

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
 Data File : BN009833.D
 Acq On : 22 Feb 2020 07:02
 Operator : CG/JU
 Sample : L1535-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6R4

Manual Integrations
 APPROVED

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Quant Time: Feb 24 00:48:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 04:46:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	136358	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	595973	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	375754	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	753570	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	649840	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	675204	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	5150m	1.55	ng/uL	-0.01
5) Phenol-d5	6.60	99	86290	7.44	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	63509	7.93	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.93	132	70276	8.05	ng/ul	-0.02
13) 4-Methylphenol-d8	8.11	113	58955	6.39	ng/ul	-0.02
19) Nitrobenzene-d5	8.54	128	30565	7.01	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.25	143	31305	6.56	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.79	165	65005	7.09	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	88032	8.54	ng/ul	-0.02
44) Dimethylphthalate-d6	13.46	166	224078	7.98	ng/ul	-0.02
47) Acenaphthylene-d8	13.72	160	270566	8.19	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.30	143	20085m	3.92	ng/ul	0.00
58) Fluorene-d10	15.03	176	202002	8.34	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.20	200	16548	3.53	ng/ul	-0.01
71) Anthracene-d10	16.89	188	289867	8.39	ng/ul	-0.02
79) Pyrene-d10	19.19	212	338884	9.98	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	318583	9.45	ng/ul	-0.03

Target Compounds

					Ovalue	
70) Phenanthrene	16.83	178	159608	3.711	ng/ul	99
77) Fluoranthene	18.86	202	243829	4.840	ng/ul	99
80) Pyrene	19.22	202	219155	4.678	ng/ul	98
83) Benzo(a)anthracene	20.99	228	112666	2.523	ng/ul	96
85) Chrysene	21.04	228	111974	2.547	ng/ul	99
88) Benzo(b)fluoranthene	22.49	252	146773	3.353	ng/ul#	95
89) Benzo(k)fluoranthene	22.53	252	42639	1.029	ng/ul#	94
91) Benzo(a)pyrene	23.01	252	89702	2.278	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.15	276	61158	1.308	ng/ul	93
94) Benzo(g,h,i)perylene	25.77	276	60605	1.546	ng/ul#	93

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

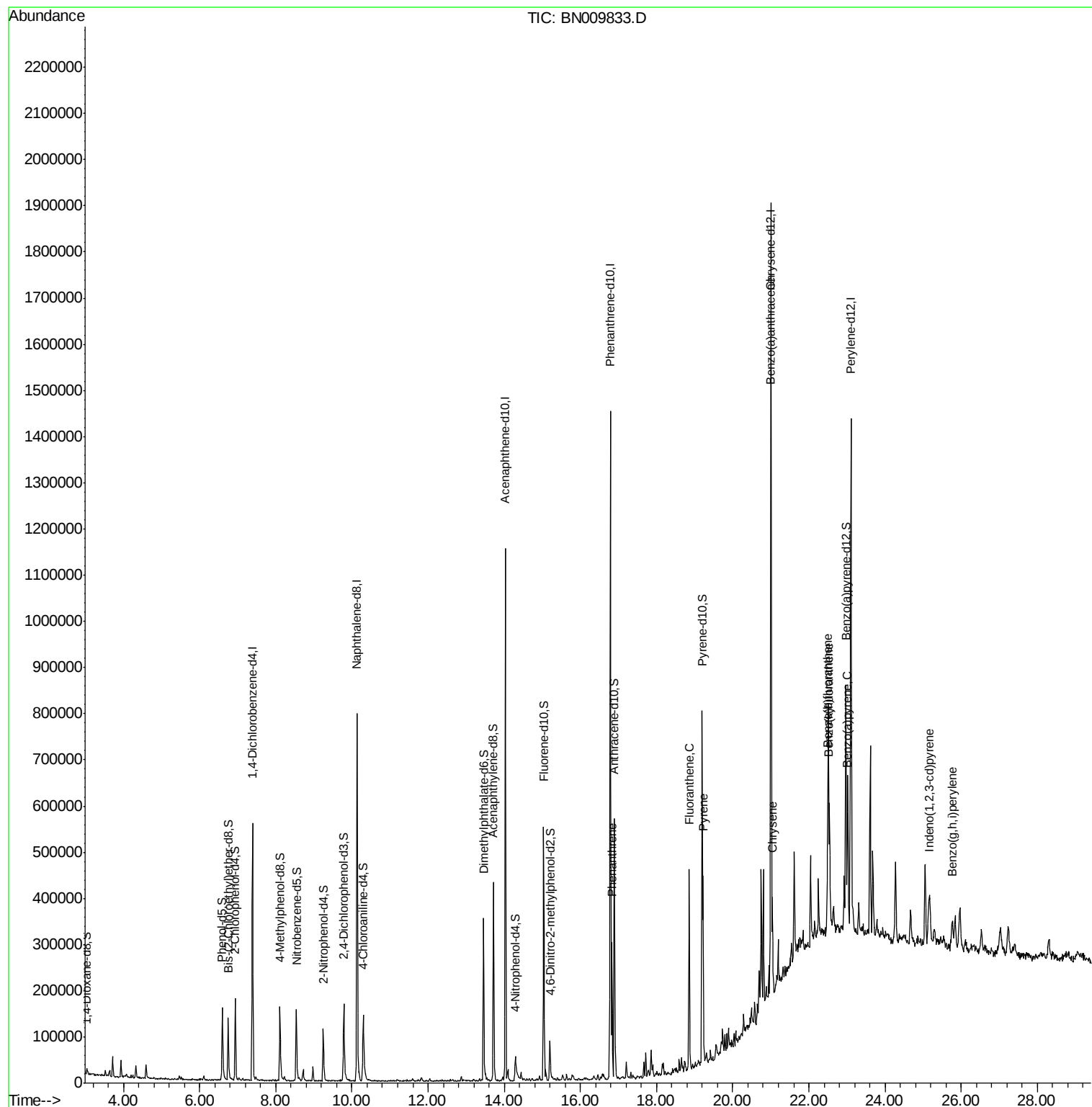
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
Data File : BN009833.D
Acq On : 22 Feb 2020 07:02
Operator : CG/JU
Sample : L1535-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

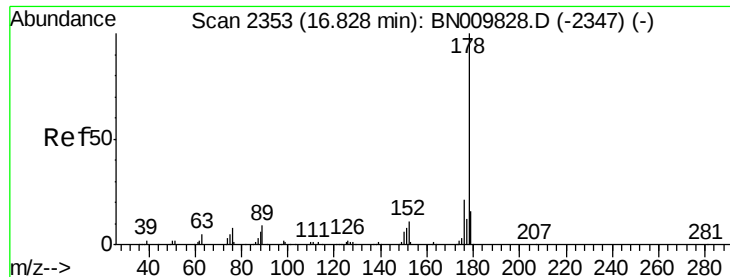
Instrument :
BNA_N
ClientSampleId :
CB6R4

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Quant Time: Feb 24 00:48:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
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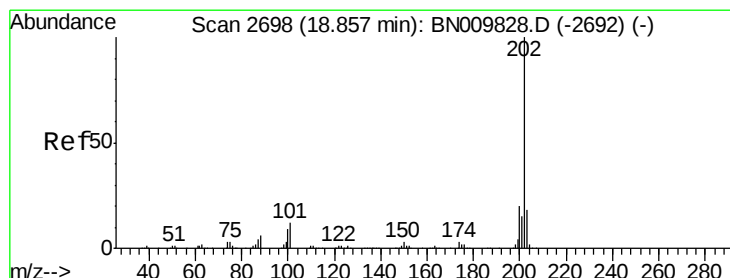
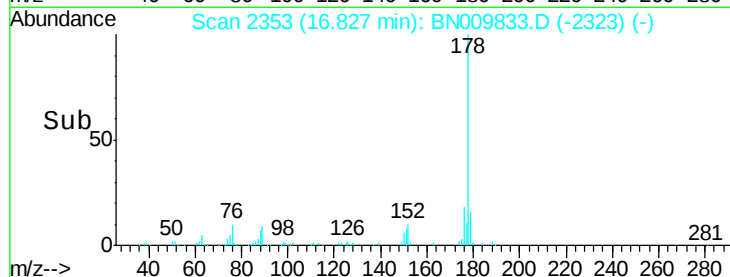
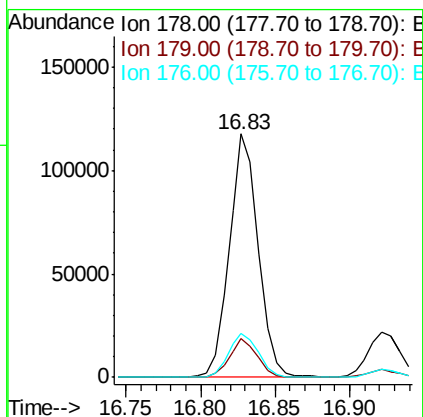
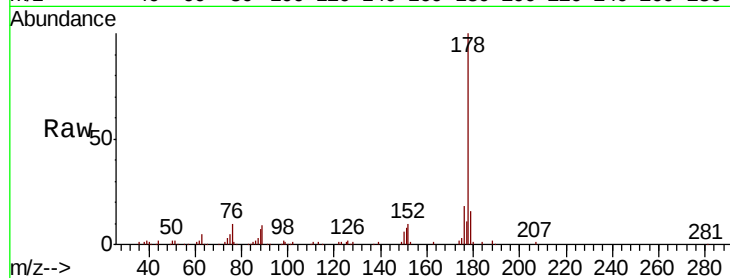
#70
Phenanthrene
Concen: 3.711 ng/ul
RT: 16.83 min Scan# 2353
Delta R.T. -0.02 min
Lab File: BN009833.D
Acq: 22 Feb 2020 07:02

Instrument :
BNA_N
ClientSampleId :
CB6R4

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.5	18.7
176	18.1	14.6	22.0

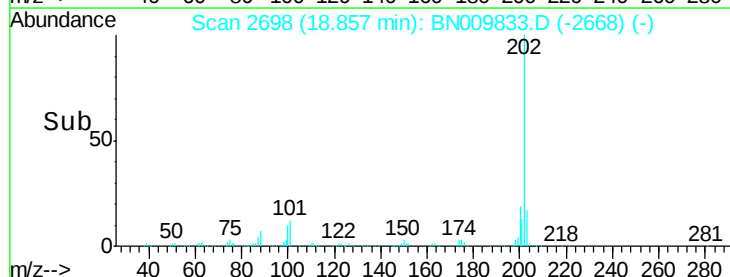
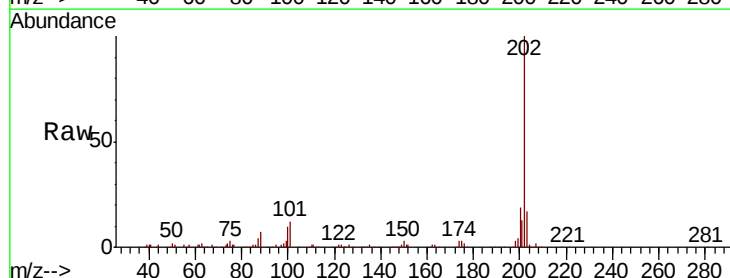
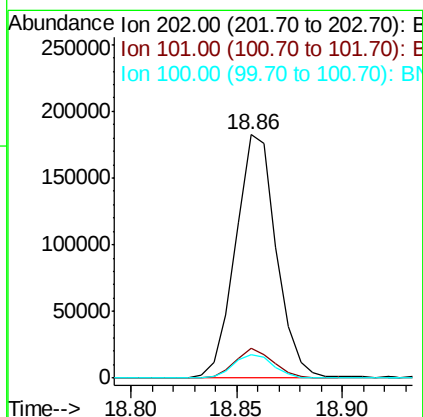
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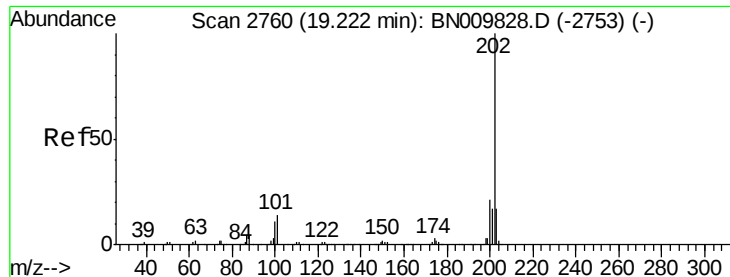
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#77
Fluoranthene
Concen: 4.840 ng/ul
RT: 18.86 min Scan# 2698
Delta R.T. -0.02 min
Lab File: BN009833.D
Acq: 22 Feb 2020 07:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.4	14.2
100	9.8	7.2	10.8





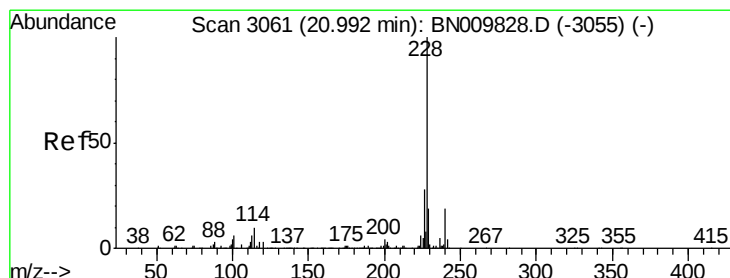
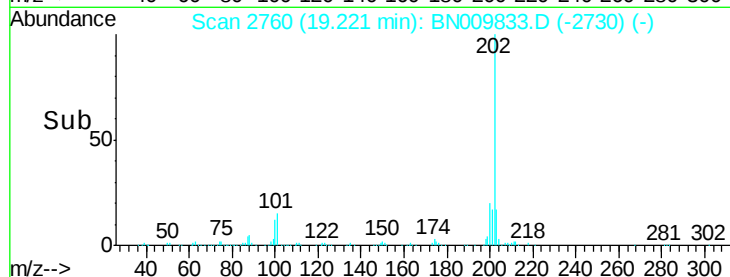
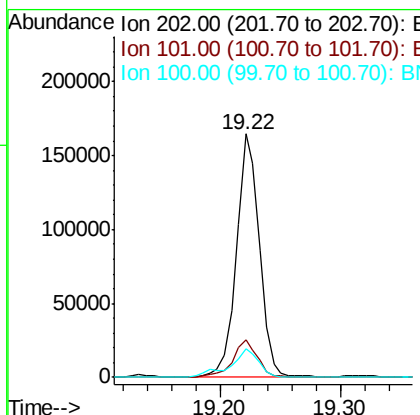
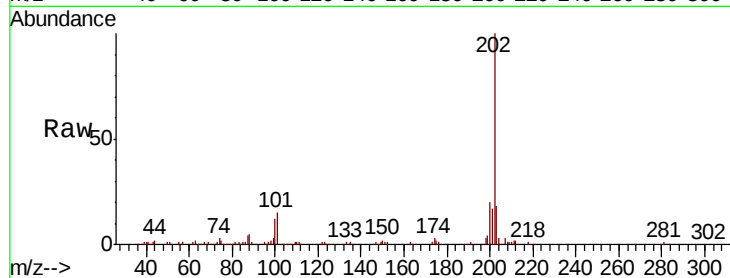
#80
Pvrene
Concen: 4.678 ng/ul
RT: 19.22 min Scan# 2760
Delta R.T. -0.02 min
Lab File: BN009833.D
Acq: 22 Feb 2020 07:02

Instrument :
BNA_N
ClientSampleId :
CB6R4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		219155		
101	15.4	11.3	16.9		
100	11.7	9.0	13.6		

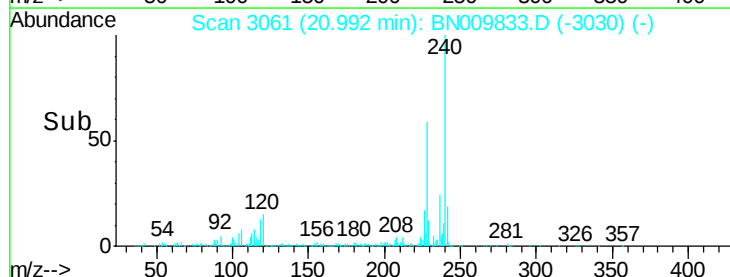
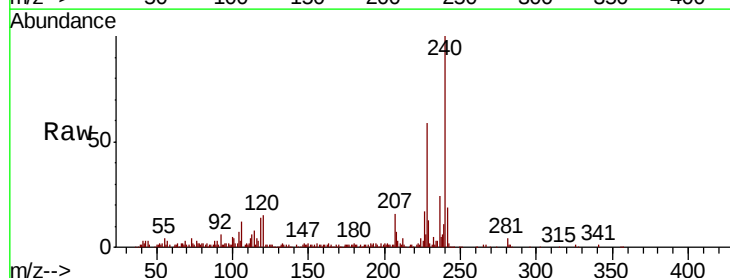
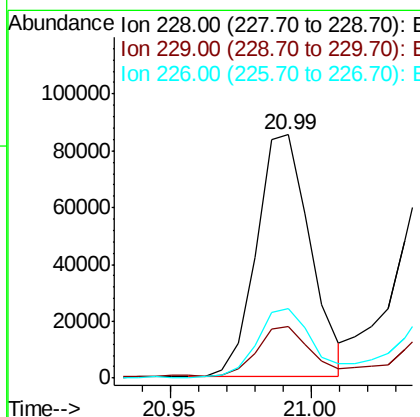
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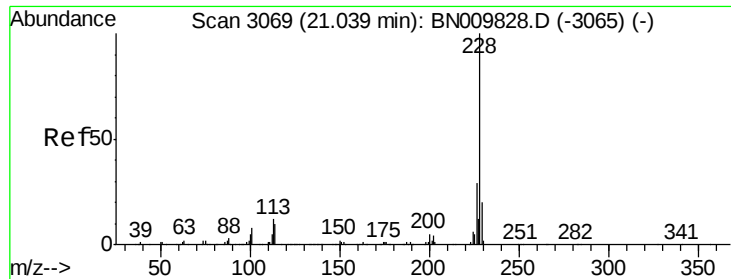
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#83
Benzo(a)anthracene
Concen: 2.523 ng/ul
RT: 20.99 min Scan# 3061
Delta R.T. -0.02 min
Lab File: BN009833.D
Acq: 22 Feb 2020 07:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		112666		
229	21.2	15.0	22.4		
226	28.5	21.4	32.2		





#85

Chrysene

Concen: 2.547 ng/ul

RT: 21.04 min Scan# 3070

Delta R.T. -0.02 min

Lab File: BN009833.D

Acq: 22 Feb 2020 07:02

Instrument :

BNA_N

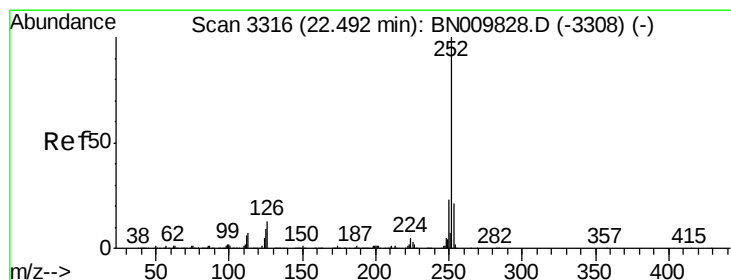
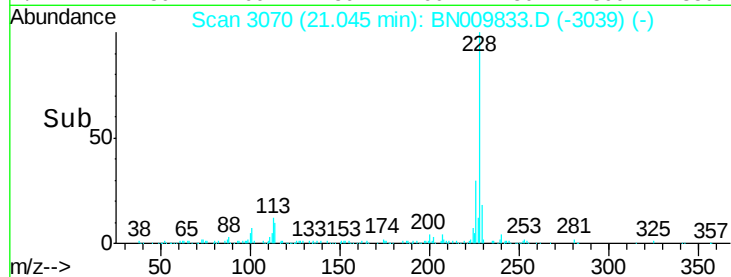
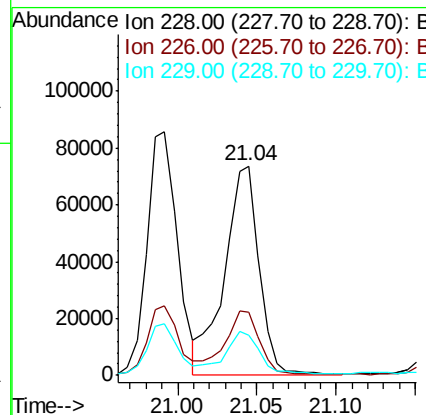
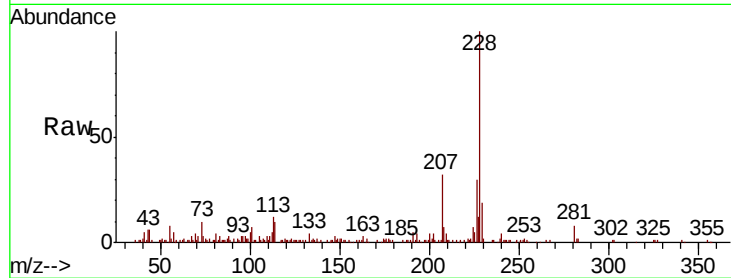
ClientSampleId :

CB6R4

Tot Ion:	228	Resp:	111974
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.4	35.2
229	19.3	15.0	22.4

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#88

Benzo(b)fluoranthene

Concen: 3.353 ng/ul

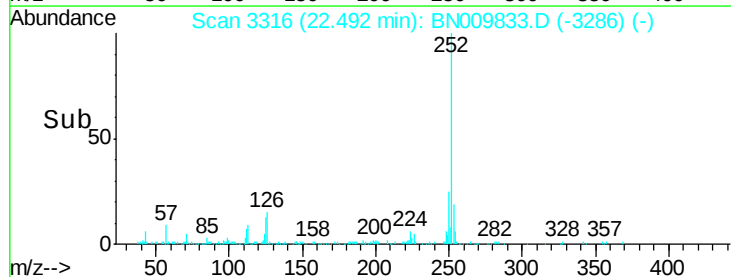
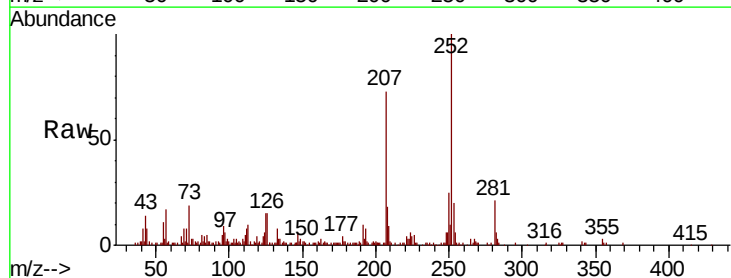
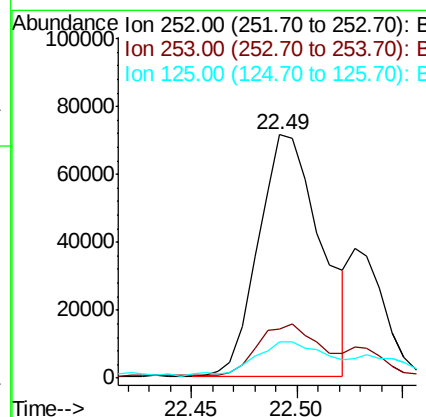
RT: 22.49 min Scan# 3316

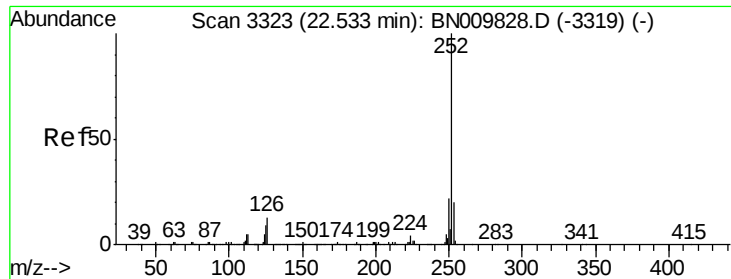
Delta R.T. -0.02 min

Lab File: BN009833.D

Acq: 22 Feb 2020 07:02

Tgt Ion:	252	Resp:	146773
Ion Ratio	Lower	Upper	
252	100		
253	20.2	17.0	25.4
125	14.7	8.0	12.0#





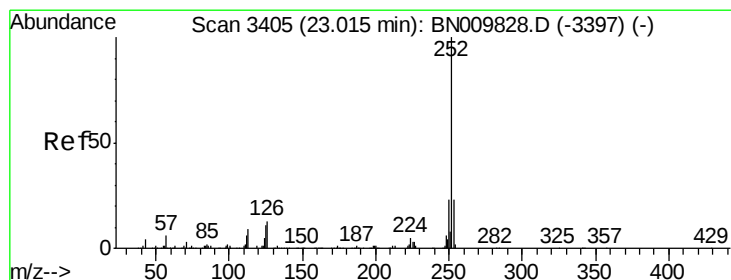
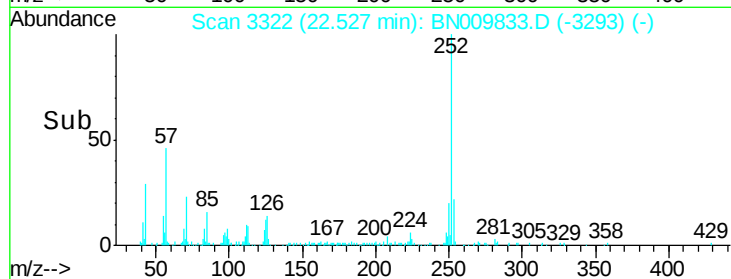
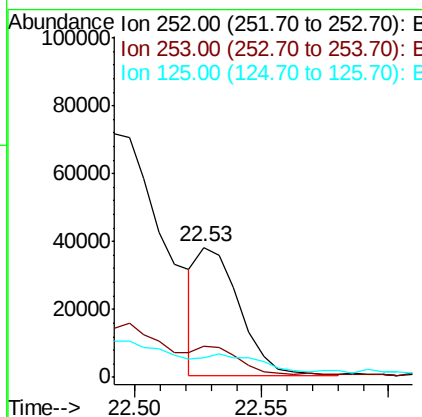
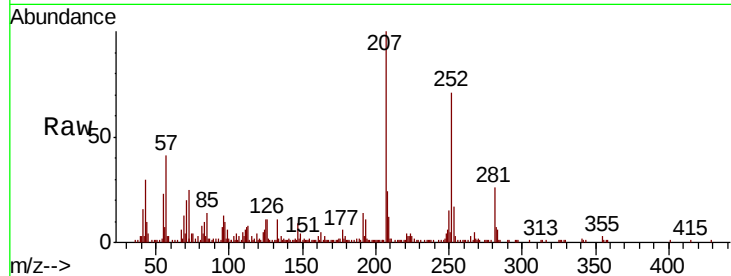
#89
Benzo(k)fluoranthene
Concen: 1.029 ng/ul
RT: 22.53 min Scan# 3322
Delta R.T. -0.03 min
Lab File: BN009833.D
Acq: 22 Feb 2020 07:02

Instrument :
BNA_N
ClientSampled :
CB6R4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	15.2	8.2	12.2

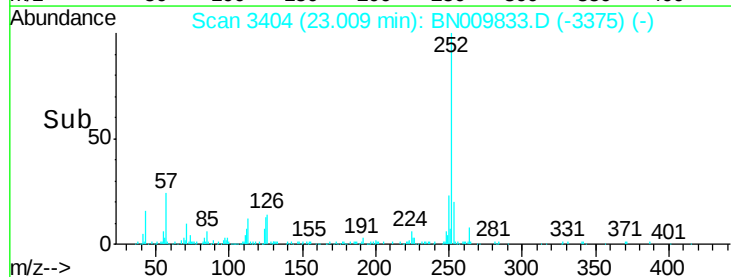
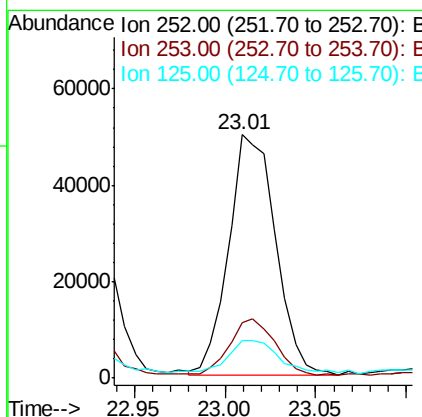
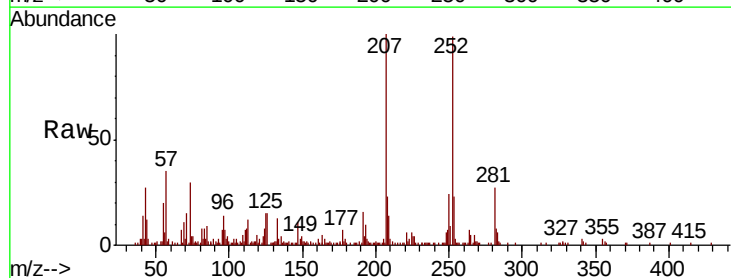
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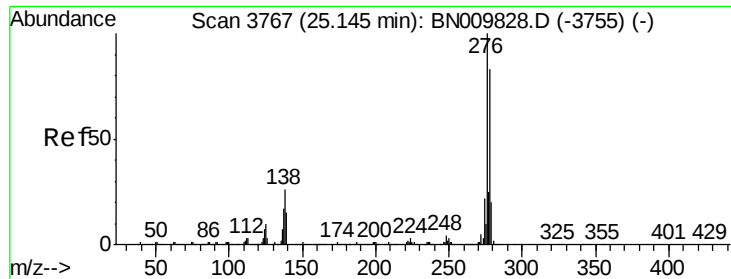
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#91
Benzo(a)pyrene
Concen: 2.278 ng/ul
RT: 23.01 min Scan# 3404
Delta R.T. -0.03 min
Lab File: BN009833.D
Acq: 22 Feb 2020 07:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	15.6	9.0	13.6





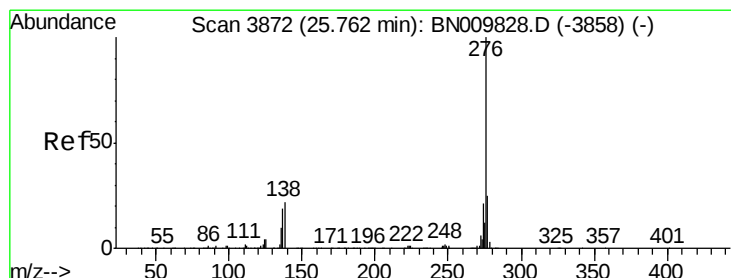
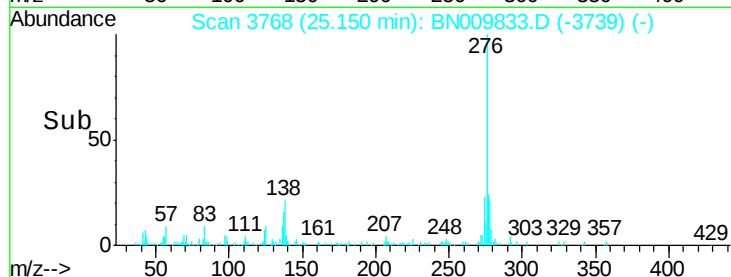
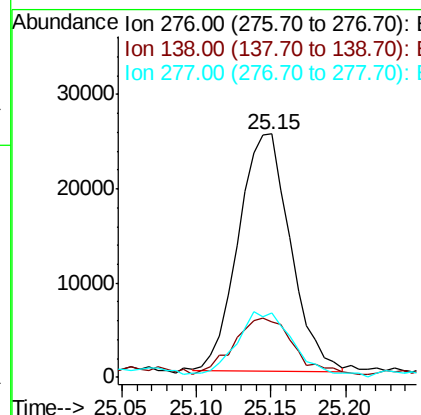
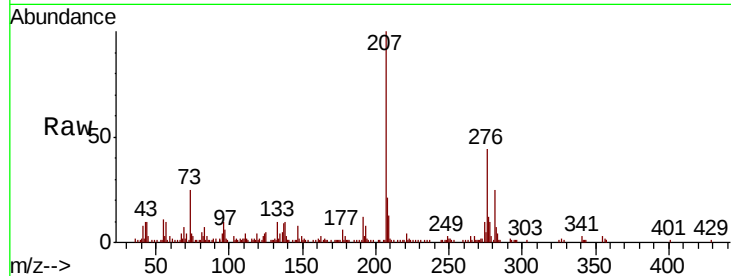
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.308 ng/ul
 RT: 25.15 min Scan# 3768
 Delta R.T. -0.03 min
 Lab File: BN009833.D
 Acq: 22 Feb 2020 07:02

Instrument :
 BNA_N
 ClientSampleId :
 CB6R4

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.0	20.9	31.3
277	26.4	18.2	27.4

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#94
 Benzo(g,h,i)perylene
 Concen: 1.546 ng/ul
 RT: 25.77 min Scan# 3873
 Delta R.T. -0.04 min
 Lab File: BN009833.D
 Acq: 22 Feb 2020 07:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	17.5	26.3#
277	23.5	18.1	27.1

