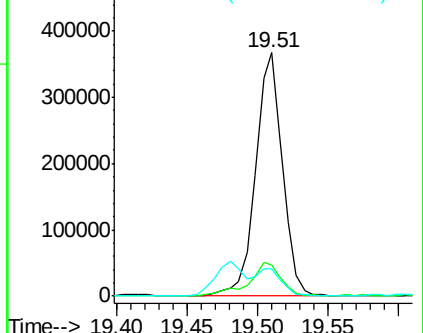
100 11.1 5.6 8.4#

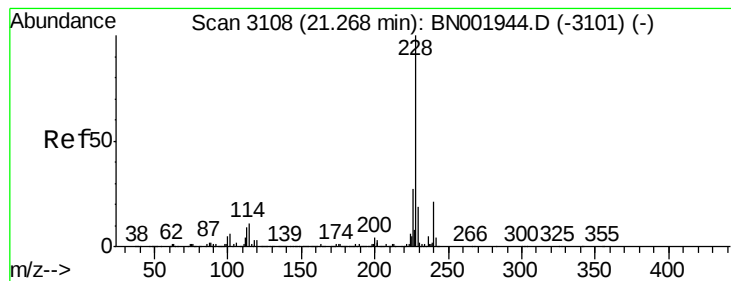


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.345 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BN001946.D

Acq: 03 Jul 2018 16:41

Instrument :

BNA_N

ClientSampleId :

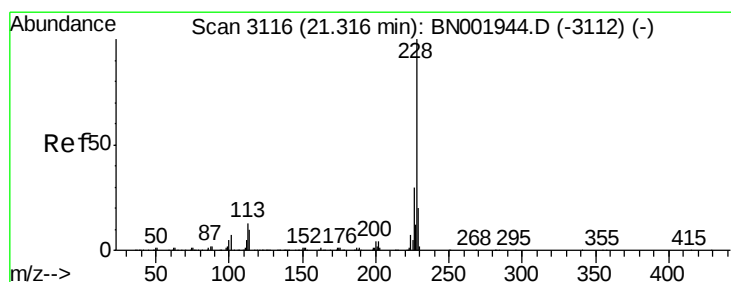
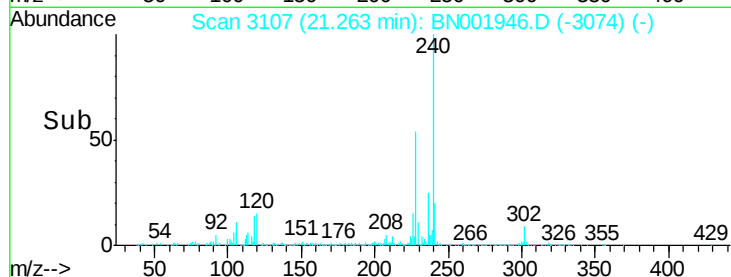
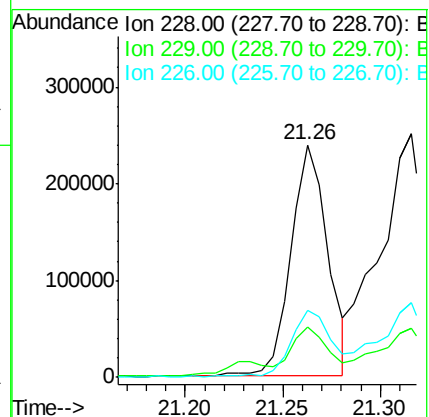
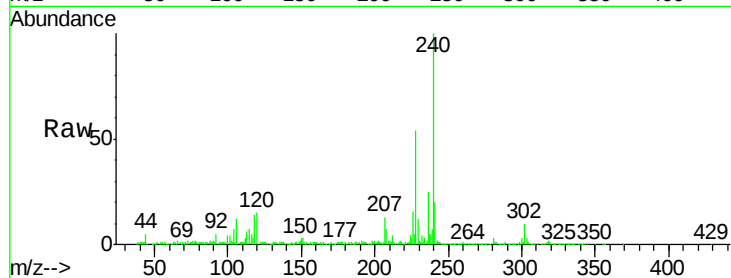
Tot Ion:228 Resp: 311851

Ion Ratio Lower Upper

228 100

229 21.6 16.0 24.0

226 28.8 21.8 32.8



#82

Chrysene

Concen: 1.933 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. 0.00 min

Lab File: BN001946.D

Acq: 03 Jul 2018 16:41

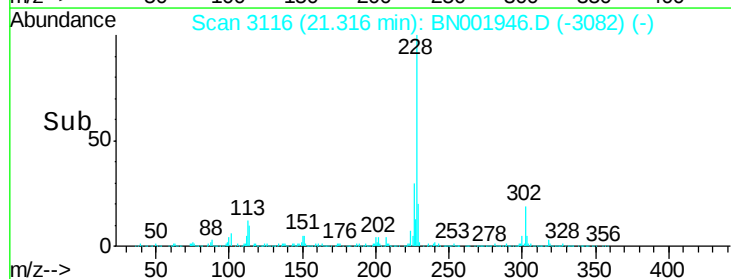
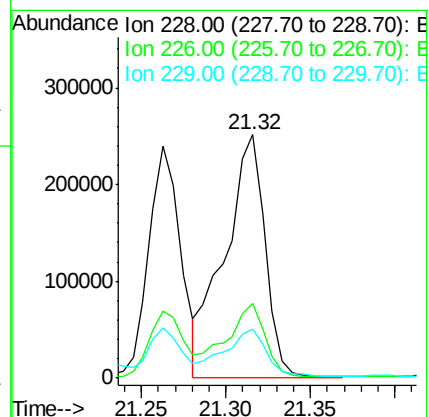
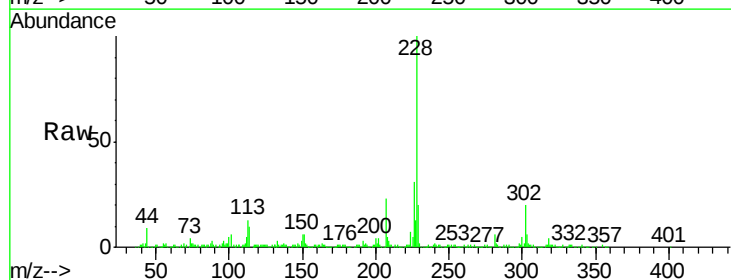
Tgt Ion:228 Resp: 417106

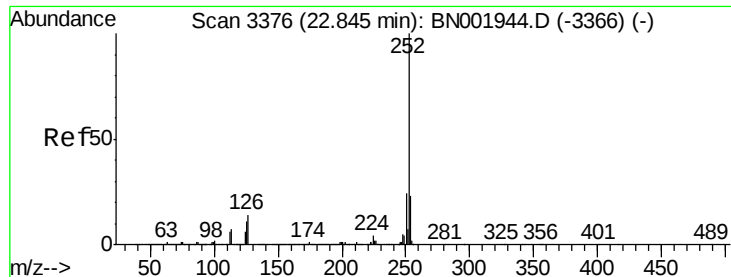
Ion Ratio Lower Upper

228 100

226 30.8 24.1 36.1

229 20.4 16.0 24.0

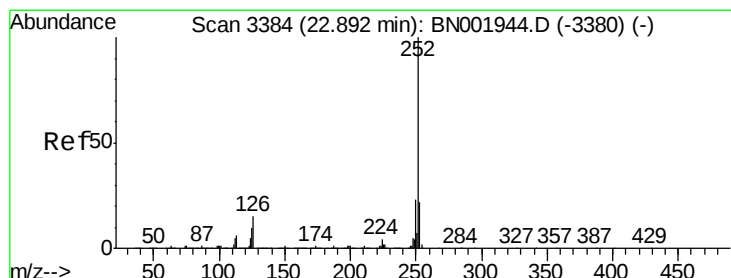
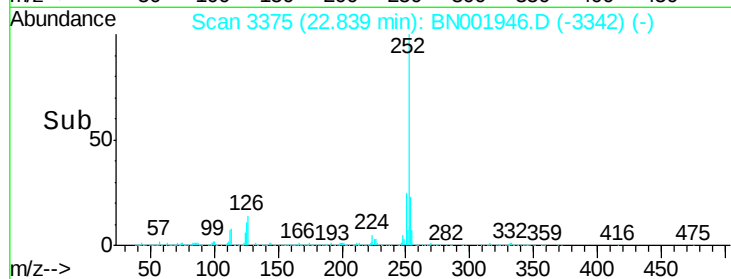
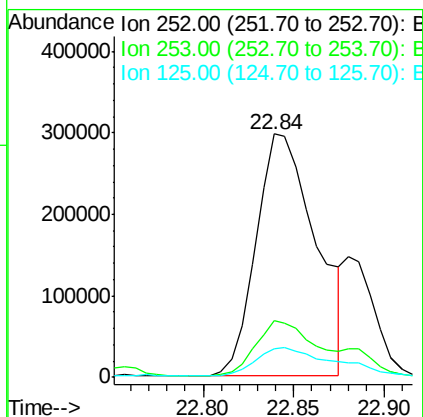
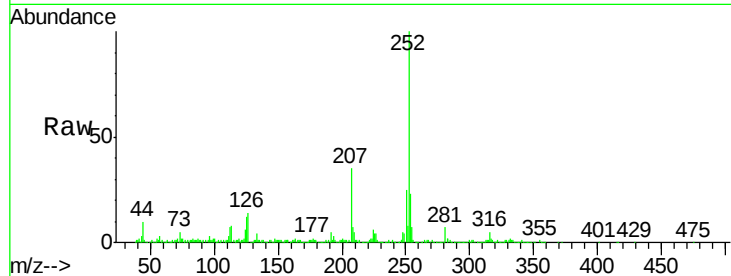




#85
Benzo(b)fluoranthene
Concen: 3.376 ng/ul
RT: 22.84 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BN001946.D
Acq: 03 Jul 2018 16:41

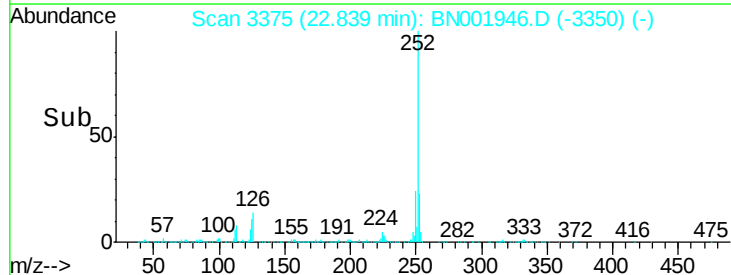
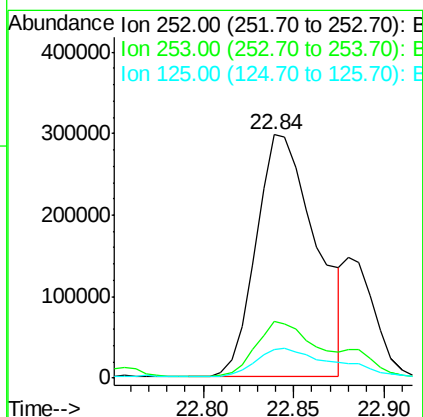
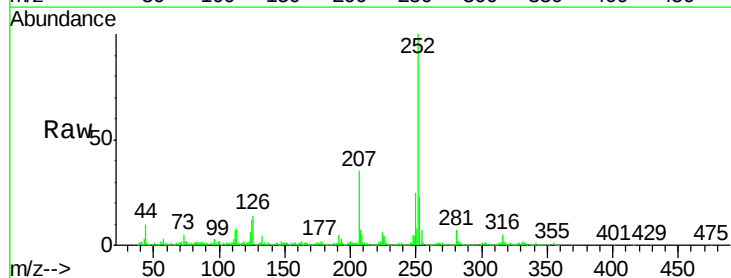
Instrument :
BNA_N
ClientSampleId :

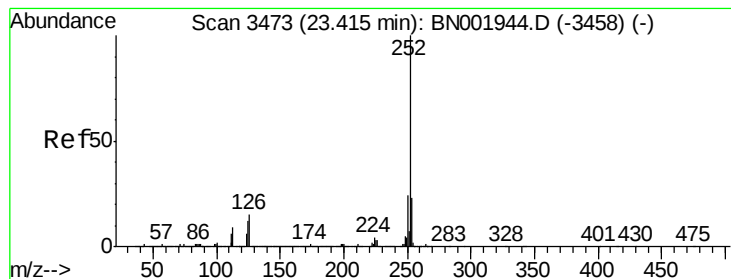
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	12.0	4.9	7.3#



#86
Benzo(k)fluoranthene
Concen: 3.481 ng/ul
RT: 22.84 min Scan# 3375
Delta R.T. -0.05 min
Lab File: BN001946.D
Acq: 03 Jul 2018 16:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	12.0	5.4	8.0#





#88

Benzo(a)pyrene

Concen: 1.769 ng/ul

RT: 23.41 min Scan# 3472

Delta R.T. -0.01 min

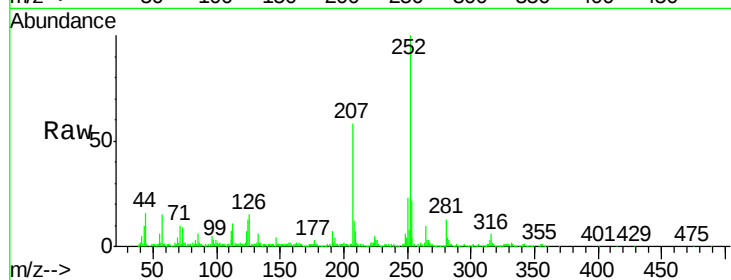
Lab File: BN001946.D

Acq: 03 Jul 2018 16:41

Instrument :

BNA_N

ClientSampleId :



Tot Ion:	252	Resp:	335377
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	12.8	5.8	8.6

