

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
 Data File : BN009829.D
 Acq On : 22 Feb 2020 04:39
 Operator : CG/JU
 Sample : L1535-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6R0

Manual Integrations
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Quant Time: Feb 22 05:50:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 21 22:14:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	112490	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	477054	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	304640	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	644532	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	587152	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	649156	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	3461	1.27	ng/uL	-0.01
5) Phenol-d5	6.60	99	60156	6.29	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	49593	7.51	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.93	132	50548	7.02	ng/ul	-0.02
13) 4-Methylphenol-d8	8.11	113	41787	5.49	ng/ul	-0.02
19) Nitrobenzene-d5	8.55	128	24488	7.02	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.25	143	24169	6.33	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.79	165	43341	5.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	58459	7.09	ng/ul	-0.01
44) Dimethylphthalate-d6	13.46	166	179001	7.87	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	194309	7.25	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.30	143	14497m	3.49	ng/ul	0.00
58) Fluorene-d10	15.04	176	151750	7.72	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.20	200	13968	3.49	ng/ul	0.00
71) Anthracene-d10	16.89	188	224057	7.58	ng/ul	-0.02
79) Pyrene-d10	19.19	212	271088	8.83	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	266113	8.21	ng/ul	-0.03

Target Compounds

					Ovalue
70) Phenanthrene	16.83	178	136142	3.701	ng/ul 98
77) Fluoranthene	18.86	202	193706	4.496	ng/ul 99
80) Pyrene	19.22	202	170668	4.032	ng/ul 99
83) Benzo(a)anthracene	20.99	228	89579	2.220	ng/ul 96
85) Chrysene	21.04	228	96510	2.430	ng/ul 97
88) Benzo(b)fluoranthene	22.49	252	122751	2.916	ng/ul 93
91) Benzo(a)pyrene	23.02	252	77576	2.049	ng/ul# 97
92) Indeno(1,2,3-cd)pyrene	25.14	276	54491	1.212	ng/ul 93
94) Benzo(a,h,i)perylene	25.76	276	47304	1.255	ng/ul 92

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

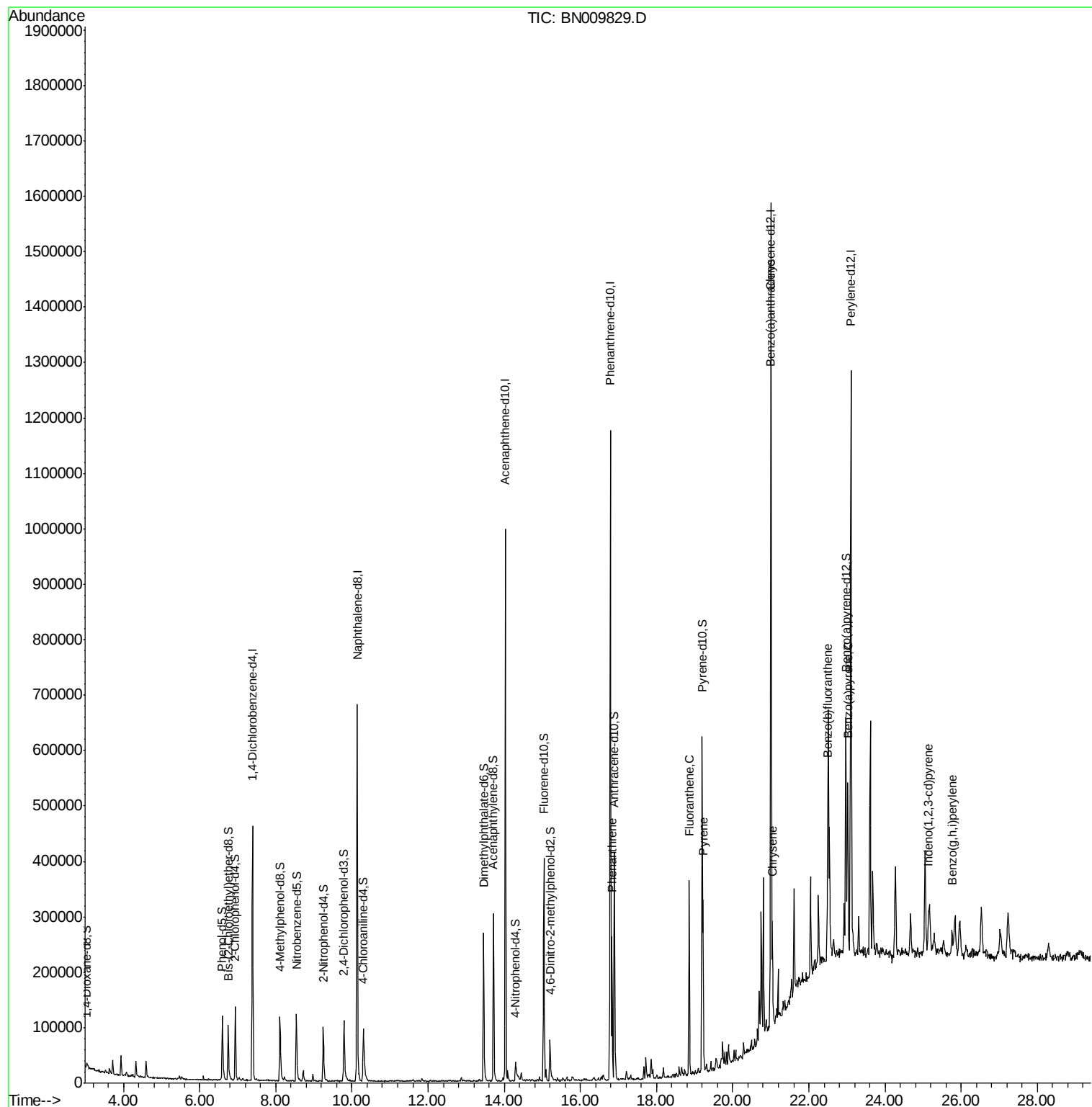
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
Data File : BN009829.D
Acq On : 22 Feb 2020 04:39
Operator : CG/JU
Sample : L1535-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

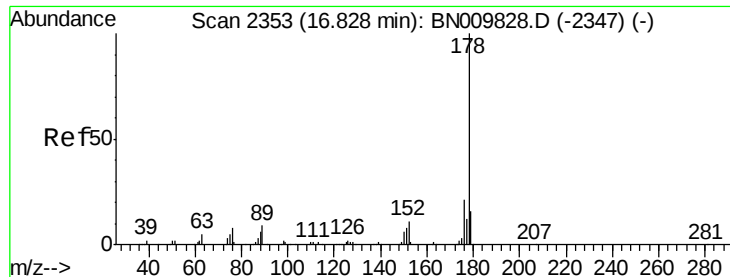
Instrument :
BNA_N
ClientSampleId :
CB6R0

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Quant Time: Feb 22 05:50:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 22:14:17 2020
Response via : Initial Calibration





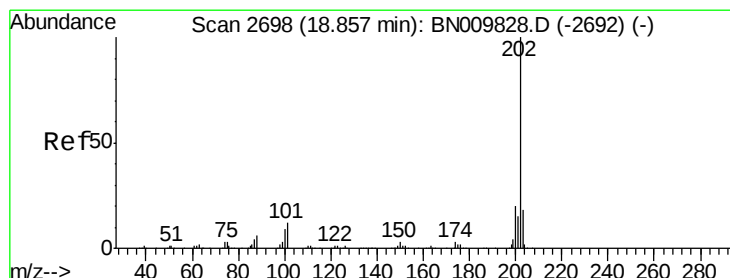
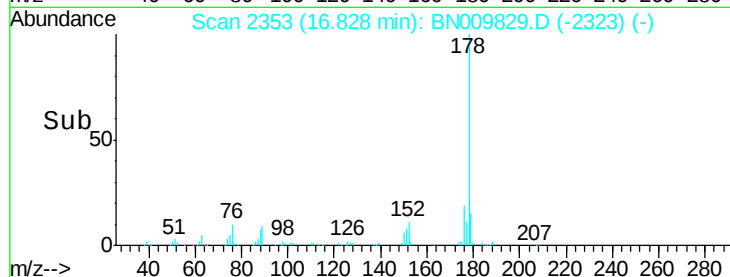
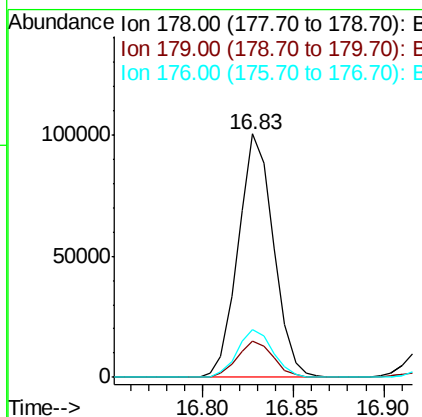
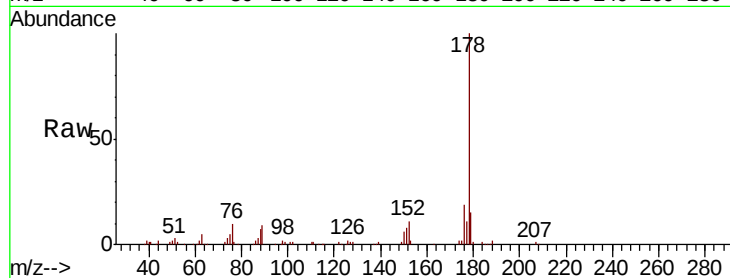
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Phenanthrene
Concen: 3.701 ng/ul
RT: 16.83 min Scan# 2353
Delta R.T. -0.02 min
Lab File: BN009829.D
Acq: 22 Feb 2020 04:39

Instrument :
BNA_N
ClientSampleId :
CB6R0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.5	18.7
176	19.4	14.6	22.0

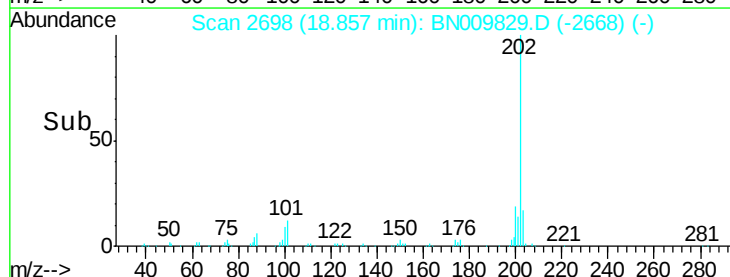
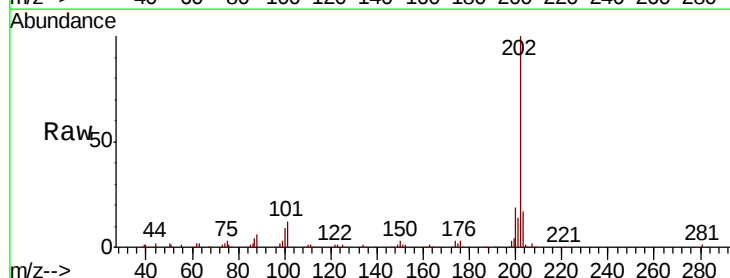
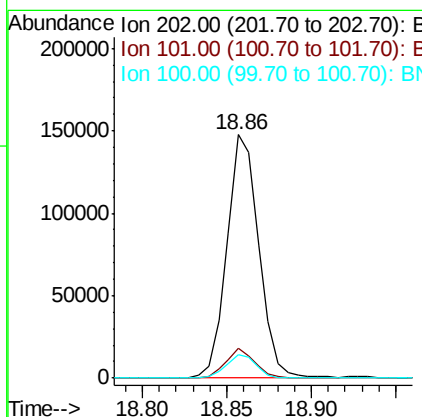
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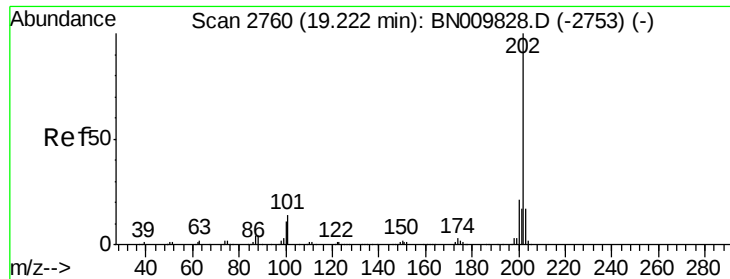
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#77
Fluoranthene
Concen: 4.496 ng/ul
RT: 18.86 min Scan# 2698
Delta R.T. -0.02 min
Lab File: BN009829.D
Acq: 22 Feb 2020 04:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.4	14.2
100	9.4	7.2	10.8





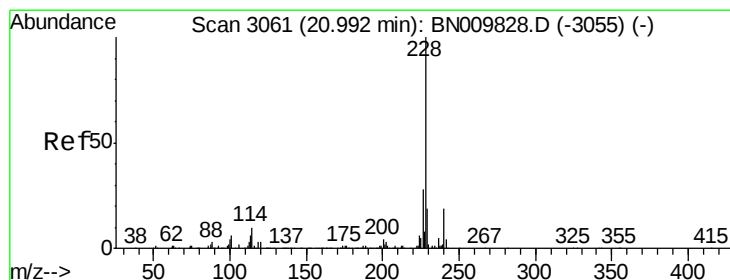
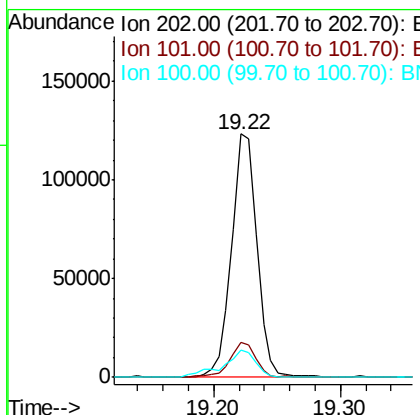
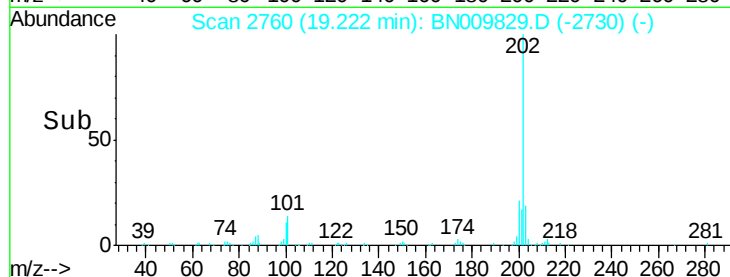
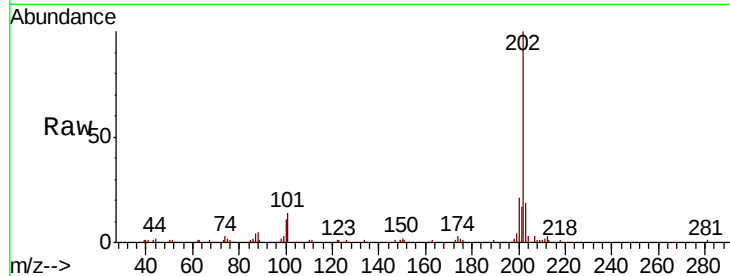
#80
Pvrene
Concen: 4.032 ng/ul
RT: 19.22 min Scan# 2760
Delta R.T. -0.02 min
Lab File: BN009829.D
Acq: 22 Feb 2020 04:39

Instrument :
BNA_N
ClientSampleId :
CB6R0

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.3	16.9
100	11.0	9.0	13.6

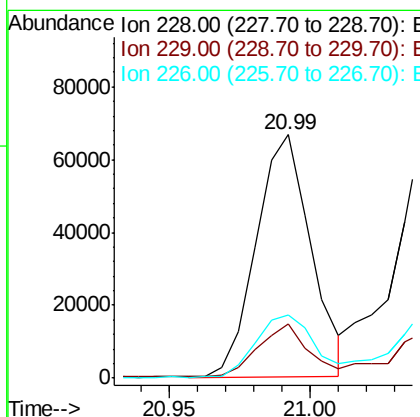
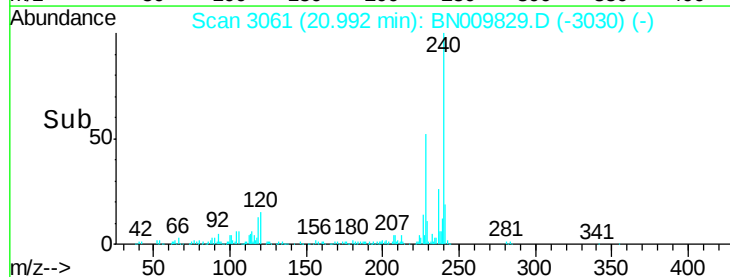
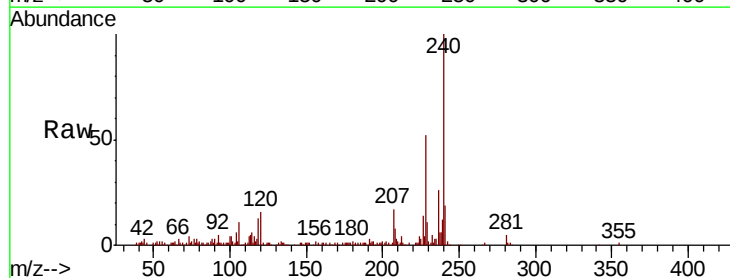
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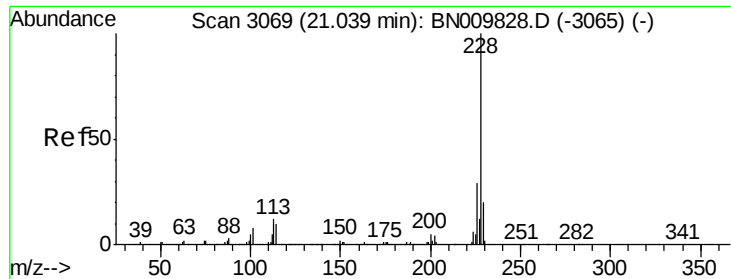
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#83
Benzo(a)anthracene
Concen: 2.220 ng/ul
RT: 20.99 min Scan# 3061
Delta R.T. -0.02 min
Lab File: BN009829.D
Acq: 22 Feb 2020 04:39

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.0	22.4
226	26.1	21.4	32.2





#85

Chrysene

Concen: 2.430 ng/ul

RT: 21.04 min Scan# 3069

Delta R.T. -0.02 min

Lab File: BN009829.D

Acq: 22 Feb 2020 04:39

Instrument :

BNA_N

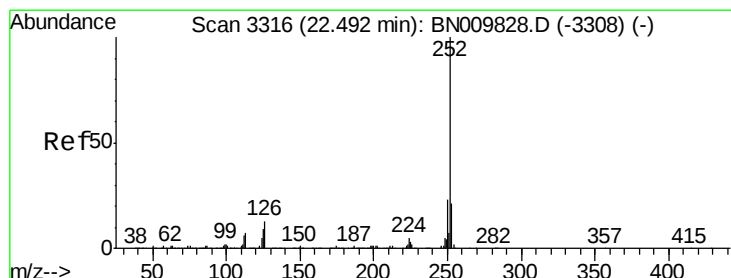
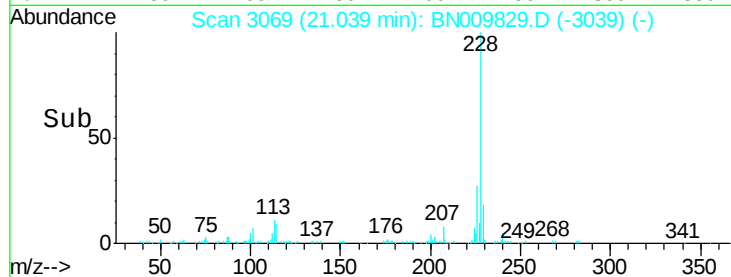
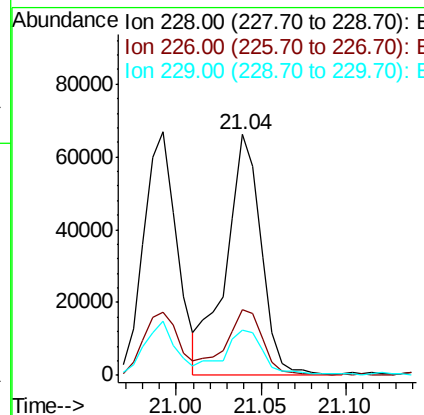
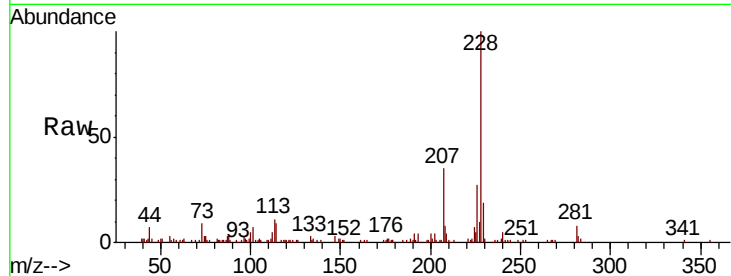
ClientSampleId :

CB6R0

Tot Ion:	228	Resp:	96510
Ion Ratio	Lower	Upper	
228	100		
226	27.1	23.4	35.2
229	18.8	15.0	22.4

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#88

Benzo(b)fluoranthene

Concen: 2.916 ng/ul

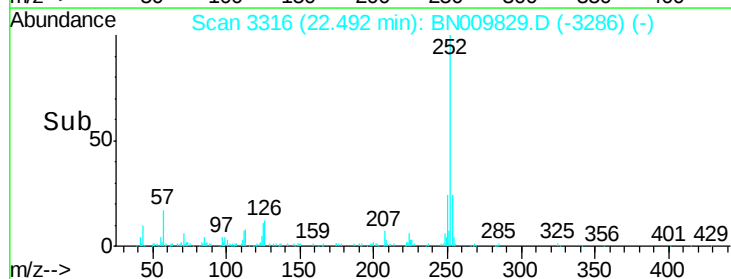
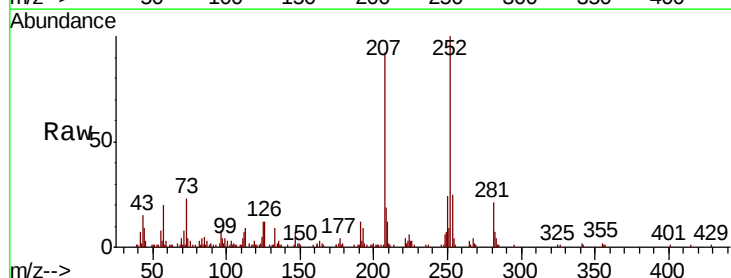
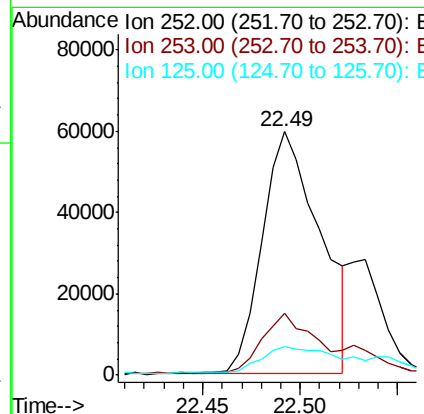
RT: 22.49 min Scan# 3316

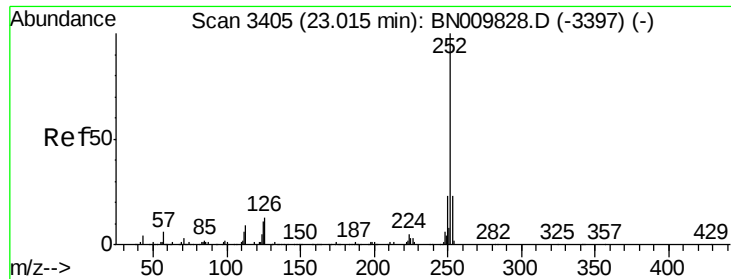
Delta R.T. -0.02 min

Lab File: BN009829.D

Acq: 22 Feb 2020 04:39

Tgt Ion:	252	Resp:	122751
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.0	25.4
125	11.6	8.0	12.0





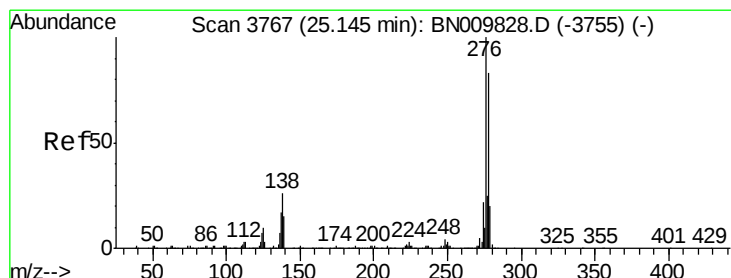
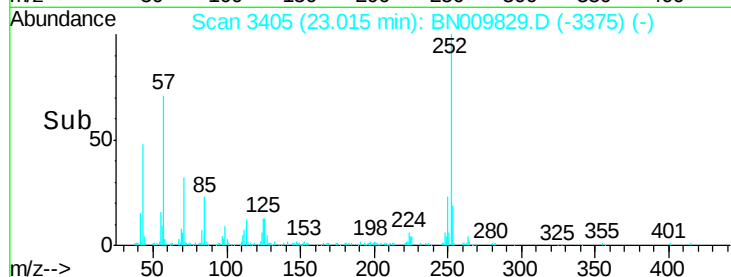
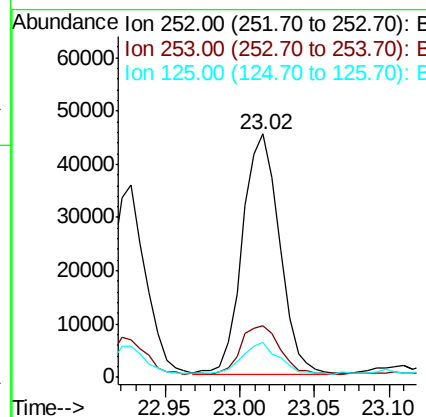
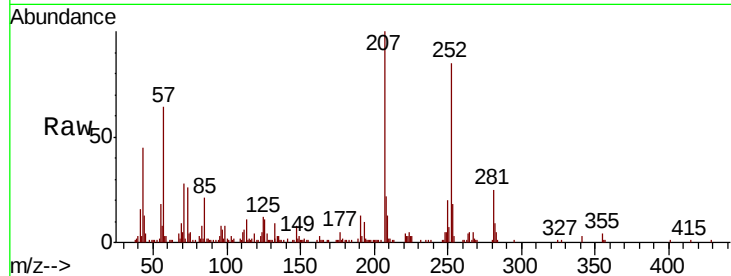
#91
Benzo(a)pyrene
Concen: 2.049 ng/ul
RT: 23.02 min Scan# 3405
Delta R.T. -0.02 min
Lab File: BN009829.D
Acq: 22 Feb 2020 04:39

Instrument :
BNA_N
ClientSampleId :
CB6R0

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.0
125	14.2	9.0	13.6

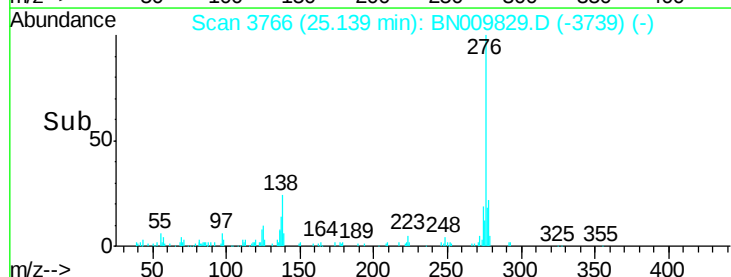
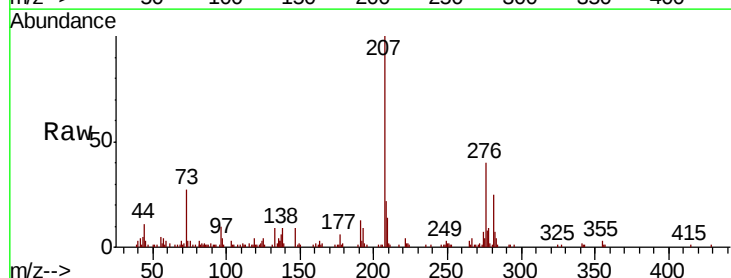
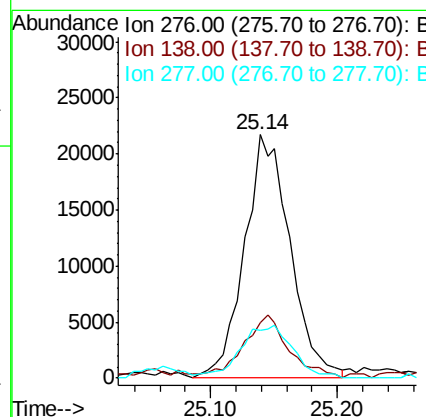
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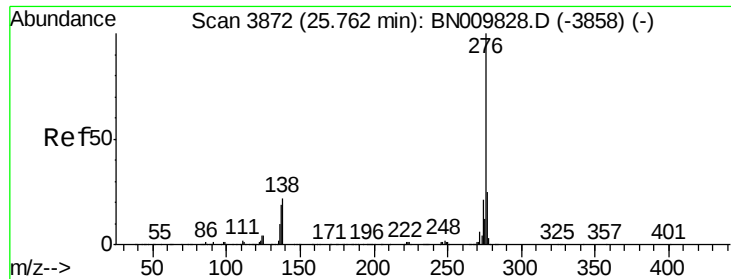
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.212 ng/ul
RT: 25.14 min Scan# 3766
Delta R.T. -0.04 min
Lab File: BN009829.D
Acq: 22 Feb 2020 04:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	20.9	31.3
277	19.5	18.2	27.4





#94
 Benzo(a,h,i)perylene
 Concen: 1.255 ng/ul
 RT: 25.76 min Scan# 3872
 Delta R.T. -0.04 min
 Lab File: BN009829.D
 Acq: 22 Feb 2020 04:39

Instrument :
 BNA_N
 ClientSampleId :
 CB6R0

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	17.5	26.3
277	18.8	18.1	27.1

Manual Integrations
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