

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042718\
 Data File : BN000985.D
 Acq On : 28 Apr 2018 04:45
 Operator : JU/SJ
 Sample : J2440-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 28 06:48:12 2018
 Quant Method : Z:\HPCHEM1\BNA N\Methods\SOM-EPA-BN041918-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 28 03:58:06 2018
 Response via : Initial Calibration

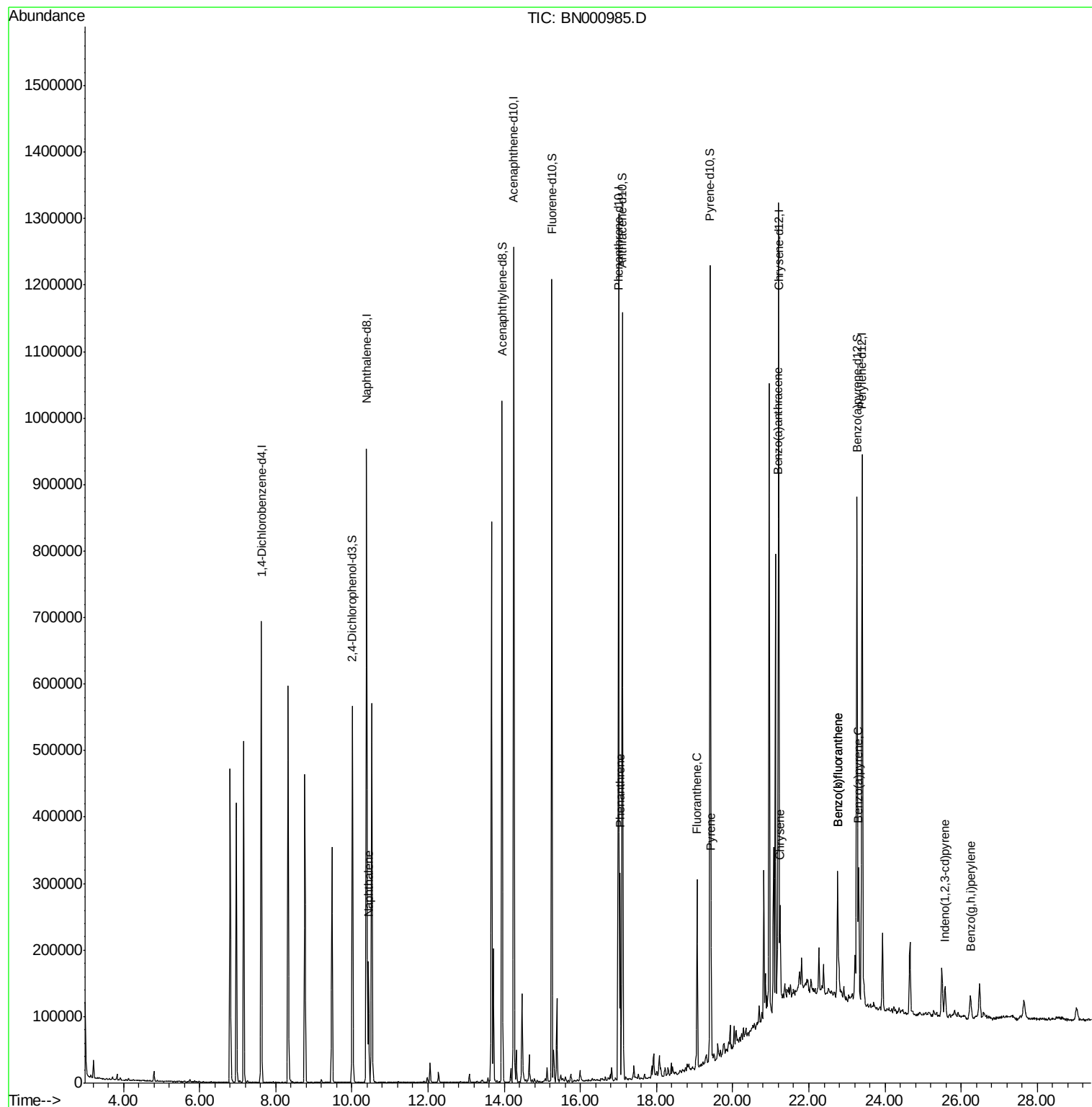
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	174470	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	752329	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	379397	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	701645	20.00	ng/ul	0.00
18) Chrysene-d12	21.21	240	507829	20.00	ng/ul	0.00
23) Perylene-d12	23.40	264	519234	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.01	165	194129	18.14	ng/ul	0.00
7) Acenaphthylene-d8	13.94	160	655751	17.96	ng/ul	0.00
10) Fluorene-d10	15.25	176	443938	18.14	ng/ul	0.00
15) Anthracene-d10	17.10	188	579225	17.86	ng/ul	0.00
19) Pyrene-d10	19.40	212	536385	20.99	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.26	264	495411	20.24	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	10.43	128	142706	3.747	ng/ul	100
14) Phenanthrene	17.05	178	172040	4.488	ng/ul	99
17) Fluoranthene	19.07	202	151089	4.009	ng/ul#	78
20) Pyrene	19.43	202	132100	4.109	ng/ul#	72
21) Benzo(a)anthracene	21.19	228	64005	2.115	ng/ul	98
22) Chrysene	21.25	228	65998	2.306	ng/ul	98
24) Benzo(b)fluoranthene	22.75	252	85529	2.848	ng/ul#	93
25) Benzo(k)fluoranthene	22.75	252	85529	2.950	ng/ul#	91
27) Benzo(a)pyrene	23.30	252	61976	2.156	ng/ul#	92
28) Indeno(1,2,3-cd)pyrene	25.57	276	39619	1.234	ng/ul#	78
30) Benzo(g,h,i)perylene	26.24	276	36104	1.358	ng/ul#	85

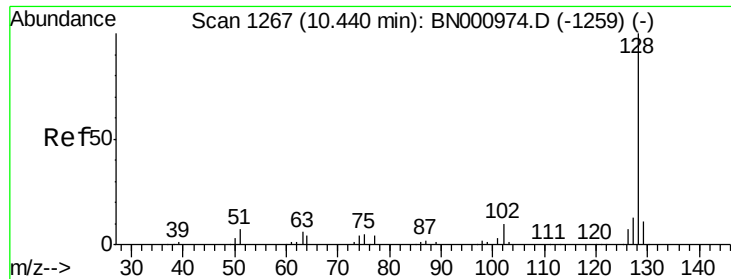
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Naphthalene

Concen: 3.747 ng/ul

RT: 10.43 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BN000985.D

Acq: 28 Apr 2018 04:45

Instrument :

BNA_N

ClientSampled :

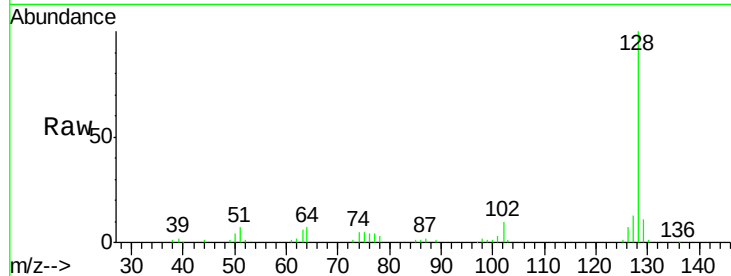
Tot Ion:128 Resp: 142706

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

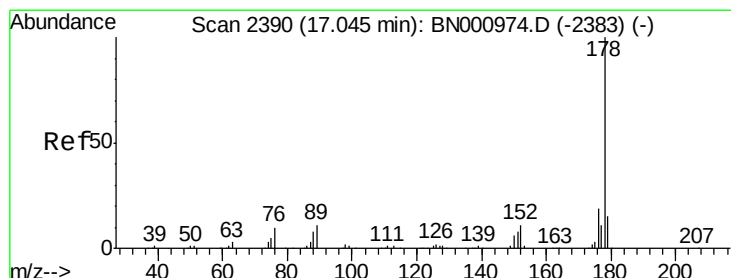
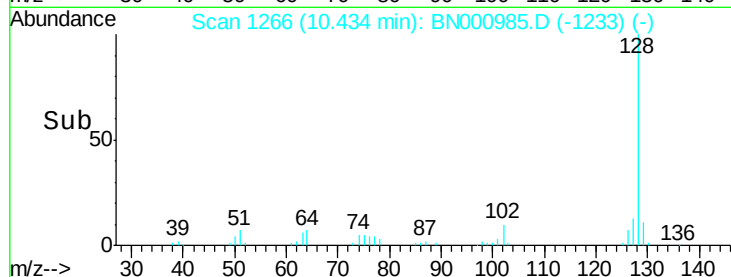
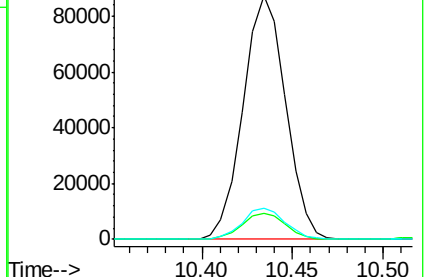
127 13.0 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#14

Phenanthrene

Concen: 4.488 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BN000985.D

Acq: 28 Apr 2018 04:45

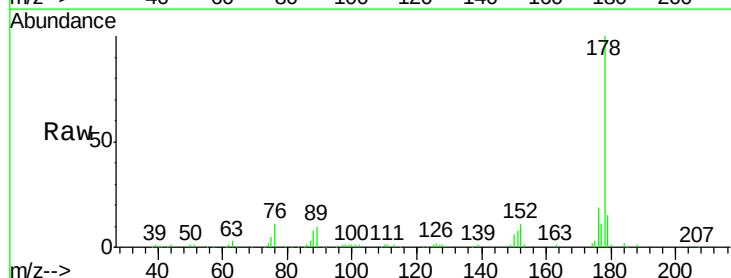
Tgt Ion:178 Resp: 172040

Ion Ratio Lower Upper

178 100

179 15.0 12.6 19.0

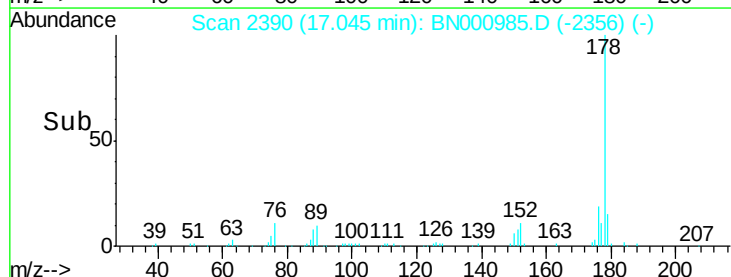
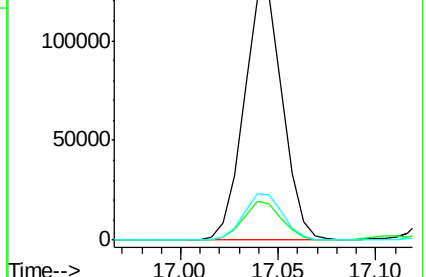
176 18.8 14.9 22.3

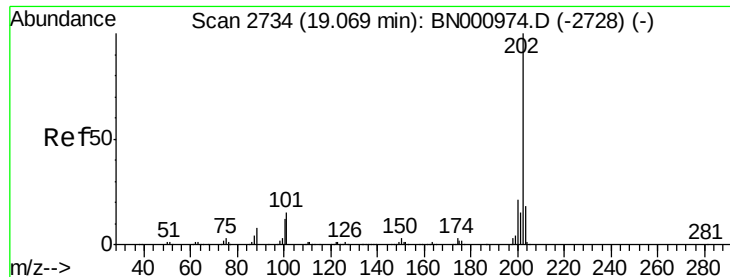


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

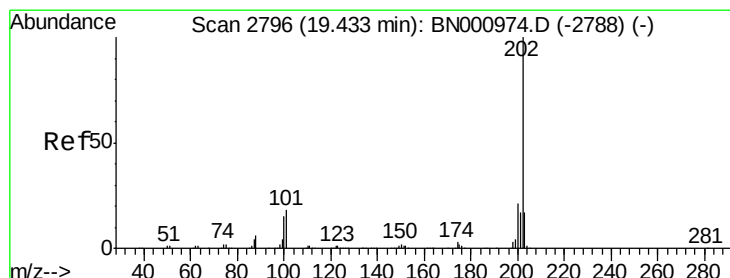
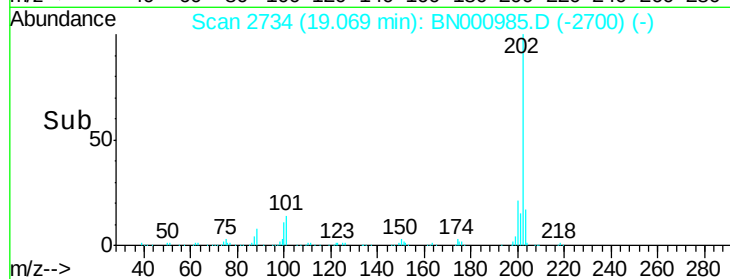
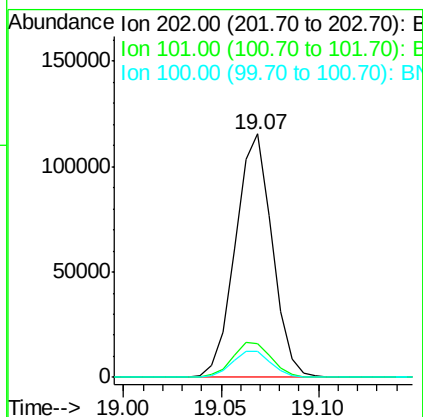
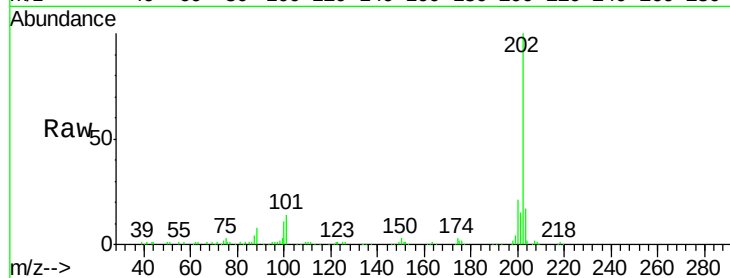




#17
 Fluoranthene
 Concen: 4.009 ng/ul
 RT: 19.07 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: BN000985.D
 Acq: 28 Apr 2018 04:45

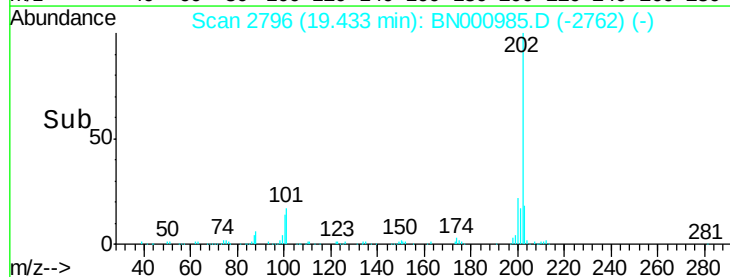
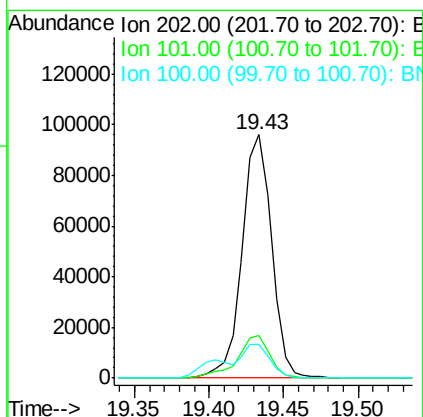
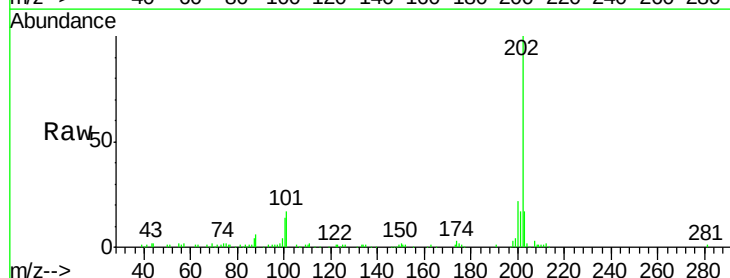
Instrument :
 BNA_N
 ClientSampleId :

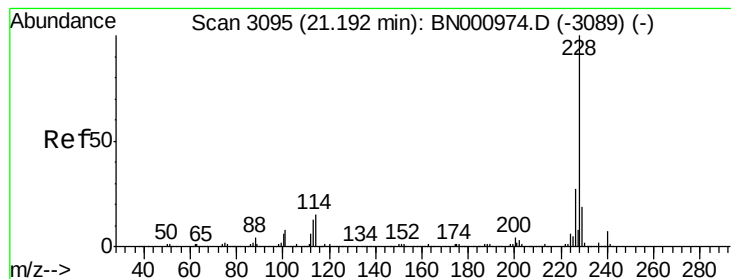
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.0	4.6	7.0#
100	10.8	3.4	5.2#



#20
 Pyrene
 Concen: 4.109 ng/ul
 RT: 19.43 min Scan# 2796
 Delta R.T. 0.00 min
 Lab File: BN000985.D
 Acq: 28 Apr 2018 04:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.4	5.1	7.7#
100	14.0	4.9	7.3#





#21

Benzo(a)anthracene

Concen: 2.115 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BN000985.D

Acq: 28 Apr 2018 04:45

Instrument :

BNA_N

ClientSampleId :

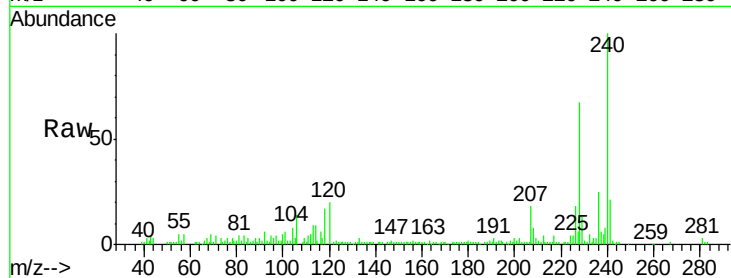
Tot Ion:228 Resp: 64005

Ion Ratio Lower Upper

228 100

229 20.4 15.4 23.0

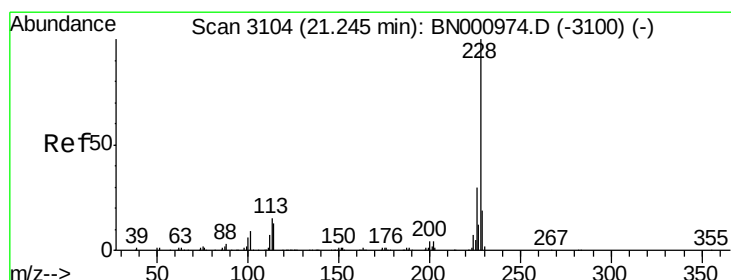
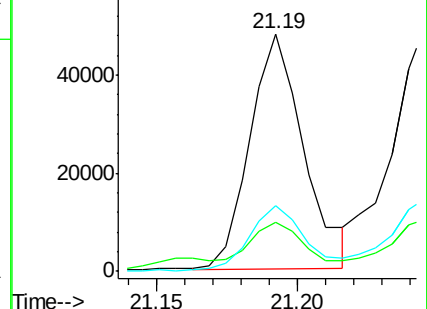
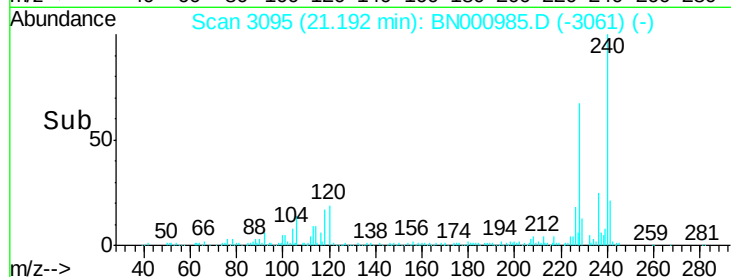
226 27.7 21.4 32.0



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



#22

Chrysene

Concen: 2.306 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BN000985.D

Acq: 28 Apr 2018 04:45

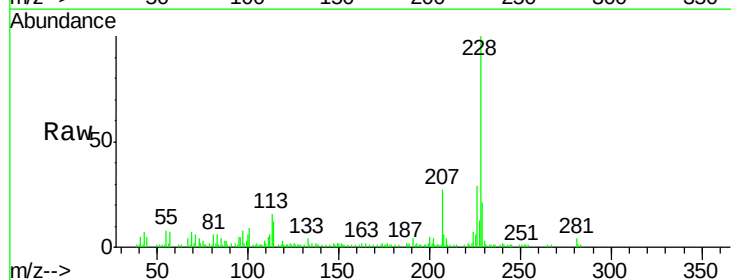
Tgt Ion:228 Resp: 65998

Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.2

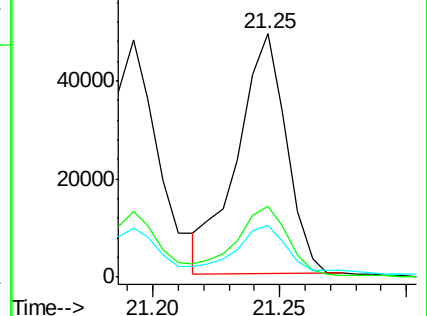
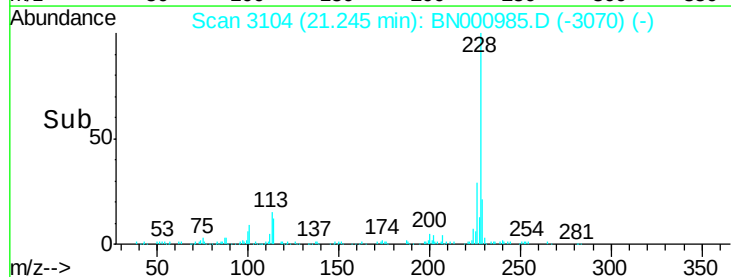
229 21.4 15.5 23.3

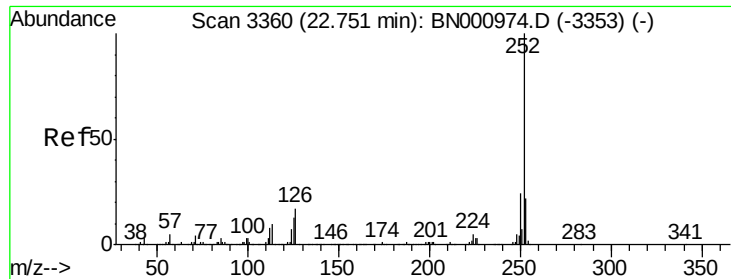


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#24

Benzo(b)fluoranthene

Concen: 2.848 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. 0.00 min

Lab File: BN000985.D

Acq: 28 Apr 2018 04:45

Instrument :

BNA_N

ClientSampleId :

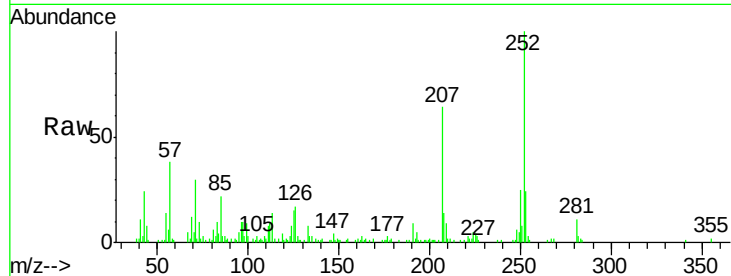
Tot Ion:252 Resp: 85529

Ion Ratio Lower Upper

252 100

253 23.5 17.9 26.9

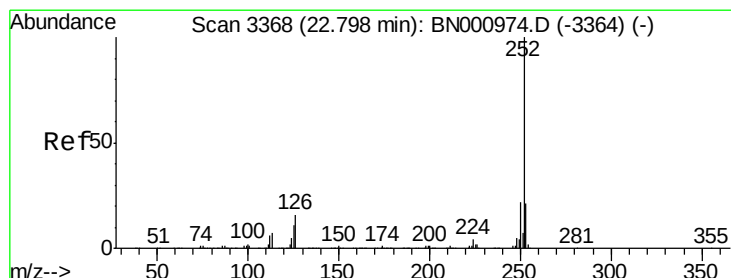
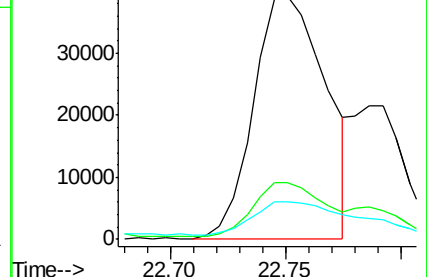
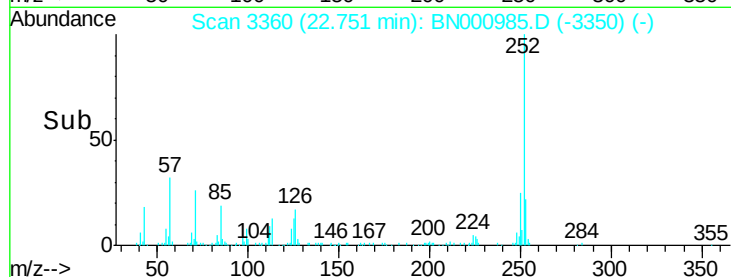
125 15.2 3.6 5.4#



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



#25

Benzo(k)fluoranthene

Concen: 2.950 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. -0.05 min

Lab File: BN000985.D

Acq: 28 Apr 2018 04:45

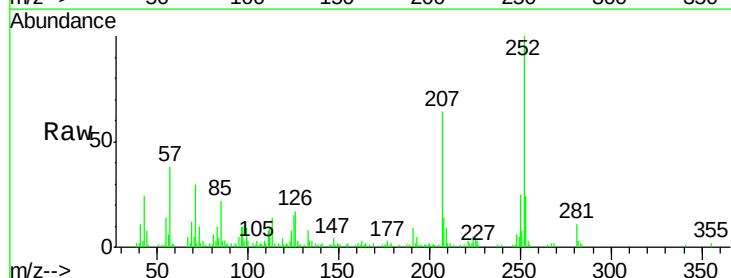
Tgt Ion:252 Resp: 85529

Ion Ratio Lower Upper

252 100

253 23.5 17.1 25.7

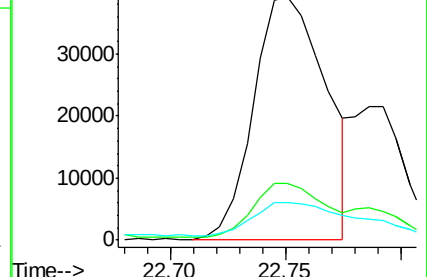
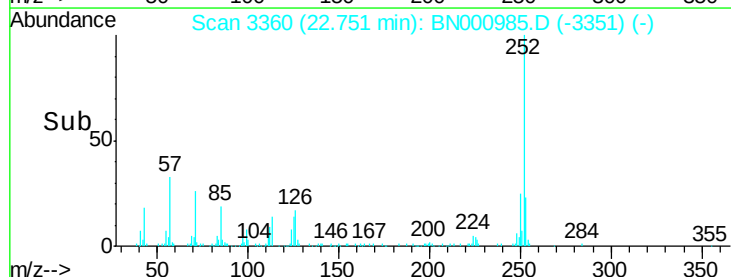
125 15.2 3.4 5.2#

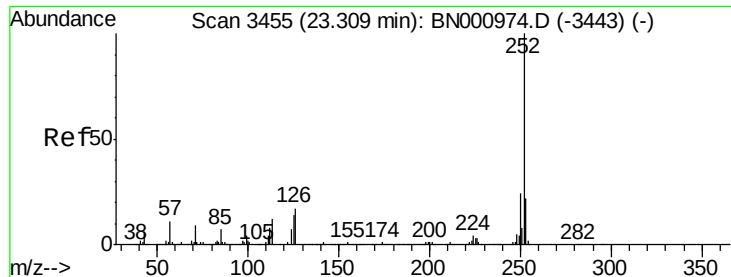


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

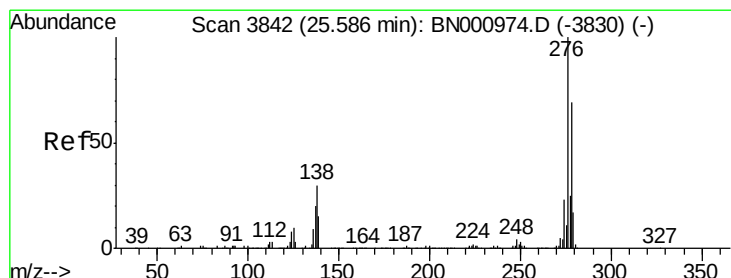
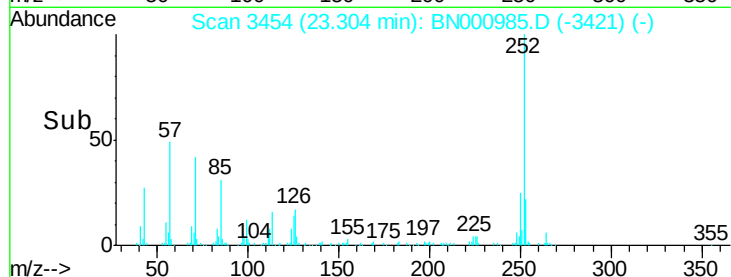
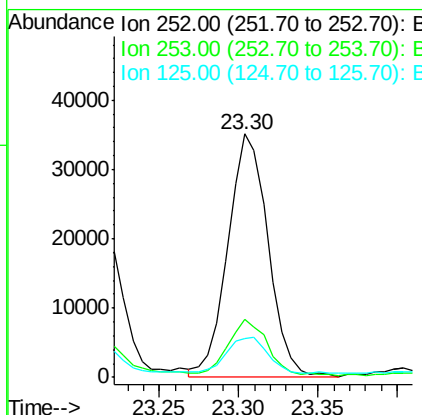
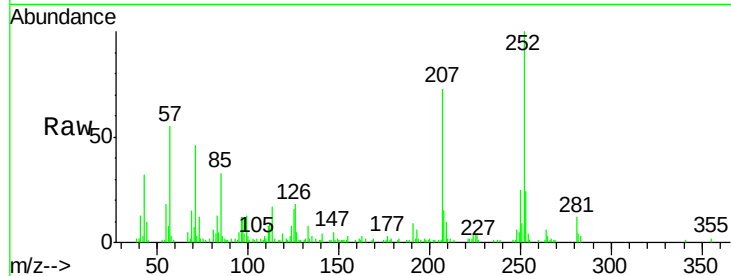




#27
Benzo(a)pyrene
Concen: 2.156 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BN000985.D
Acq: 28 Apr 2018 04:45

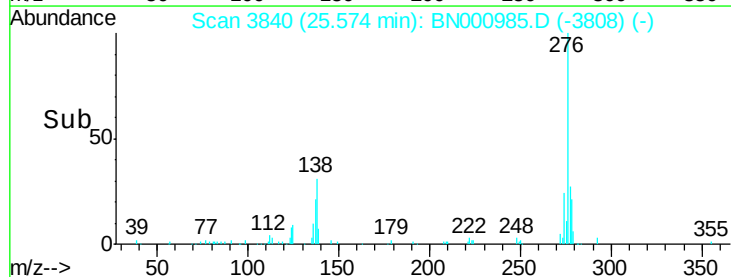
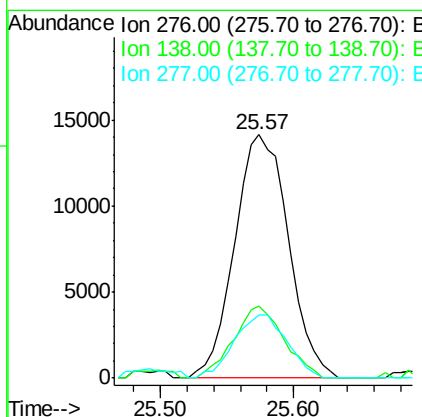
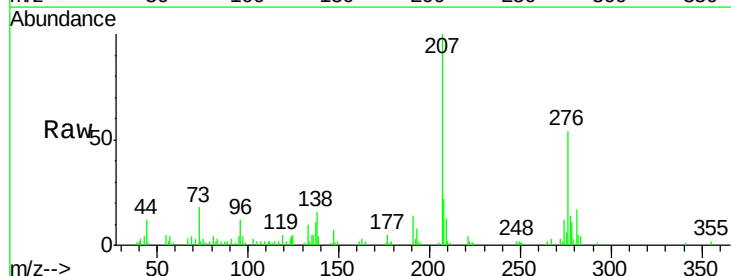
Instrument :
BNA_N
ClientSampleId :

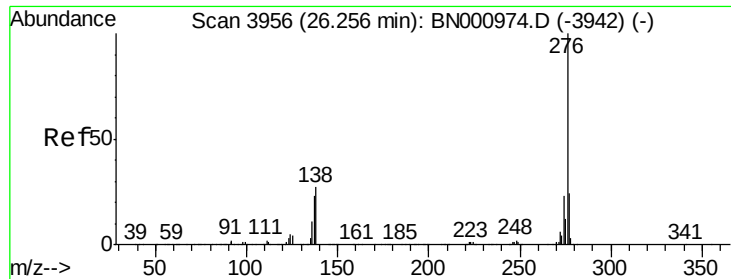
Tot Ion:252 Resp: 61976
Ion Ratio Lower Upper
252 100
253 24.1 18.2 27.2
125 16.2 4.0 6.0#



#28
Indeno(1,2,3-cd)pyrene
Concen: 1.234 ng/ul
RT: 25.57 min Scan# 3840
Delta R.T. -0.01 min
Lab File: BN000985.D
Acq: 28 Apr 2018 04:45

Tgt Ion:276 Resp: 39619
Ion Ratio Lower Upper
276 100
138 36.6 9.3 13.9#
277 25.9 19.9 29.9





#30

Benzo(a,h,i)perylene

Concen: 1.358 ng/ul

RT: 26.24 min Scan# 3953

Delta R.T. -0.02 min

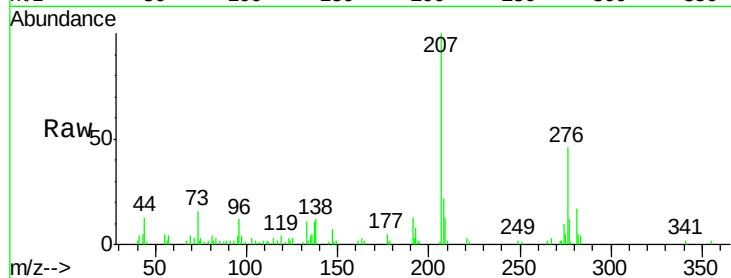
Lab File: BN000985.D

Acq: 28 Apr 2018 04:45

Instrument :

BNA_N

ClientSampleId :



Tot Ion:	276	Resp:	36104
Ion	Ratio	Lower	Upper
276	100		
138	26.5	8.5	12.7#
277	24.9	18.6	28.0

