

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
 Data File : BN009832.D
 Acq On : 22 Feb 2020 06:26
 Operator : CG/JU
 Sample : L1535-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6R3

Manual Integrations
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 2/24/2020 4:48:43 PM

Quant Time: Feb 24 00:35:15 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	133574	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	588111	20.00	ng/ul	-0.03
36) Acenaphthene-d10	14.03	164	359279	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	732949	20.00	ng/ul	-0.02
78) Chrysene-d12	21.01	240	635030	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	675313	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	5087	1.57	ng/uL	-0.02
5) Phenol-d5	6.60	99	89314	7.86	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	64183	8.19	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.94	132	69965	8.18	ng/ul	-0.02
13) 4-Methylphenol-d8	8.11	113	65062	7.20	ng/ul	-0.02
19) Nitrobenzene-d5	8.54	128	30049	6.98	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.25	143	26020	5.53	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.78	165	64828	7.16	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.30	131	82380	8.10	ng/ul	-0.02
44) Dimethylphthalate-d6	13.46	166	218437	8.14	ng/ul	-0.02
47) Acenaphthylene-d8	13.72	160	267319	8.46	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.29	143	19462m	3.97	ng/ul	0.00
58) Fluorene-d10	15.04	176	204530	8.83	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.19	200	12933	2.84	ng/ul	-0.02
71) Anthracene-d10	16.89	188	296206	8.82	ng/ul	-0.02
79) Pyrene-d10	19.19	212	347716	10.48	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	320897	9.52	ng/ul	-0.03

Target Compounds

					Ovalue
70) Phenanthrene	16.83	178	176924	4.230	ng/ul 98
72) Anthracene	16.92	178	45668	1.068	ng/ul 100
77) Fluoranthene	18.86	202	298651	6.095	ng/ul 99
80) Pyrene	19.22	202	285977	6.246	ng/ul 100
83) Benzo(a)anthracene	20.99	228	216003	4.950	ng/ul 97
85) Chrysene	21.04	228	342192	7.965	ng/ul 98
88) Benzo(b)fluoranthene	22.49	252	421716	9.632	ng/ul 96
89) Benzo(k)fluoranthene	22.53	252	118861	2.867	ng/ul 100
91) Benzo(a)pyrene	23.01	252	225529	5.727	ng/ul# 96
92) Indeno(1,2,3-cd)pyrene	25.14	276	177930	3.806	ng/ul 94
93) Dibenzo(a,h)anthracene	25.15	278	44845m	1.121	ng/ul
94) Benzo(g,h,i)perylene	25.76	276	157368	4.014	ng/ul 100

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

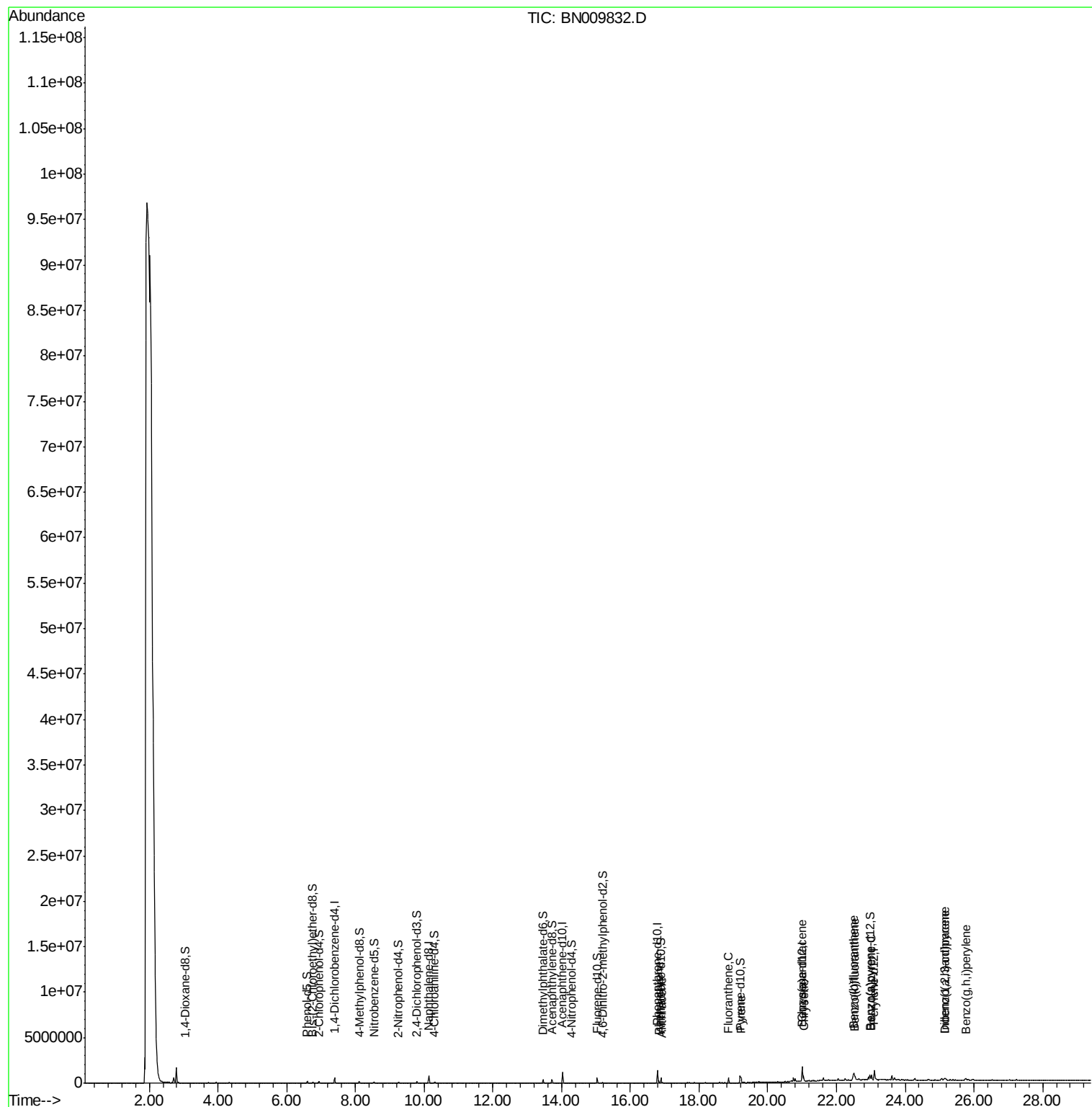
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Data File : BN009832.D
Acq On : 22 Feb 2020 06:26
Operator : CG/JU
Sample : L1535-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

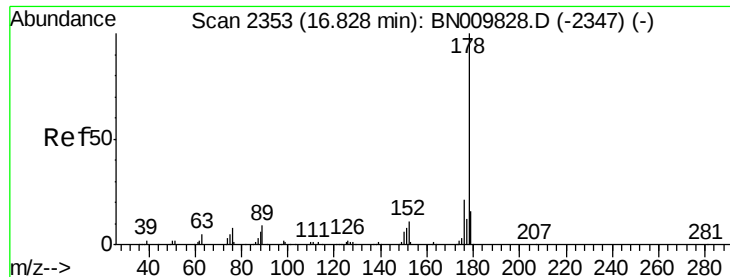
Instrument :
BNA_N
ClientSampleId :
CB6R3

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Quant Time: Feb 24 00:35:15 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





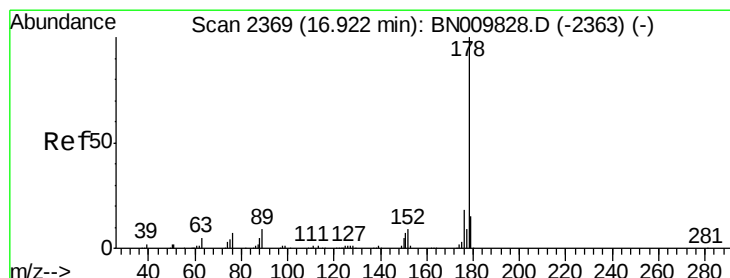
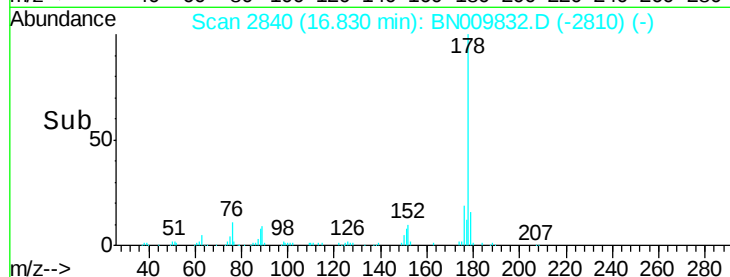
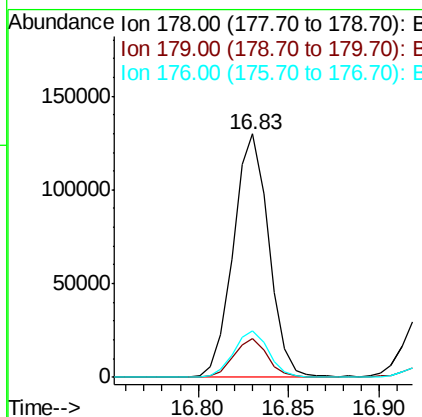
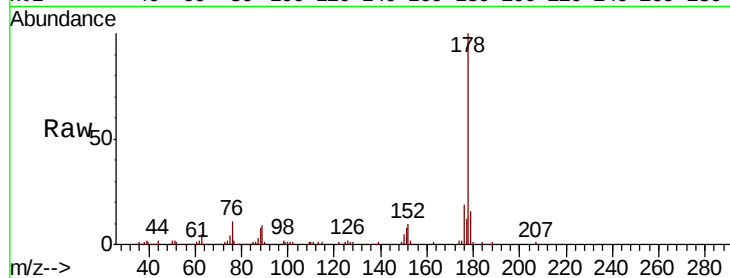
#70
Phenanthrene
Concen: 4.230 ng/ul
RT: 16.83 min Scan# 2840
Delta R.T. -0.02 min
Lab File: BN009832.D
Acq: 22 Feb 2020 06:26

Instrument :
BNA_N
ClientSampleId :
CB6R3

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.5	18.7
176	19.4	14.6	22.0

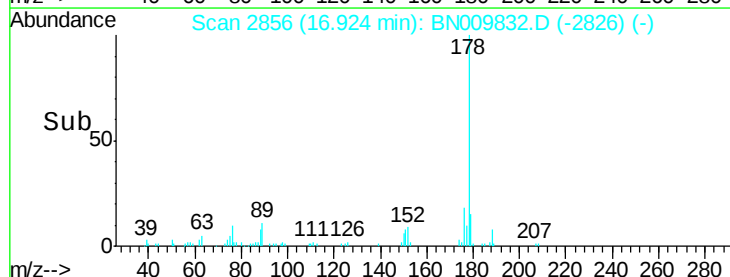
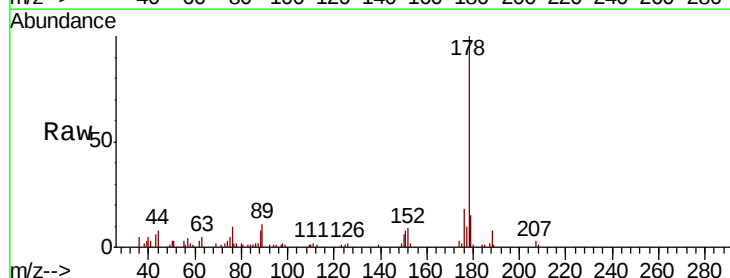
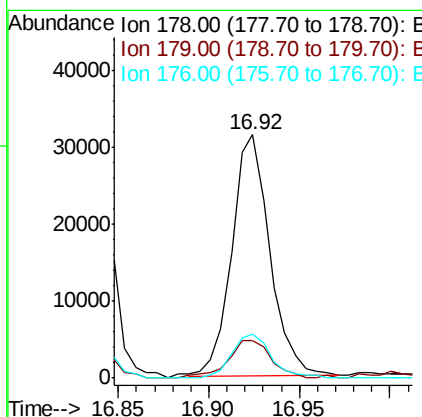
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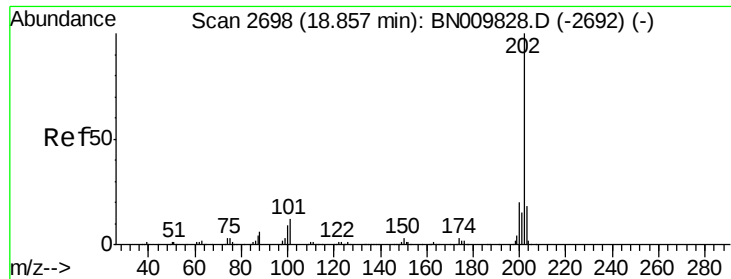
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#72
Anthracene
Concen: 1.068 ng/ul
RT: 16.92 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BN009832.D
Acq: 22 Feb 2020 06:26

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	18.0	14.6	21.8





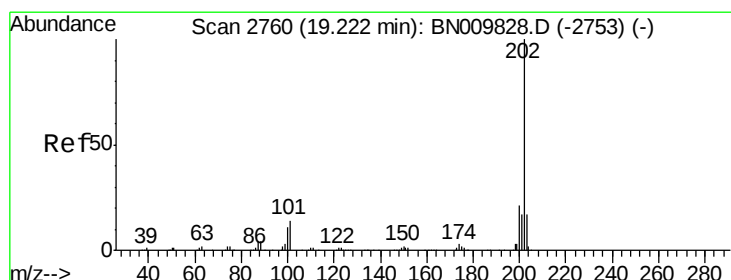
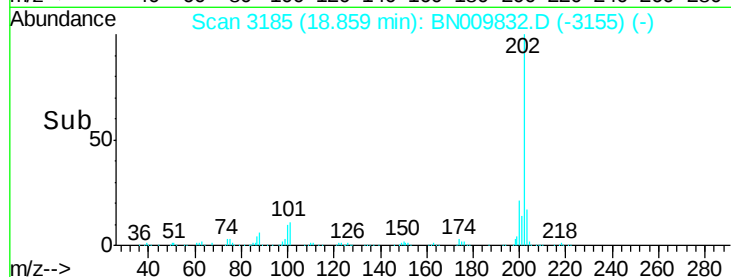
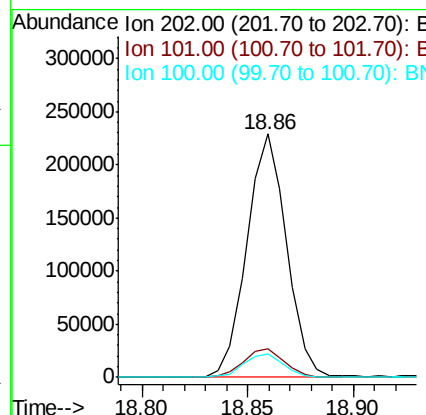
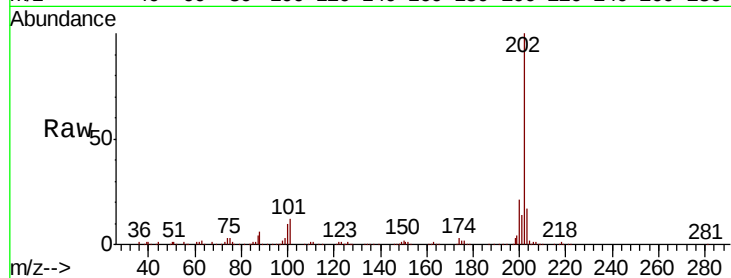
#77
Fluoranthene
 Concen: 6.095 ng/ul
 RT: 18.86 min Scan# 3185
 Delta R.T. -0.02 min
 Lab File: BN009832.D
 Acq: 22 Feb 2020 06:26

Instrument :
 BNA_N
 ClientSampleId :
 CB6R3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.5	9.4	14.2		
100	9.6	7.2	10.8		

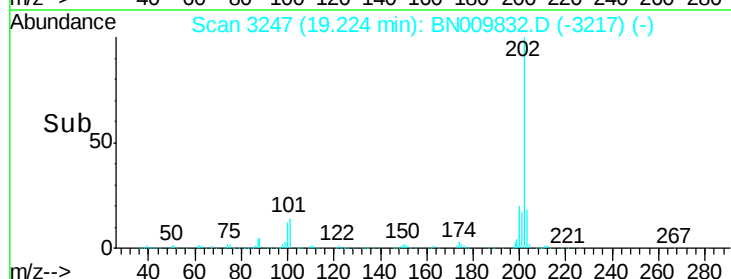
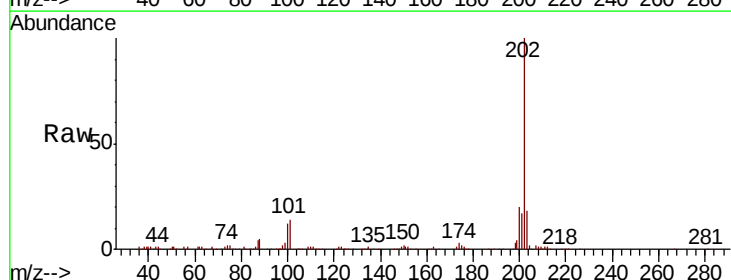
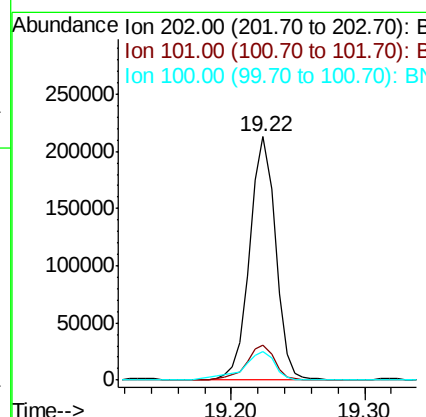
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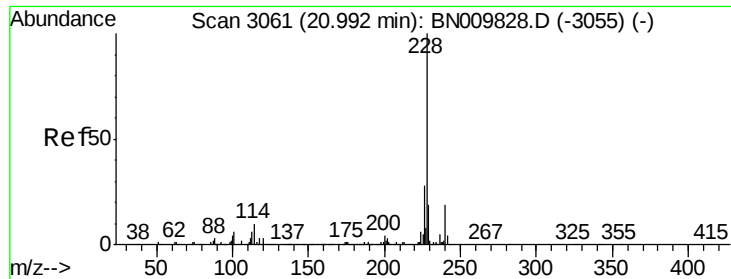
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#80
Pyrene
 Concen: 6.246 ng/ul
 RT: 19.22 min Scan# 3247
 Delta R.T. -0.02 min
 Lab File: BN009832.D
 Acq: 22 Feb 2020 06:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	14.1	11.3	16.9		
100	11.7	9.0	13.6		





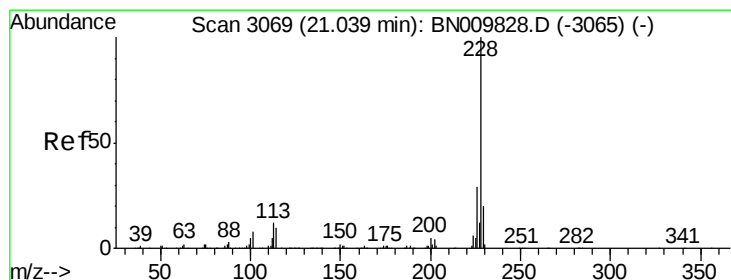
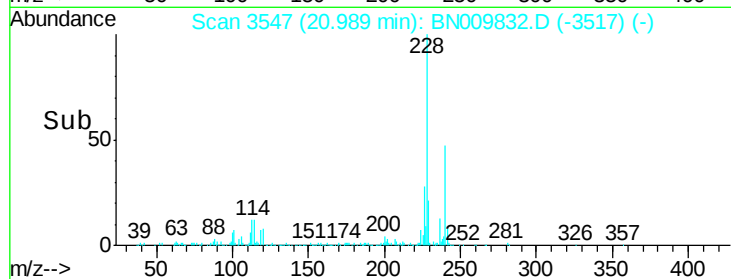
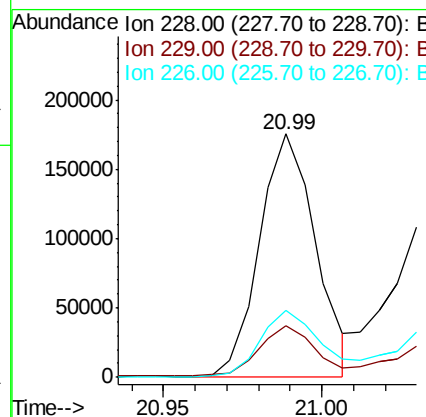
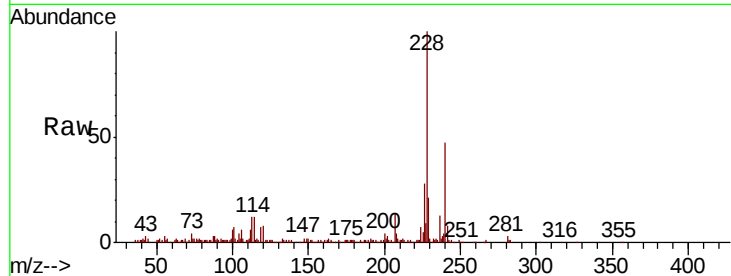
#83
Benzo(a)anthracene
Concen: 4.950 ng/ul
RT: 20.99 min Scan# 3547
Delta R.T. -0.02 min
Lab File: BN009832.D
Acq: 22 Feb 2020 06:26

Instrument :
BNA_N
ClientSampleId :
CB6R3

Tot Ion:228	Resp:	216003
Ion Ratio	Lower	Upper
228 100		
229 21.4	15.0	22.4
226 27.7	21.4	32.2

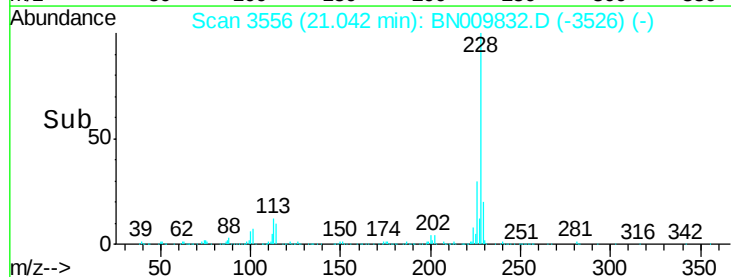
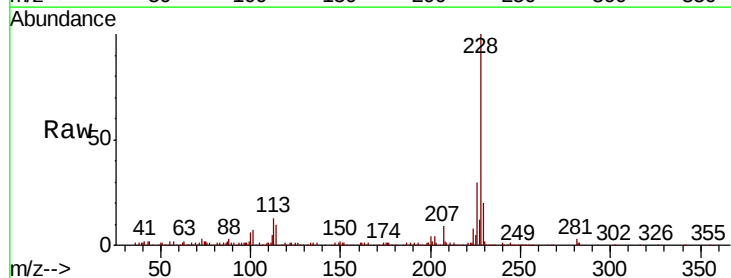
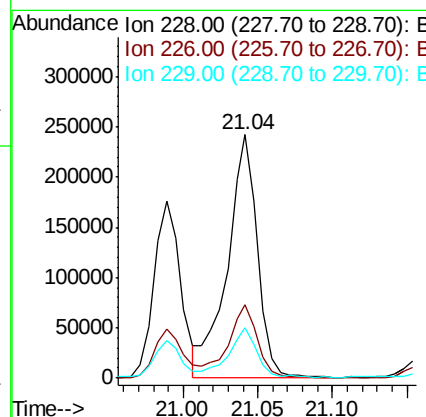
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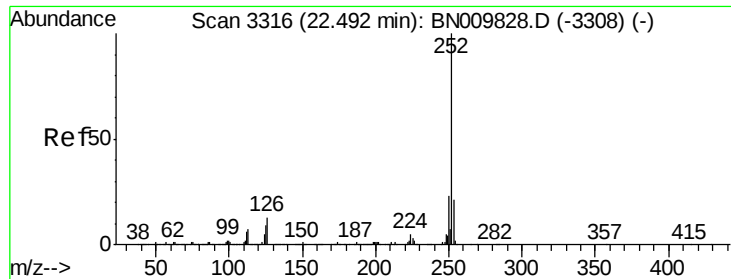
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#85
Chrysene
Concen: 7.965 ng/ul
RT: 21.04 min Scan# 3556
Delta R.T. -0.02 min
Lab File: BN009832.D
Acq: 22 Feb 2020 06:26

Tgt Ion:228	Resp:	342192
Ion Ratio	Lower	Upper
228 100		
226 29.9	23.4	35.2
229 20.4	15.0	22.4





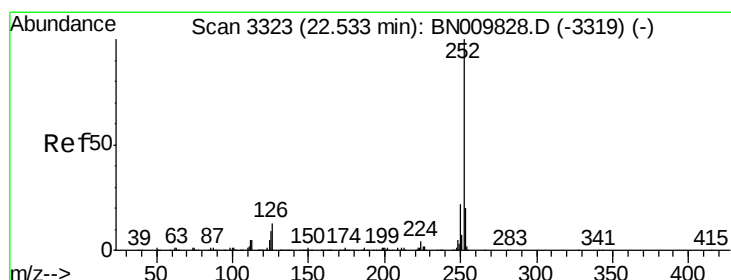
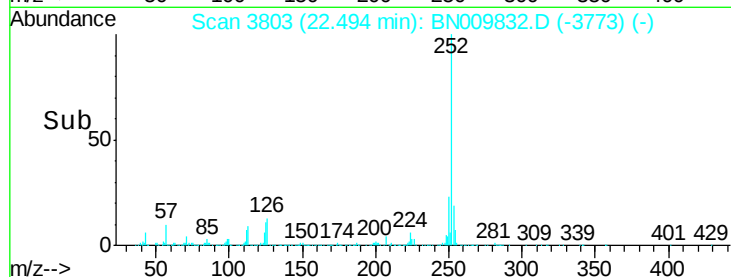
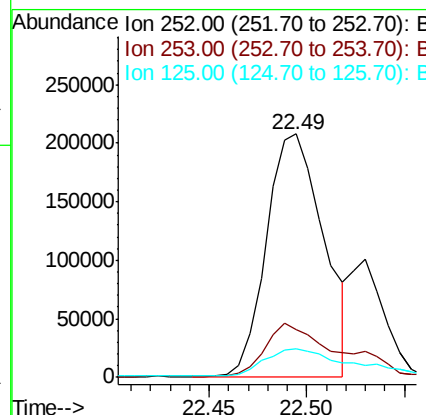
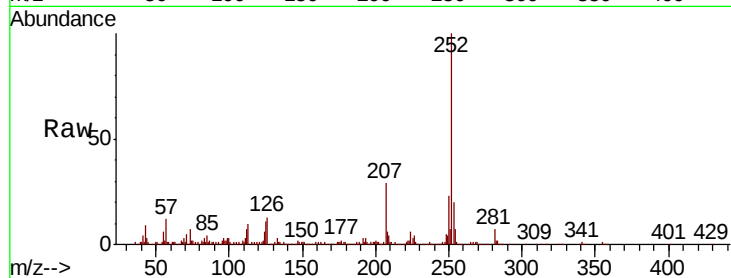
#88
Benzo(b)fluoranthene
Concen: 9.632 ng/ul
RT: 22.49 min Scan# 3803
Delta R.T. -0.02 min
Lab File: BN009832.D
Acq: 22 Feb 2020 06:26

Instrument :
BNA_N
ClientSampled :
CB6R3

Tot Ion	Ratio	Lower	Upper
252	100		
253	19.6	17.0	25.4
125	11.5	8.0	12.0

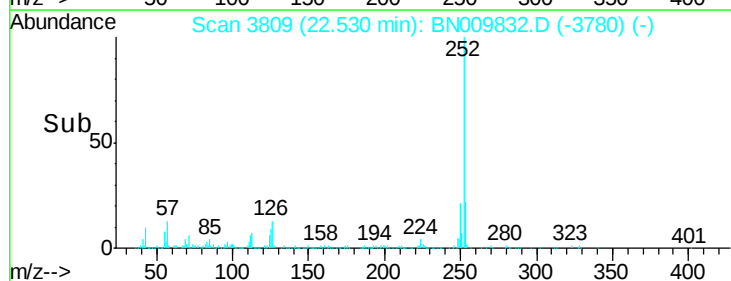
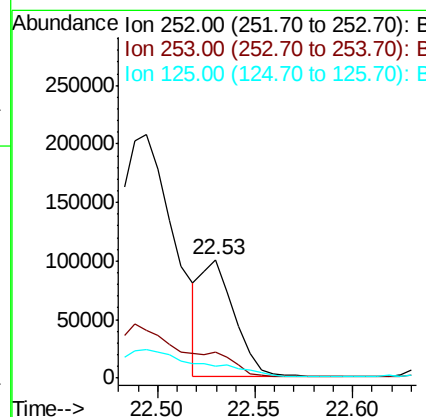
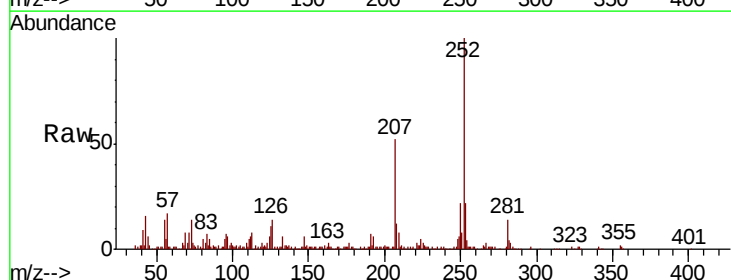
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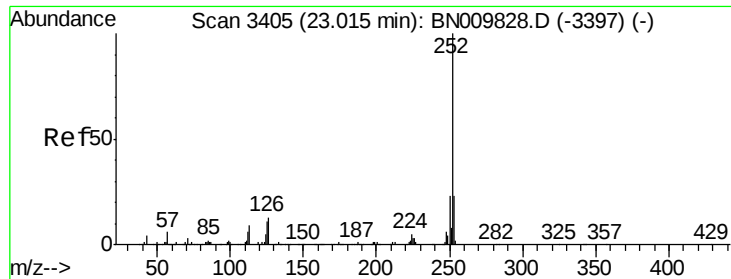
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#89
Benzo(k)fluoranthene
Concen: 2.867 ng/ul
RT: 22.53 min Scan# 3809
Delta R.T. -0.03 min
Lab File: BN009832.D
Acq: 22 Feb 2020 06:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.6	8.2	12.2





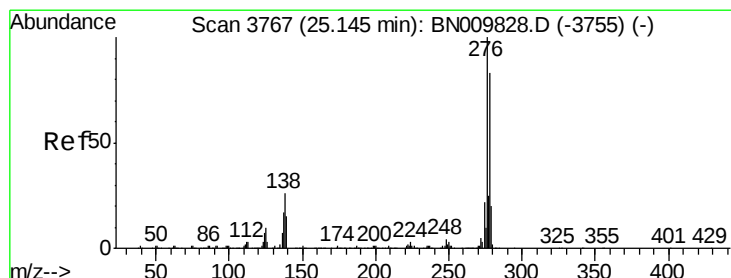
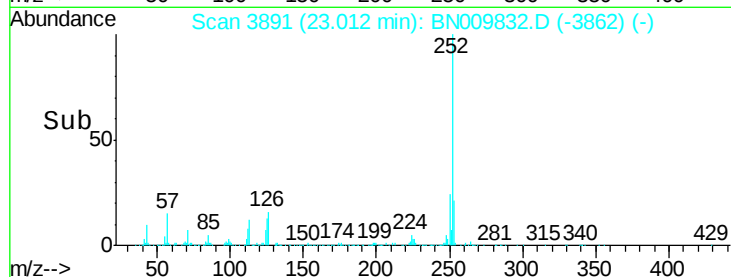
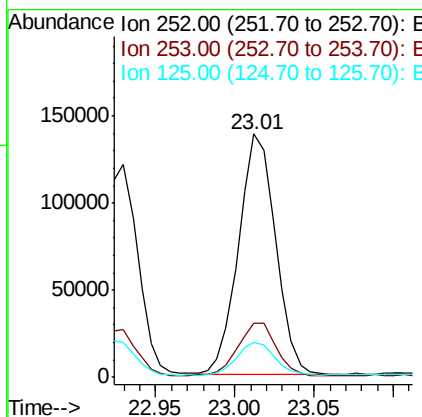
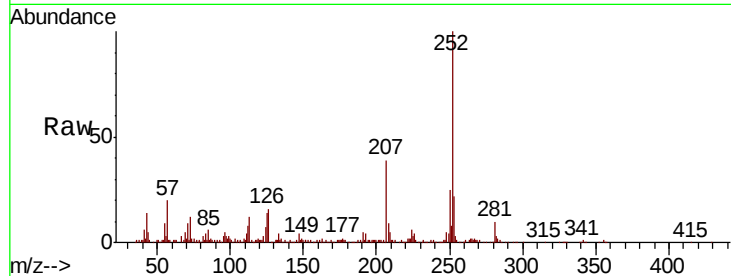
#91
Benzo(a)pyrene
Concen: 5.727 ng/ul
RT: 23.01 min Scan# 3891
Delta R.T. -0.03 min
Lab File: BN009832.D
Acq: 22 Feb 2020 06:26

Instrument :
BNA_N
ClientSampleId :
CB6R3

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.4	17.4	26.0
125	14.4	9.0	13.6

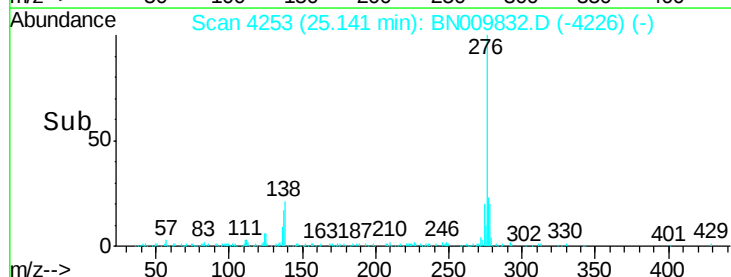
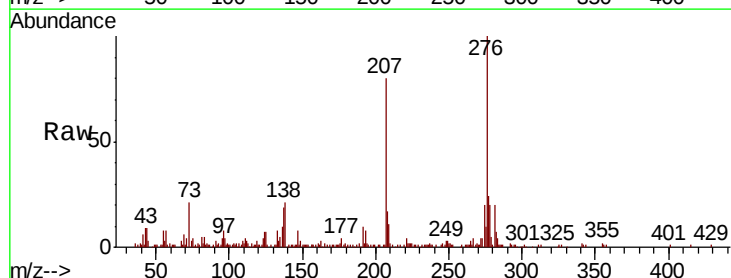
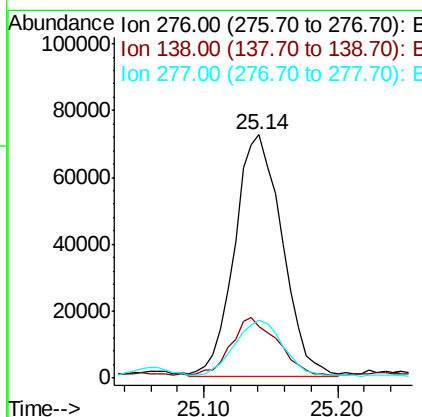
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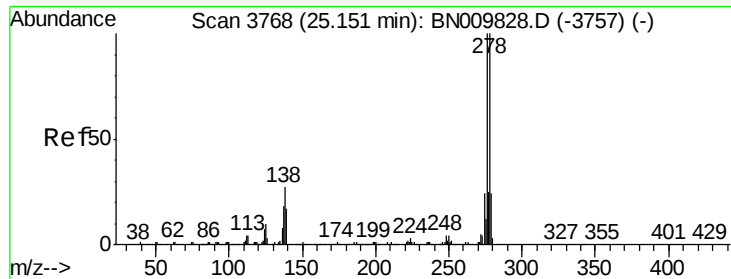
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#92
Indeno(1,2,3-cd)pyrene
Concen: 3.806 ng/ul
RT: 25.14 min Scan# 4253
Delta R.T. -0.04 min
Lab File: BN009832.D
Acq: 22 Feb 2020 06:26

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	21.2	20.9	31.3
277	23.7	18.2	27.4





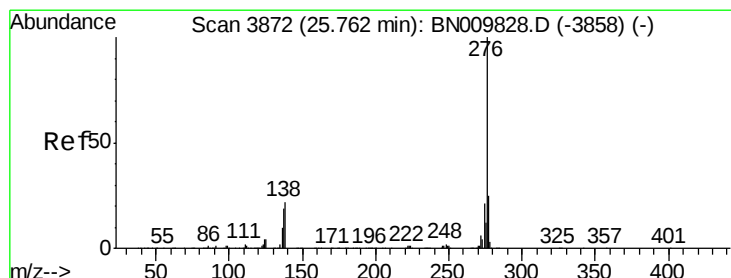
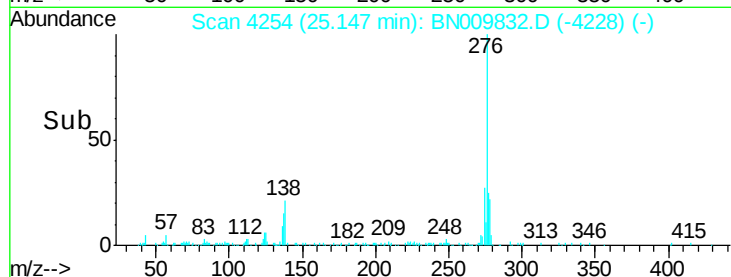
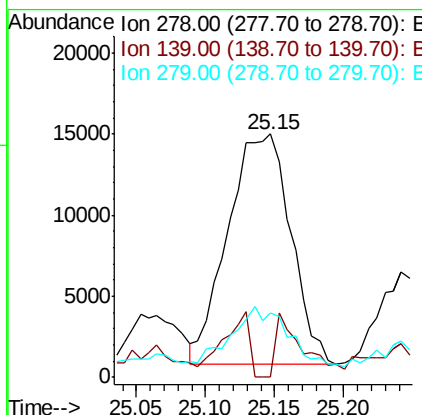
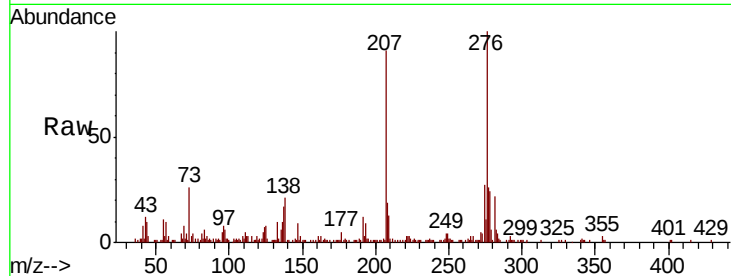
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Dibenzo(a,h)anthracene
Concen: 1.121 ng/ul m
RT: 25.15 min Scan# 4254
Delta R.T. -0.04 min
Lab File: BN009832.D
Acq: 22 Feb 2020 06:26

Instrument :
BNA_N
ClientSampleId :
CB6R3

Tot Ion	Ratio	Lower	Upper
278	100		
139	4.5	13.0	19.4#
279	26.7	17.5	26.3#

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#94
Benzo(g,h,i)perylene
Concen: 4.014 ng/ul
RT: 25.76 min Scan# 4358
Delta R.T. -0.04 min
Lab File: BN009832.D
Acq: 22 Feb 2020 06:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	17.5	26.3
277	22.8	18.1	27.1

