

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009666.D
 Acq On : 08 Feb 2020 03:36
 Operator : CG/JU
 Sample : L1401-10
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6K3

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:24:22 AM

Quant Time: Feb 08 04:33:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 23:20:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	160127	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	661893	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	405748	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	834456	20.00	ng/ul	0.00
77) Chrysene-d12	21.03	240	795310	20.00	ng/ul	-0.01
85) Perylene-d12	23.15	264	801315	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	14013	3.59	ng/uL	0.00
5) Phenol-d5	6.63	99	257739	18.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	180789	19.27	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	204054	19.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	202133	18.17	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	97237	19.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	109508	19.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	193446	18.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	262015	23.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	599400	20.24	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	732158	20.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	81402	14.55	ng/ul	0.00
57) Fluorene-d10	15.07	176	543483	20.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	77913	14.95	ng/ul	0.00
70) Anthracene-d10	16.92	188	809493	21.35	ng/ul	0.00
78) Pyrene-d10	19.23	212	897302	21.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	887316	22.49	ng/ul	-0.01

Target Compounds

					Ovalue
28) Naphthalene	10.23	128	38278	1.066	ng/ul 99
69) Phenanthrene	16.86	178	369798	7.771	ng/ul 100
71) Anthracene	16.96	178	80665	1.671	ng/ul 94
76) Fluoranthene	18.89	202	606863	11.173	ng/ul 99
79) Pyrene	19.26	202	537588	9.260	ng/ul 100
82) Benzo(a)anthracene	21.02	228	274166	4.993	ng/ul 96
83) Bis(2-ethylhexyl)phthalate	20.98	149	45920	1.310	ng/ul 100
84) Chrysene	21.07	228	268661	4.915	ng/ul 98
87) Benzo(b)fluoranthene	22.53	252	370233	7.385	ng/ul 98
88) Benzo(k)fluoranthene	22.57	252	71266m	1.443	ng/ul
90) Benzo(a)pyrene	23.06	252	199988	4.305	ng/ul 94
91) Indeno(1,2,3-cd)pyrene	25.21	276	124507	2.255	ng/ul 97
93) Benzo(g,h,i)perylene	25.83	276	136212	2.943	ng/ul 98

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

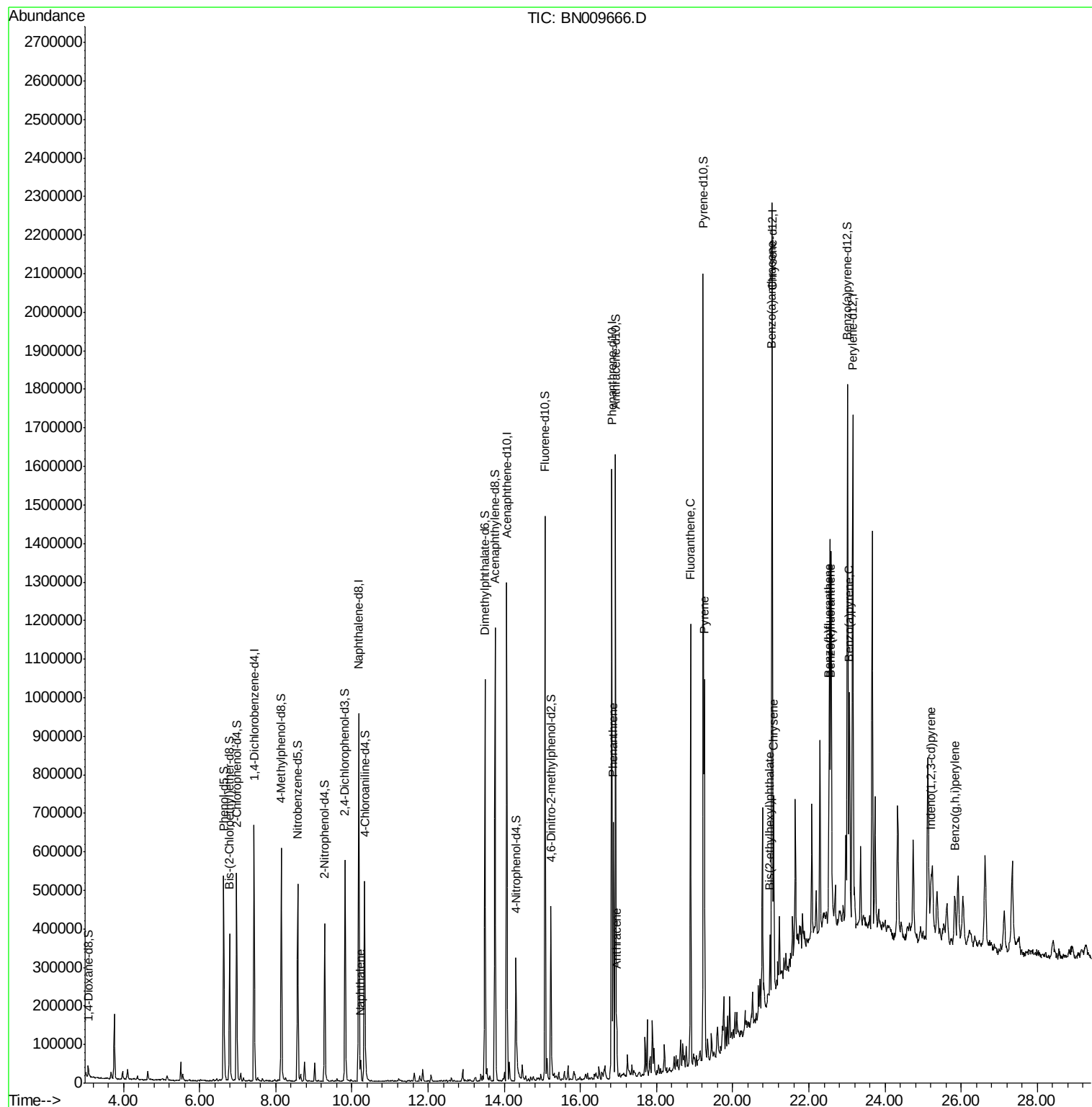
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009666.D
Acq On : 08 Feb 2020 03:36
Operator : CG/JU
Sample : L1401-10
Misc :
ALS Vial : 61 Sample Multiplier: 1

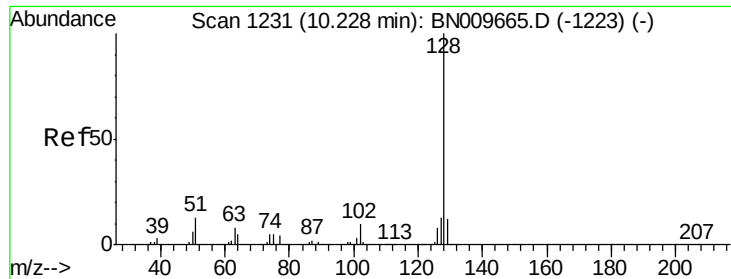
Instrument :
BNA_N
ClientSampleID :
CB6K3

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Quant Time: Feb 08 04:33:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 23:20:27 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 1.066 ng/ul

RT: 10.23 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BN009666.D

Acq: 08 Feb 2020 03:36

Instrument :

BNA_N

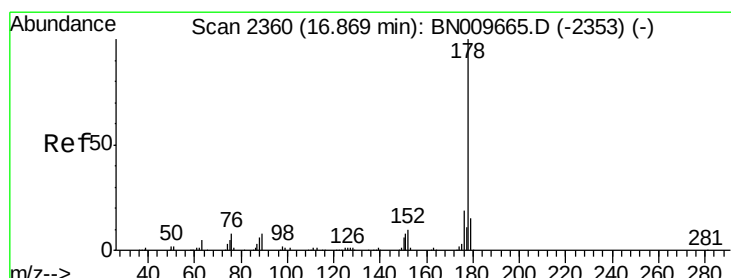
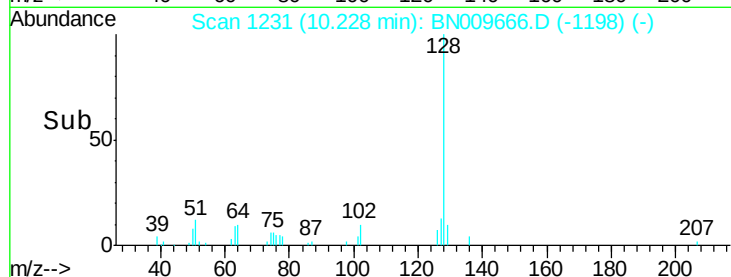
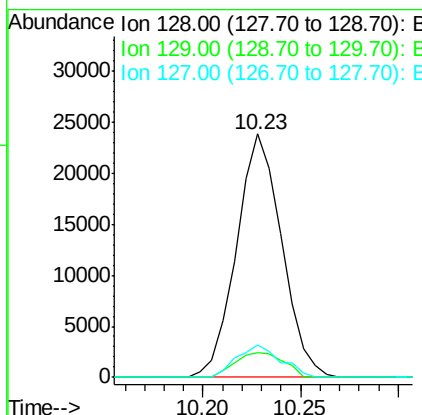
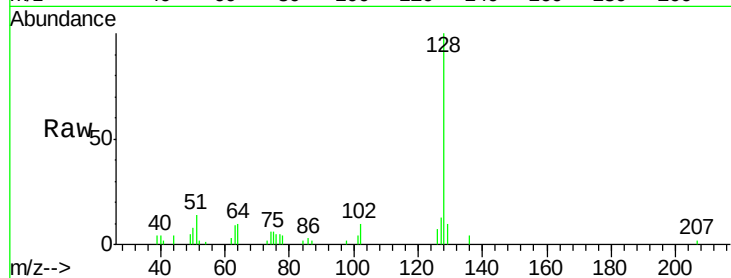
ClientSampleId :

CB6K3

Tot Ion:	128	Resp:	38278
Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.7	13.1
127	13.3	10.7	16.1

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#69

Phenanthrene

Concen: 7.771 ng/ul

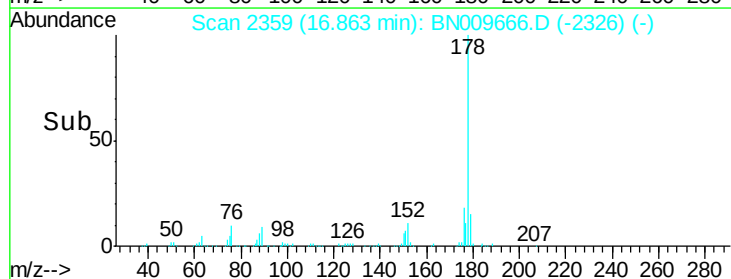
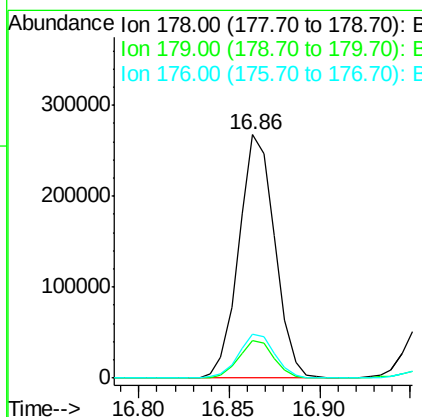
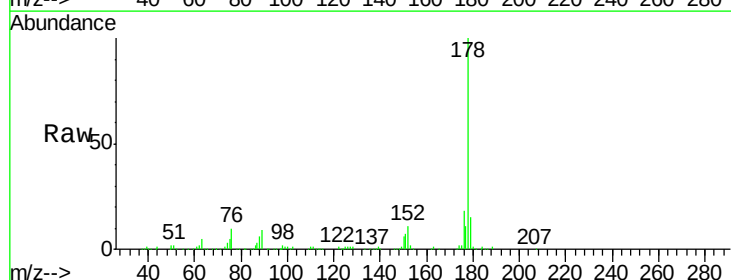
RT: 16.86 min Scan# 2359

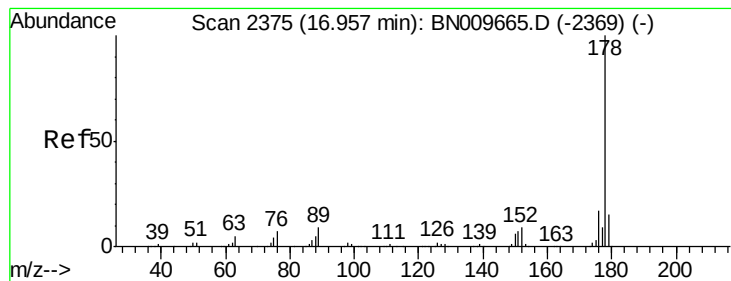
Delta R.T. -0.01 min

Lab File: BN009666.D

Acq: 08 Feb 2020 03:36

Tgt Ion:	178	Resp:	369798
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	18.2	14.8	22.2





#71

Anthracene

Concen: 1.671 ng/ul

RT: 16.96 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BN009666.D

Acq: 08 Feb 2020 03:36

Instrument :

BNA_N

ClientSampleId :

CB6K3

Tot Ion:178 Resp: 80665

Ion Ratio Lower Upper

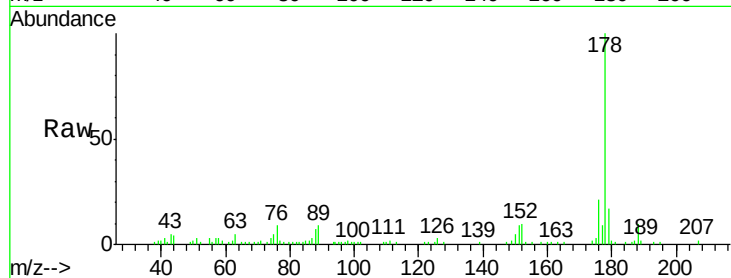
178 100

179 16.8 12.1 18.1

176 21.5 14.6 21.8

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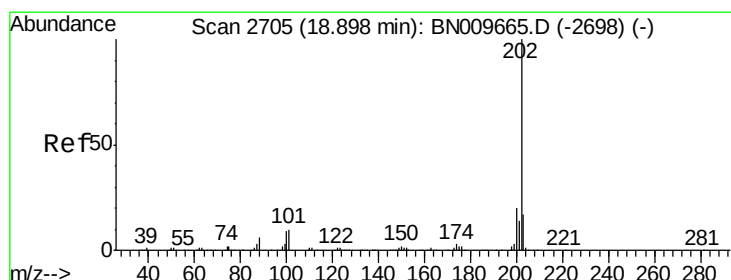
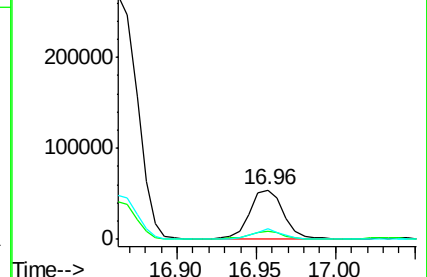
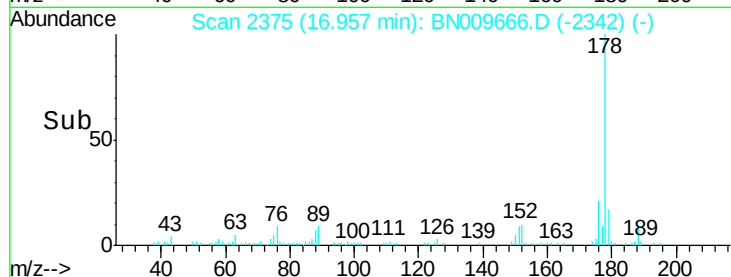
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#76

Fluoranthene

Concen: 11.173 ng/ul

RT: 18.89 min Scan# 2704

Delta R.T. -0.01 min

Lab File: BN009666.D

Acq: 08 Feb 2020 03:36

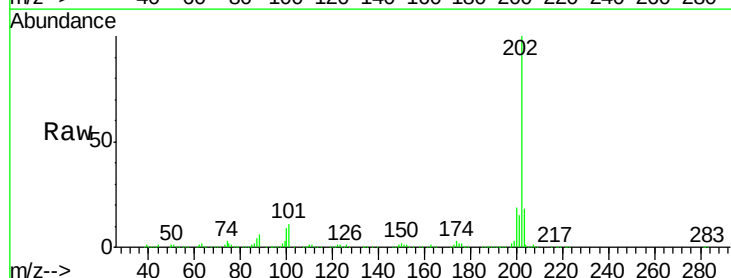
Tgt Ion:202 Resp: 606863

Ion Ratio Lower Upper

202 100

101 11.5 9.2 13.8

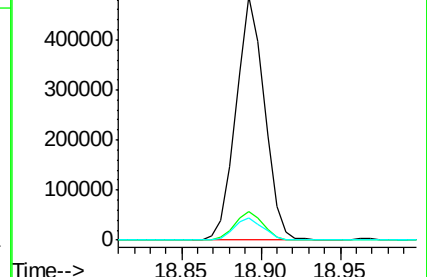
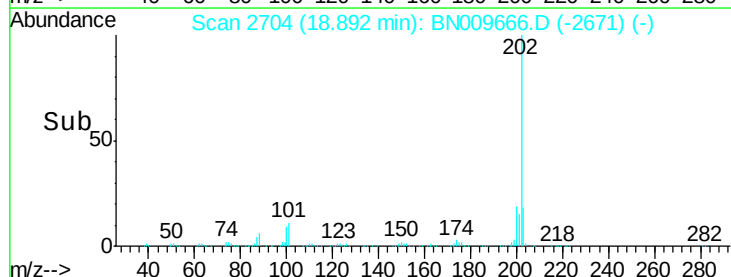
100 9.0 6.9 10.3

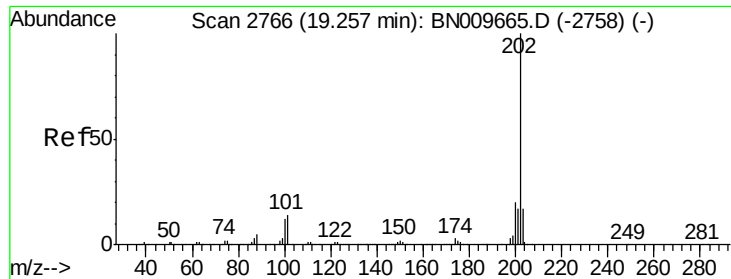


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 9.260 ng/ul

RT: 19.26 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BN009666.D

Acq: 08 Feb 2020 03:36

Instrument :

BNA_N

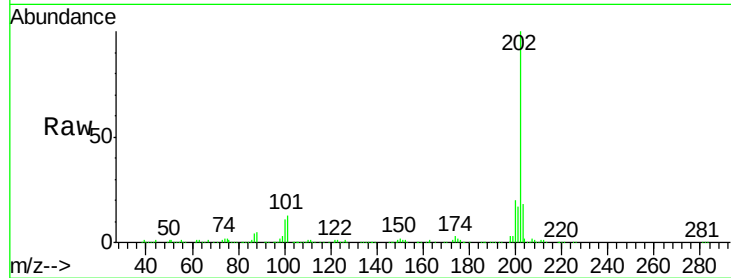
ClientSampled :

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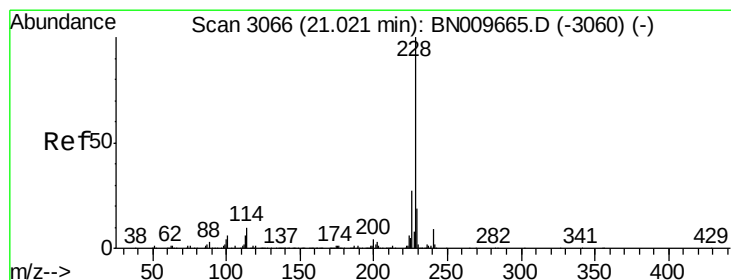
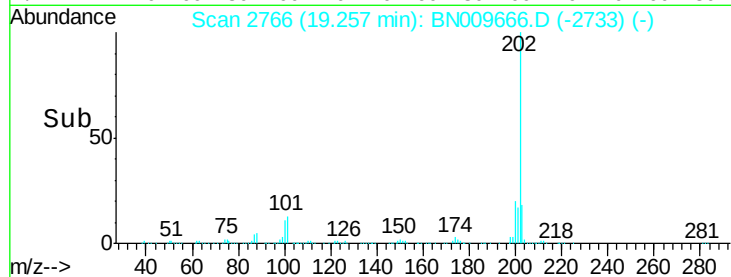
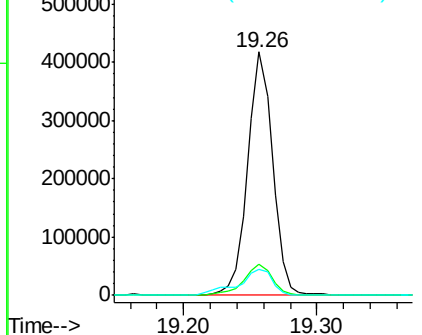
Tot Ion:	202	Resp:	537588
Ion Ratio	Lower	Upper	
202	100		
101	12.9	10.3	15.5
100	10.8	8.4	12.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#82

Benzo(a)anthracene

Concen: 4.993 ng/ul

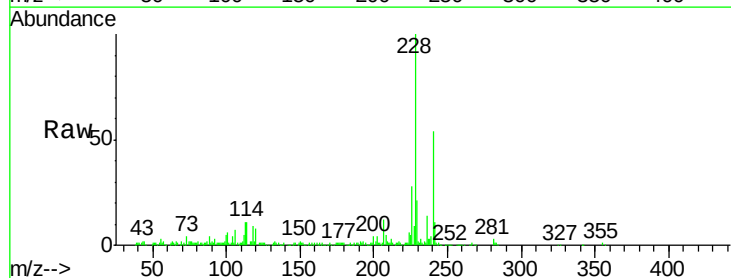
RT: 21.02 min Scan# 3066

Delta R.T. -0.01 min

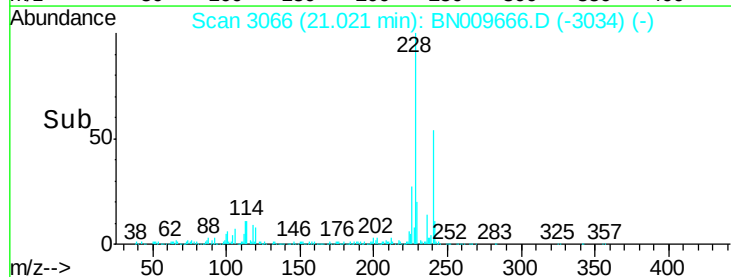
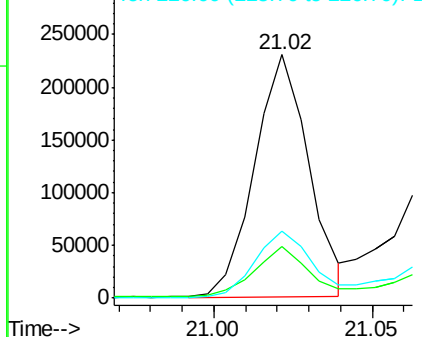
Lab File: BN009666.D

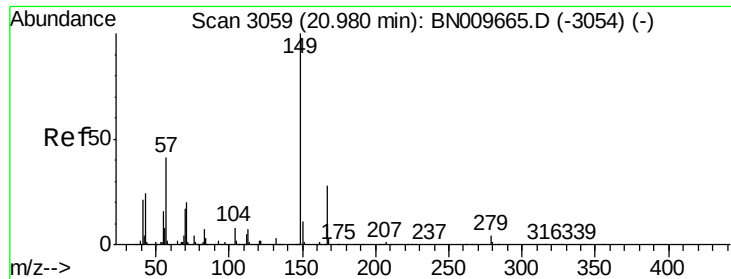
Acq: 08 Feb 2020 03:36

Tgt Ion:	228	Resp:	274166
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.0	22.4
226	27.7	20.9	31.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.310 ng/ul

RT: 20.98 min Scan# 3059

Delta R.T. -0.01 min

Lab File: BN009666.D

Acq: 08 Feb 2020 03:36

Instrument :

BNA_N

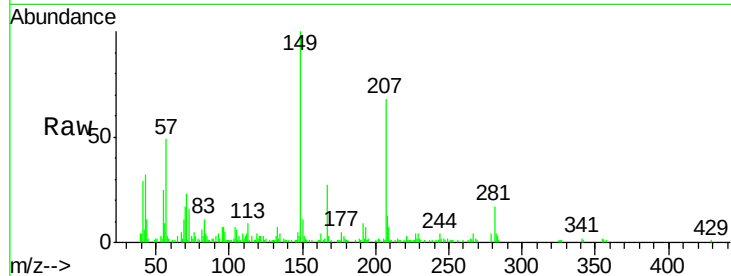
ClientSampleId :

CB6K3

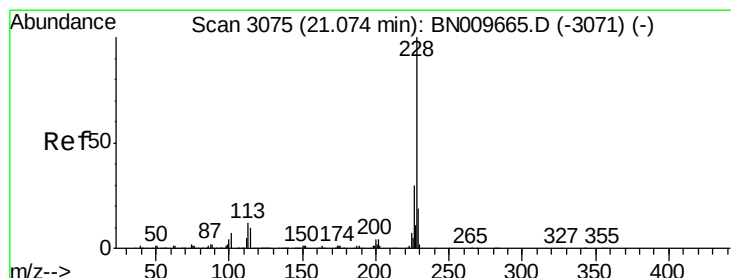
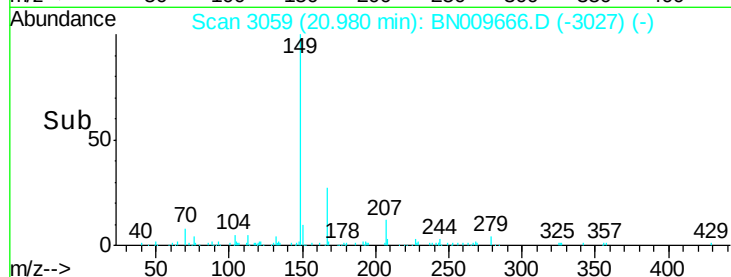
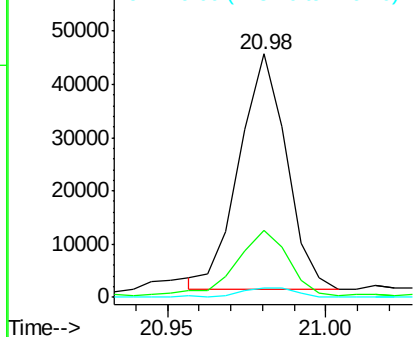
Tot Ion:	149	Resp:	45920
Ion Ratio	Lower	Upper	
149	100		
167	27.3	22.1	33.1
279	4.0	3.3	4.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Chrysene

Concen: 4.915 ng/ul

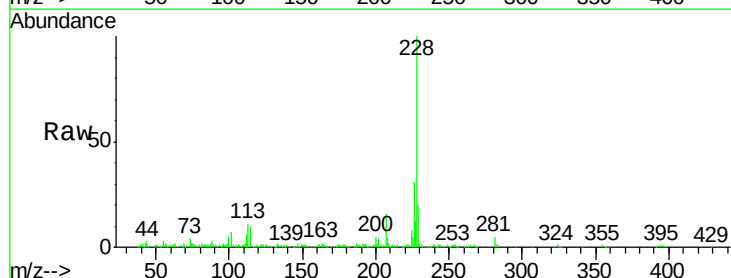
RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

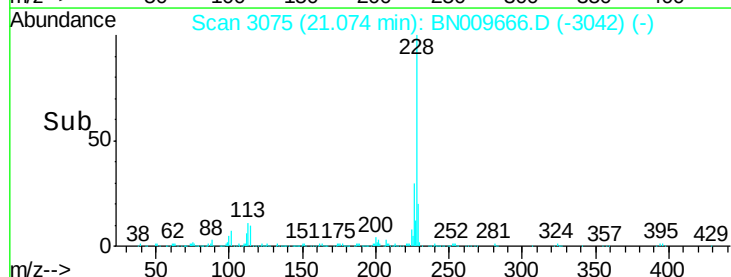
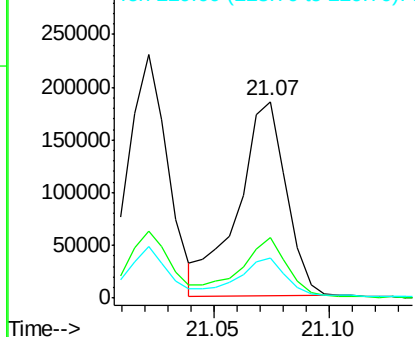
Lab File: BN009666.D

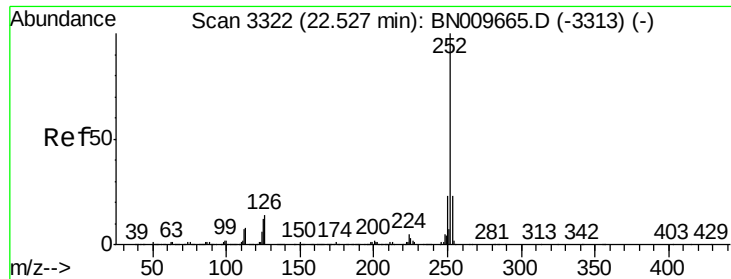
Acq: 08 Feb 2020 03:36

Tgt Ion:	228	Resp:	268661
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.5	35.3
229	20.2	15.8	23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





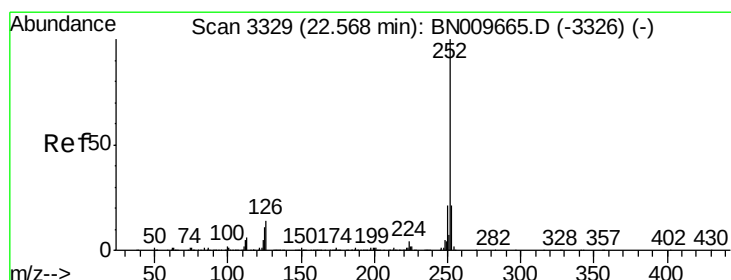
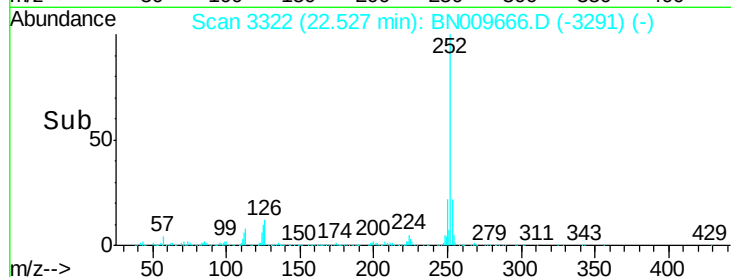
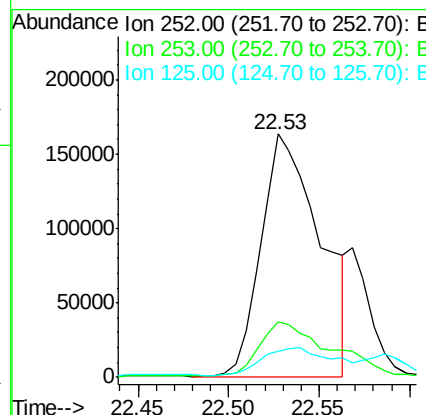
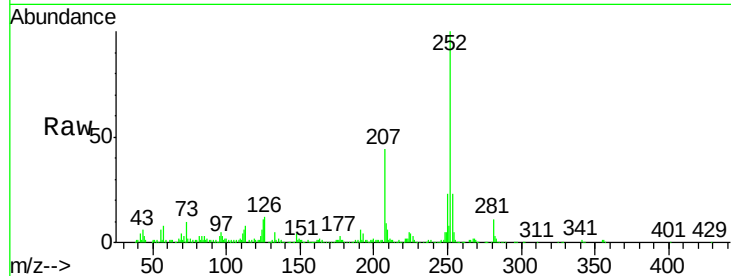
#87
Benzo(b)fluoranthene
Concen: 7.385 ng/ul
RT: 22.53 min Scan# 3322
Delta R.T. -0.02 min
Lab File: BN009666.D
Acq: 08 Feb 2020 03:36

Instrument :
BNA_N
ClientSampled :
CB6K3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	10.5	8.2	12.2

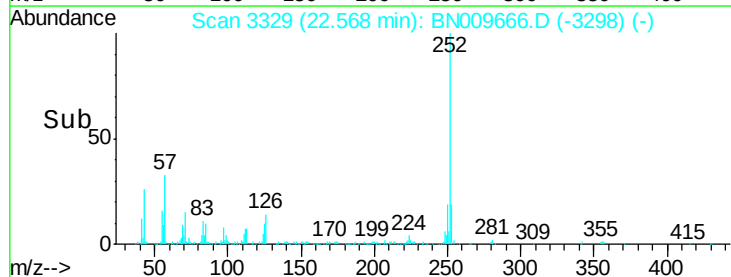
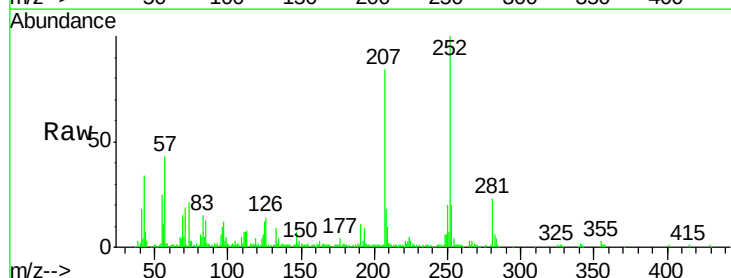
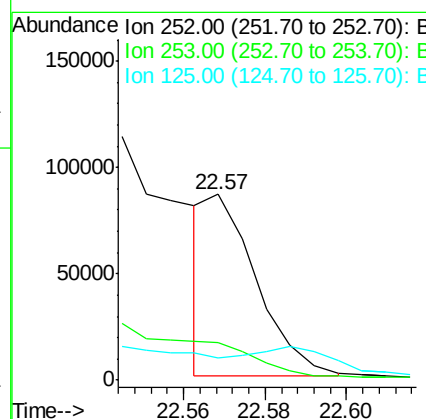
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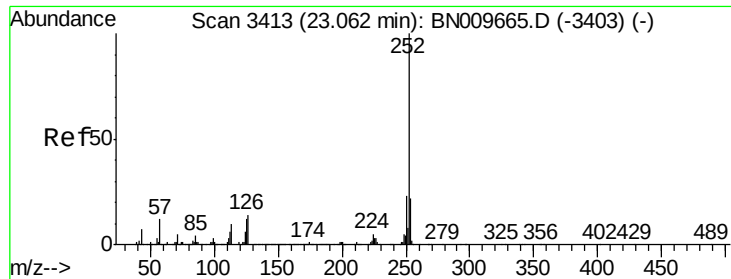
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#88
Benzo(k)fluoranthene
Concen: 1.443 ng/ul m
RT: 22.57 min Scan# 3329
Delta R.T. -0.02 min
Lab File: BN009666.D
Acq: 08 Feb 2020 03:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.0	25.4
125	11.7	8.0	12.0





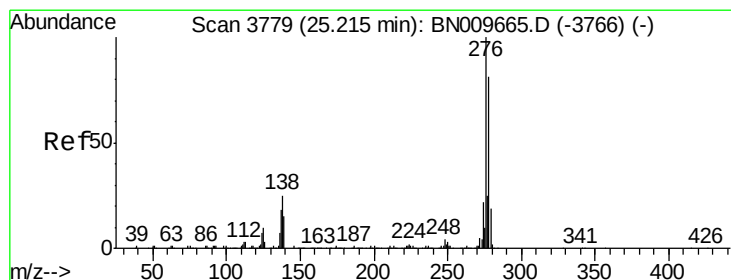
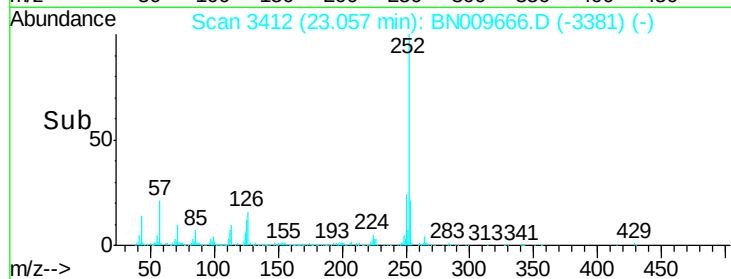
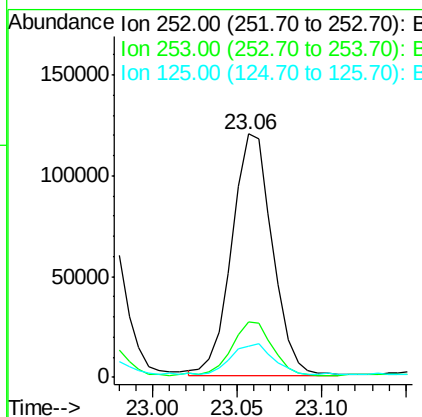
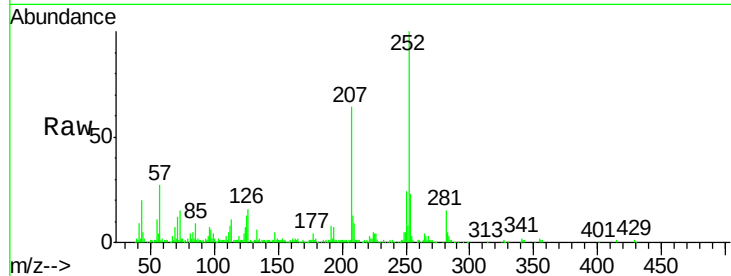
#90
Benzo(a)pyrene
Concen: 4.305 ng/ul
RT: 23.06 min Scan# 3412
Delta R.T. -0.02 min
Lab File: BN009666.D
Acq: 08 Feb 2020 03:36

Instrument :
BNA_N
ClientSampled :
CB6K3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	15.8	23.8
125	13.0	8.7	13.1

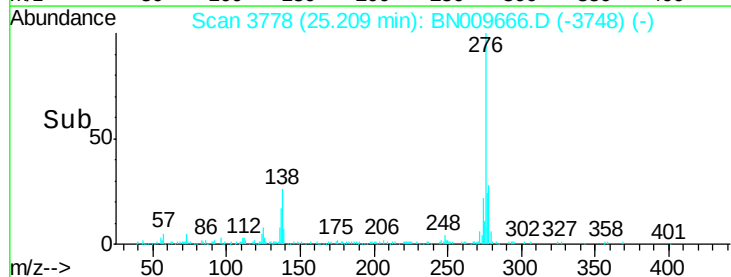
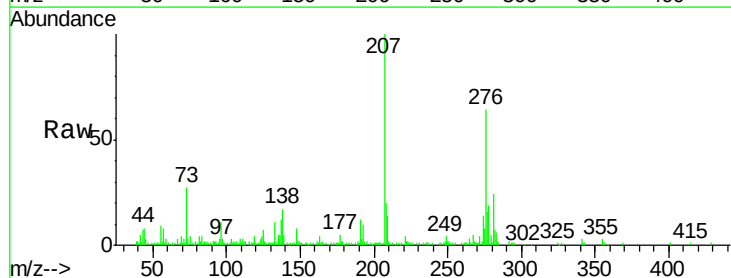
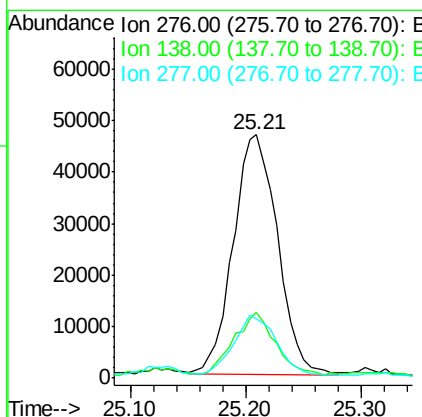
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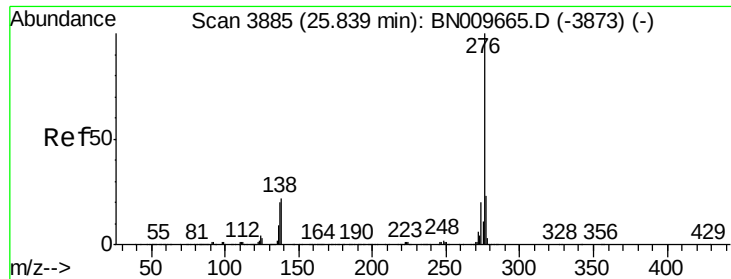
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#91
Indeno(1,2,3-cd)pyrene
Concen: 2.255 ng/ul
RT: 25.21 min Scan# 3778
Delta R.T. -0.02 min
Lab File: BN009666.D
Acq: 08 Feb 2020 03:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	20.3	30.5
277	24.6	21.2	31.8





#93

Benzo(a,h,i)perylene

Concen: 2.943 ng/ul

RT: 25.83 min Scan# 3883

Delta R.T. -0.03 min

Lab File: BN009666.D

Acq: 08 Feb 2020 03:36

Instrument :

BNA_N

ClientSampleId :

CB6K3

Tot Ion:	276	Resp:	136212
Ion Ratio	Lower	Upper	
276	100		
138	21.9	16.0	24.0
277	21.6	17.0	25.6

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