

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009571.D
 Acq On : 04 Feb 2020 19:15
 Operator : CG/JU
 Sample : L1014-01
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OR-03-011020

Manual Integrations
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Quant Time: Feb 05 00:55:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 16:39:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	147501	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	613431	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	390817	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	807779	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	750404	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	833609	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	3483	0.97	ng/uL	0.01
5) Phenol-d5	6.64	99	59508	4.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	45223	5.23	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	49362	5.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	35300	3.45	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	23090	5.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	23373	4.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	43605	4.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	50472	4.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	157074	5.51	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	171676	4.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	10300m	1.91	ng/ul	0.02
57) Fluorene-d10	15.08	176	140867	5.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	10109	2.00	ng/ul	0.00
70) Anthracene-d10	16.93	188	208057	5.67	ng/ul	0.00
78) Pyrene-d10	19.23	212	250233	6.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	244160	5.95	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.55	163	57937	1.914	ng/ul#	96
69) Phenanthrene	16.87	178	93317	2.026	ng/ul	98
76) Fluoranthene	18.90	202	249062	4.737	ng/ul	96
79) Pyrene	19.26	202	229423	4.188	ng/ul	99
82) Benzo(a)anthracene	21.03	228	120129	2.319	ng/ul	95
84) Chrysene	21.08	228	126107	2.445	ng/ul	96
87) Benzo(b)fluoranthene	22.53	252	164618	3.156	ng/ul	96
90) Benzo(a)pyrene	23.06	252	109367	2.263	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.21	276	71285	1.241	ng/ul	95
93) Benzo(g,h,i)perylene	25.84	276	69237	1.438	ng/ul	97

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

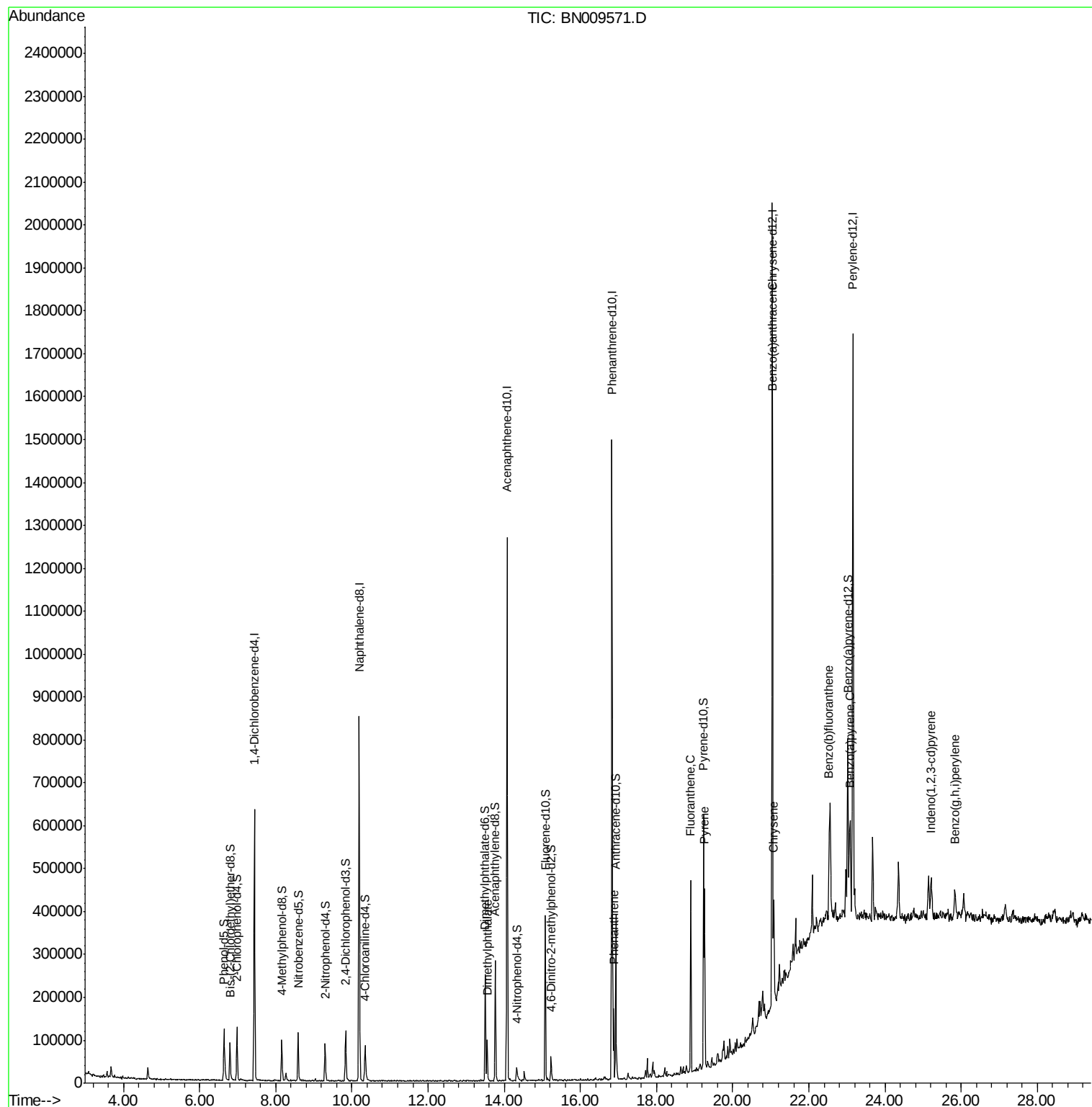
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
Data File : BN009571.D
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ALS Vial : 47 Sample Multiplier: 1

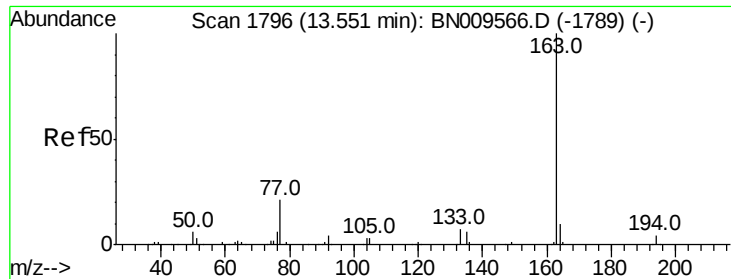
Instrument :
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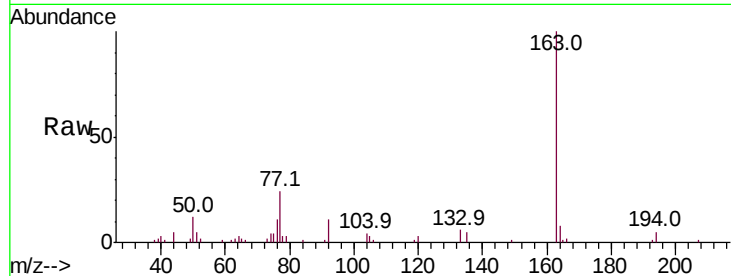
#44
Dimethylphthalate
Concen: 1.914 ng/ul
RT: 13.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BN009571.D
Acq: 04 Feb 2020 19:15

Instrument :
BNA_N
ClientSampleId :
OR-03-011020

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	7.8	8.0	12.0#

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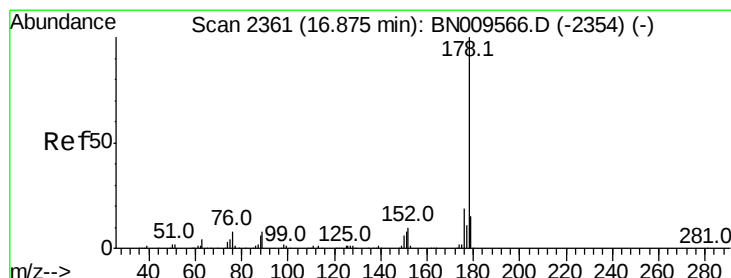
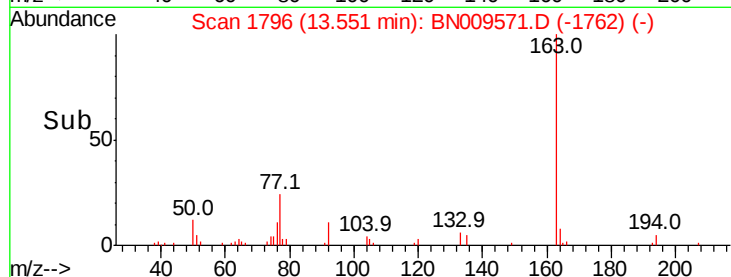
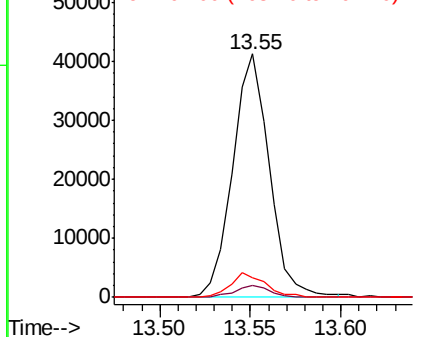


Abundance

Ion 163.00 (162.70 to 163.70): E

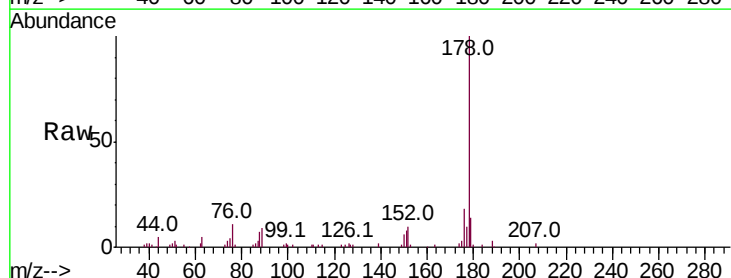
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 2.026 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. -0.01 min
Lab File: BN009571.D
Acq: 04 Feb 2020 19:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.2	18.2
176	17.9	14.8	22.2

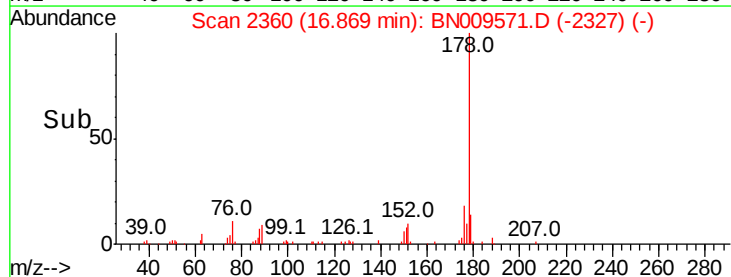
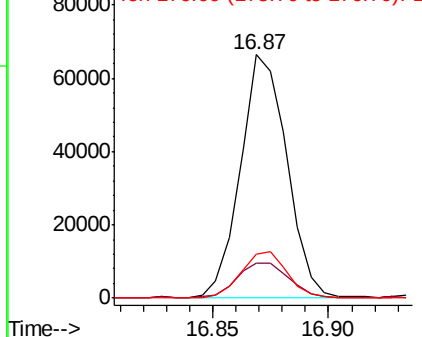


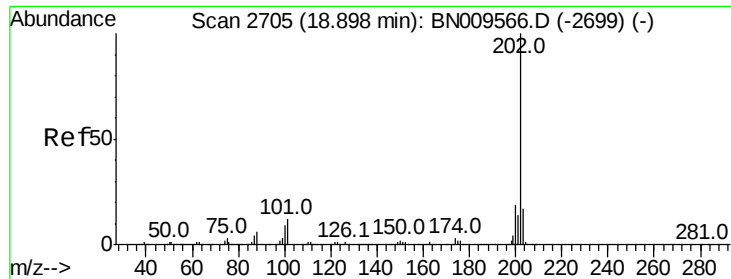
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





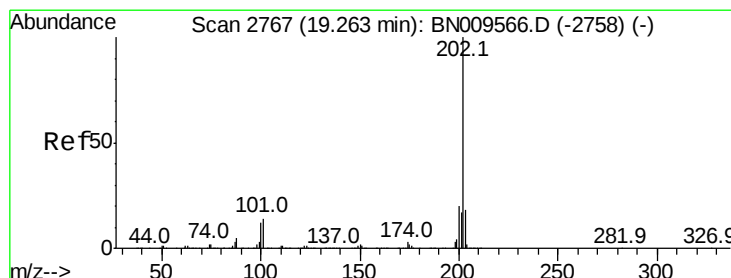
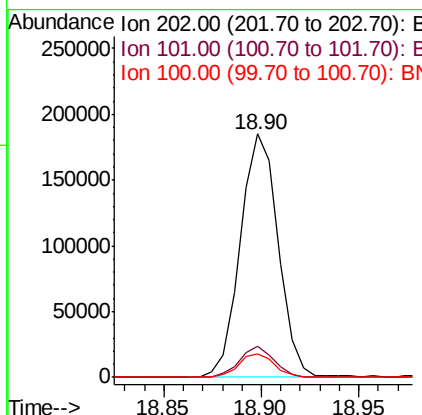
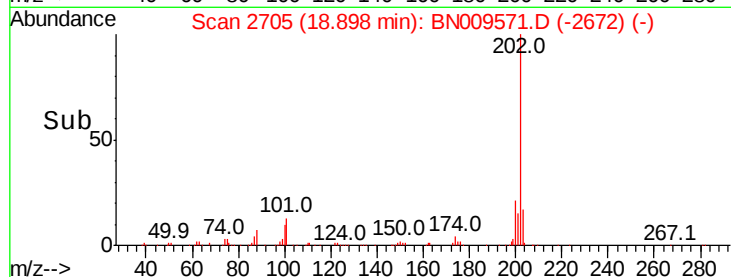
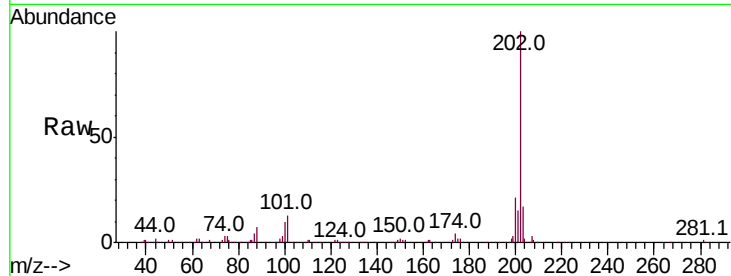
#76
Fluoranthene
Concen: 4.737 ng/ul
RT: 18.90 min Scan# 2705
Delta R.T. -0.01 min
Lab File: BN009571.D
Acq: 04 Feb 2020 19:15

Instrument :
BNA_N
ClientSampleId :
OR-03-011020

Tot Ion:	202	Resp:	249062
Ion Ratio	Lower	Upper	
202	100		
101	13.0	9.2	13.8
100	9.8	6.9	10.3

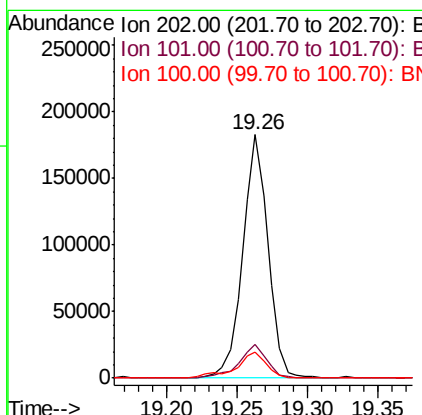
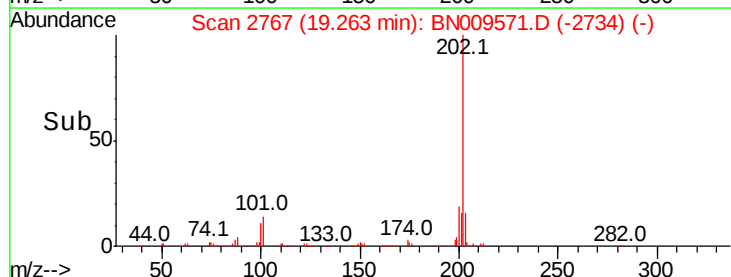
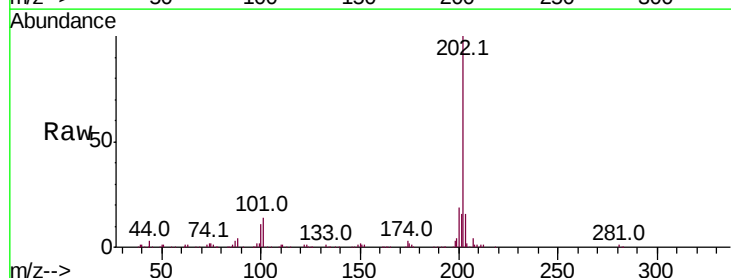
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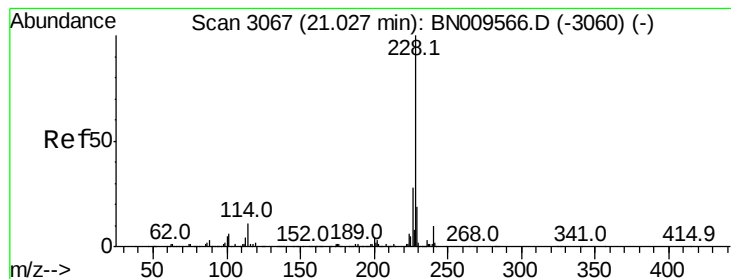
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#79
Pyrene
Concen: 4.188 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BN009571.D
Acq: 04 Feb 2020 19:15

Tgt Ion:	202	Resp:	229423
Ion Ratio	Lower	Upper	
202	100		
101	13.7	10.3	15.5
100	10.8	8.4	12.6





#82

Benzo(a)anthracene

Concen: 2.319 ng/ul

RT: 21.03 min Scan# 3067

Delta R.T. 0.00 min

Lab File: BN009571.D

Acq: 04 Feb 2020 19:15

Instrument :

BNA_N

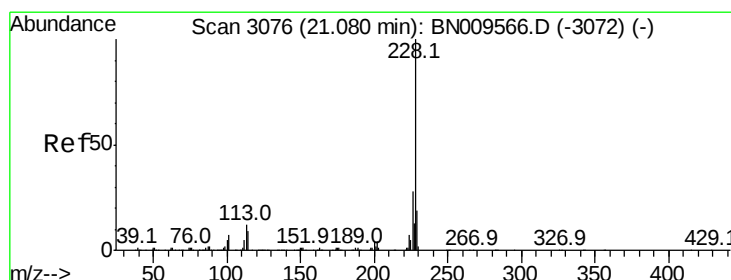
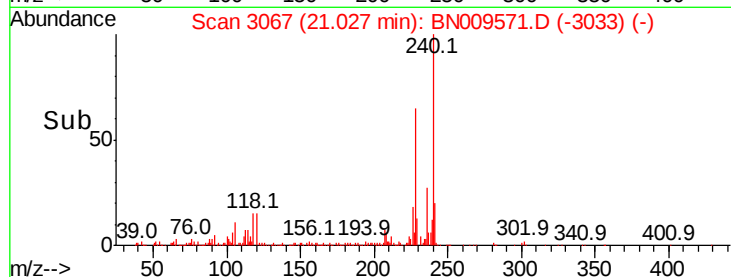
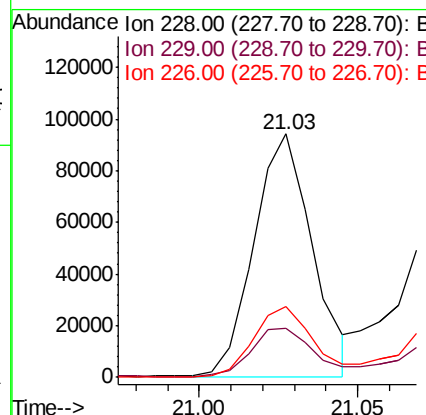
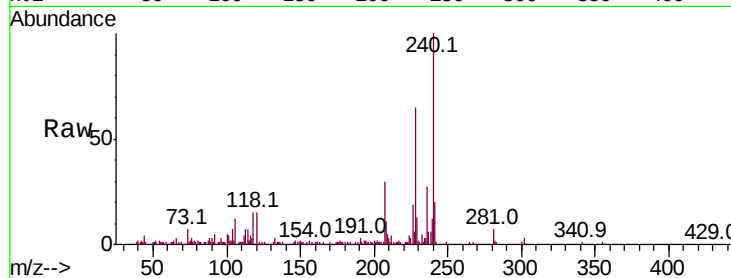
ClientSampleId :

OR-03-011020

Tot Ion:	228	Resp:	120129
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.0	22.4
226	29.0	20.9	31.3

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#84

Chrysene

Concen: 2.445 ng/ul

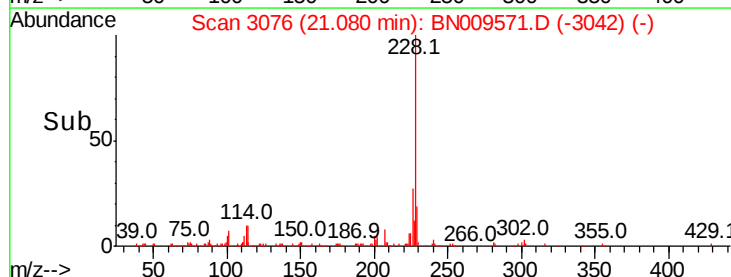
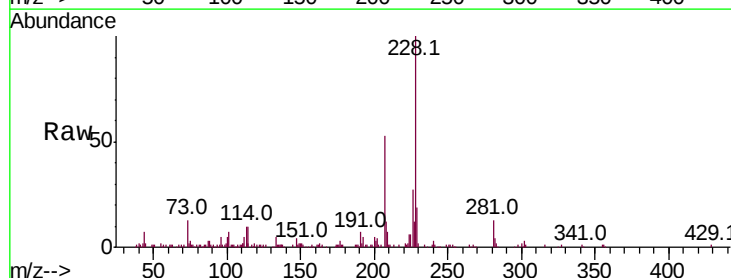
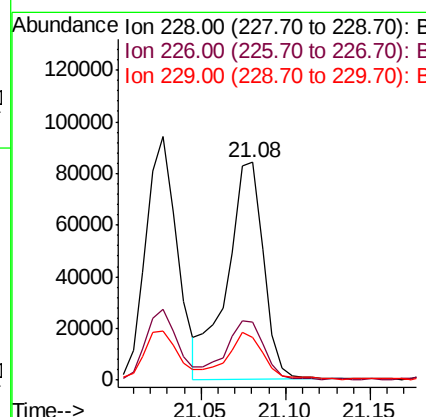
RT: 21.08 min Scan# 3076

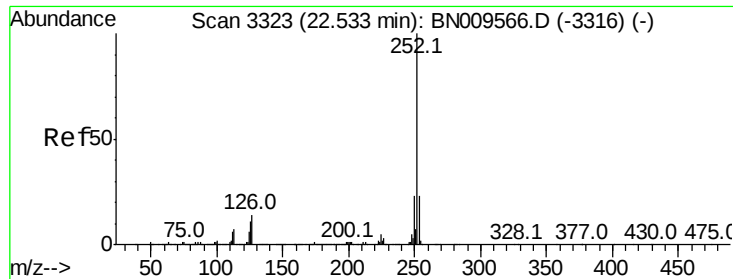
Delta R.T. 0.00 min

Lab File: BN009571.D

Acq: 04 Feb 2020 19:15

Tgt Ion:	228	Resp:	126107
Ion Ratio	Lower	Upper	
228	100		
226	26.6	23.5	35.3
229	19.3	15.8	23.8





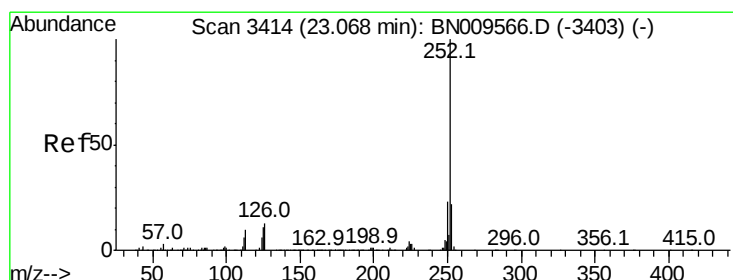
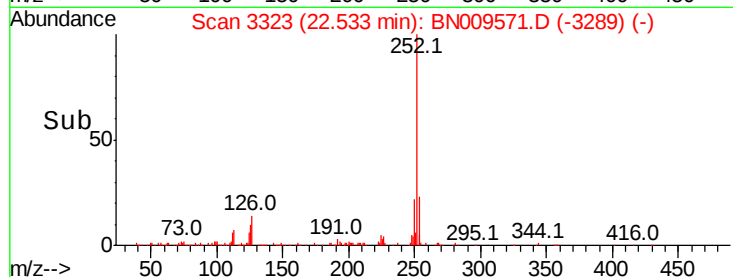
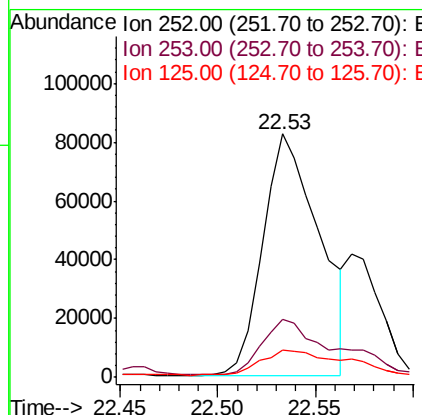
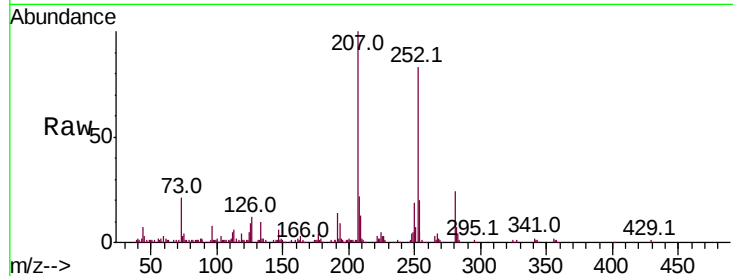
#87
Benzo(b)fluoranthene
Concen: 3.156 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. 0.00 min
Lab File: BN009571.D
Acq: 04 Feb 2020 19:15

Instrument :
BNA_N
ClientSampleId :
OR-03-011020

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	11.0	8.2	12.2

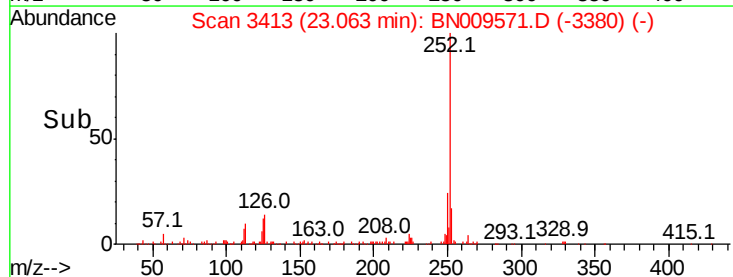
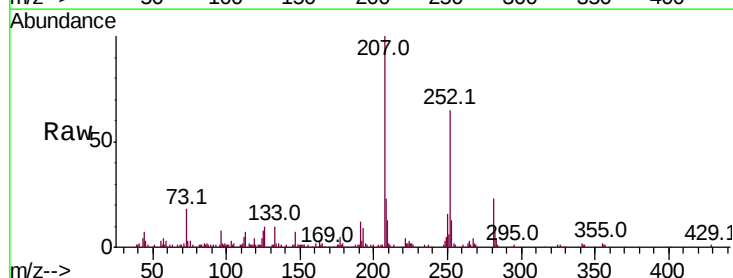
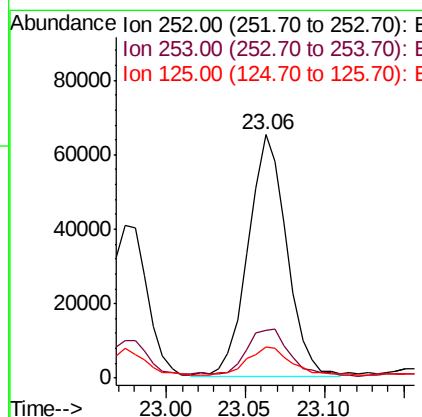
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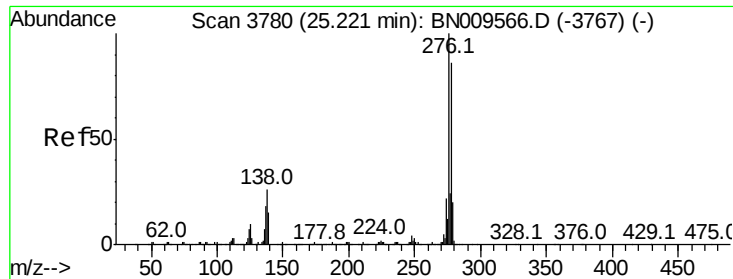
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#90
Benzo(a)pyrene
Concen: 2.263 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN009571.D
Acq: 04 Feb 2020 19:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.7	15.8	23.8
125	12.8	8.7	13.1





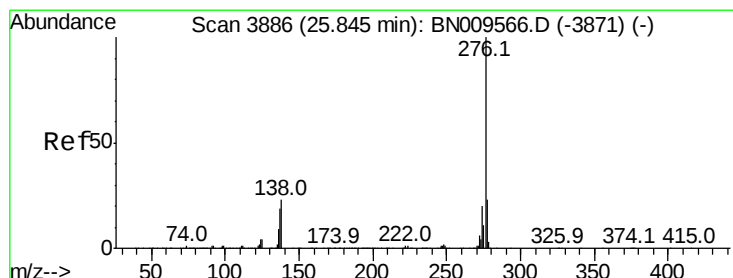
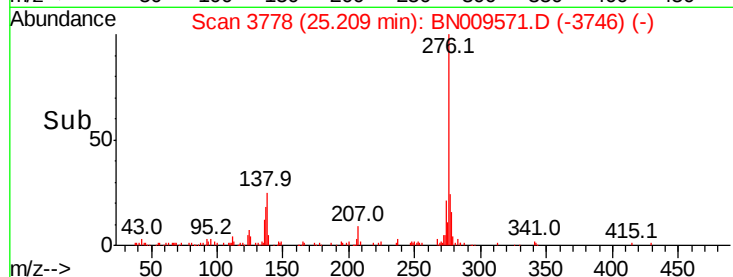
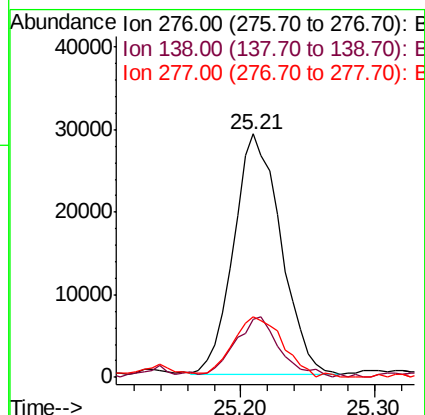
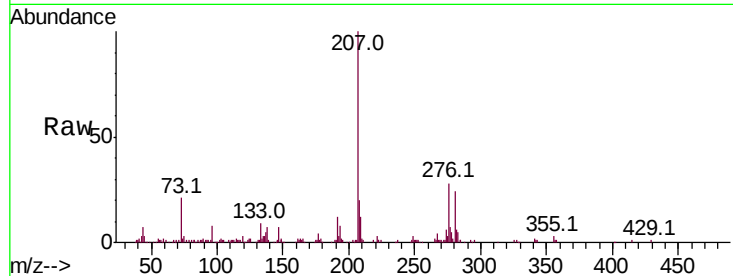
#91
Indeno(1,2,3-cd)pyrene
Concen: 1.241 ng/ul
RT: 25.21 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BN009571.D
Acq: 04 Feb 2020 19:15

Instrument :
BNA_N
ClientSampleId :
OR-03-011020

Tot Ion:	276	Resp:	71285
Ion Ratio	Lower	Upper	
276	100		
138	28.9	20.3	30.5
277	25.0	21.2	31.8

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#93
Benzo(g,h,i)perylene
Concen: 1.438 ng/ul
RT: 25.84 min Scan# 3885
Delta R.T. -0.01 min
Lab File: BN009571.D
Acq: 04 Feb 2020 19:15

Tgt Ion:	276	Resp:	69237
Ion Ratio	Lower	Upper	
276	100		
138	22.8	16.0	24.0
277	21.4	17.0	25.6

