

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009655.D
 Acq On : 07 Feb 2020 20:26
 Operator : CG/JU
 Sample : L1401-01
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6J4

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:23:42 AM

Quant Time: Feb 08 00:00:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 15:21:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	148093	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	602342	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	367969	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	757496	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	719713	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	723042	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	11065	3.07	ng/uL	0.00
5) Phenol-d5	6.63	99	245041	18.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	160394	18.49	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	187576	19.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	189336	18.41	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	84177	18.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	95820	19.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	174966	18.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	208439	20.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	523207	19.48	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	649857	20.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	74552	14.69	ng/ul	0.00
57) Fluorene-d10	15.07	176	463185	19.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	65022	13.74	ng/ul	0.00
70) Anthracene-d10	16.92	188	677693	19.69	ng/ul	0.00
78) Pyrene-d10	19.23	212	775661	20.50	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	732687	20.58	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.54	163	57747	2.026 ng/ul	97
69) Phenanthrene	16.86	178	125739	2.911 ng/ul	97
76) Fluoranthene	18.89	202	248291	5.036 ng/ul	97
79) Pyrene	19.26	202	235799	4.488 ng/ul	99
82) Benzo(a)anthracene	21.03	228	137379	2.765 ng/ul	94
84) Chrysene	21.07	228	124991	2.527 ng/ul	95
87) Benzo(b)fluoranthene	22.53	252	162547	3.593 ng/ul	99
88) Benzo(k)fluoranthene	22.57	252	48834m	1.096 ng/ul	
90) Benzo(a)pyrene	23.06	252	105409	2.515 ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	25.22	276	63555	1.275 ng/ul	99
93) Benzo(g,h,i)perylene	25.84	276	63152	1.512 ng/ul#	90

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

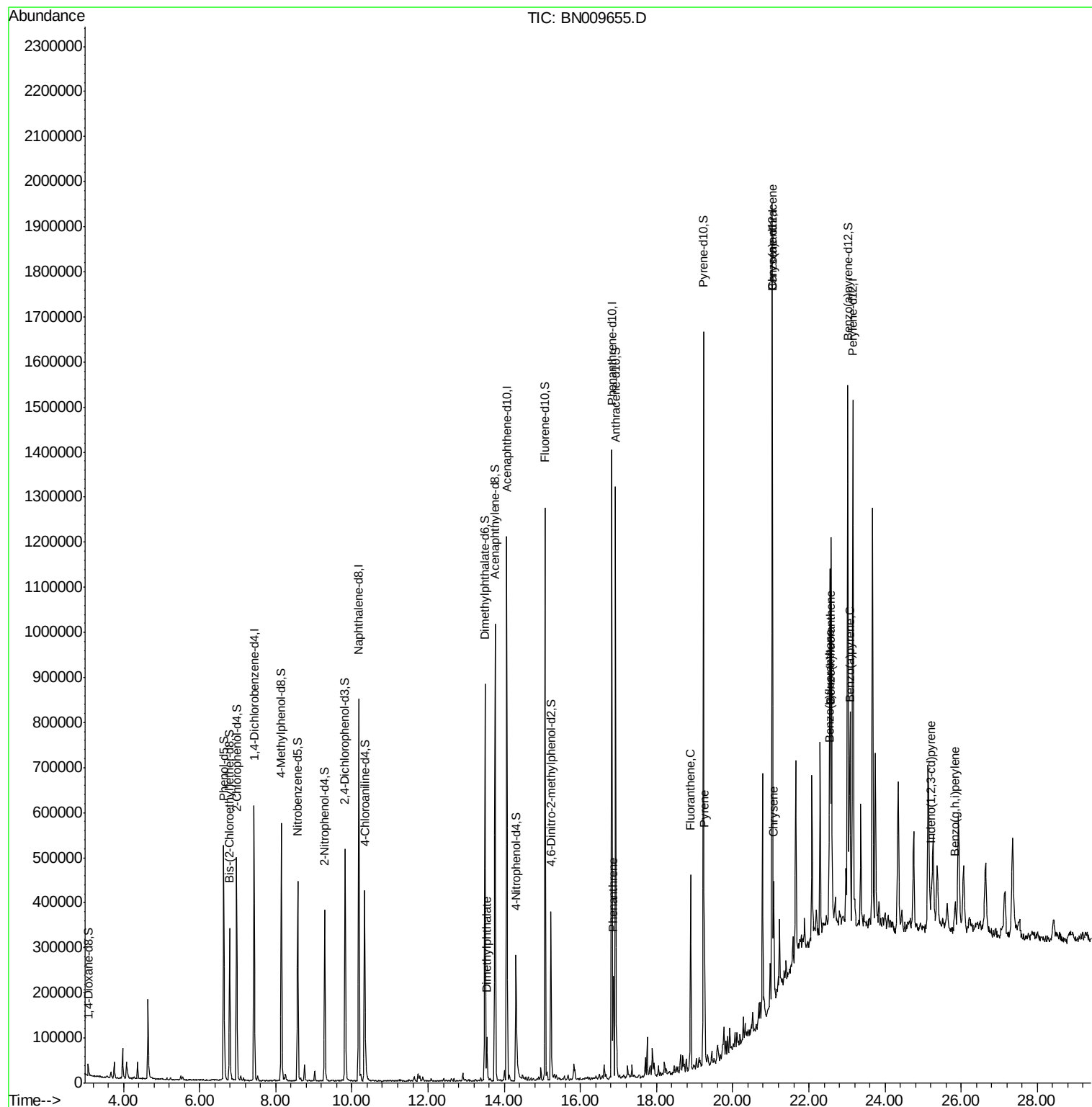
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009655.D
Acq On : 07 Feb 2020 20:26
Operator : CG/JU
Sample : L1401-01
Misc :
ALS Vial : 50 Sample Multiplier: 1

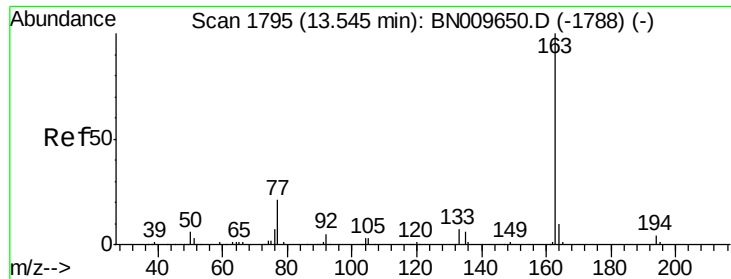
Instrument :
BNA_N
ClientSampled :
CB6J4

Manual Integrations
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2/11/2020 8:23:42 AM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 2.026 ng/ul

RT: 13.54 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BN009655.D

Acq: 07 Feb 2020 20:26

Instrument :

BNA_N

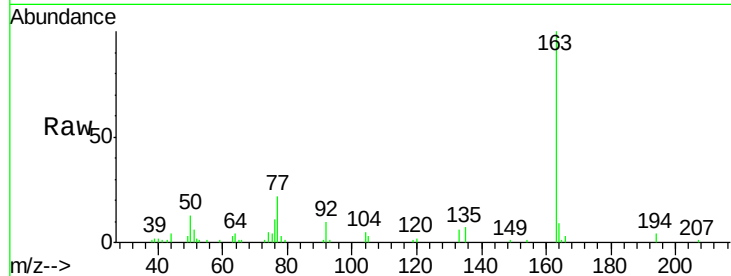
ClientSampled :

CB6J4

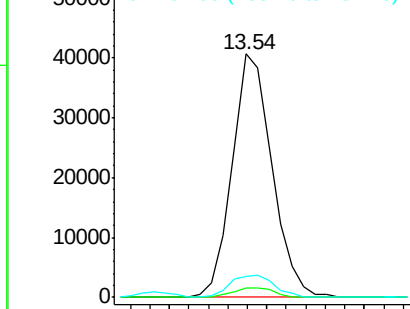
Tot Ion:	163	Resp:	57747
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.5	5.3
164	8.6	8.0	12.0

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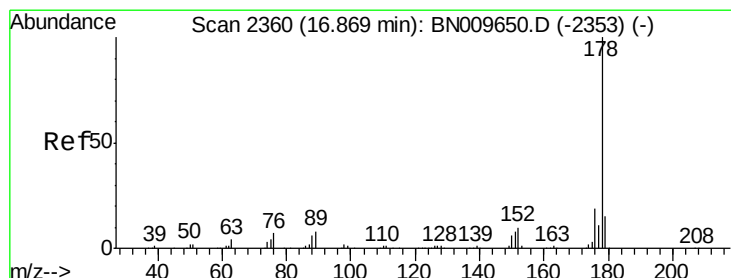
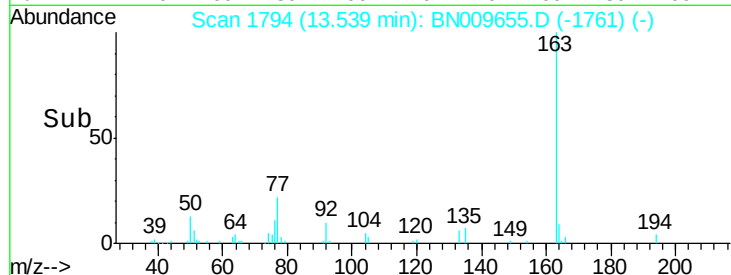
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->



#69

Phenanthrene

Concen: 2.911 ng/ul

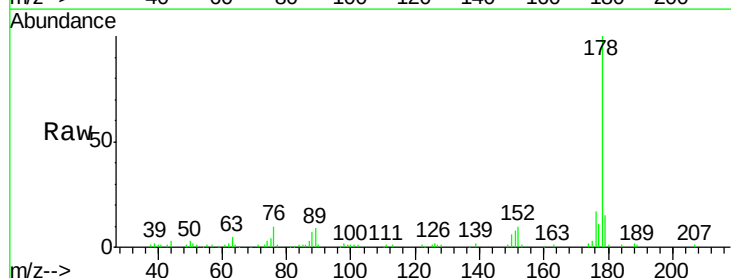
RT: 16.86 min Scan# 2359

Delta R.T. -0.01 min

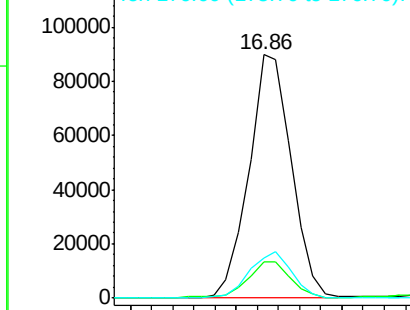
Lab File: BN009655.D

Acq: 07 Feb 2020 20:26

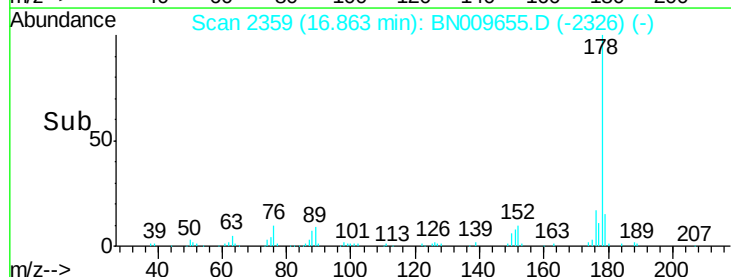
Tgt Ion:	178	Resp:	125739
Ion Ratio	Lower	Upper	
178	100		
179	14.7	12.2	18.2
176	16.6	14.8	22.2

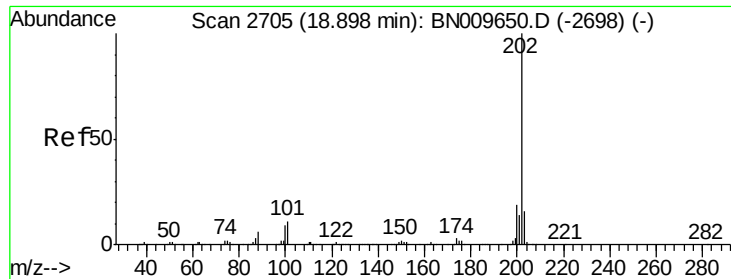


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





#76

Fluoranthene

Concen: 5.036 ng/ul

RT: 18.89 min Scan# 2704

Delta R.T. -0.01 min

Lab File: BN009655.D

Acq: 07 Feb 2020 20:26

Instrument :

BNA_N

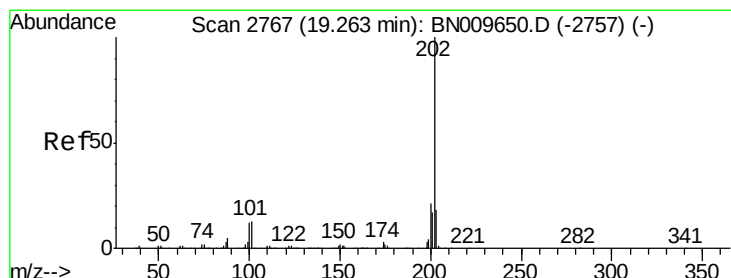
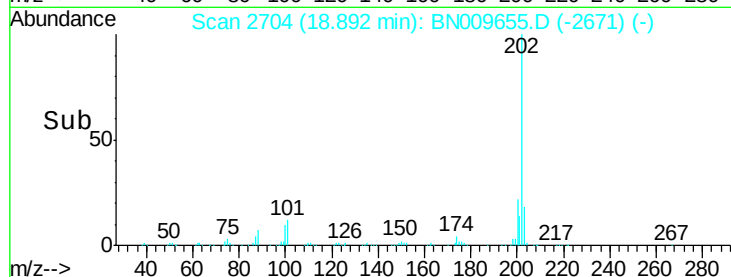
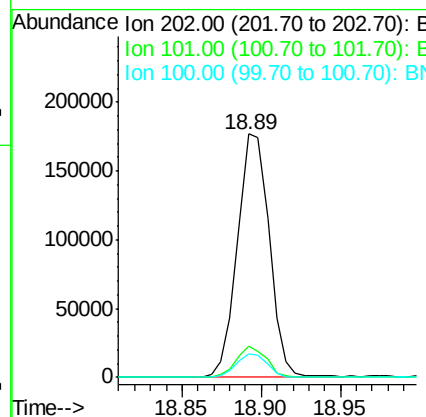
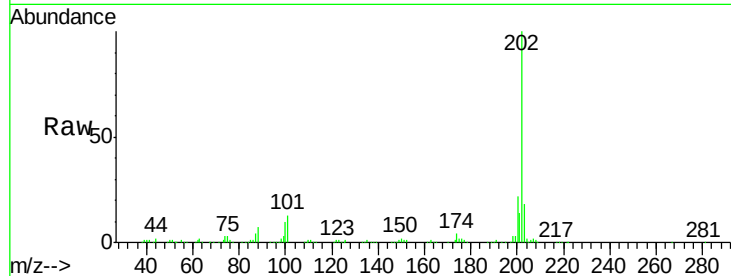
ClientSampleId :

CB6J4

Tot Ion:	202	Resp:	248291
Ion Ratio	Lower	Upper	
202	100		
101	12.7	9.2	13.8
100	9.7	6.9	10.3

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#79

Pyrene

Concen: 4.488 ng/ul

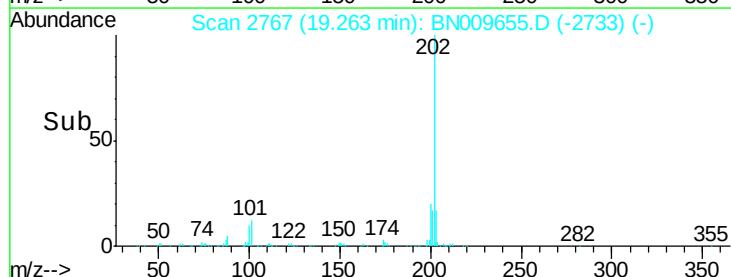
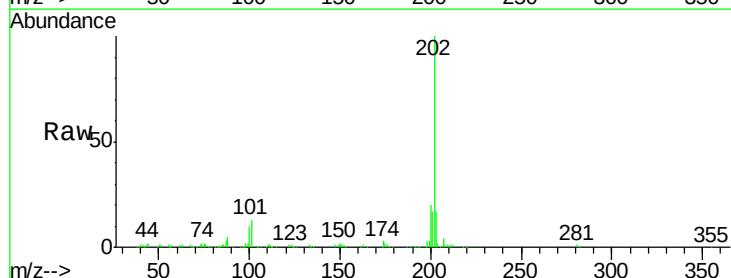
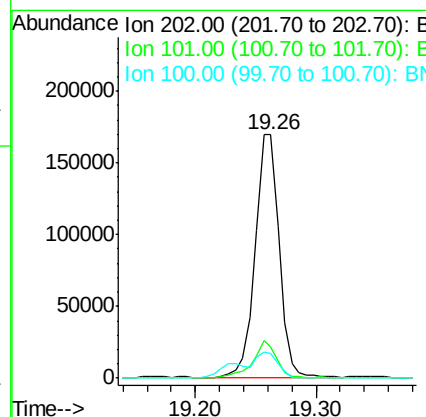
RT: 19.26 min Scan# 2767

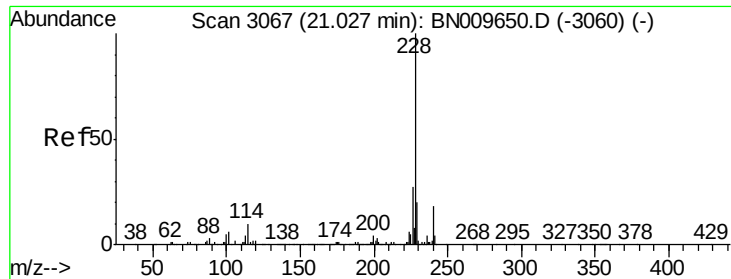
Delta R.T. -0.00 min

Lab File: BN009655.D

Acq: 07 Feb 2020 20:26

Tgt Ion:	202	Resp:	235799
Ion Ratio	Lower	Upper	
202	100		
101	12.5	10.3	15.5
100	10.1	8.4	12.6





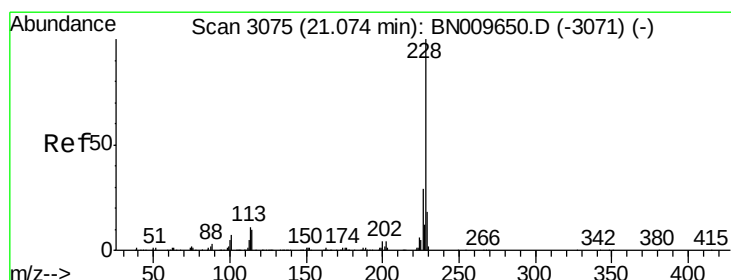
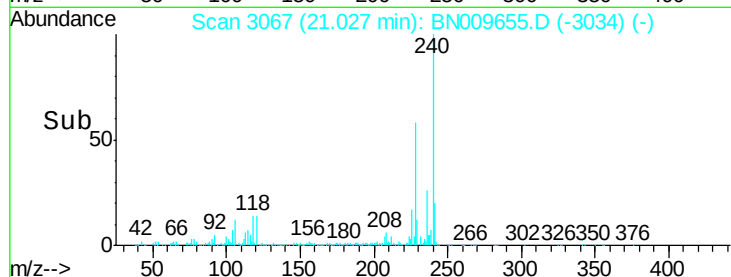
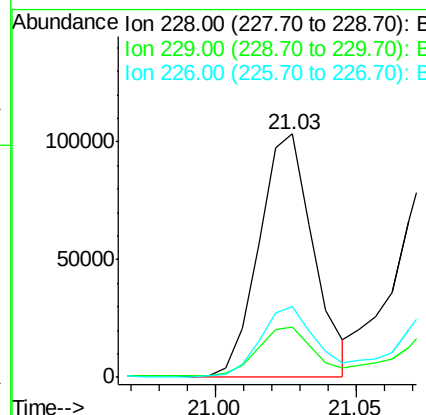
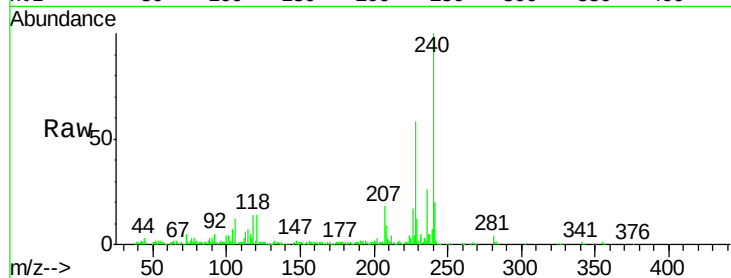
#82
Benzo(a)anthracene
Concen: 2.765 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BN009655.D
Acq: 07 Feb 2020 20:26

Instrument :
BNA_N
ClientSampleId :
CB6J4

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.0	22.4
226	29.3	20.9	31.3

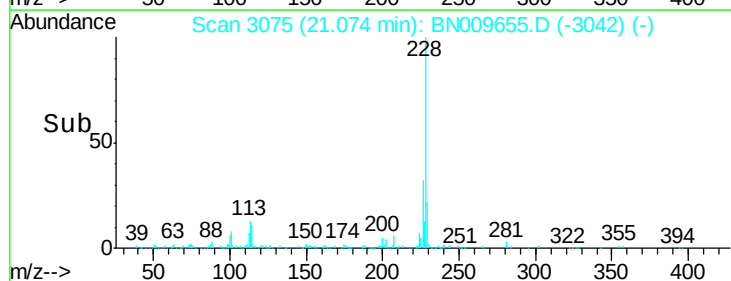
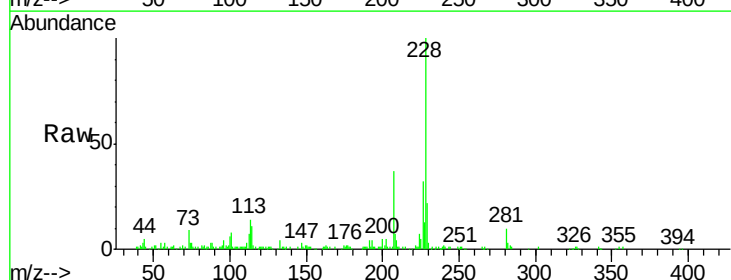
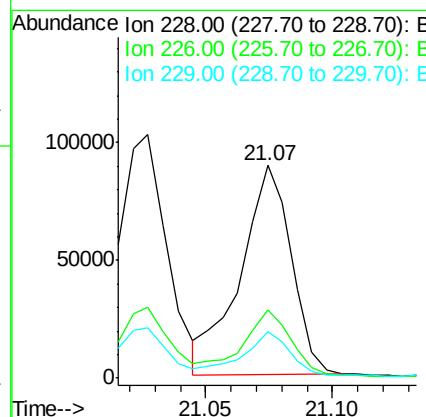
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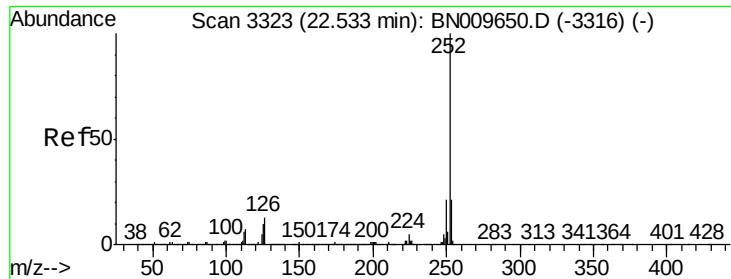
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#84
Chrysene
Concen: 2.527 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009655.D
Acq: 07 Feb 2020 20:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.5	35.3
229	22.0	15.8	23.8





#87

Benzo(b)fluoranthene

Concen: 3.593 ng/ul

RT: 22.53 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BN009655.D

Acq: 07 Feb 2020 20:26

Instrument :

BNA_N

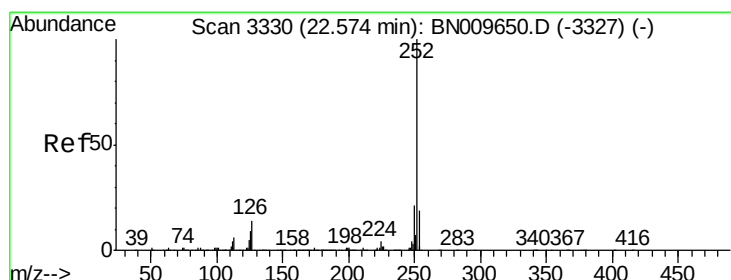
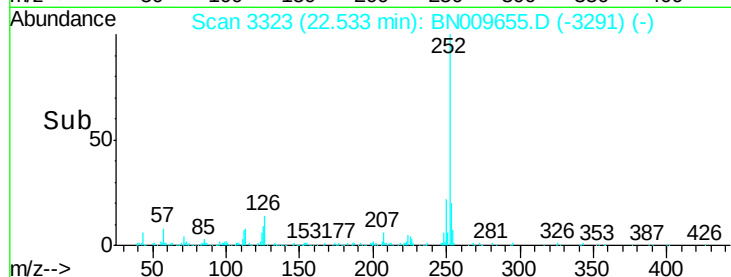
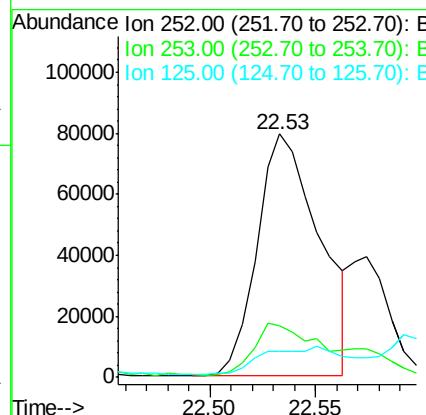
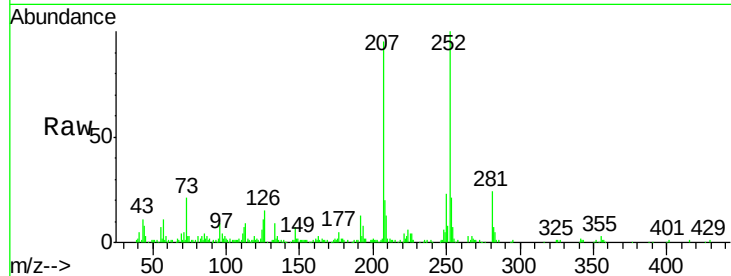
ClientSampled :

CB6J4

Tot Ion:	252	Resp:	162547
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.0	25.6
125	10.8	8.2	12.2

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#88

Benzo(k)fluoranthene

Concen: 1.096 ng/ul m

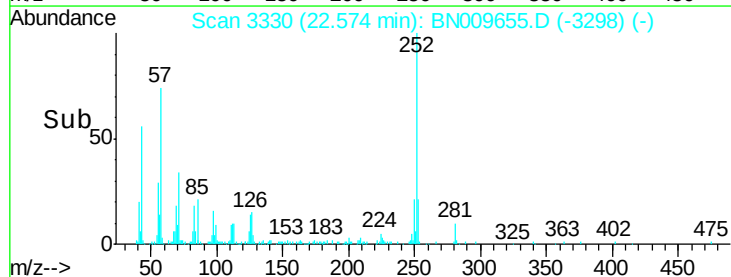
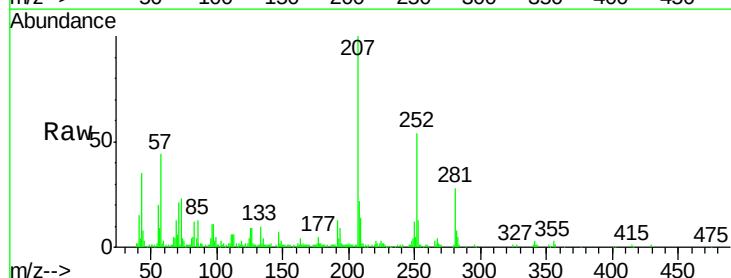
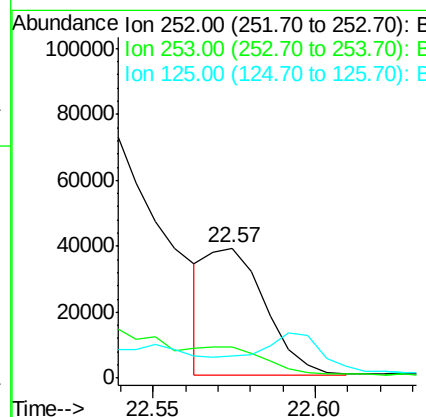
RT: 22.57 min Scan# 3330

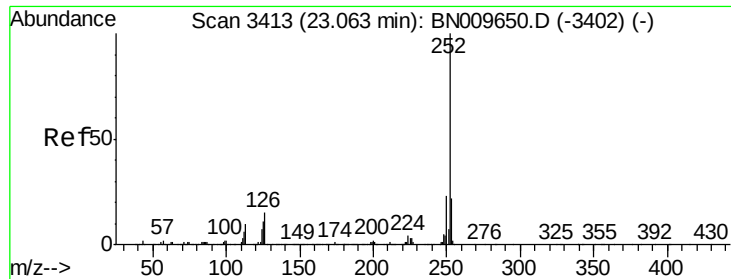
Delta R.T. -0.01 min

Lab File: BN009655.D

Acq: 07 Feb 2020 20:26

Tgt Ion:	252	Resp:	48834
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.0	25.4
125	16.7	8.0	12.0#





#90

Benzo(a)pyrene

Concen: 2.515 ng/ul

RT: 23.06 min Scan# 3413

Delta R.T. -0.01 min

Lab File: BN009655.D

Acq: 07 Feb 2020 20:26

Instrument :

BNA_N

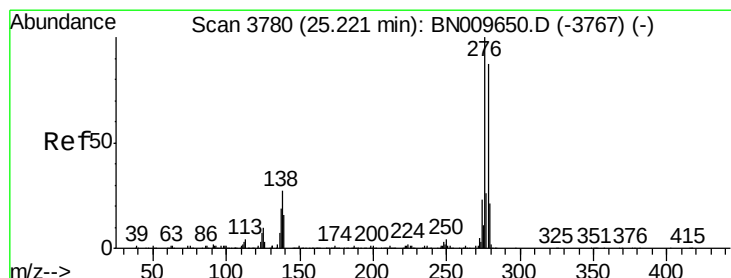
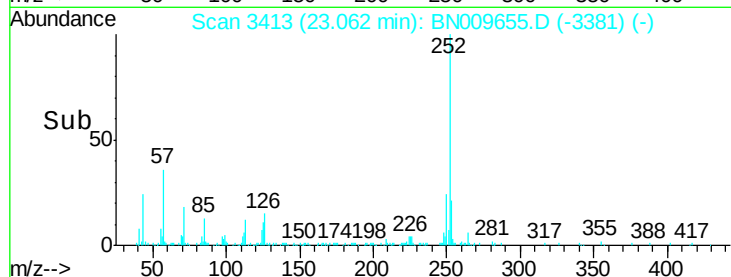
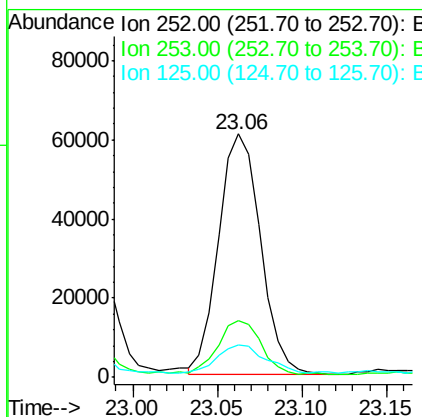
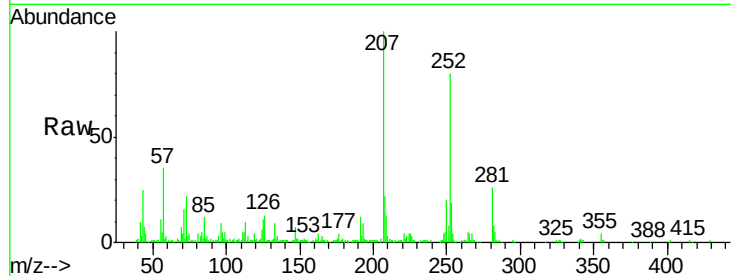
ClientSampleId :

CB6J4

Tot Ion:	252	Resp:	105409
Ion Ratio	Lower	Upper	
252	100		
253	23.5	15.8	23.8
125	13.3	8.7	13.1#

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#91

Indeno(1,2,3-cd)pyrene

Concen: 1.275 ng/ul

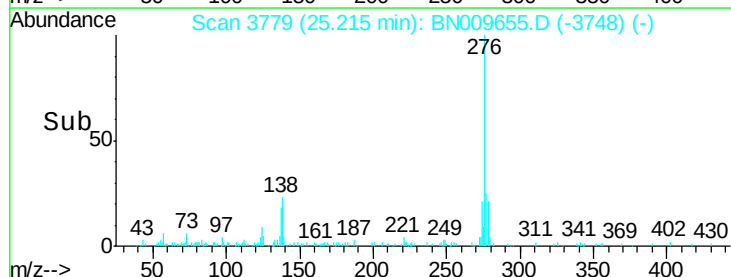
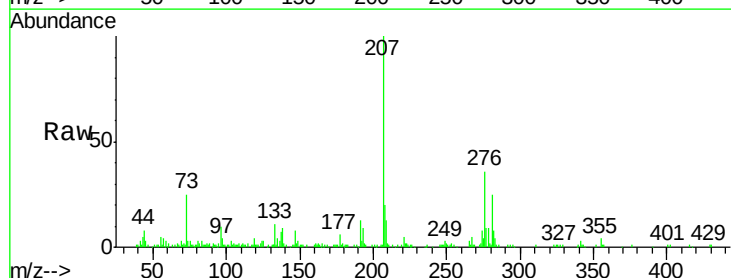
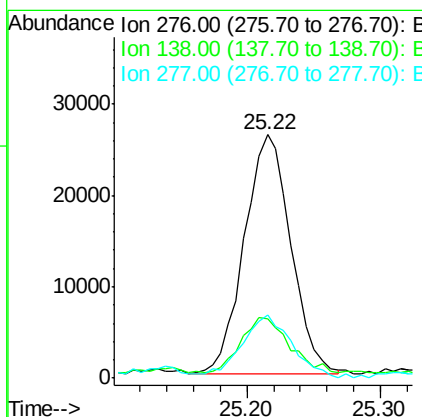
RT: 25.22 min Scan# 3779

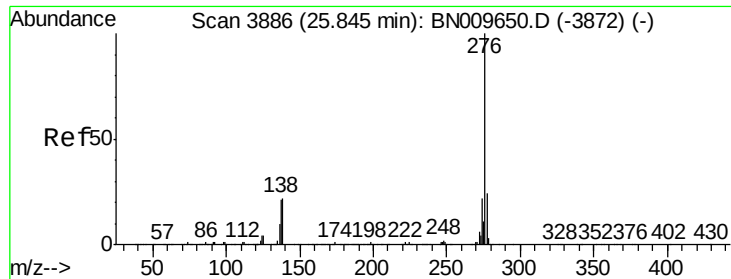
Delta R.T. -0.02 min

Lab File: BN009655.D

Acq: 07 Feb 2020 20:26

Tgt Ion:	276	Resp:	63555
Ion Ratio	Lower	Upper	
276	100		
138	24.6	20.3	30.5
277	25.9	21.2	31.8





#93
 Benzo(a,h,i)perylene
 Concen: 1.512 ng/ul
 RT: 25.84 min Scan# 3886
 Delta R.T. -0.01 min
 Lab File: BN009655.D
 Acq: 07 Feb 2020 20:26

Instrument :
 BNA_N
 ClientSampleId :
 CB6J4

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	16.0	24.0#
277	25.9	17.0	25.6#

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