

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070318\
 Data File : BN001941.D
 Acq On : 03 Jul 2018 13:45
 Operator : JU/SJ
 Sample : J3721-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 03 23:53:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 03 23:50:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	405450	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1937674	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1224046	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	2912772	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	3287390	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	3395321	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	43537	4.66	ng/uL	0.00
5) Phenol-d5	6.88	99	948806	25.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	641175	28.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	772099	26.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	786632	26.76	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	394868	27.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	423489	28.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	792813	24.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1082220	32.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2809830	27.18	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	3423079	26.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	445122	23.38	ng/ul	0.00
57) Fluorene-d10	15.33	176	2494479	27.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	357350	22.52	ng/ul	0.00
70) Anthracene-d10	17.18	188	3876993	27.55	ng/ul	0.00
76) Pyrene-d10	19.48	212	4671859	28.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	5383035	29.15	ng/ul	0.00

Target Compounds

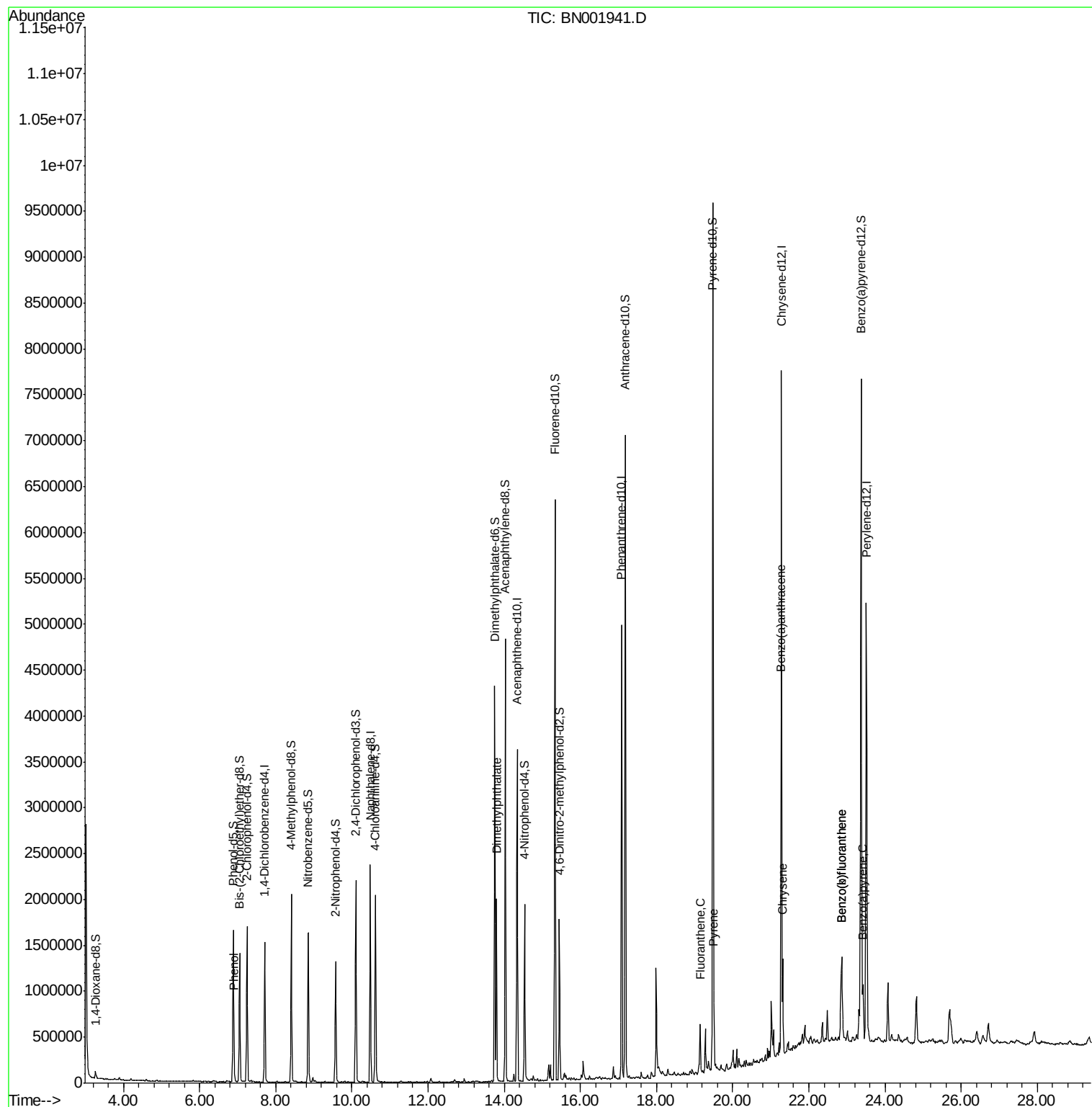
					Ovalue	
6) Phenol	6.90	94	45382	1.226	ng/ul	94
44) Dimethylphthalate	13.80	163	1250610	12.310	ng/ul	98
74) Fluoranthene	19.15	202	296960	1.722	ng/ul#	91
77) Pyrene	19.51	202	395570	1.923	ng/ul#	87
80) Benzo(a)anthracene	21.26	228	330889	1.593	ng/ul	99
82) Chrysene	21.32	228	542621	2.807	ng/ul	99
85) Benzo(b)fluoranthene	22.85	252	567650	2.647	ng/ul#	96
86) Benzo(k)fluoranthene	22.85	252	567650	2.730	ng/ul#	95
88) Benzo(a)pyrene	23.42	252	294581	1.470	ng/ul#	93

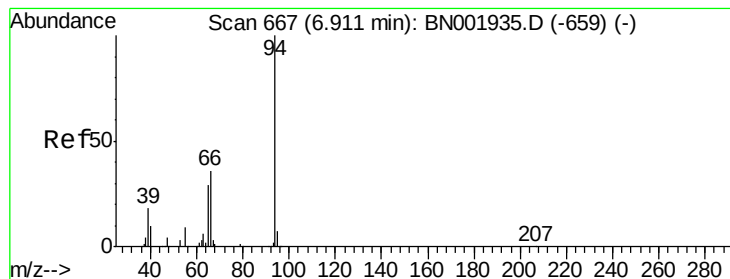
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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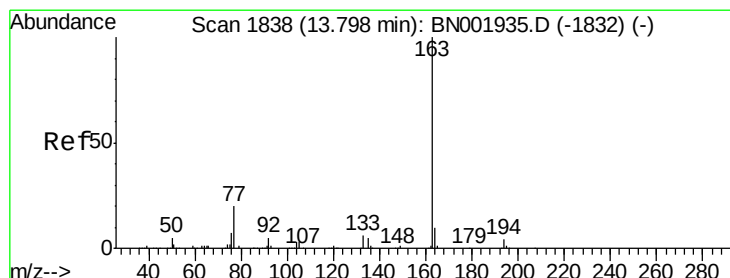
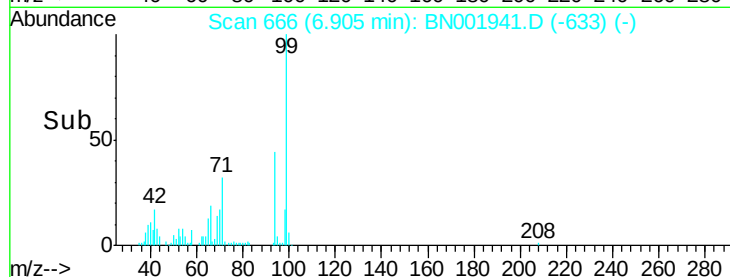
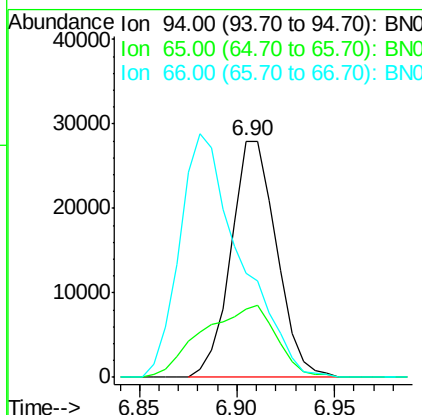
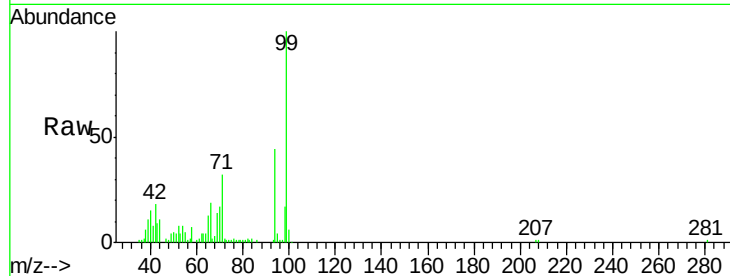
#6

Phenol

Concen: 1.226 ng/ul
 RT: 6.90 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BN001941.D
 Acq: 03 Jul 2018 13:45

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 94 Resp: 45382
 Ion Ratio Lower Upper
 94 100
 65 29.1 23.0 34.6
 66 44.2 30.4 45.6

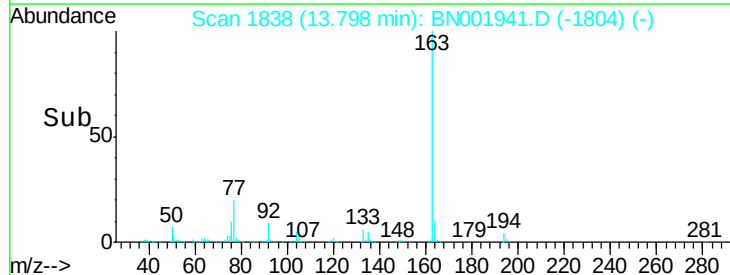
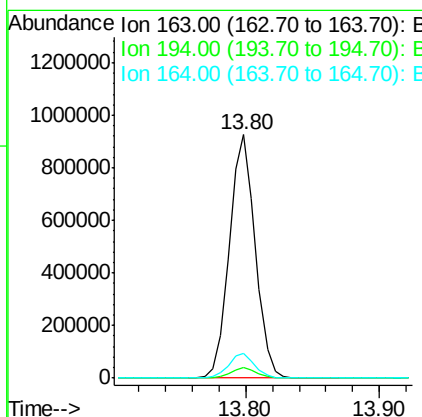
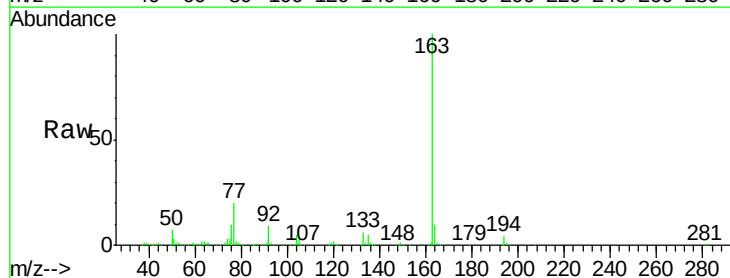


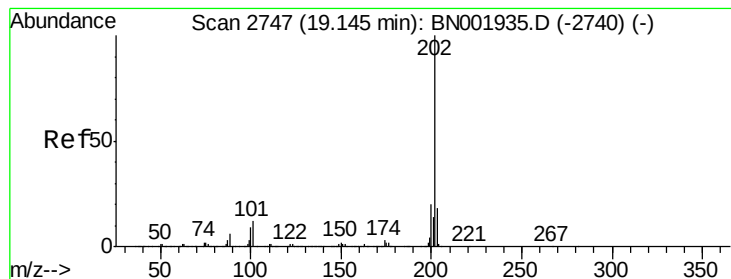
#44

Dimethylphthalate

Concen: 12.310 ng/ul
 RT: 13.80 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BN001941.D
 Acq: 03 Jul 2018 13:45

Tgt Ion: 163 Resp: 1250610
 Ion Ratio Lower Upper
 163 100
 194 4.2 4.0 6.0
 164 10.0 8.4 12.6





#74

Fluoranthene

Concen: 1.722 ng/ul

RT: 19.15 min Scan# 2747

Delta R.T. 0.00 min

Lab File: BN001941.D

Acq: 03 Jul 2018 13:45

Instrument :

BNA_N

ClientSampleId :

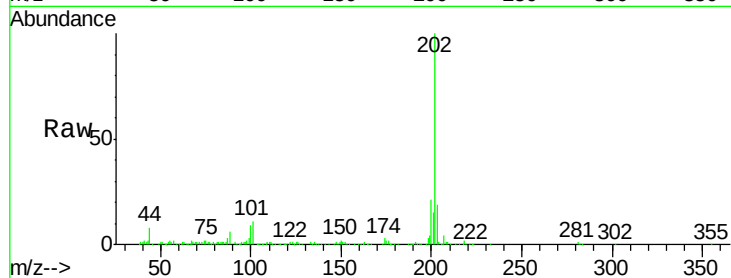
Tot Ion:202 Resp: 296960

Ion Ratio Lower Upper

202 100

101 10.7 6.1 9.1#

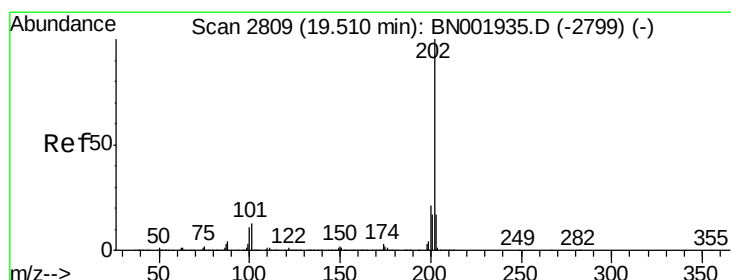
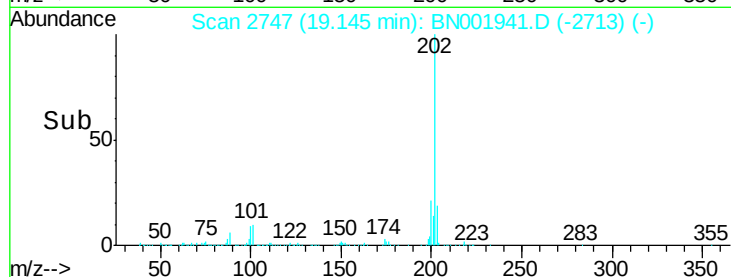
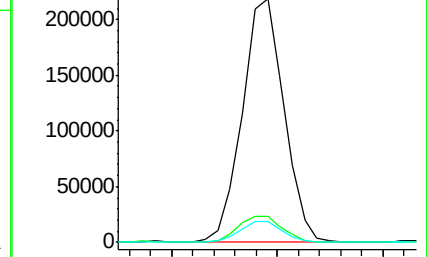
100 8.6 4.6 7.0#



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: 1.923 ng/ul

RT: 19.51 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BN001941.D

Acq: 03 Jul 2018 13:45

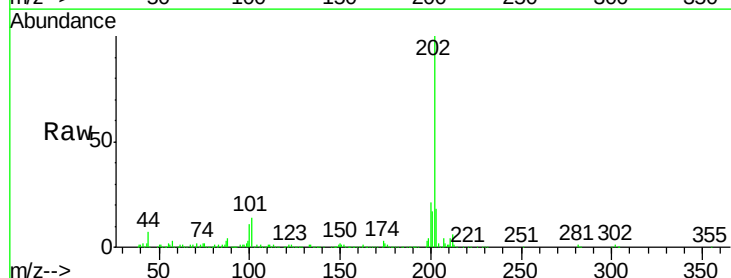
Tgt Ion:202 Resp: 395570

Ion Ratio Lower Upper

202 100

101 14.0 6.9 10.3#

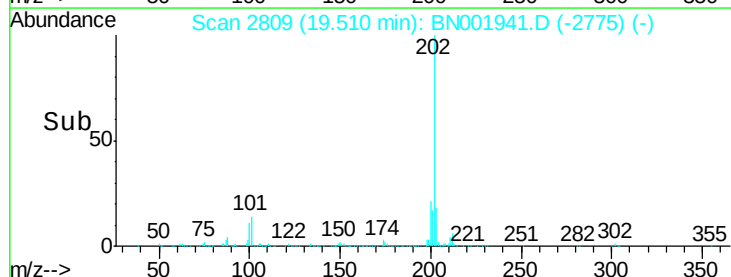
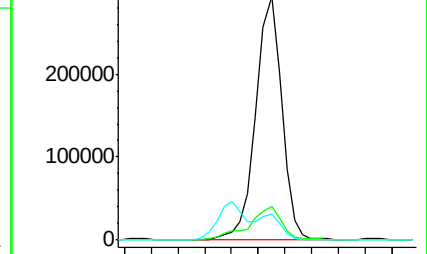
100 10.7 5.6 8.4#

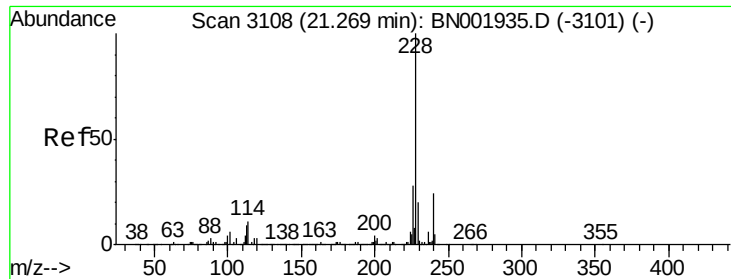


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

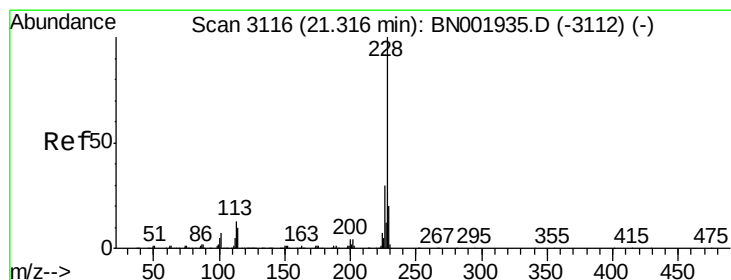
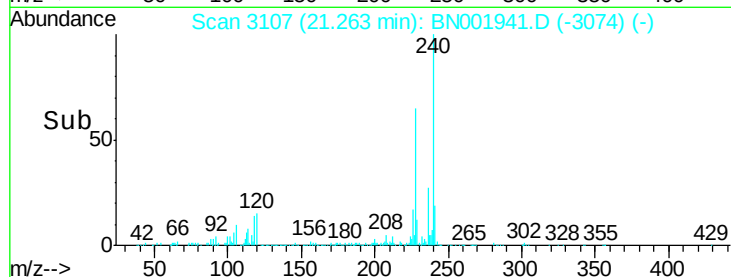
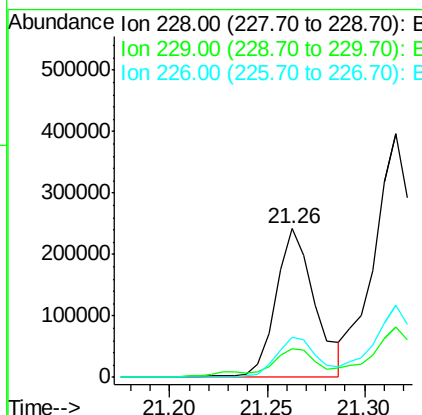
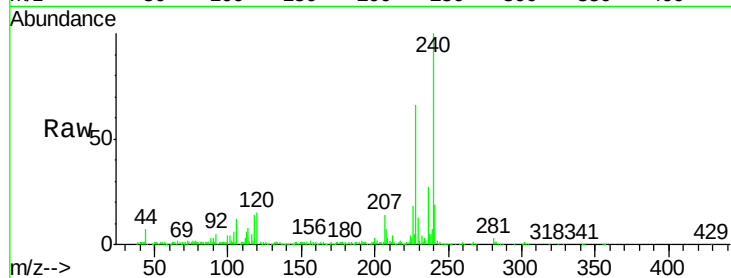




#80
Benzo(a)anthracene
Concen: 1.593 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BN001941.D
Acq: 03 Jul 2018 13:45

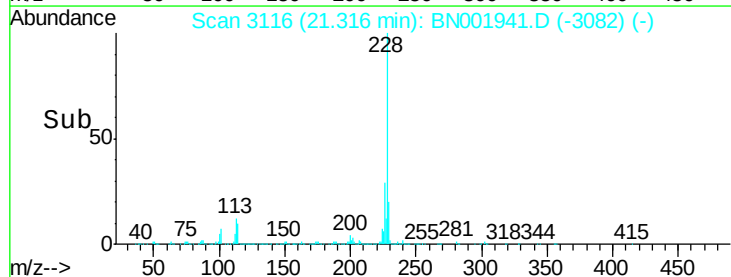
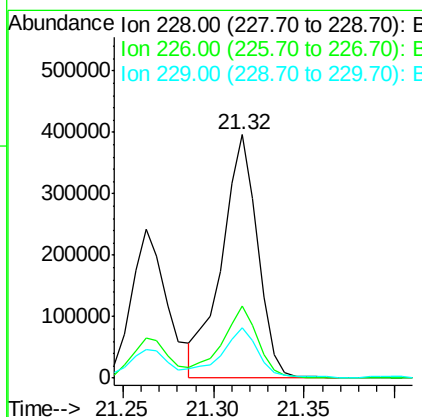
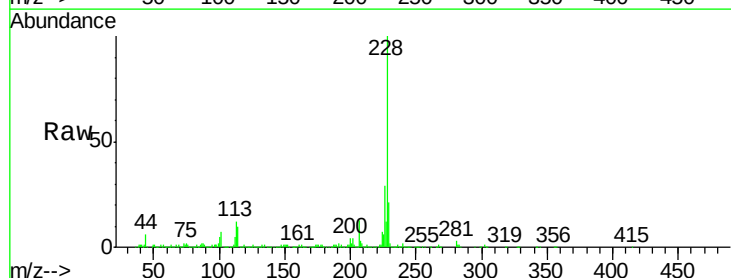
Instrument :
BNA_N
ClientSampled :

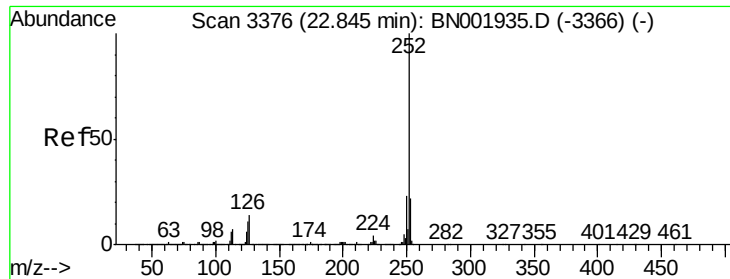
Tot Ion	Ratio	Lower	Upper
228	100		
229	19.4	16.0	24.0
226	27.1	21.8	32.8



#82
Chrysene
Concen: 2.807 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. 0.00 min
Lab File: BN001941.D
Acq: 03 Jul 2018 13:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	20.6	16.0	24.0





#85

Benzo(b)fluoranthene

Concen: 2.647 ng/ul

RT: 22.85 min Scan# 3376

Delta R.T. 0.00 min

Lab File: BN001941.D

Acq: 03 Jul 2018 13:45

Instrument :

BNA_N

ClientSampleId :

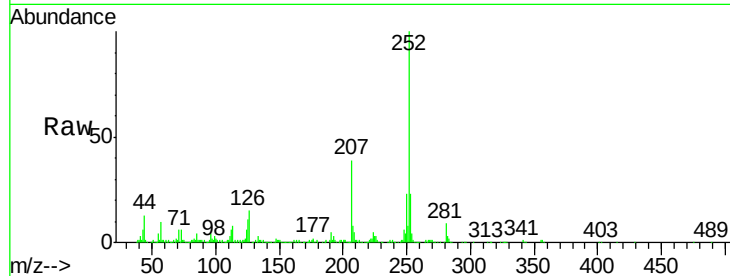
Tot Ion:252 Resp: 567650

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

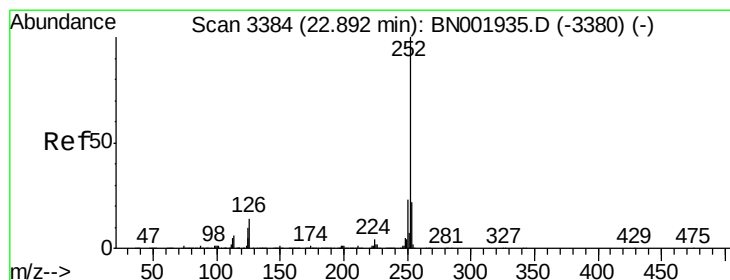
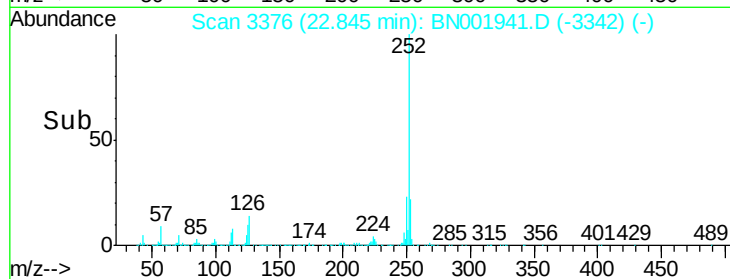
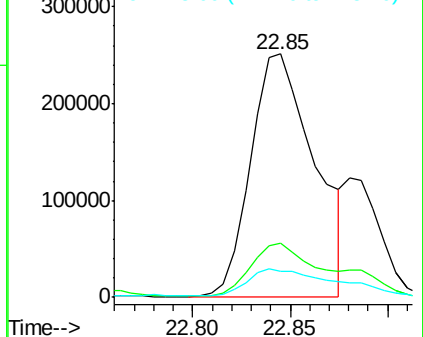
125 10.8 4.9 7.3#



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: 2.730 ng/ul

RT: 22.85 min Scan# 3376

Delta R.T. -0.05 min

Lab File: BN001941.D

Acq: 03 Jul 2018 13:45

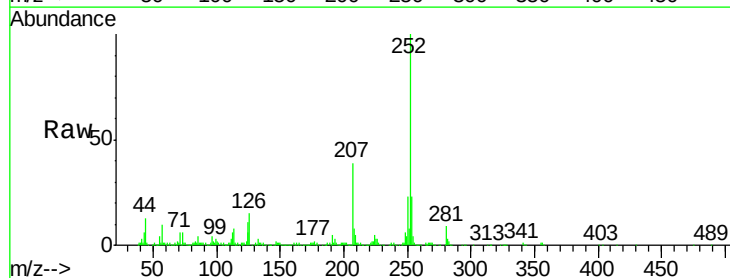
Tgt Ion:252 Resp: 567650

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

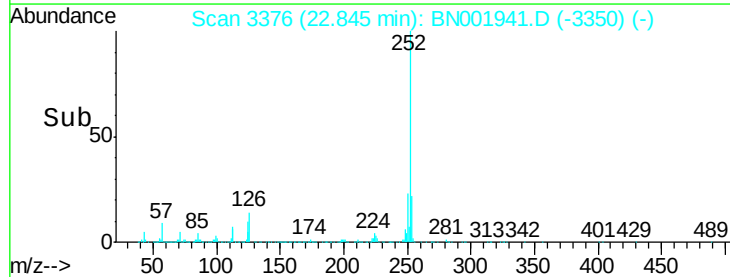
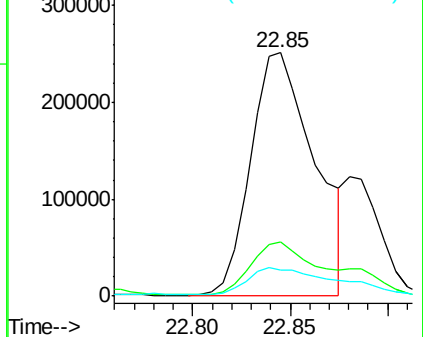
125 10.8 5.4 8.0#

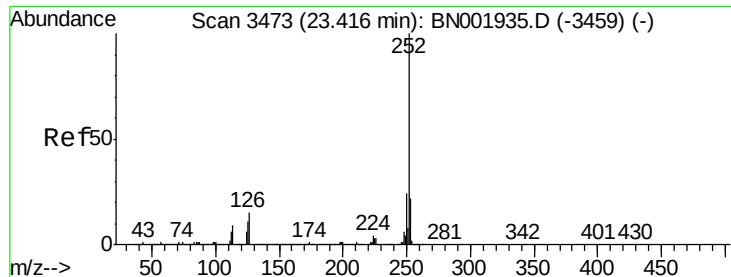


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.470 ng/ul

RT: 23.42 min Scan# 3473

Delta R.T. 0.00 min

Lab File: BN001941.D

Acq: 03 Jul 2018 13:45

Instrument :

BNA_N

ClientSampleId :

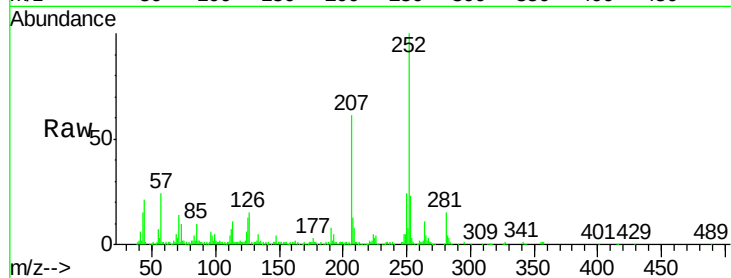
Tot Ion:252 Resp: 294581

Ion Ratio Lower Upper

252 100

253 23.3 17.2 25.8

125 12.7 5.8 8.6#



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

