

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070318\
 Data File : BN001940.D
 Acq On : 03 Jul 2018 13:09
 Operator : JU/SJ
 Sample : J3721-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 03 23:53:06 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	518420	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2445725	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1493036	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3449451	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	3574411	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	3325238	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	63866	5.35	ng/uL	0.00
5) Phenol-d5	6.88	99	1410957	30.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	942496	32.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1127232	30.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	1152610	30.67	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	589592	32.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	655049	34.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1182501	29.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1612658	38.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	4106805	32.57	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	4989795	32.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	609244	26.23	ng/ul	0.00
57) Fluorene-d10	15.33	176	3587698	32.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	526022	28.00	ng/ul	0.00
70) Anthracene-d10	17.18	188	5542467	33.26	ng/ul	0.00
76) Pyrene-d10	19.48	212	6293325	34.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	6262867	34.63	ng/ul	0.00

Target Compounds

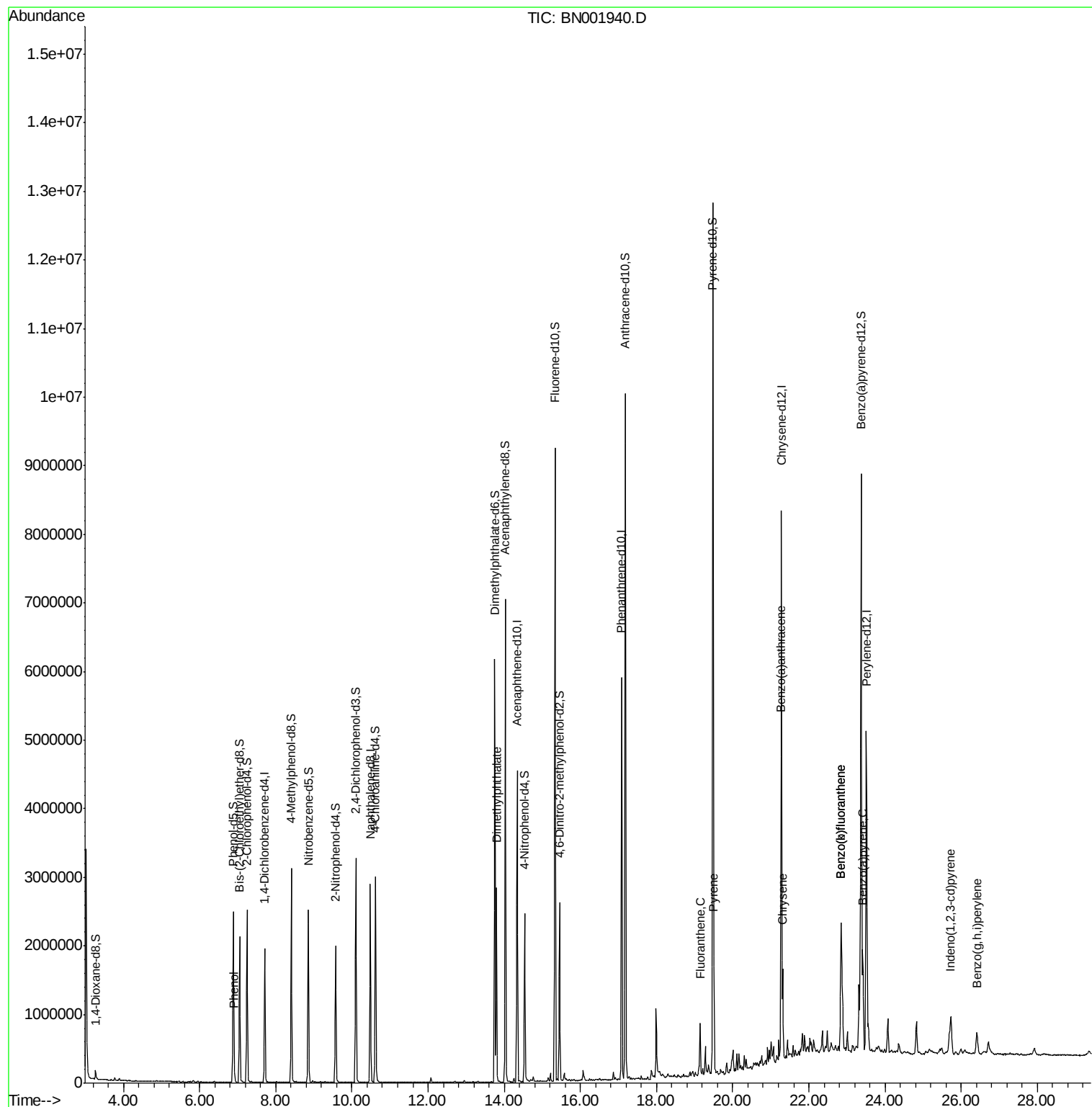
					Ovalue
6) Phenol	6.91	94	78538	1.660	ng/ul 97
44) Dimethylphthalate	13.80	163	1754632	14.160	ng/ul 98
74) Fluoranthene	19.15	202	430028	2.105	ng/ul# 89
77) Pyrene	19.51	202	854712	3.821	ng/ul# 86
80) Benzo(a)anthracene	21.26	228	749043	3.316	ng/ul 97
82) Chrysene	21.32	228	872054	4.149	ng/ul 98
85) Benzo(b)fluoranthene	22.84	252	1589835	7.570	ng/ul# 95
86) Benzo(k)fluoranthene	22.84	252	1589835	7.806	ng/ul# 94
88) Benzo(a)pyrene	23.42	252	865407	4.409	ng/ul# 95
89) Indeno(1,2,3-cd)pyrene	25.73	276	485698	2.326	ng/ul# 91
91) Benzo(g,h,i)perylene	26.42	276	363751	2.112	ng/ul# 90

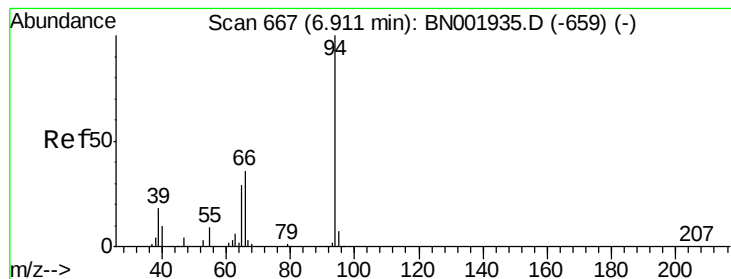
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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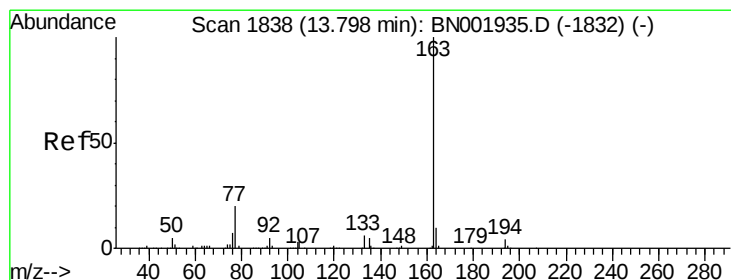
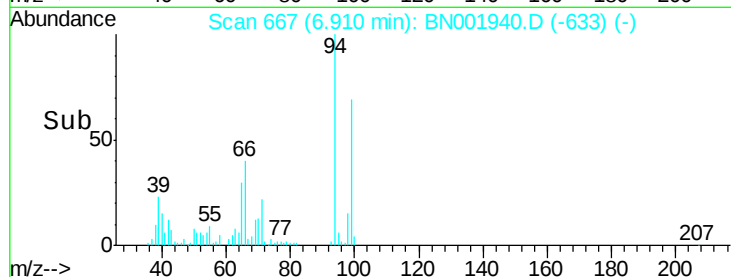
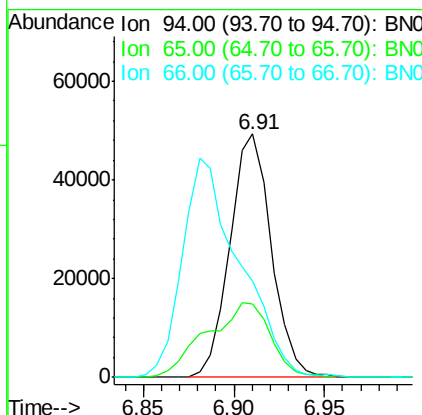
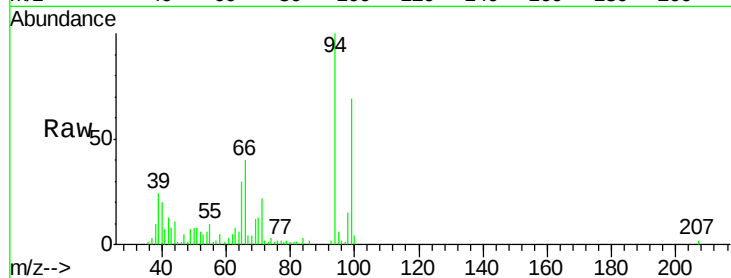
#6

Phenol

Concen: 1.660 ng/ul
 RT: 6.91 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: BN001940.D
 Acq: 03 Jul 2018 13:09

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	94	Resp	78538
Ion	Ratio	Lower	Upper
94	100		
65	30.3	23.0	34.6
66	39.7	30.4	45.6

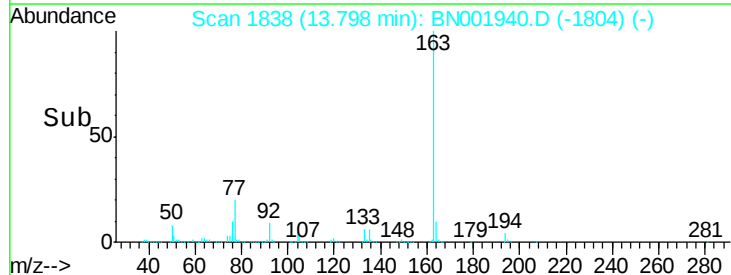
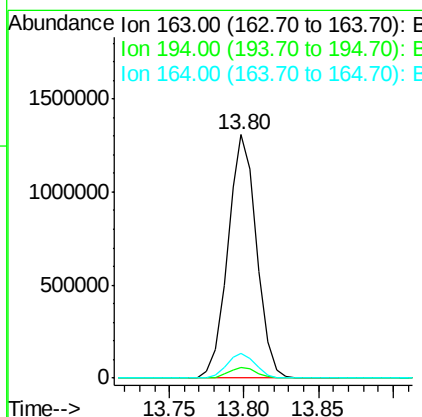
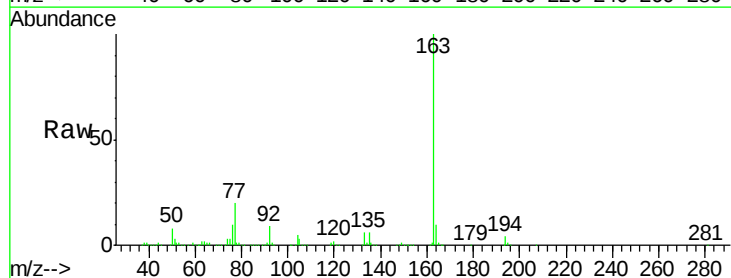


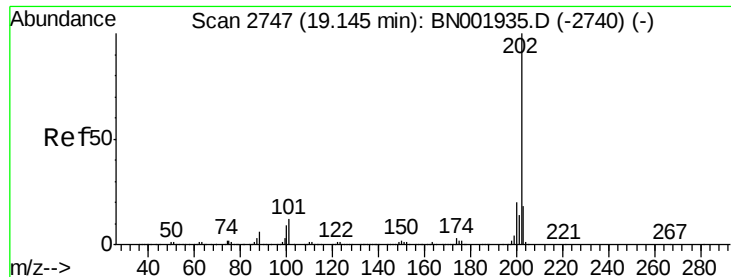
#44

Dimethylphthalate

Concen: 14.160 ng/ul
 RT: 13.80 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BN001940.D
 Acq: 03 Jul 2018 13:09

Tgt Ion	163	Resp	1754632
Ion	Ratio	Lower	Upper
163	100		
194	4.1	4.0	6.0
164	10.1	8.4	12.6





#74

Fluoranthene

Concen: 2.105 ng/ul

RT: 19.15 min Scan# 2747

Delta R.T. -0.00 min

Lab File: BN001940.D

Acq: 03 Jul 2018 13:09

Instrument :

BNA_N

ClientSampleId :

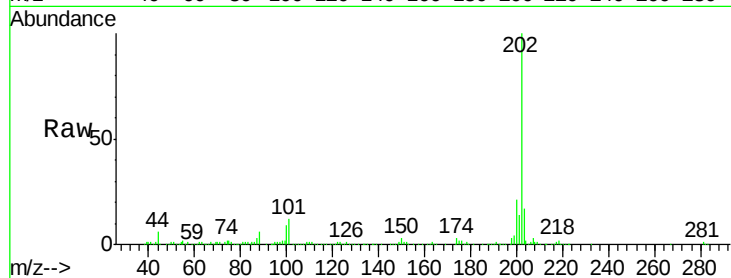
Tot Ion:202 Resp: 430028

Ion Ratio Lower Upper

202 100

101 11.8 6.1 9.1#

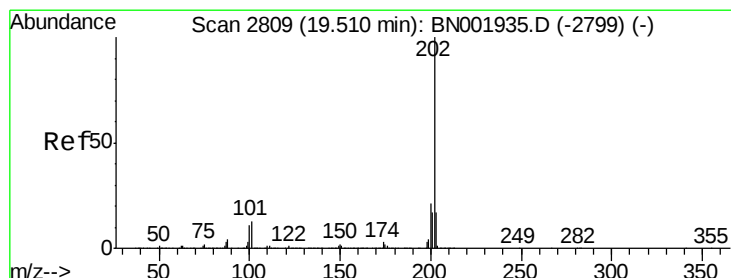
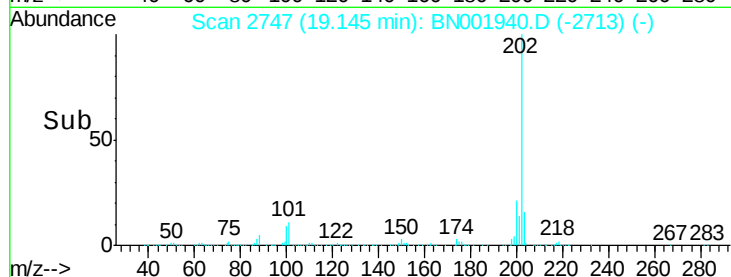
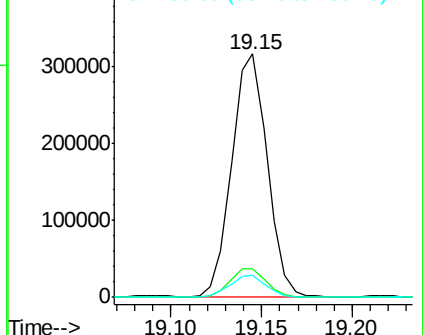
100 8.9 4.6 7.0#



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: 3.821 ng/ul

RT: 19.51 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BN001940.D

Acq: 03 Jul 2018 13:09

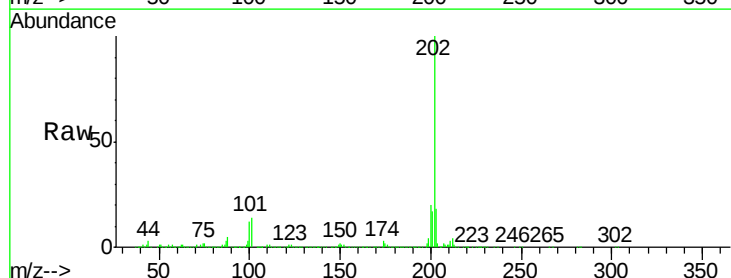
Tgt Ion:202 Resp: 854712

Ion Ratio Lower Upper

202 100

101 13.7 6.9 10.3#

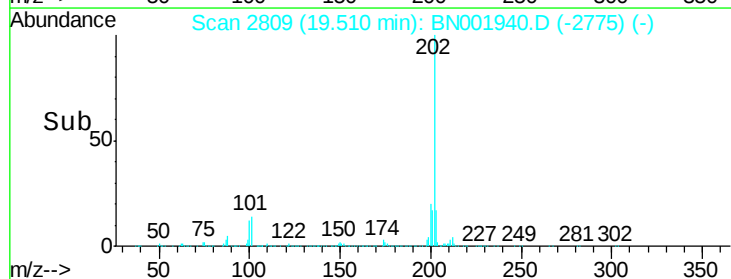
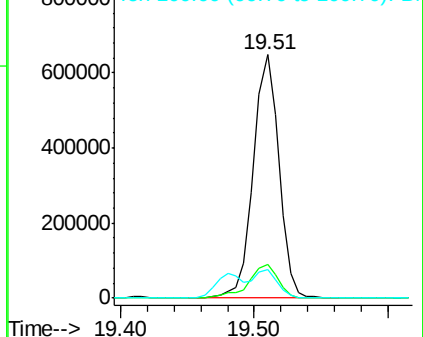
100 11.6 5.6 8.4#

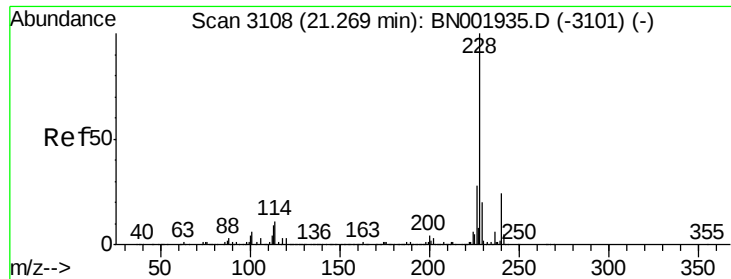


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

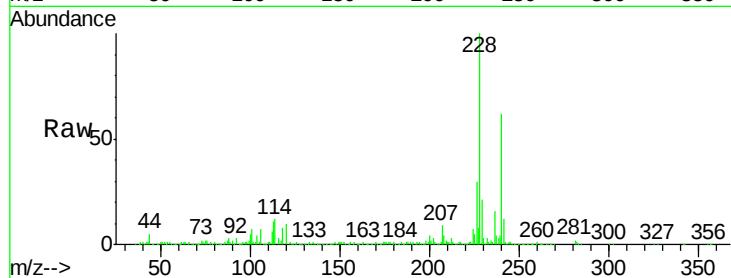




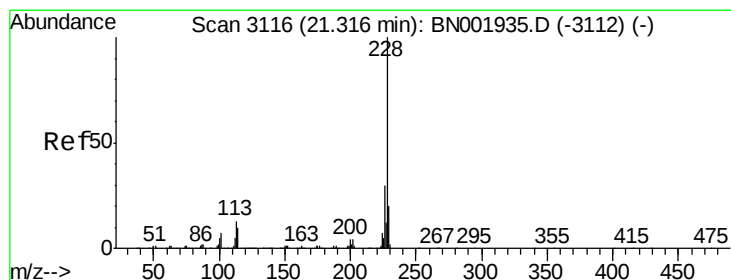
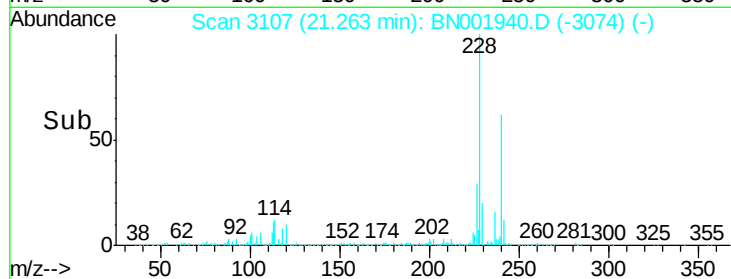
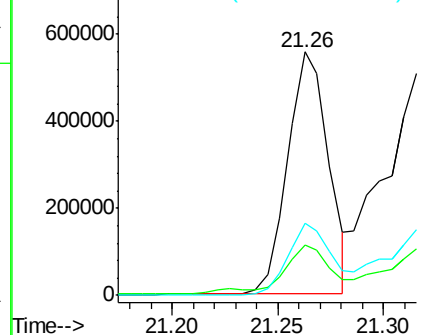
#80
Benzo(a)anthracene
Concen: 3.316 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BN001940.D
Acq: 03 Jul 2018 13:09

Instrument :
BNA_N
ClientSampleId :

Tot Ion:228 Resp: 749043
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 29.7 21.8 32.8

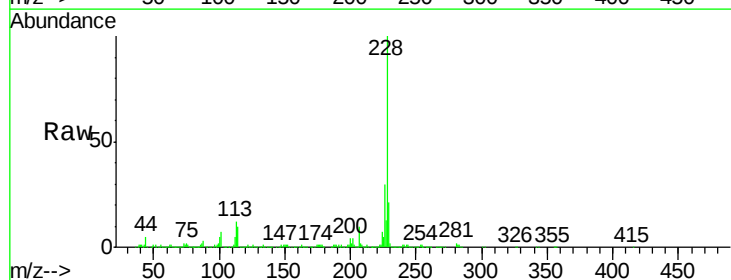


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

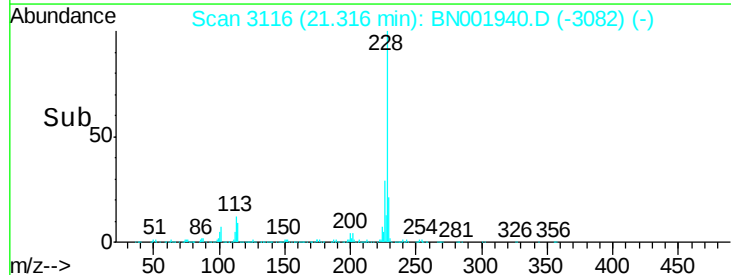
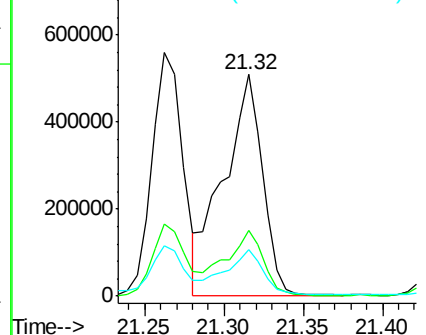


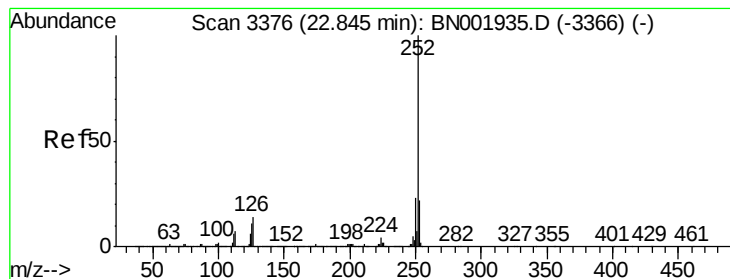
#82
Chrysene
Concen: 4.149 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BN001940.D
Acq: 03 Jul 2018 13:09

Tgt Ion:228 Resp: 872054
Ion Ratio Lower Upper
228 100
226 29.6 24.1 36.1
229 21.2 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: 7.570 ng/ul

RT: 22.84 min Scan# 3376

Delta R.T. -0.00 min

Lab File: BN001940.D

Acq: 03 Jul 2018 13:09

Instrument :

BNA_N

ClientSampleId :

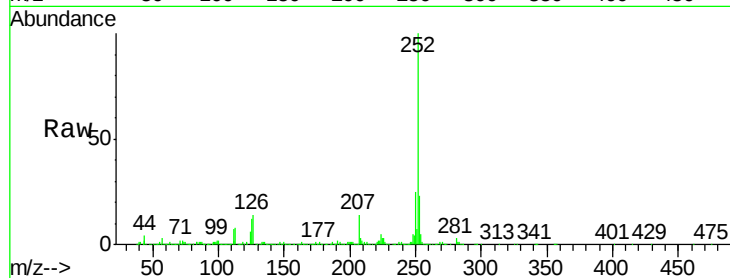
Tot Ion:252 Resp: 1589835

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

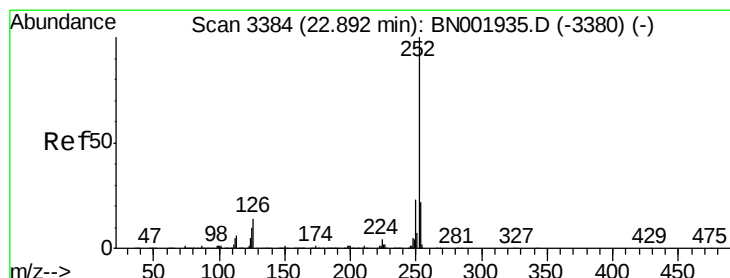
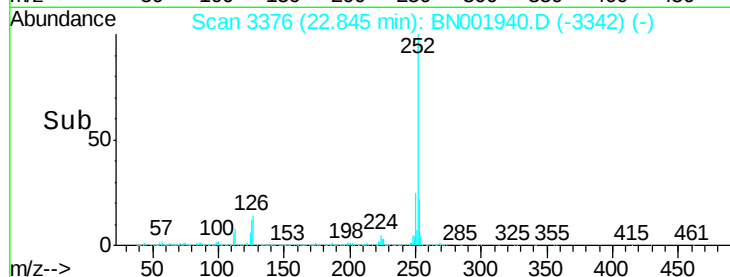
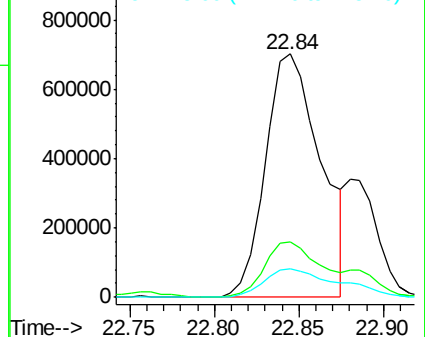
125 11.6 4.9 7.3#



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: 7.806 ng/ul

RT: 22.84 min Scan# 3376

Delta R.T. -0.05 min

Lab File: BN001940.D

Acq: 03 Jul 2018 13:09

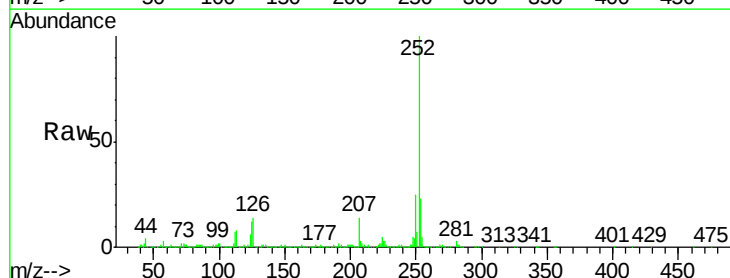
Tgt Ion:252 Resp: 1589835

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

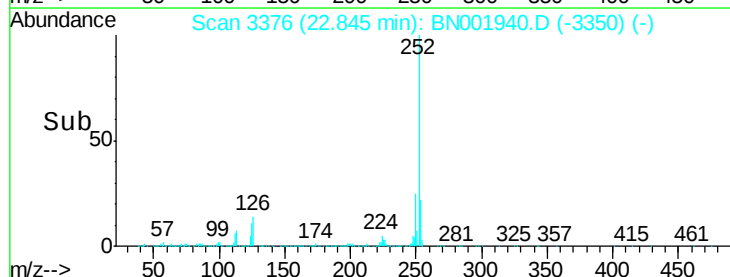
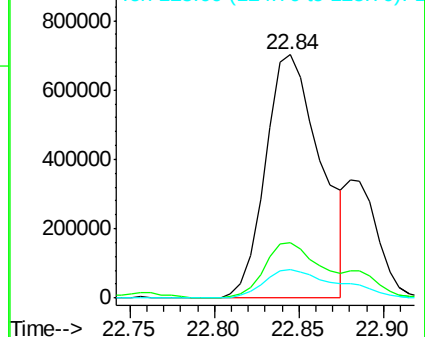
125 11.6 5.4 8.0#

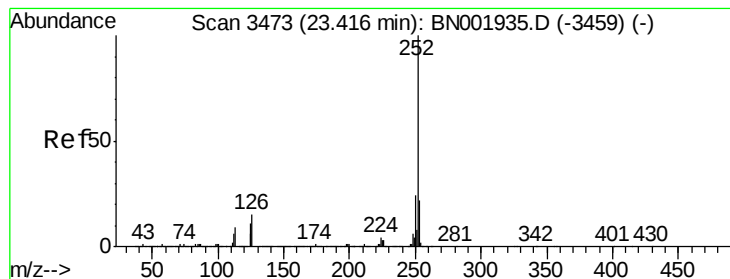


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 4.409 ng/ul

RT: 23.42 min Scan# 3473

Delta R.T. -0.00 min

Lab File: BN001940.D

Acq: 03 Jul 2018 13:09

Instrument :

BNA_N

ClientSampleId :

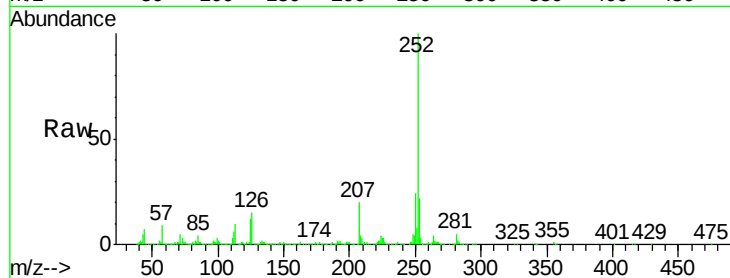
Tot Ion:252 Resp: 865407

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

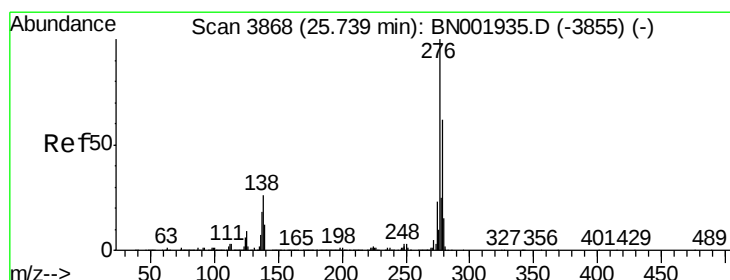
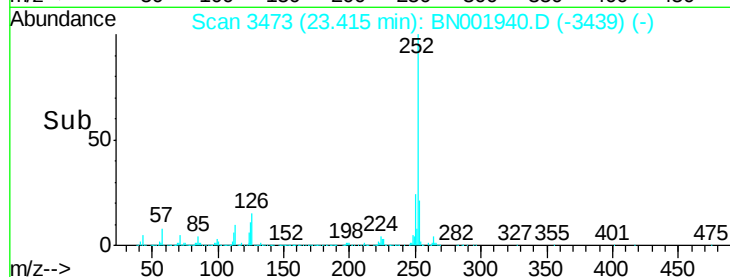
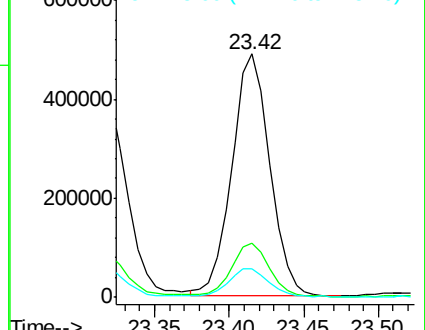
125 11.6 5.8 8.6#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.326 ng/ul

RT: 25.73 min Scan# 3867

Delta R.T. -0.01 min

Lab File: BN001940.D

Acq: 03 Jul 2018 13:09

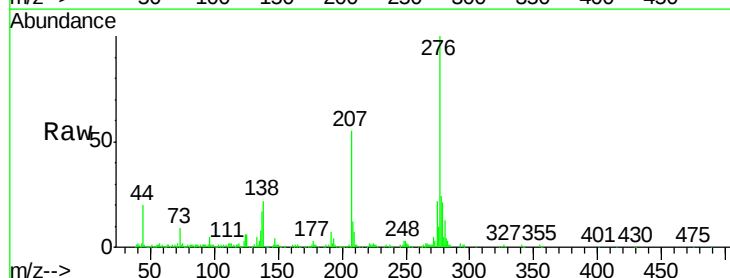
Tgt Ion:276 Resp: 485698

Ion Ratio Lower Upper

276 100

138 22.5 10.9 16.3#

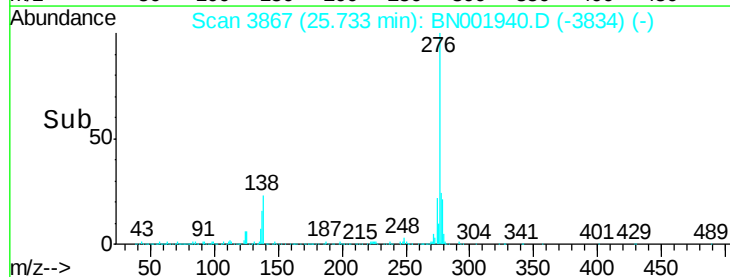
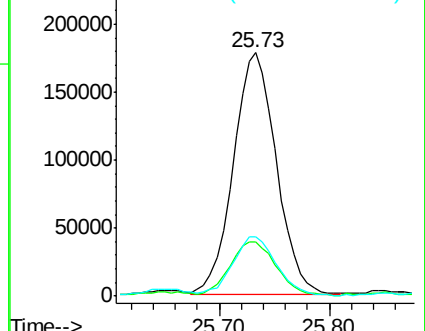
277 24.3 18.9 28.3

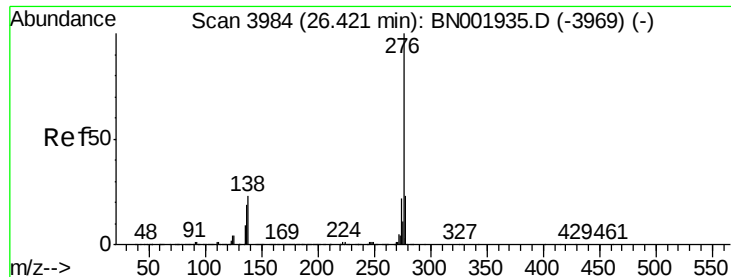


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(a,h,i)perylene

Concen: 2.112 ng/ul

RT: 26.42 min Scan# 3983

Delta R.T. -0.01 min

Lab File: BN001940.D

Acq: 03 Jul 2018 13:09

Instrument :

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ClientSampleId :

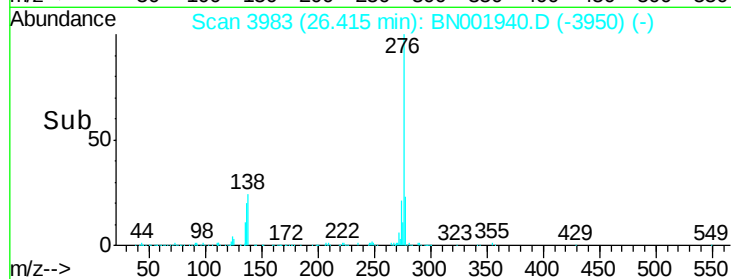
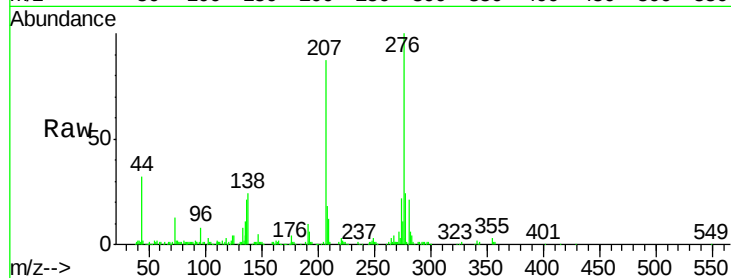
Tot Ion:276 Resp: 363751

Ion Ratio Lower Upper

276 100

138 24.4 11.2 16.8#

277 23.9 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

