

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
 Data File : BN009831.D
 Acq On : 22 Feb 2020 05:51
 Operator : CG/JU
 Sample : L1535-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6R2

Manual Integrations
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Quant Time: Feb 22 06:24:42 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	110305	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	472628	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	298818	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	622571	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	542110	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	604133	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	6001m	2.24	ng/uL	-0.02
5) Phenol-d5	6.60	99	110179	11.74	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	77485	11.97	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.93	132	86419	12.23	ng/ul	-0.02
13) 4-Methylphenol-d8	8.11	113	81847	10.97	ng/ul	-0.02
19) Nitrobenzene-d5	8.53	128	39704	11.48	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.25	143	42987	11.36	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.79	165	84750	11.65	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	98275	12.03	ng/ul	-0.02
44) Dimethylphthalate-d6	13.46	166	276102	12.37	ng/ul	-0.02
47) Acenaphthylene-d8	13.72	160	316804	12.05	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.29	143	29528m	7.24	ng/ul	0.00
58) Fluorene-d10	15.03	176	247898	12.86	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.20	200	26975	6.97	ng/ul	-0.01
71) Anthracene-d10	16.89	188	359083	12.58	ng/ul	-0.02
79) Pyrene-d10	19.19	212	415684	14.67	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	400805	13.29	ng/ul	-0.03

Target Compounds

					Ovalue
70) Phenanthrene	16.83	178	212509	5.981	ng/ul 100
72) Anthracene	16.92	178	44446	1.224	ng/ul 99
77) Fluoranthene	18.86	202	403124	9.686	ng/ul 99
80) Pyrene	19.22	202	372695	9.536	ng/ul 99
83) Benzo(a)anthracene	20.99	228	206360	5.539	ng/ul 95
85) Chrysene	21.04	228	212358	5.790	ng/ul 98
88) Benzo(b)fluoranthene	22.49	252	268367	6.851	ng/ul 95
89) Benzo(k)fluoranthene	22.53	252	96209m	2.594	ng/ul
91) Benzo(a)pyrene	23.02	252	181401	5.149	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.14	276	123068	2.942	ng/ul 95
94) Benzo(g,h,i)perylene	25.76	276	116715	3.328	ng/ul 100

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

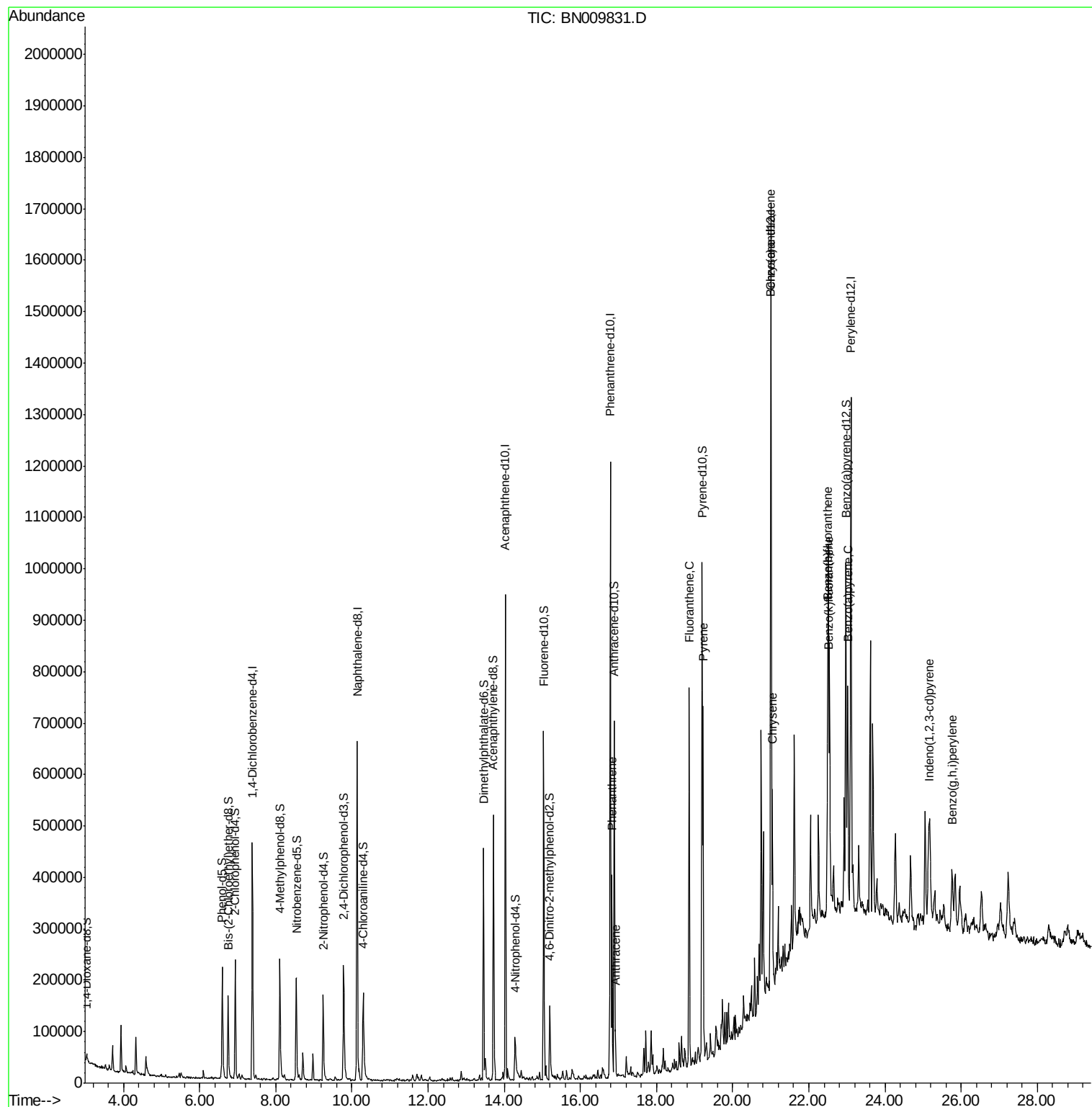
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009831.D
Acq On : 22 Feb 2020 05:51
Operator : CG/JU
Sample : L1535-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

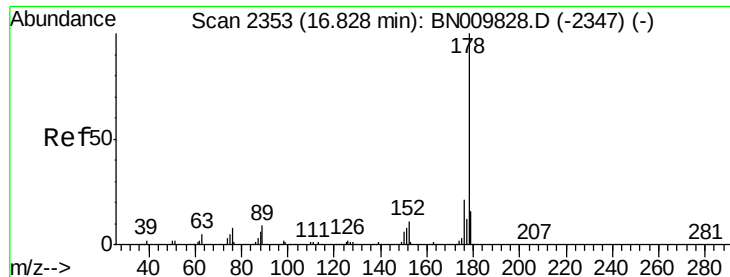
Instrument :
BNA_N
ClientSampleId :
CB6R2

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Quant Time: Feb 22 06:24:42 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





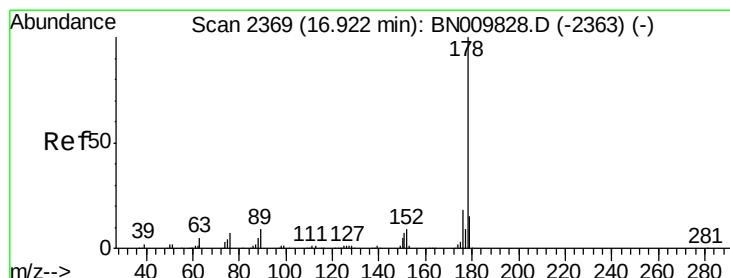
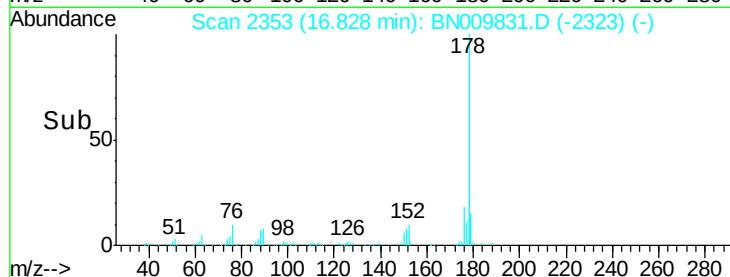
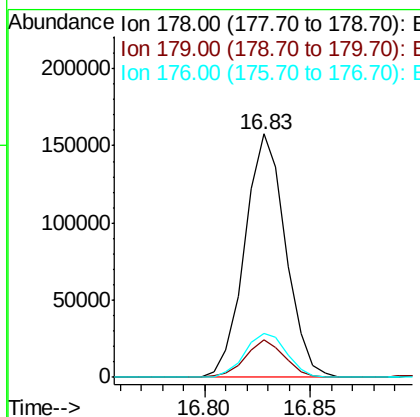
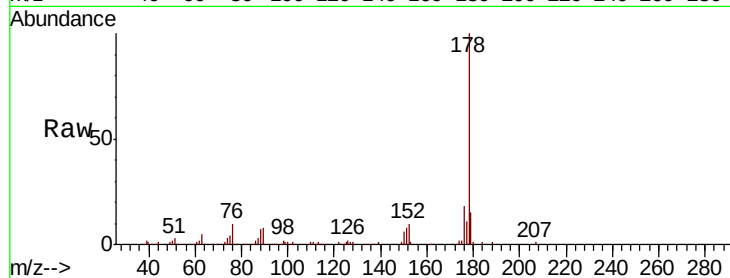
#70
Phenanthrene
Concen: 5.981 ng/ul
RT: 16.83 min Scan# 2353
Delta R.T. -0.02 min
Lab File: BN009831.D
Acq: 22 Feb 2020 05:51

Instrument :
BNA_N
ClientSampleId :
CB6R2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.5	18.7
176	18.3	14.6	22.0

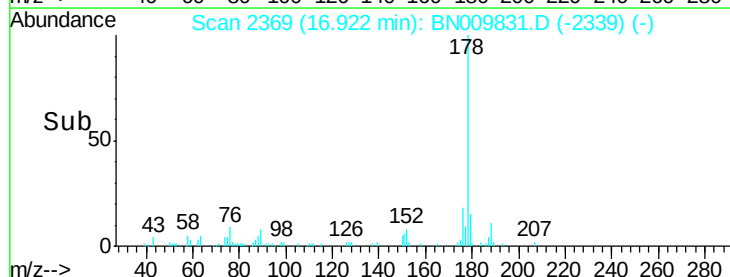
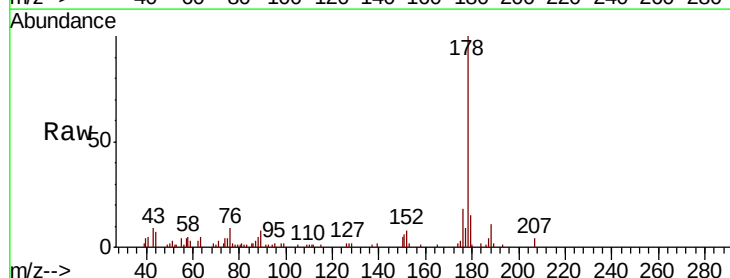
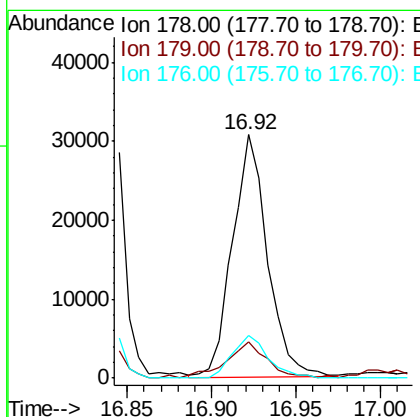
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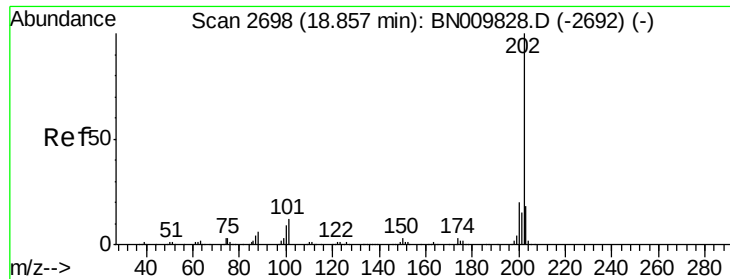
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#72
Anthracene
Concen: 1.224 ng/ul
RT: 16.92 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BN009831.D
Acq: 22 Feb 2020 05:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.2	18.2
176	17.7	14.6	21.8





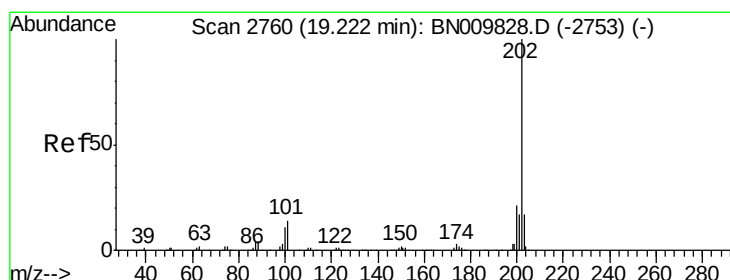
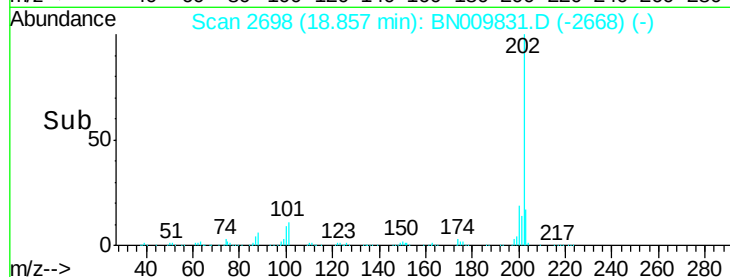
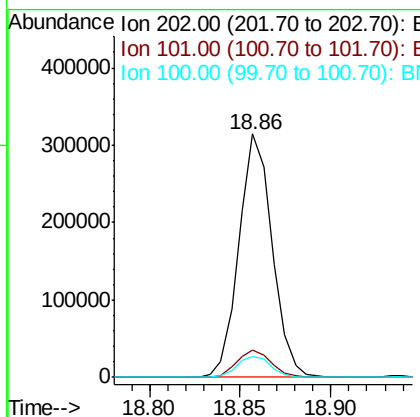
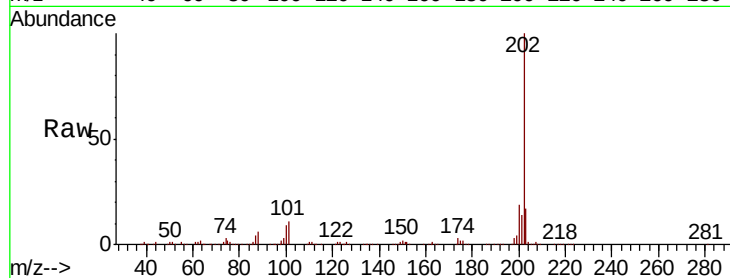
#77
Fluoranthene
Concen: 9.686 ng/ul
RT: 18.86 min Scan# 2698
Delta R.T. -0.02 min
Lab File: BN009831.D
Acq: 22 Feb 2020 05:51

Instrument :
BNA_N
ClientSampleId :
CB6R2

Tot Ion	Ratio	Resp	Lower	Upper
202	100	403124		
101	11.2		9.4	14.2
100	8.6		7.2	10.8

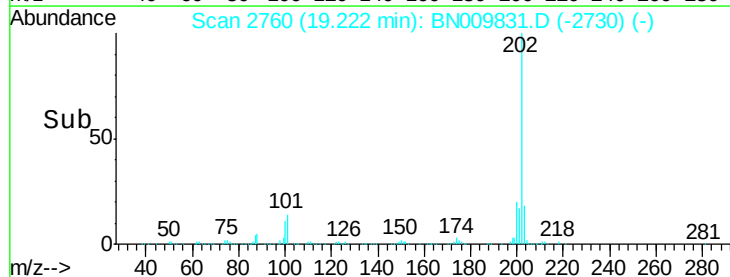
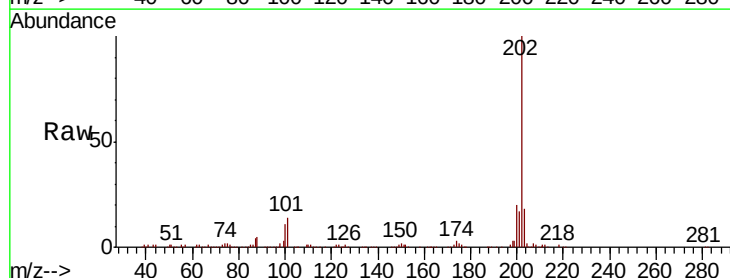
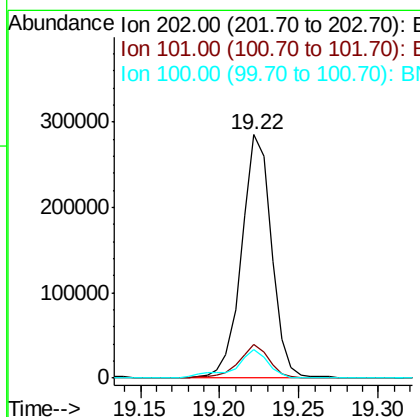
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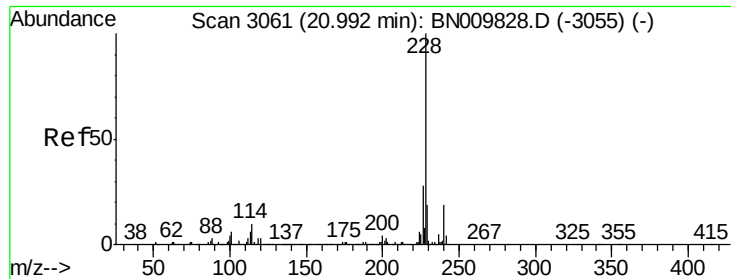
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#80
Pyrene
Concen: 9.536 ng/ul
RT: 19.22 min Scan# 2760
Delta R.T. -0.02 min
Lab File: BN009831.D
Acq: 22 Feb 2020 05:51

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	372695		
101	13.6		11.3	16.9
100	11.5		9.0	13.6





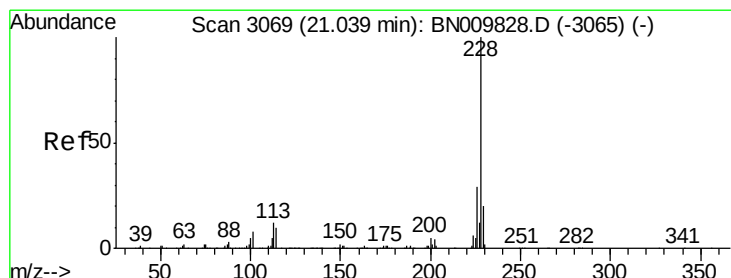
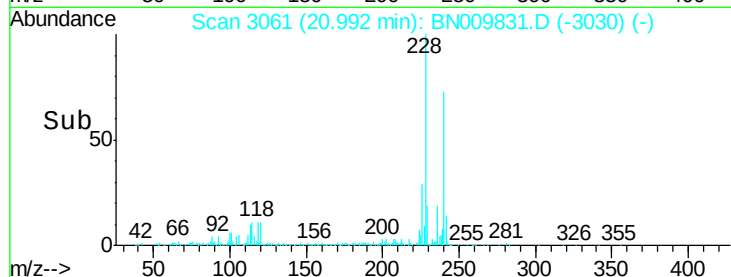
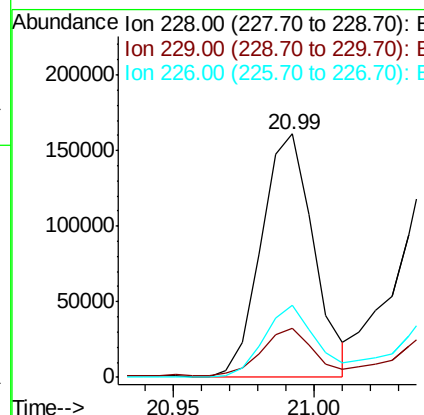
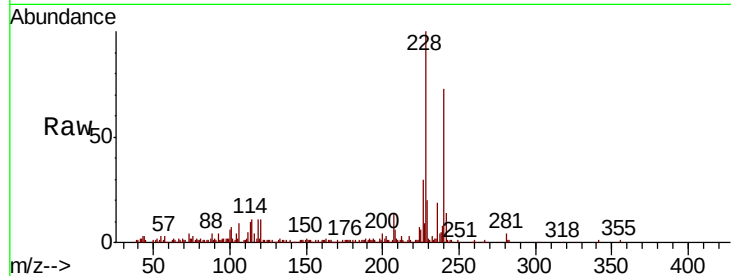
#83
Benzo(a)anthracene
Concen: 5.539 ng/ul
RT: 20.99 min Scan# 3061
Delta R.T. -0.02 min
Lab File: BN009831.D
Acq: 22 Feb 2020 05:51

Instrument :
BNA_N
ClientSampleId :
CB6R2

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.0	22.4
226	29.8	21.4	32.2

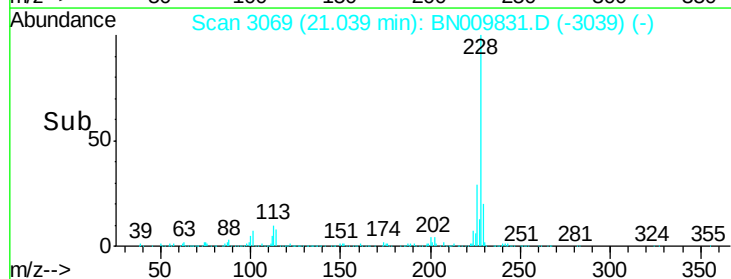
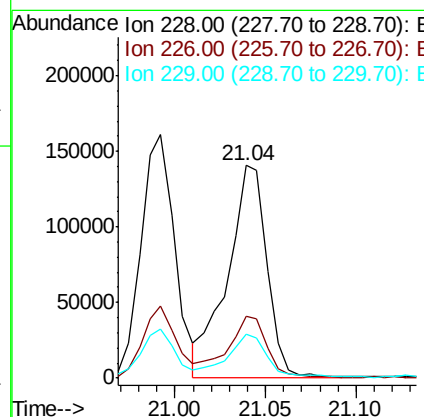
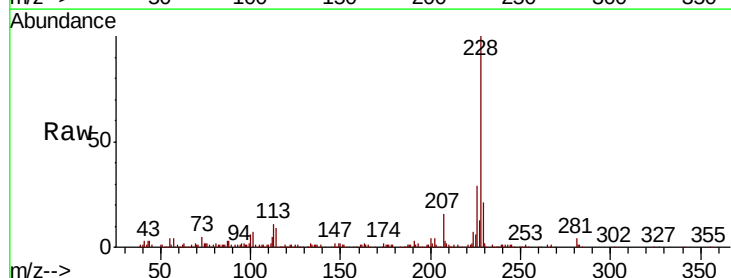
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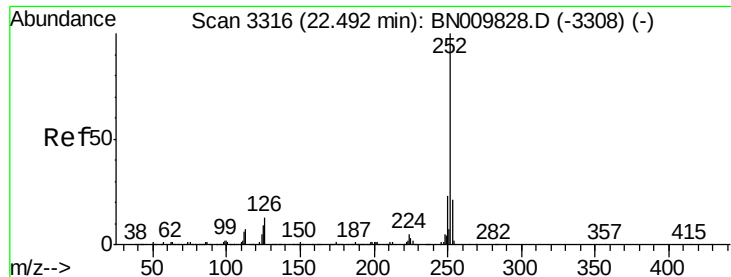
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#85
Chrysene
Concen: 5.790 ng/ul
RT: 21.04 min Scan# 3069
Delta R.T. -0.02 min
Lab File: BN009831.D
Acq: 22 Feb 2020 05:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	20.7	15.0	22.4





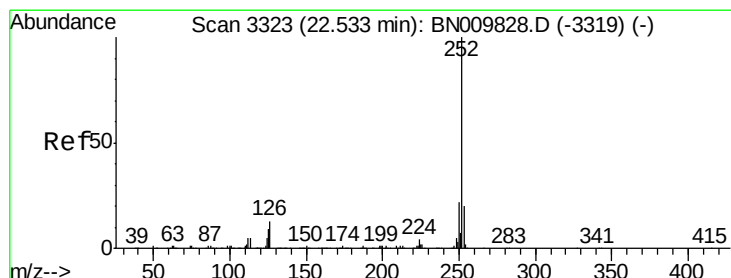
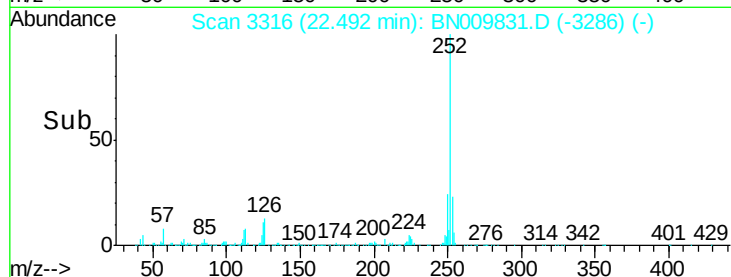
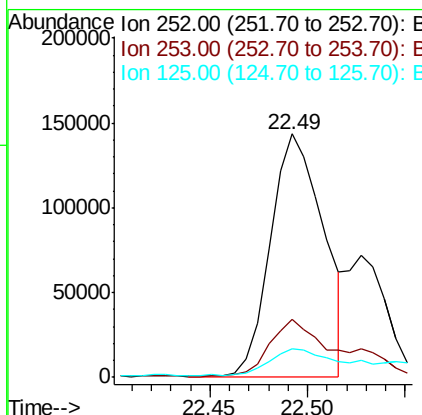
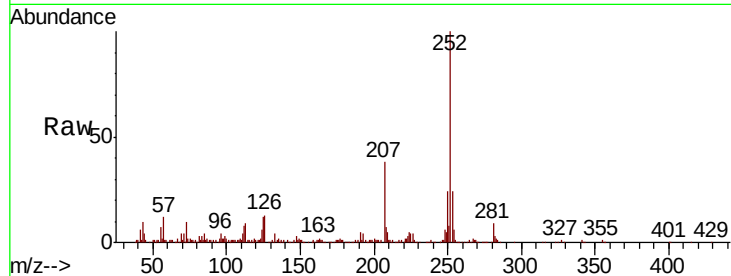
#88
Benzo(b)fluoranthene
Concen: 6.851 ng/ul
RT: 22.49 min Scan# 3316
Delta R.T. -0.02 min
Lab File: BN009831.D
Acq: 22 Feb 2020 05:51

Instrument :
BNA_N
ClientSampled :
CB6R2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.4
125	11.7	8.0	12.0

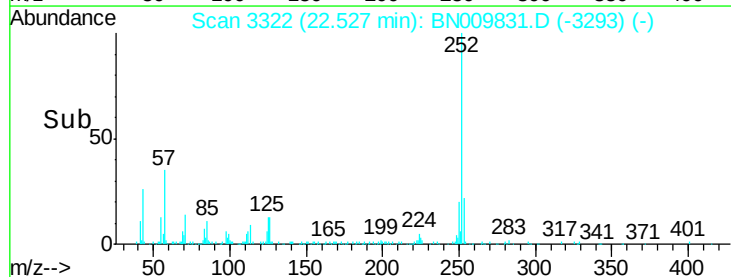
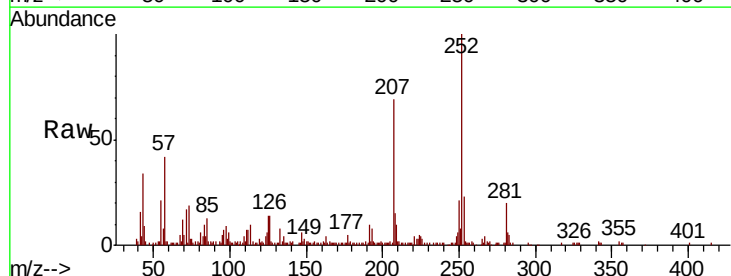
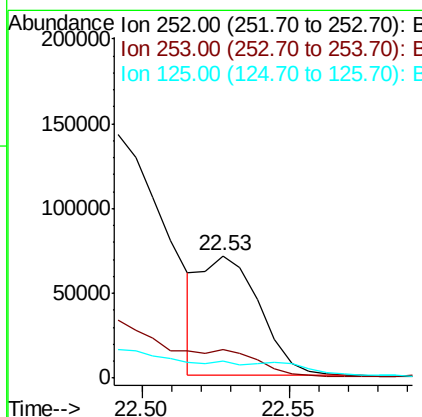
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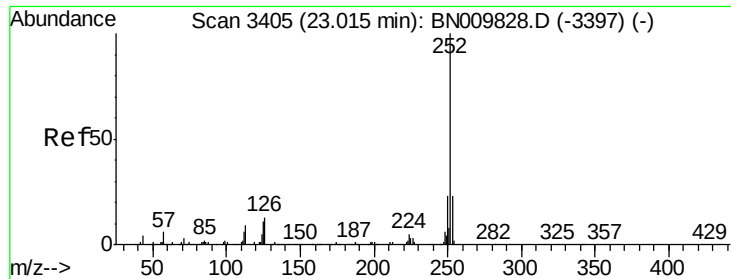
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#89
Benzo(k)fluoranthene
Concen: 2.594 ng/ul m
RT: 22.53 min Scan# 3322
Delta R.T. -0.03 min
Lab File: BN009831.D
Acq: 22 Feb 2020 05:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	14.4	8.2	12.2#





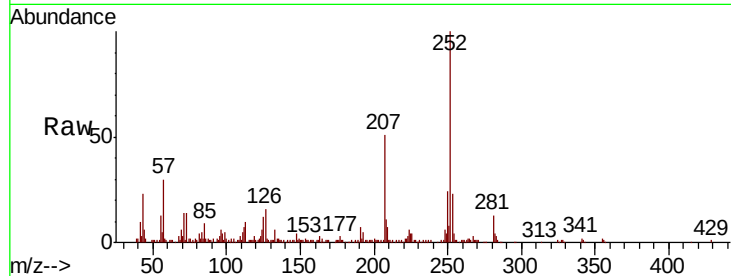
#91
Benzo(a)pyrene
Concen: 5.149 ng/ul
RT: 23.02 min Scan# 3405
Delta R.T. -0.02 min
Lab File: BN009831.D
Acq: 22 Feb 2020 05:51

Instrument :
BNA_N
ClientSampled :
CB6R2

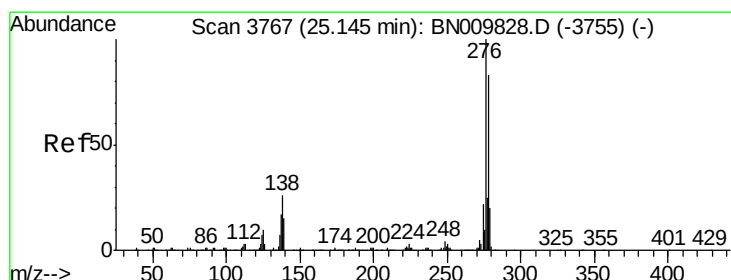
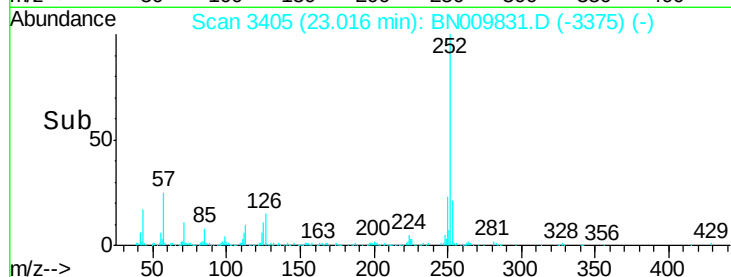
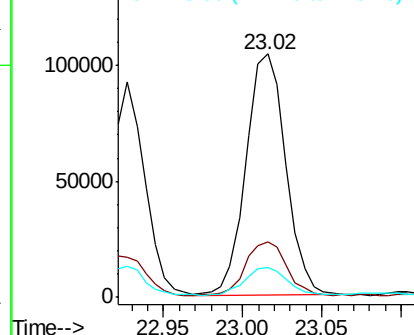
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	12.3	9.0	13.6

Manual Integrations
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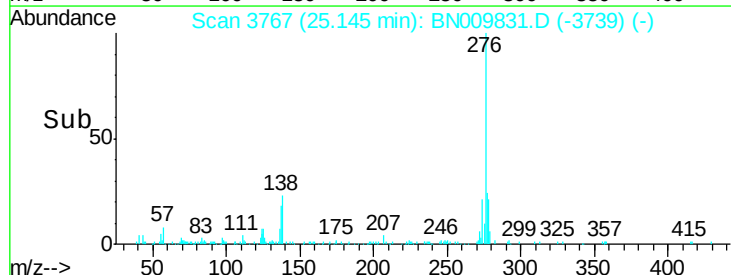
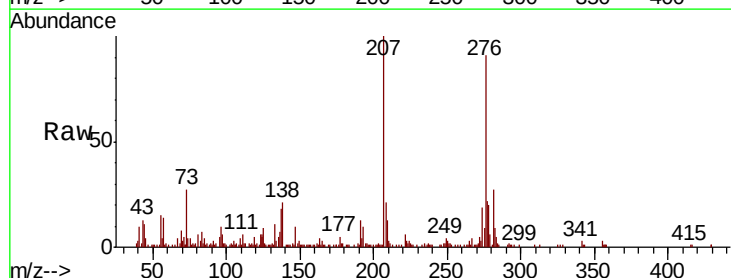
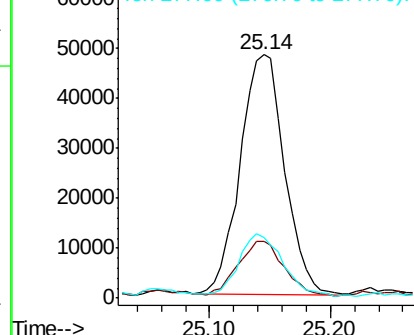
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Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

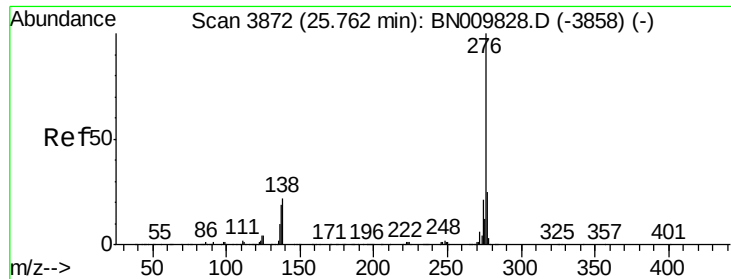


#92
Indeno(1,2,3-cd)pyrene
Concen: 2.942 ng/ul
RT: 25.14 min Scan# 3767
Delta R.T. -0.04 min
Lab File: BN009831.D
Acq: 22 Feb 2020 05:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	20.9	31.3
277	24.7	18.2	27.4

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





#94

Benzo(a,h,i)perylene

Concen: 3.328 ng/ul

RT: 25.76 min Scan# 3872

Delta R.T. -0.04 min

Lab File: BN009831.D

Acq: 22 Feb 2020 05:51

Instrument :

BNA_N

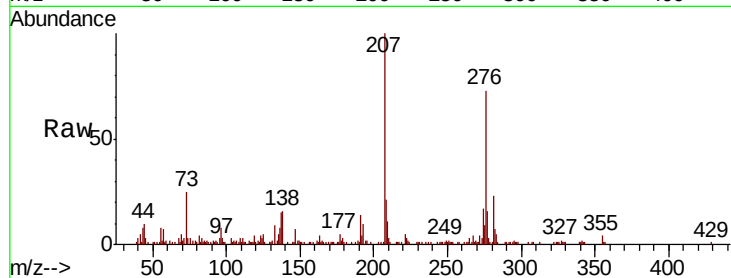
ClientSampleId :

CB6R2

Tot Ion:	276	Resp:	116715
Ion Ratio	Lower	Upper	
276	100		
138	21.7	17.5	26.3
277	22.4	18.1	27.1

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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

