

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
 Data File : BN009970.D
 Acq On : 27 Feb 2020 18:53
 Operator : CG/JU
 Sample : L1612-19DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DBDM1DL

Manual Integrations
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Quant Time: Feb 28 02:48:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 26 07:56:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	80790	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	351445	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	225447	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	483128	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	469246	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	518240	20.00	ng/ul	0.00

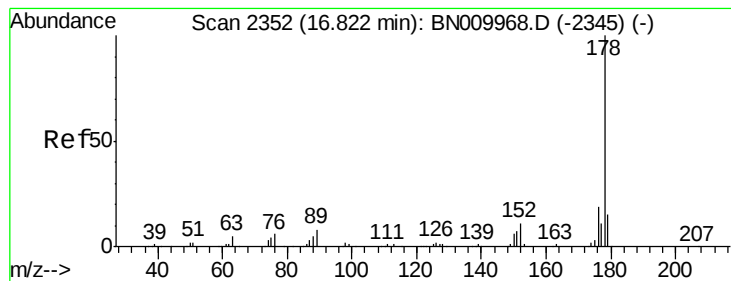
System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.63	99	6388m	0.93	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	6.76	67	7036m	1.48	ng/ul	0.01
9) 2-Chlorophenol-d4	6.93	132	6104m	1.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	5526m	1.01	ng/ul	0.04
19) Nitrobenzene-d5	8.56	128	2753m	1.07	ng/ul	0.03
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	9.87	165	5500m	1.02	ng/ul	0.10
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.47	166	23797	1.41	ng/ul	0.02
47) Acenaphthylene-d8	13.72	160	25866	1.30	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.03	176	23512	1.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	16.87	188	35931	1.62	ng/ul	0.00
79) Pyrene-d10	19.19	212	42327	1.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	44171	1.71	ng/ul	0.00

Target Compounds

					Ovalue
70) Phenanthrene	16.82	178	47399	1.719 ng/ul	98
72) Anthracene	16.92	178	1122715	39.832 ng/ul	99
75) Carbazole	17.20	167	127819	5.149 ng/ul	98
77) Fluoranthene	18.86	202	74499	2.307 ng/ul	96
80) Pyrene	19.22	202	124922	3.693 ng/ul	99
83) Benzo(a)anthracene	20.99	228	99645	3.090 ng/ul	96
85) Chrysene	21.03	228	131679m	4.148 ng/ul	
88) Benzo(b)fluoranthene	22.49	252	501194	14.916 ng/ul	100
89) Benzo(k)fluoranthene	22.52	252	111283	3.498 ng/ul	98
91) Benzo(a)pyrene	23.01	252	220646	7.301 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.13	276	161741	4.508 ng/ul	94
93) Dibenzo(a,h)anthracene	25.14	278	42317	1.379 ng/ul#	81
94) Benzo(g,h,i)perylene	25.76	276	97290	3.234 ng/ul	97

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



#70

Phenanthrene

Concen: 1.719 ng/ul

RT: 16.82 min Scan# 2352

Delta R.T. -0.01 min

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Instrument :

BNA_N

ClientSampleId :

DBDM1DL

Tot Ion:178 Resp: 47399

Ion Ratio Lower Upper

178 100

179 14.8 12.5 18.7

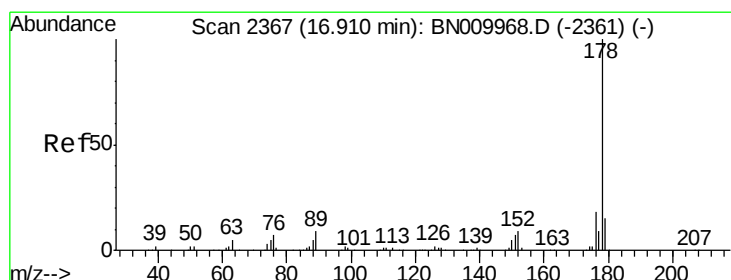
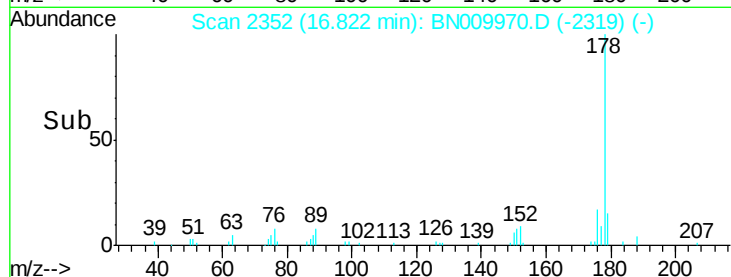
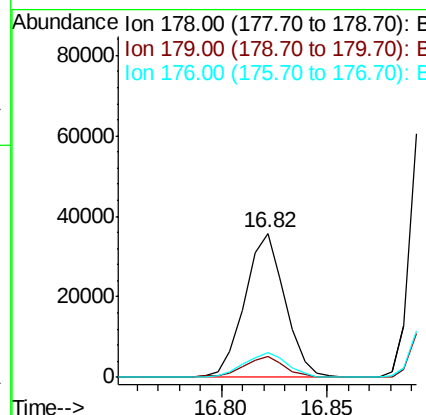
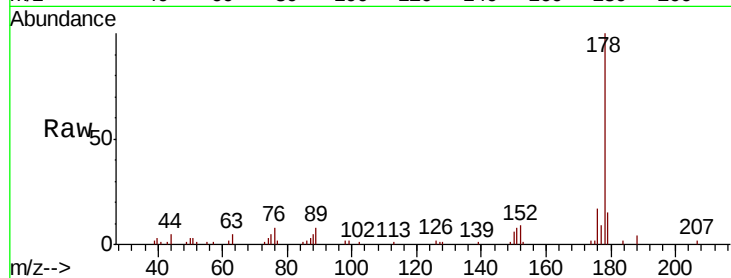
176 17.0 14.6 22.0

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#72

Anthracene

Concen: 39.832 ng/ul

RT: 16.92 min Scan# 2368

Delta R.T. 0.00 min

Lab File: BN009970.D

Acq: 27 Feb 2020 18:53

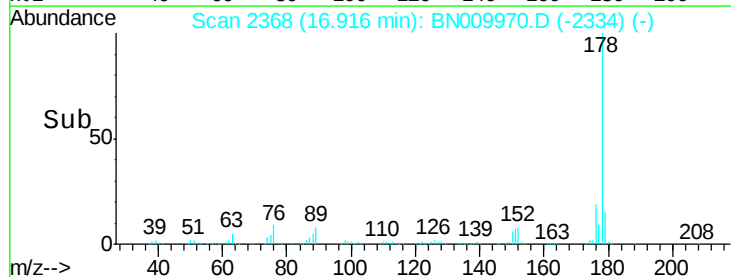
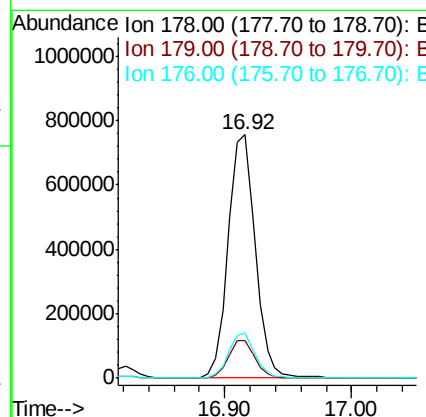
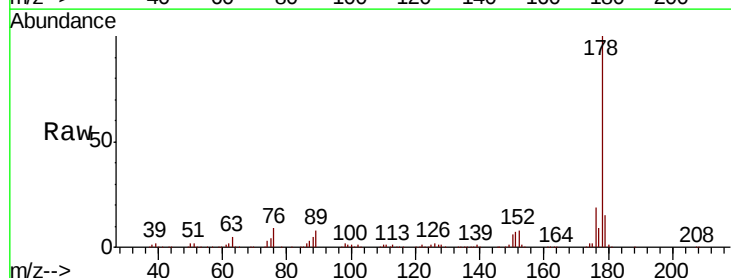
Tgt Ion:178 Resp: 1122715

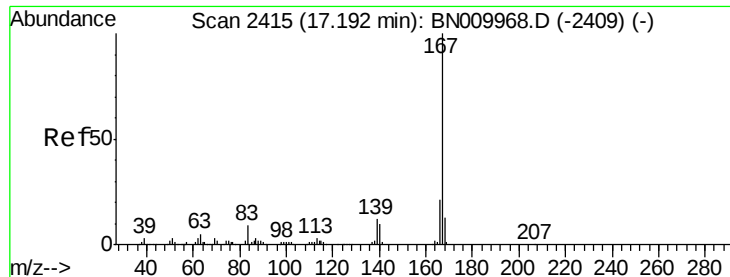
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 18.6 14.6 21.8





#75

Carbazole

Concen: 5.149 ng/ul

RT: 17.20 min Scan# 2416

Delta R.T. 0.00 min

Lab File: BN009970.D

Acq: 27 Feb 2020 18:53

Instrument :

BNA_N

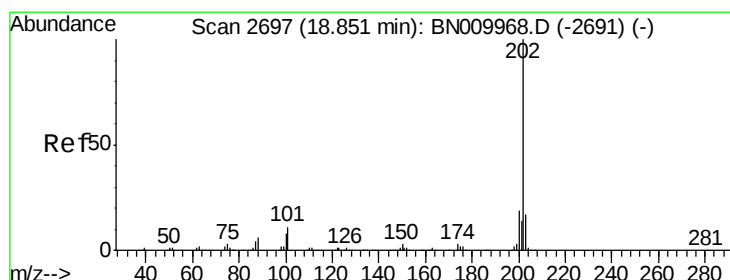
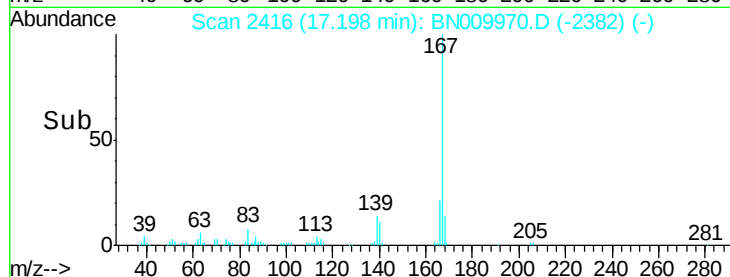
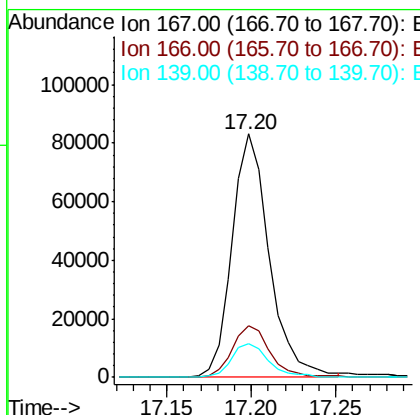
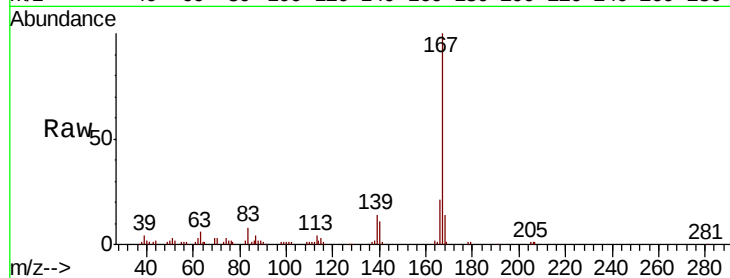
ClientSampleId :

DBDM1DL

Tot Ion:	167	Resp:	127819
Ion Ratio	Lower	Upper	
167	100		
166	21.1	16.6	24.8
139	14.1	9.9	14.9

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#77

Fluoranthene

Concen: 2.307 ng/ul

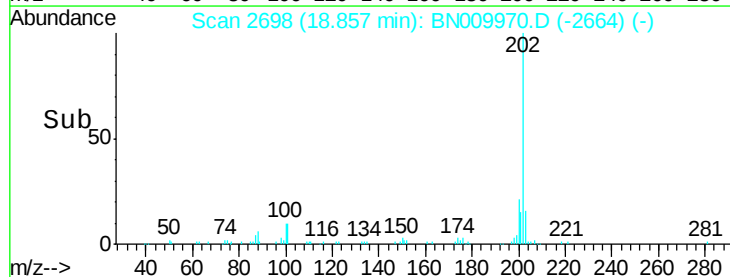
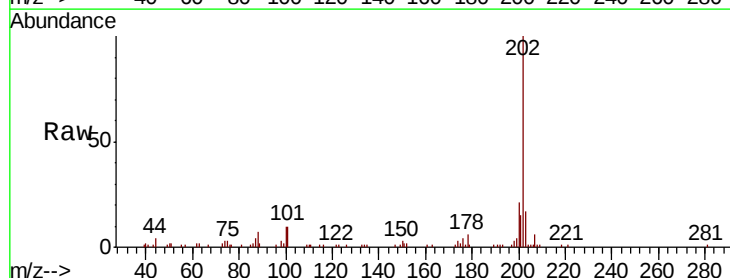
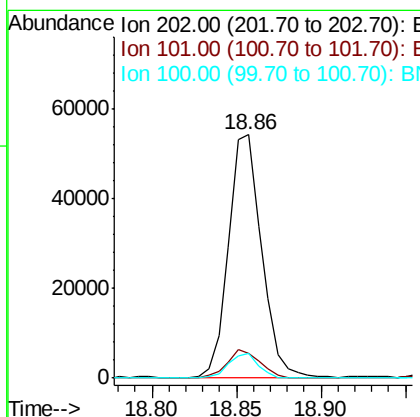
RT: 18.86 min Scan# 2698

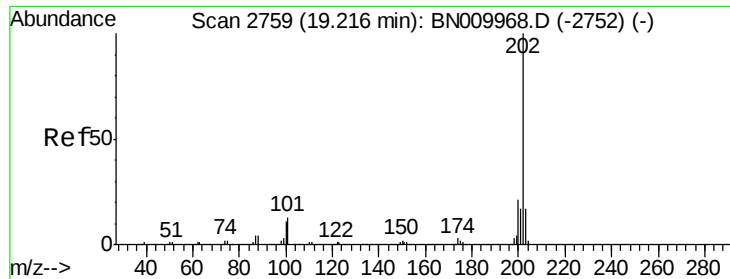
Delta R.T. 0.00 min

Lab File: BN009970.D

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Tgt Ion:	202	Resp:	74499
Ion Ratio	Lower	Upper	
202	100		
101	9.9	9.4	14.2
100	10.0	7.2	10.8





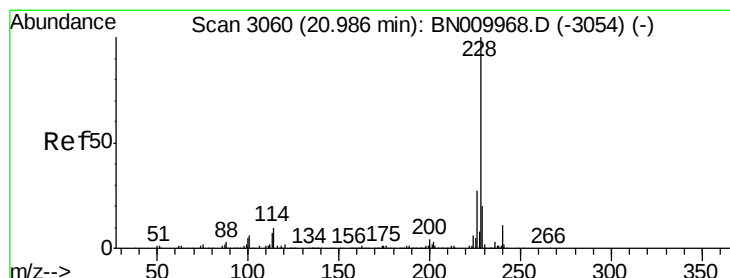
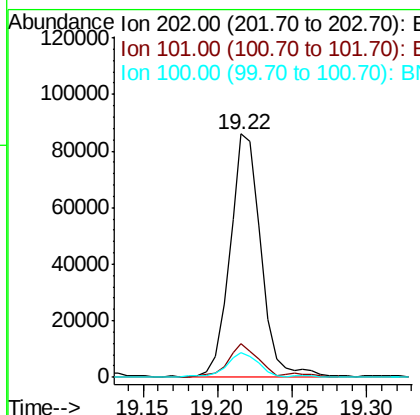
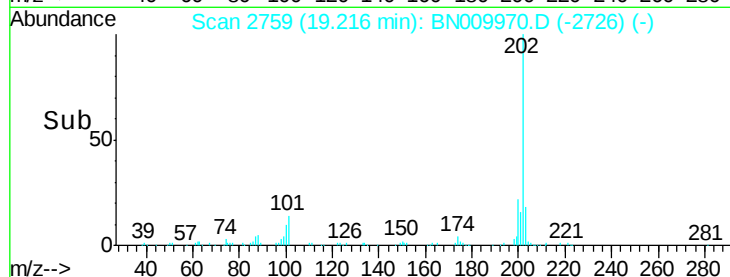
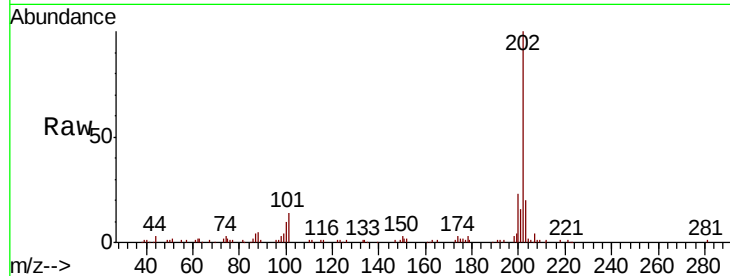
#80
Pvrene
Concen: 3.693 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. -0.01 min
Lab File: BN009970.D
Acq: 27 Feb 2020 18:53

Instrument :
BNA_N
ClientSampleId :
DBDM1DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.3	16.9
100	10.2	9.0	13.6

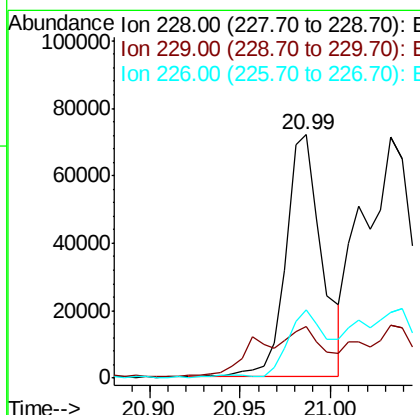
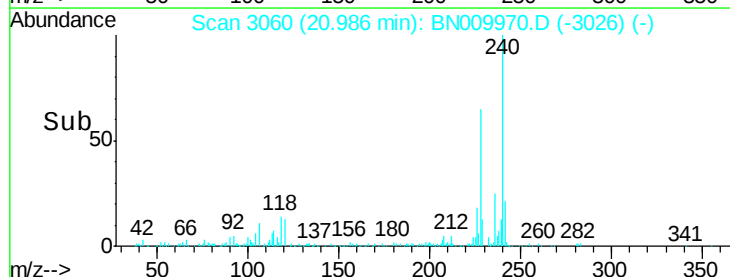
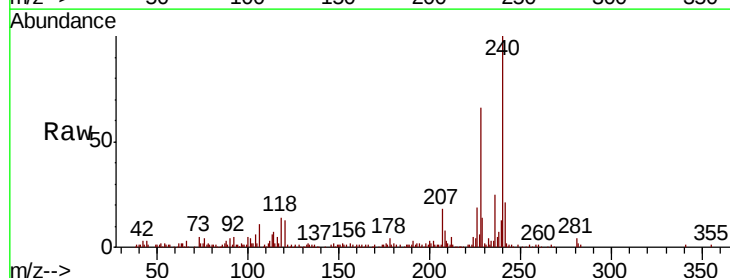
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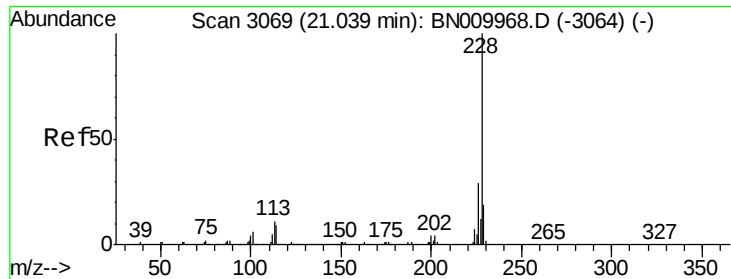
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#83
Benzo(a)anthracene
Concen: 3.090 ng/ul
RT: 20.99 min Scan# 3060
Delta R.T. 0.00 min
Lab File: BN009970.D
Acq: 27 Feb 2020 18:53

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.0	22.4
226	28.3	21.4	32.2





#85

Chrysene

Concen: 4.148 ng/ul m

RT: 21.03 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN009970.D

Acq: 27 Feb 2020 18:53

Instrument :

BNA_N

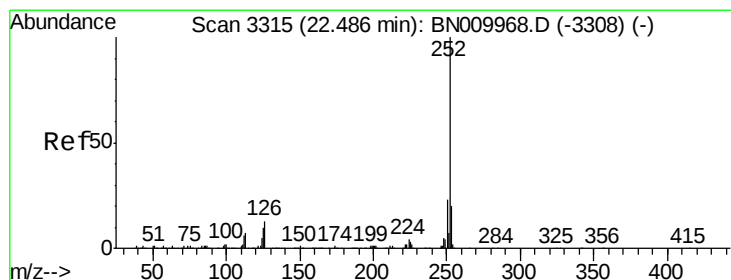
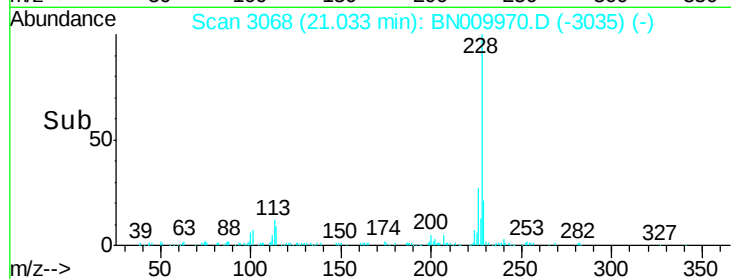
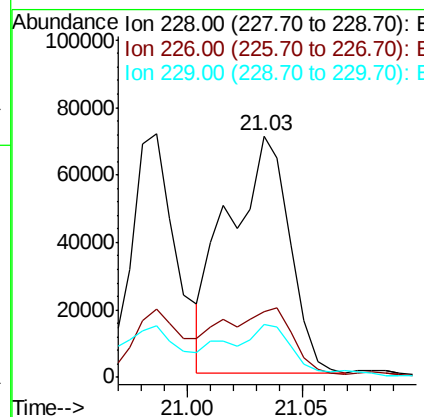
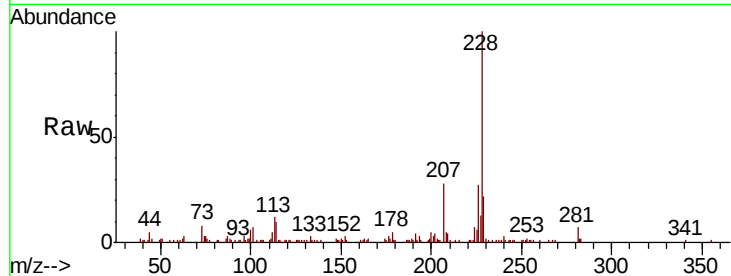
ClientSampled :

DBDM1DL

Tot Ion:	228	Resp:	131679
Ion Ratio	Lower	Upper	
228	100		
226	27.1	23.4	35.2
229	21.8	15.0	22.4

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#88

Benzo(b)fluoranthene

Concen: 14.916 ng/ul

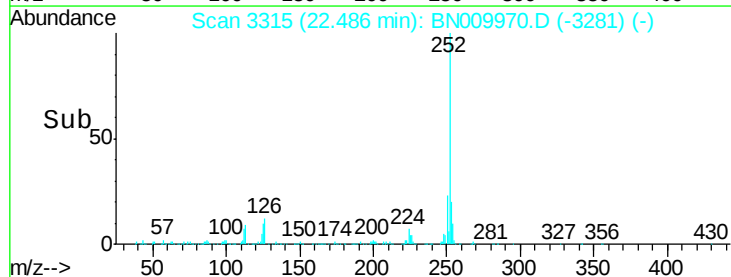
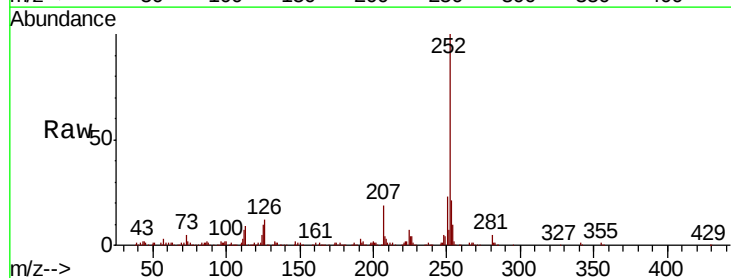
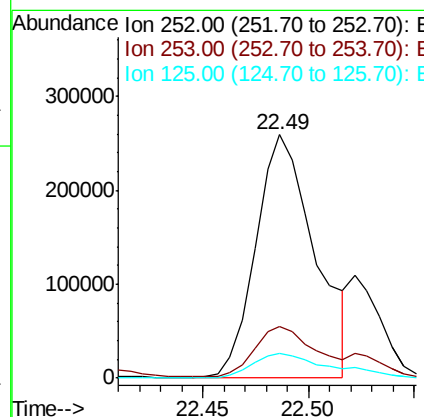
RT: 22.49 min Scan# 3315

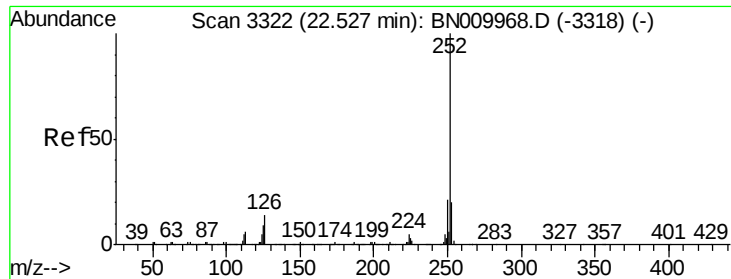
Delta R.T. 0.00 min

Lab File: BN009970.D

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Tgt Ion:	252	Resp:	501194
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.0	25.4
125	10.3	8.0	12.0





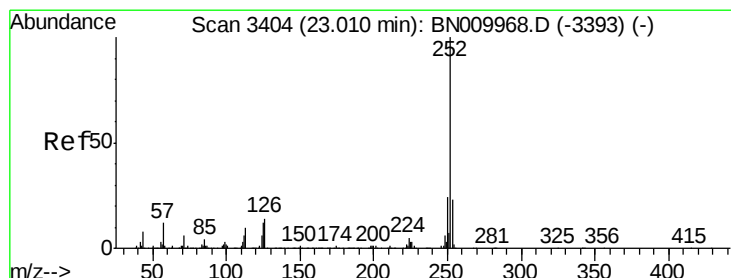
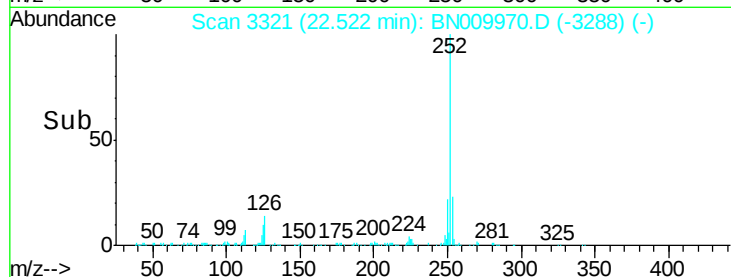
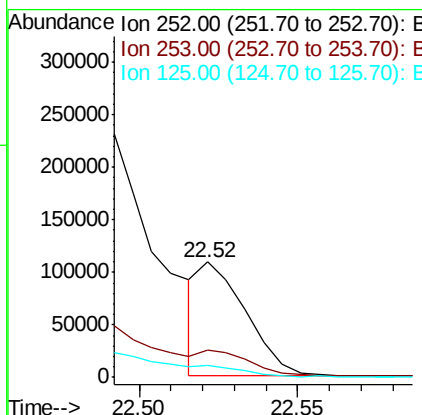
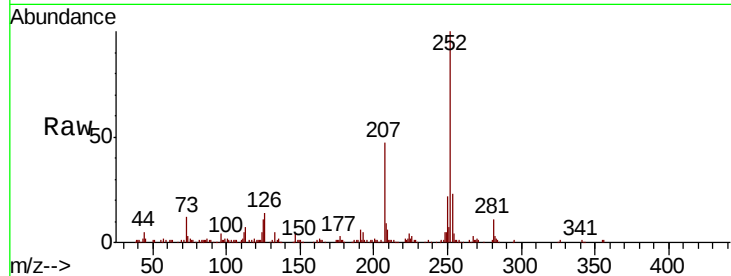
#89
Benzo(k)fluoranthene
Concen: 3.498 ng/ul
RT: 22.52 min Scan# 3321
Delta R.T. -0.01 min
Lab File: BN009970.D
Acq: 27 Feb 2020 18:53

Instrument :
BNA_N
ClientSampled :
DBDM1DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	10.5	8.2	12.2

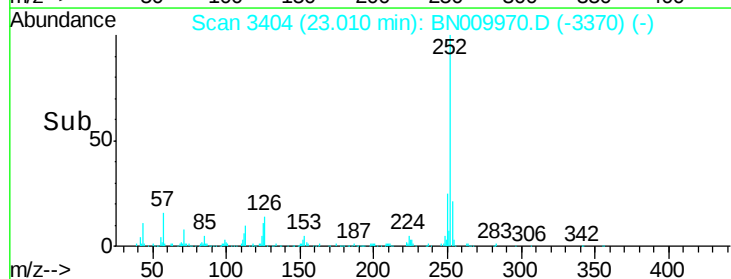
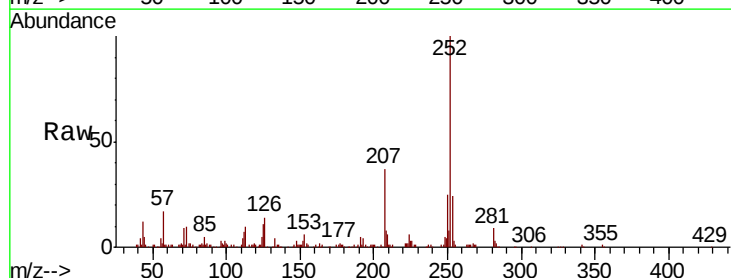
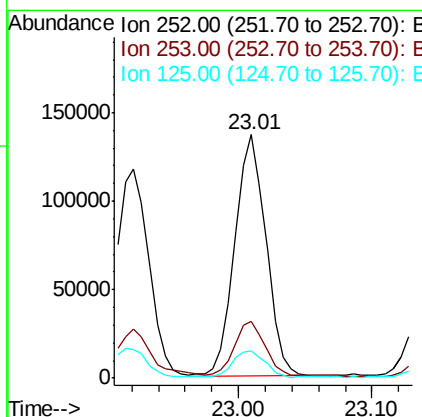
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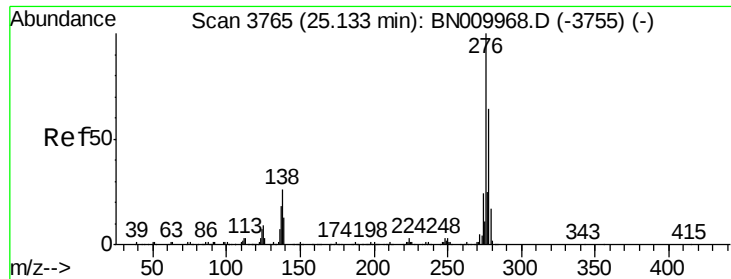
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#91
Benzo(a)pyrene
Concen: 7.301 ng/ul
RT: 23.01 min Scan# 3404
Delta R.T. 0.00 min
Lab File: BN009970.D
Acq: 27 Feb 2020 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	11.1	9.0	13.6





#92

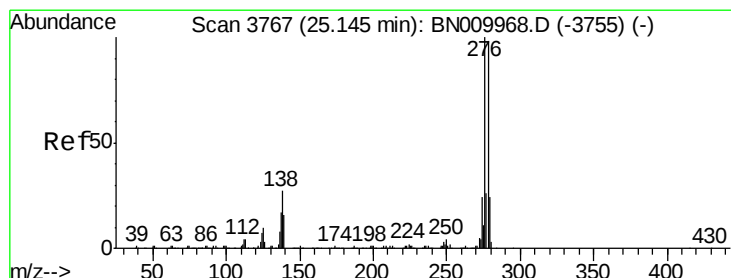
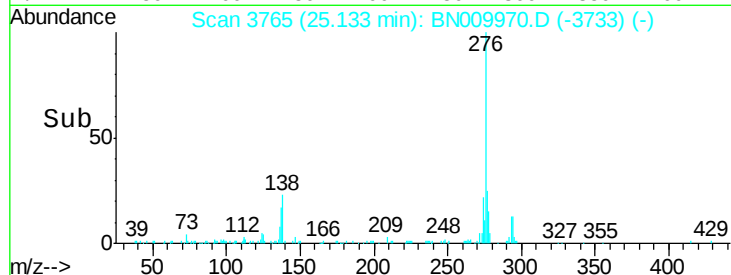
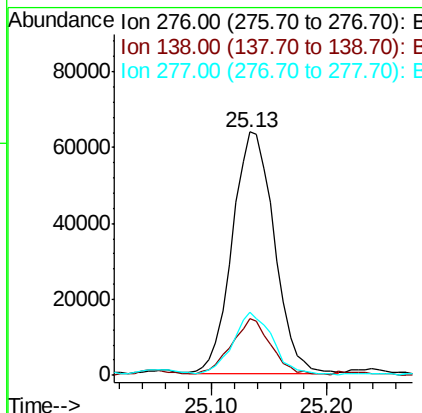
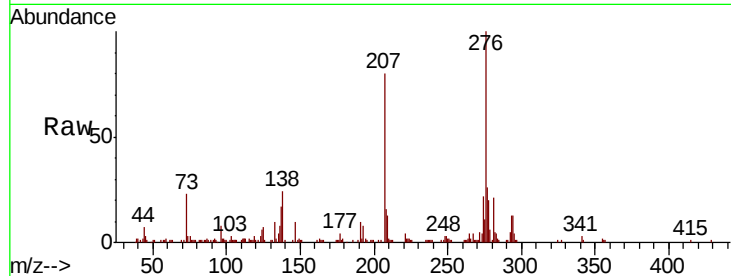
Indeno(1,2,3-cd)pyrene
Concen: 4.508 ng/uL
RT: 25.13 min Scan# 3765
Delta R.T. -0.01 min
Lab File: BN009970.D
Acq: 27 Feb 2020 18:53

Instrument :
BNA_N
ClientSampleId :
DBDM1DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	20.9	31.3
277	25.8	18.2	27.4

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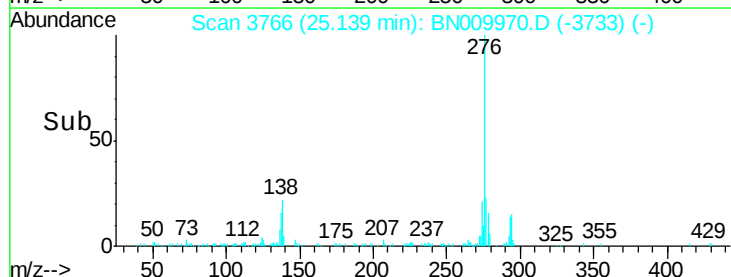
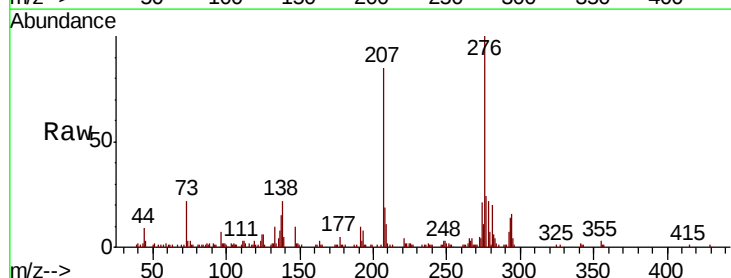
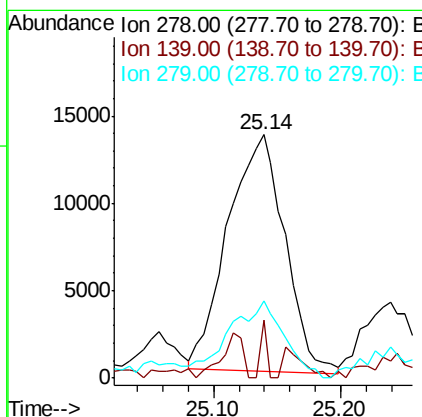
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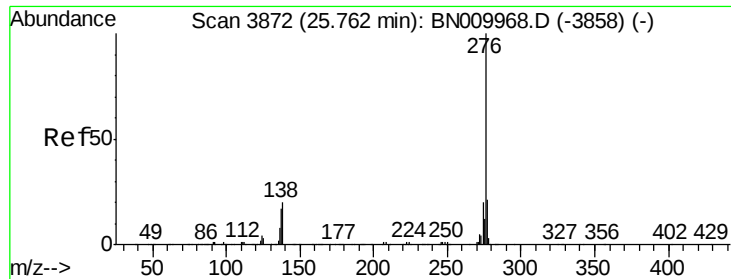


#93

Dibenzo(a,h)anthracene
Concen: 1.379 ng/uL
RT: 25.14 min Scan# 3766
Delta R.T. -0.01 min
Lab File: BN009970.D
Acq: 27 Feb 2020 18:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.0	13.0	19.4#
279	31.5	17.5	26.3#





#94
 Benzo(a,h,i)perylene
 Concen: 3.234 ng/ul
 RT: 25.76 min Scan# 3871
 Delta R.T. -0.01 min
 Lab File: BN009970.D
 Acq: 27 Feb 2020 18:53

Instrument :
 BNA_N
 ClientSampleId :
 DBDM1DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	17.5	26.3
277	25.6	18.1	27.1

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